EPA SAMPLE NO.

MYE4T2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-01

% Solids: 97.5 Date Received: 10/23/2024

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	1.4		11/03/2024	1751
7440-38-2	Arsenic	82		11/03/2024	1751
7440-39-3	Barium	220		11/03/2024	1751
7440-41-7	Beryllium	0.63		11/03/2024	1751
7440-43-9	Cadmium	1.2		11/03/2024	1751
7440-47-3	Chromium	35		11/03/2024	1751
7440-48-4	Cobalt	21		11/03/2024	1751
7440-50-8	Copper	160	*	11/03/2024	1751
7439-92-1	Lead	42	*	11/03/2024	1751
7440-02-0	Nickel	41		11/03/2024	1751
7782-49-2	Selenium	0.35	J	11/03/2024	1751
7440-22-4	Silver	0.31	J*	11/03/2024	1751
7440-28-0	Thallium	0.19	J	11/03/2024	1751
7440-62-2	Vanadium	78		11/03/2024	1751
7440-66-6	Zinc	140		11/03/2024	1751

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

Comments:

EPA SAMPLE NO.

MYE4T3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-02

% Solids: 99.3 Date Received: 10/23/2024

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	1.9		11/03/2024	1754
7440-38-2	Arsenic	90		11/03/2024	1754
7440-39-3	Barium	210		11/03/2024	1754
7440-41-7	Beryllium	0.70		11/03/2024	1754
7440-43-9	Cadmium	1.2		11/03/2024	1754
7440-47-3	Chromium	41		11/03/2024	1754
7440-48-4	Cobalt	24		11/03/2024	1754
7440-50-8	Copper	170	*	11/03/2024	1754
7439-92-1	Lead	47	*	11/03/2024	1754
7440-02-0	Nickel	48		11/03/2024	1754
7782-49-2	Selenium	0.60	J	11/03/2024	1754
7440-22-4	Silver	0.32	J*	11/03/2024	1754
7440-28-0	Thallium	0.20	J	11/03/2024	1754
7440-62-2	Vanadium	89		11/03/2024	1754
7440-66-6	Zinc	140		11/03/2024	1754

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

Comments:

EPA SAMPLE NO.

MYE4T4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-03

% Solids: 94.9 Date Received: 10/23/2024

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	1.5		11/03/2024	1757
7440-38-2	Arsenic	63		11/03/2024	1757
7440-39-3	Barium	270		11/03/2024	1757
7440-41-7	Beryllium	0.60		11/03/2024	1757
7440-43-9	Cadmium	1.1		11/03/2024	1757
7440-47-3	Chromium	34		11/03/2024	1757
7440-48-4	Cobalt	20		11/03/2024	1757
7440-50-8	Copper	140	*	11/03/2024	1757
7439-92-1	Lead	39	*	11/03/2024	1757
7440-02-0	Nickel	47		11/03/2024	1757
7782-49-2	Selenium	0.41	J	11/03/2024	1757
7440-22-4	Silver	0.28	J*	11/03/2024	1757
7440-28-0	Thallium	0.21	J	11/03/2024	1757
7440-62-2	Vanadium	74		11/03/2024	1757
7440-66-6	Zinc	130		11/03/2024	1757

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

Comments:

EPA SAMPLE NO.

MYE4T5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-04

% Solids: 97.7 Date Received: 10/23/2024

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		11/03/2024	1800
7440-38-2	Arsenic	63		11/03/2024	1800
7440-39-3	Barium	250		11/03/2024	1800
7440-41-7	Beryllium	0.66		11/03/2024	1800
7440-43-9	Cadmium	1.3		11/03/2024	1800
7440-47-3	Chromium	40		11/03/2024	1800
7440-48-4	Cobalt	22		11/03/2024	1800
7440-50-8	Copper	190	*	11/03/2024	1800
7439-92-1	Lead	45	*	11/03/2024	1800
7440-02-0	Nickel	53		11/03/2024	1800
7782-49-2	Selenium	0.44	J	11/03/2024	1800
7440-22-4	Silver	0.34	J*	11/03/2024	1800
7440-28-0	Thallium	0.20	J	11/03/2024	1800
7440-62-2	Vanadium	80		11/03/2024	1800
7440-66-6	Zinc	140		11/03/2024	1800

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

Comments:

EPA SAMPLE NO.

MYE4T6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-05

% Solids: 97.9 Date Received: 10/23/2024

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	1.9		11/03/2024	1803
7440-38-2	Arsenic	68		11/03/2024	1803
7440-39-3	Barium	210		11/03/2024	1803
7440-41-7	Beryllium	0.63		11/03/2024	1803
7440-43-9	Cadmium	1.2		11/03/2024	1803
7440-47-3	Chromium	35		11/03/2024	1803
7440-48-4	Cobalt	20		11/03/2024	1803
7440-50-8	Copper	190	*	11/03/2024	1803
7439-92-1	Lead	56	*	11/03/2024	1803
7440-02-0	Nickel	43		11/03/2024	1803
7782-49-2	Selenium	0.45	J	11/03/2024	1803
7440-22-4	Silver	0.42	*	11/03/2024	1803
7440-28-0	Thallium	0.20	J	11/03/2024	1803
7440-62-2	Vanadium	77		11/03/2024	1803
7440-66-6	Zinc	130		11/03/2024	1803

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

Comments:

EPA SAMPLE NO.

MYE4T7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-06

% Solids: 98.4 Date Received: 10/23/2024

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		11/03/2024	1806
7440-38-2	Arsenic	43		11/03/2024	1806
7440-39-3	Barium	160		11/03/2024	1806
7440-41-7	Beryllium	0.50		11/03/2024	1806
7440-43-9	Cadmium	0.43		11/03/2024	1806
7440-47-3	Chromium	29		11/03/2024	1806
7440-48-4	Cobalt	16		11/03/2024	1806
7440-50-8	Copper	66	*	11/03/2024	1806
7439-92-1	Lead	18	*	11/03/2024	1806
7440-02-0	Nickel	36		11/03/2024	1806
7782-49-2	Selenium	0.28	J	11/03/2024	1806
7440-22-4	Silver	0.11	J*	11/03/2024	1806
7440-28-0	Thallium	0.13	J	11/03/2024	1806
7440-62-2	Vanadium	66		11/03/2024	1806
7440-66-6	Zinc	87		11/03/2024	1806

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

Comments:

EPA SAMPLE NO.

MYE4T8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-07

% Solids: 98.9 Date Received: 10/23/2024

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	2.8		11/03/2024	1809
7440-38-2	Arsenic	92		11/03/2024	1809
7440-39-3	Barium	210	D	11/03/2024	2138
7440-41-7	Beryllium	0.71		11/03/2024	1809
7440-43-9	Cadmium	1.6		11/03/2024	1809
7440-47-3	Chromium	41		11/03/2024	1809
7440-48-4	Cobalt	26	D	11/03/2024	2138
7440-50-8	Copper	170	*	11/03/2024	1809
7439-92-1	Lead	56	*	11/03/2024	1809
7440-02-0	Nickel	55	D	11/03/2024	2138
7782-49-2	Selenium	0.56	J	11/03/2024	1809
7440-22-4	Silver	0.34	J*	11/03/2024	1809
7440-28-0	Thallium	0.27	J	11/03/2024	1809
7440-62-2	Vanadium	100	D	11/03/2024	2138
7440-66-6	Zinc	160		11/03/2024	1809

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

Comments:

EPA SAMPLE NO.

MYE4T9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-10

% Solids: 97.9 Date Received: 10/23/2024

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	1.6		11/03/2024	1825
7440-38-2	Arsenic	76		11/03/2024	1825
7440-39-3	Barium	220		11/03/2024	1825
7440-41-7	Beryllium	0.65		11/03/2024	1825
7440-43-9	Cadmium	1.1		11/03/2024	1825
7440-47-3	Chromium	41		11/03/2024	1825
7440-48-4	Cobalt	22		11/03/2024	1825
7440-50-8	Copper	170	*	11/03/2024	1825
7439-92-1	Lead	44	*	11/03/2024	1825
7440-02-0	Nickel	48		11/03/2024	1825
7782-49-2	Selenium	0.34	J	11/03/2024	1825
7440-22-4	Silver	0.35	J*	11/03/2024	1825
7440-28-0	Thallium	0.28	J	11/03/2024	1825
7440-62-2	Vanadium	86		11/03/2024	1825
7440-66-6	Zinc	140		11/03/2024	1825

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

Comments:

EPA SAMPLE NO.

MYE4W8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-11

% Solids: 98.2 Date Received: 10/24/2024

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	0.47	J	11/03/2024	1828
7440-38-2	Arsenic	41		11/03/2024	1828
7440-39-3	Barium	160		11/03/2024	1828
7440-41-7	Beryllium	0.51		11/03/2024	1828
7440-43-9	Cadmium	0.43		11/03/2024	1828
7440-47-3	Chromium	30		11/03/2024	1828
7440-48-4	Cobalt	16		11/03/2024	1828
7440-50-8	Copper	62	*	11/03/2024	1828
7439-92-1	Lead	16	*	11/03/2024	1828
7440-02-0	Nickel	34		11/03/2024	1828
7782-49-2	Selenium	1.8	U	11/03/2024	1828
7440-22-4	Silver	0.11	J*	11/03/2024	1828
7440-28-0	Thallium	0.13	J	11/03/2024	1828
7440-62-2	Vanadium	70		11/03/2024	1828
7440-66-6	Zinc	77		11/03/2024	1828

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

Comments:

EPA SAMPLE NO.

MYE4W9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-12

% Solids: 97.9 Date Received: 10/24/2024

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		11/03/2024	1831
7440-38-2	Arsenic	59		11/03/2024	1831
7440-39-3	Barium	230		11/03/2024	1831
7440-41-7	Beryllium	0.65		11/03/2024	1831
7440-43-9	Cadmium	1.0		11/03/2024	1831
7440-47-3	Chromium	39		11/03/2024	1831
7440-48-4	Cobalt	23		11/03/2024	1831
7440-50-8	Copper	140	*	11/03/2024	1831
7439-92-1	Lead	40	*	11/03/2024	1831
7440-02-0	Nickel	51		11/03/2024	1831
7782-49-2	Selenium	0.31	J	11/03/2024	1831
7440-22-4	Silver	0.25	J*	11/03/2024	1831
7440-28-0	Thallium	0.20	J	11/03/2024	1831
7440-62-2	Vanadium	88		11/03/2024	1831
7440-66-6	Zinc	140		11/03/2024	1831

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

Comments:

EPA SAMPLE NO.

MYE4X0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-13

% Solids: 98.7 Date Received: 10/24/2024

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	1.7		11/03/2024	1834
7440-38-2	Arsenic	90		11/03/2024	1834
7440-39-3	Barium	190		11/03/2024	1834
7440-41-7	Beryllium	0.65		11/03/2024	1834
7440-43-9	Cadmium	1.3		11/03/2024	1834
7440-47-3	Chromium	37		11/03/2024	1834
7440-48-4	Cobalt	21		11/03/2024	1834
7440-50-8	Copper	150	*	11/03/2024	1834
7439-92-1	Lead	49	*	11/03/2024	1834
7440-02-0	Nickel	44		11/03/2024	1834
7782-49-2	Selenium	0.39	J	11/03/2024	1834
7440-22-4	Silver	0.36	J*	11/03/2024	1834
7440-28-0	Thallium	0.20	J	11/03/2024	1834
7440-62-2	Vanadium	90		11/03/2024	1834
7440-66-6	Zinc	150		11/03/2024	1834

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

Comments:

EPA SAMPLE NO.

MYE4X1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-14

% Solids: 97.1 Date Received: 10/24/2024

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	0.70	J	11/03/2024	1837
7440-38-2	Arsenic	65		11/03/2024	1837
7440-39-3	Barium	230		11/03/2024	1837
7440-41-7	Beryllium	0.72		11/03/2024	1837
7440-43-9	Cadmium	1.2		11/03/2024	1837
7440-47-3	Chromium	38		11/03/2024	1837
7440-48-4	Cobalt	25		11/03/2024	1837
7440-50-8	Copper	210	*	11/03/2024	1837
7439-92-1	Lead	51	*	11/03/2024	1837
7440-02-0	Nickel	46		11/03/2024	1837
7782-49-2	Selenium	0.28	J	11/03/2024	1837
7440-22-4	Silver	0.43	*	11/03/2024	1837
7440-28-0	Thallium	0.20	J	11/03/2024	1837
7440-62-2	Vanadium	88		11/03/2024	1837
7440-66-6	Zinc	130		11/03/2024	1837

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

Comments:

EPA SAMPLE NO.

MYE4X2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-15

% Solids: 96.1 Date Received: 10/24/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.59	J	11/03/2024	1840
7440-38-2	Arsenic	48		11/03/2024	1840
7440-39-3	Barium	210		11/03/2024	1840
7440-41-7	Beryllium	0.64		11/03/2024	1840
7440-43-9	Cadmium	0.85		11/03/2024	1840
7440-47-3	Chromium	38		11/03/2024	1840
7440-48-4	Cobalt	21		11/03/2024	1840
7440-50-8	Copper	120	*	11/03/2024	1840
7439-92-1	Lead	32	*	11/03/2024	1840
7440-02-0	Nickel	43		11/03/2024	1840
7782-49-2	Selenium	0.40	J	11/03/2024	1840
7440-22-4	Silver	0.24	J*	11/03/2024	1840
7440-28-0	Thallium	0.15	J	11/03/2024	1840
7440-62-2	Vanadium	80		11/03/2024	1840
7440-66-6	Zinc	150		11/03/2024	1840

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

Comments:

EPA SAMPLE NO.

MYE4X3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-16

% Solids: 97.5 Date Received: 10/24/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1		11/03/2024	1843
7440-38-2	Arsenic	64		11/03/2024	1843
7440-39-3	Barium	190		11/03/2024	1843
7440-41-7	Beryllium	0.78		11/03/2024	1843
7440-43-9	Cadmium	0.80		11/03/2024	1843
7440-47-3	Chromium	43		11/03/2024	1843
7440-48-4	Cobalt	24		11/03/2024	1843
7440-50-8	Copper	130	*	11/03/2024	1843
7439-92-1	Lead	28	*	11/03/2024	1843
7440-02-0	Nickel	45		11/03/2024	1843
7782-49-2	Selenium	0.46	J	11/03/2024	1843
7440-22-4	Silver	0.22	J*	11/03/2024	1843
7440-28-0	Thallium	0.20	J	11/03/2024	1843
7440-62-2	Vanadium	100		11/03/2024	1843
7440-66-6	Zinc	140		11/03/2024	1843

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

Comments:

EPA SAMPLE NO.

MYE4X4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-17

% Solids: 97.3 Date Received: 10/24/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1		11/03/2024	1846
7440-38-2	Arsenic	77		11/03/2024	1846
7440-39-3	Barium	270		11/03/2024	1846
7440-41-7	Beryllium	0.78		11/03/2024	1846
7440-43-9	Cadmium	0.90		11/03/2024	1846
7440-47-3	Chromium	52		11/03/2024	1846
7440-48-4	Cobalt	27		11/03/2024	1846
7440-50-8	Copper	140	*	11/03/2024	1846
7439-92-1	Lead	32	*	11/03/2024	1846
7440-02-0	Nickel	60		11/03/2024	1846
7782-49-2	Selenium	0.48	J	11/03/2024	1846
7440-22-4	Silver	0.22	J*	11/03/2024	1846
7440-28-0	Thallium	0.25	J	11/03/2024	1846
7440-62-2	Vanadium	100		11/03/2024	1846
7440-66-6	Zinc	130		11/03/2024	1846

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

Comments:

EPA SAMPLE NO.

MYE4X5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-18

% Solids: 98.4 Date Received: 10/24/2024

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		11/03/2024	1849
7440-38-2	Arsenic	78		11/03/2024	1849
7440-39-3	Barium	180		11/03/2024	1849
7440-41-7	Beryllium	0.60		11/03/2024	1849
7440-43-9	Cadmium	1.1		11/03/2024	1849
7440-47-3	Chromium	40		11/03/2024	1849
7440-48-4	Cobalt	23		11/03/2024	1849
7440-50-8	Copper	180	*	11/03/2024	1849
7439-92-1	Lead	59	*	11/03/2024	1849
7440-02-0	Nickel	41		11/03/2024	1849
7782-49-2	Selenium	0.35	J	11/03/2024	1849
7440-22-4	Silver	0.35	*	11/03/2024	1849
7440-28-0	Thallium	0.20	J	11/03/2024	1849
7440-62-2	Vanadium	99		11/03/2024	1849
7440-66-6	Zinc	140		11/03/2024	1849

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

Comments:

EPA SAMPLE NO.

MYE4X6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-19

% Solids: 96.3 Date Received: 10/24/2024

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	11/03/2024	1858
7440-38-2	Arsenic	56		11/03/2024	1858
7440-39-3	Barium	200		11/03/2024	1858
7440-41-7	Beryllium	0.63		11/03/2024	1858
7440-43-9	Cadmium	0.94		11/03/2024	1858
7440-47-3	Chromium	39		11/03/2024	1858
7440-48-4	Cobalt	20		11/03/2024	1858
7440-50-8	Copper	150	*	11/03/2024	1858
7439-92-1	Lead	40	*	11/03/2024	1858
7440-02-0	Nickel	44		11/03/2024	1858
7782-49-2	Selenium	0.40	J	11/03/2024	1858
7440-22-4	Silver	0.33	J*	11/03/2024	1858
7440-28-0	Thallium	0.18	J	11/03/2024	1858
7440-62-2	Vanadium	81		11/03/2024	1858
7440-66-6	Zinc	120		11/03/2024	1858

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

Comments:

EPA SAMPLE NO.

MYE4X7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-20

% Solids: 98.1 Date Received: 10/24/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.77	J	11/03/2024	1901
7440-38-2	Arsenic	57		11/03/2024	1901
7440-39-3	Barium	180		11/03/2024	1901
7440-41-7	Beryllium	0.62		11/03/2024	1901
7440-43-9	Cadmium	1.1		11/03/2024	1901
7440-47-3	Chromium	38		11/03/2024	1901
7440-48-4	Cobalt	22		11/03/2024	1901
7440-50-8	Copper	140	*	11/03/2024	1901
7439-92-1	Lead	38	*	11/03/2024	1901
7440-02-0	Nickel	41		11/03/2024	1901
7782-49-2	Selenium	2.3	U	11/03/2024	1901
7440-22-4	Silver	0.25	J*	11/03/2024	1901
7440-28-0	Thallium	0.20	J	11/03/2024	1901
7440-62-2	Vanadium	87		11/03/2024	1901
7440-66-6	Zinc	130		11/03/2024	1901

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

Comments:

EPA SAMPLE NO.

MYE4X8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-21

% Solids: 97.8 Date Received: 10/24/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.62	J	11/03/2024	1905
7440-38-2	Arsenic	48		11/03/2024	1905
7440-39-3	Barium	190		11/03/2024	1905
7440-41-7	Beryllium	0.57		11/03/2024	1905
7440-43-9	Cadmium	0.97		11/03/2024	1905
7440-47-3	Chromium	36		11/03/2024	1905
7440-48-4	Cobalt	20		11/03/2024	1905
7440-50-8	Copper	130	*	11/03/2024	1905
7439-92-1	Lead	38	*	11/03/2024	1905
7440-02-0	Nickel	41		11/03/2024	1905
7782-49-2	Selenium	1.9	U	11/03/2024	1905
7440-22-4	Silver	0.25	J*	11/03/2024	1905
7440-28-0	Thallium	0.23	J	11/03/2024	1905
7440-62-2	Vanadium	82		11/03/2024	1905
7440-66-6	Zinc	120		11/03/2024	1905

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

Comments:

EPA SAMPLE NO.

MYE4X9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51817 MA No. : 3225.1 SDG No.: MYE4T2

Matrix: SOIL Lab Sample ID: P4523-22

% Solids: 96.9 Date Received: 10/24/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.83	J	11/03/2024	1908
7440-38-2	Arsenic	57		11/03/2024	1908
7440-39-3	Barium	190		11/03/2024	1908
7440-41-7	Beryllium	0.72		11/03/2024	1908
7440-43-9	Cadmium	0.46		11/03/2024	1908
7440-47-3	Chromium	41		11/03/2024	1908
7440-48-4	Cobalt	23		11/03/2024	1908
7440-50-8	Copper	80	*	11/03/2024	1908
7439-92-1	Lead	19	*	11/03/2024	1908
7440-02-0	Nickel	41		11/03/2024	1908
7782-49-2	Selenium	2.3	U	11/03/2024	1908
7440-22-4	Silver	0.13	J*	11/03/2024	1908
7440-28-0	Thallium	0.16	J	11/03/2024	1908
7440-62-2	Vanadium	100		11/03/2024	1908
7440-66-6	Zinc	94		11/03/2024	1908

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

Comments:

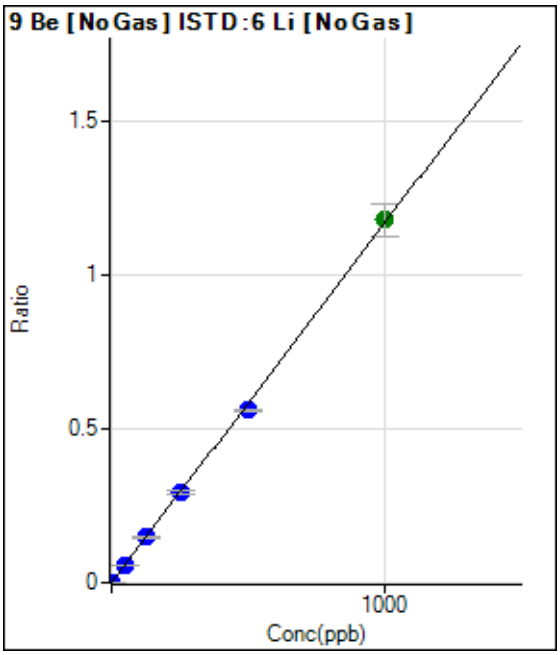
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On:11/7/2024 12:56:17 AM
Inst Id :P7

Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7110324-MS.b\
Analysis File: P7110324-MS.batch.bin
DA Date-Time: 2024-11-03 22:04:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-03 14:49:26
2	006CALS.d	S02	2024-11-03 14:55:59
3	007CALS.d	S03	2024-11-03 14:59:14
4	008CALS.d	S04	2024-11-03 15:02:17
5	009CALS.d	S05	2024-11-03 15:05:09
6	010CALS.d	S06	2024-11-03 15:07:58
7	011CALS.d	S07	2024-11-03 15:10:42
8	012CALS.d	S08	2024-11-03 15:13:27

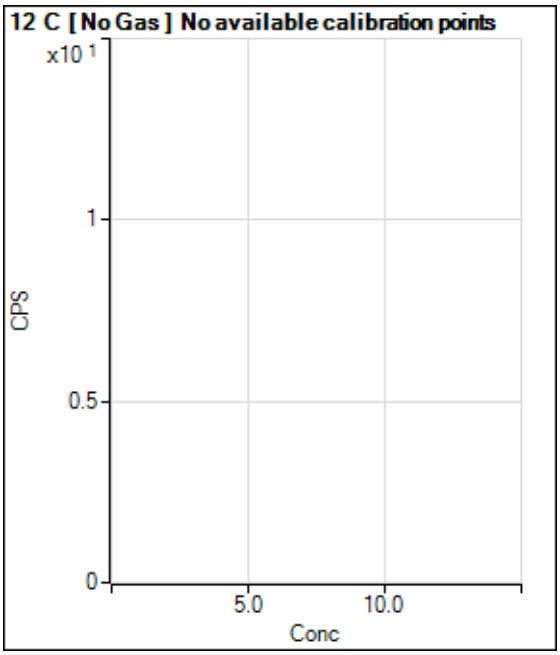
Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14.82	0.0000	P	58.0
2	☐	1.000	1.064	1572.33	0.0013	P	3.4
3	☐	50.000	49.707	74390.05	0.0581	P	0.3
4	☐	125.000	126.302	186183.74	0.1476	P	1.6
5	☐	250.000	251.506	369352.54	0.2939	P	2.6
6	☐	500.000	480.053	710635.90	0.5610	P	1.5
7	☐	1000.000	1009.449	1372038.43	1.1796	A	9.0
8	☐			262.97	0.0002	P	21.9

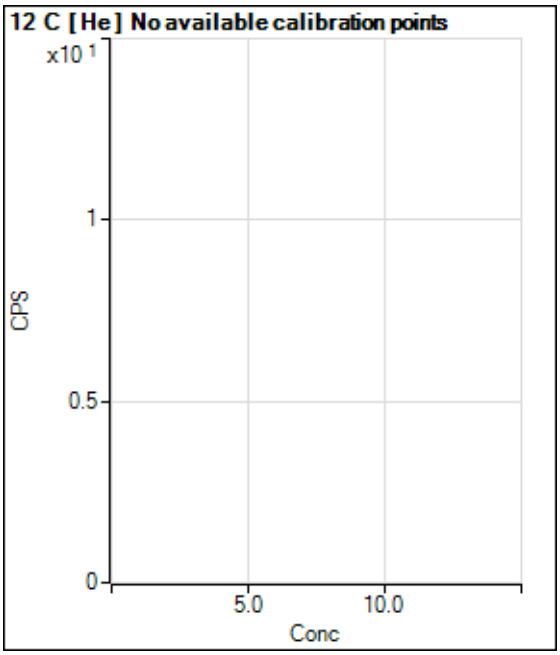
y = 0.0012 * x + 1.2152E-005
R = 0.9997
DL = 0.01811
BEC = 0.0104

Weight: <None>
Min Conc: 0

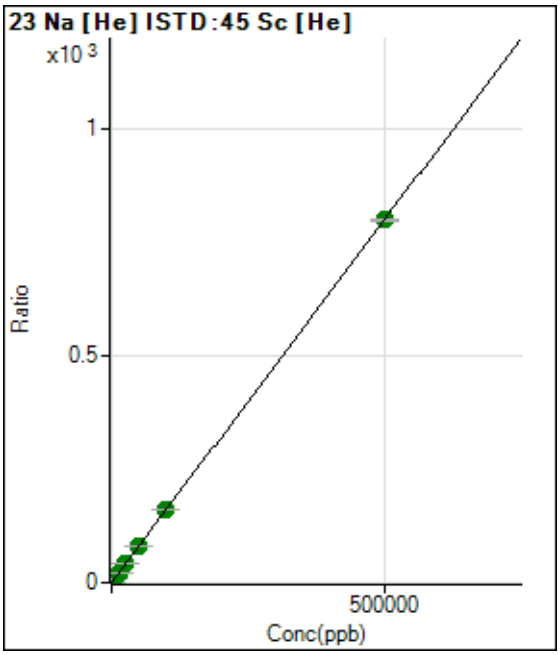


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
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6	☐						
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8	☐						

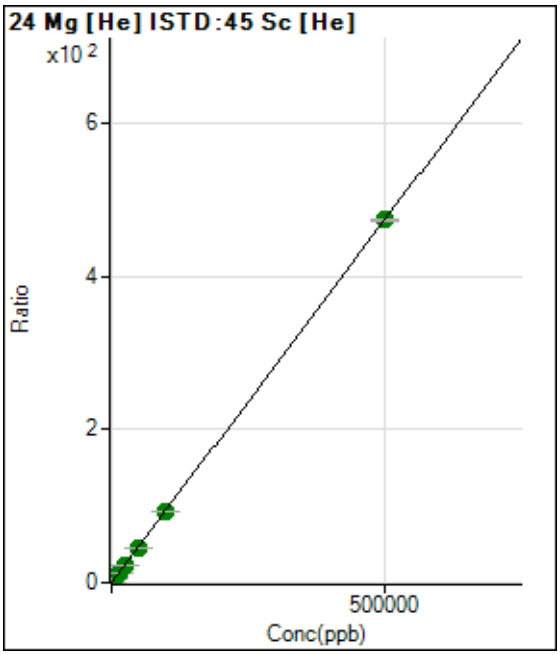


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15259.86	0.0446	P	0.6
2	☐	500.000	500.665	295251.37	0.8439	P	0.9
3	☐	5000.000	5083.898	2919003.95	8.1610	A	0.8
4	☐	12500.000	12753.863	7255495.24	20.4059	A	1.1
5	☐	25000.000	25370.164	14258092.98	40.5476	A	0.5
6	☐	50000.000	50069.108	28011396.25	79.9790	A	0.7
7	☐	100000.00	100390.89	56979258.60	160.3168	A	0.7
8	☐	500000.00	499889.21	298183448.8	798.1082	A	0.2

y = 0.0016 * x + 0.0446
R = 1.0000
DL = 0.5104
BEC = 27.96

Weight: <None>
Min Conc: 0

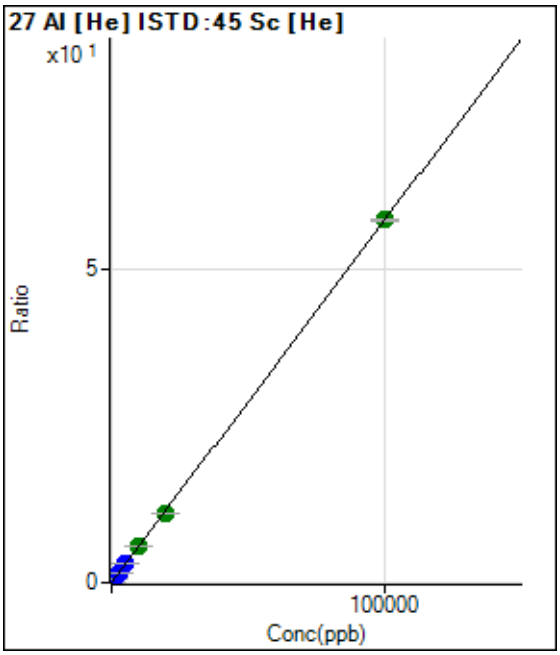
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1	☐	0.000	0.000	352.23	0.0010	P	12.6
2	☐	500.000	532.794	176806.38	0.5054	P	0.7
3	☐	5000.000	5018.977	1699732.02	4.7521	A	0.6
4	☐	12500.000	12686.589	4270398.06	12.0103	A	0.7
5	☐	25000.000	25035.584	8333846.13	23.7001	A	0.4
6	☐	50000.000	48882.751	16206563.37	46.2741	A	0.1
7	☐	100000.00	98190.510	33036214.23	92.9495	A	0.4
8	☐	500000.00	500466.95	176996228.4	473.7499	A	0.8

y = 9.4661E-004 * x + 0.0010
R = 1.0000
DL = 0.4105
BEC = 1.088

Weight: <None>
Min Conc: 0

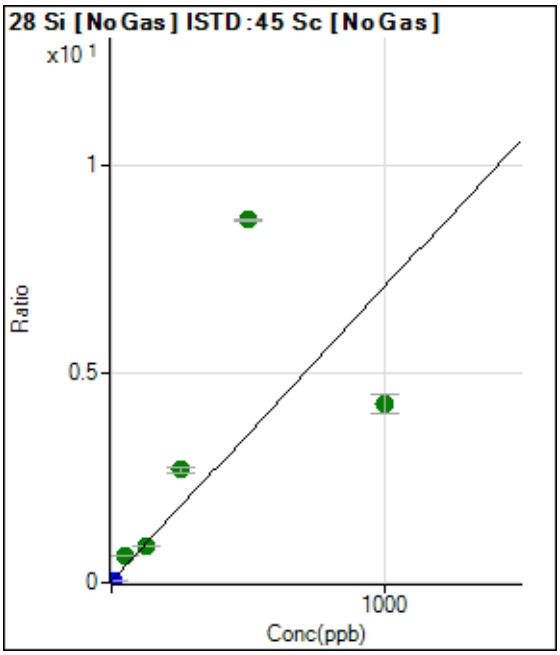


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2	☐	20.000	18.688	3959.44	0.0113	P	2.1
3	☐	1000.000	1022.752	211989.18	0.5927	P	0.1
4	☐	2500.000	2550.164	525198.13	1.4771	P	0.9
5	☐	5000.000	5103.611	1039284.72	2.9555	P	0.2
6	☐	10000.000	9882.100	2004156.52	5.7223	A	0.9
7	☐	20000.000	19259.991	3963709.49	11.1523	A	0.7
8	☐	100000.00	100153.13	21665951.76	57.9903	A	0.2

y = 5.7901E-004 * x + 4.9734E-004
R = 1.0000
DL = 0.6111
BEC = 0.8589

Weight: <None>
Min Conc: 0

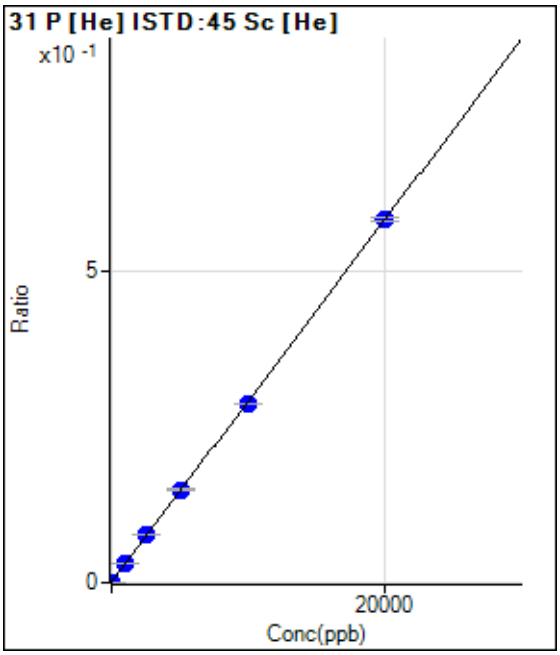
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1	☐	0.000	0.000	167463.42	0.0442	P	2.7
2	☐	10.000	0.770	189644.99	0.0496	P	0.8
3	☐	50.000	84.094	2504469.48	0.6364	A	0.1
4	☐	125.000	119.212	3518021.51	0.8837	A	1.2
5	☐	250.000	377.284	10551695.75	2.7011	A	4.1
6	☐	500.000	1226.758	34036431.72	8.6831	A	0.7
7	☐	1000.000	603.911	15361227.96	4.2970	A	10.8
8	☐			252171.17	0.0622	P	3.6

y = 0.0070 * x + 0.0442
R = 0.6788
DL = 0.5028
BEC = 6.278

Weight: <None>
Min Conc: 0

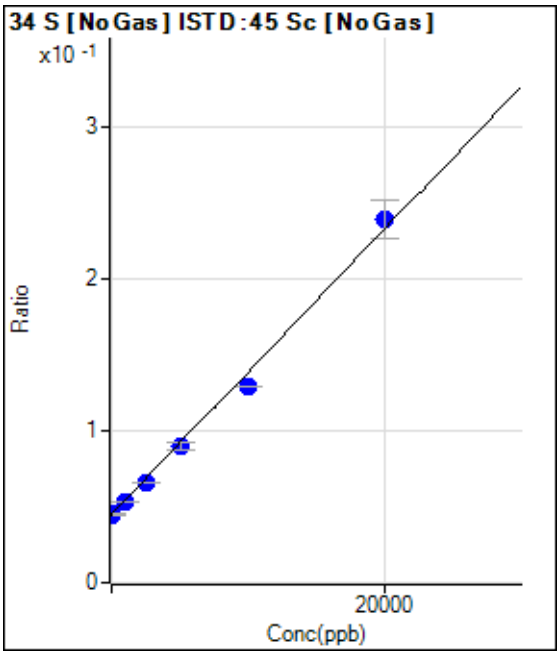


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	0.000	14.696	443.35	0.0013	P	10.9
3	☐	1000.000	1023.624	10939.54	0.0306	P	3.3
4	☐	2500.000	2605.241	27214.27	0.0765	P	0.6
5	☐	5000.000	5122.844	52636.80	0.1497	P	0.3
6	☐	10000.000	9875.740	100791.07	0.2878	P	0.6
7	☐	20000.000	20017.083	207012.95	0.5825	P	1.0
8	☐			256.67	0.0007	P	5.5

y = 2.9056E-005 * x + 8.3980E-004
R = 0.9999
DL = 9.616
BEC = 28.9

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-12.953	169432.65	0.0447	P	2.5
2	☐	0.000	12.953	171844.47	0.0450	P	0.6
3	☐	1000.000	882.755	209088.17	0.0531	P	0.5
4	☐	2500.000	2243.690	262341.64	0.0659	P	0.7
5	☐	5000.000	4737.752	348730.37	0.0893	P	5.2
6	☐	10000.000	8955.658	505191.11	0.1289	P	0.5
7	☐	20000.000	20625.634	852276.50	0.2384	P	10.6
8	☐			155837.48	0.0384	P	1.5

y = 9.3831E-006 * x + 0.0448

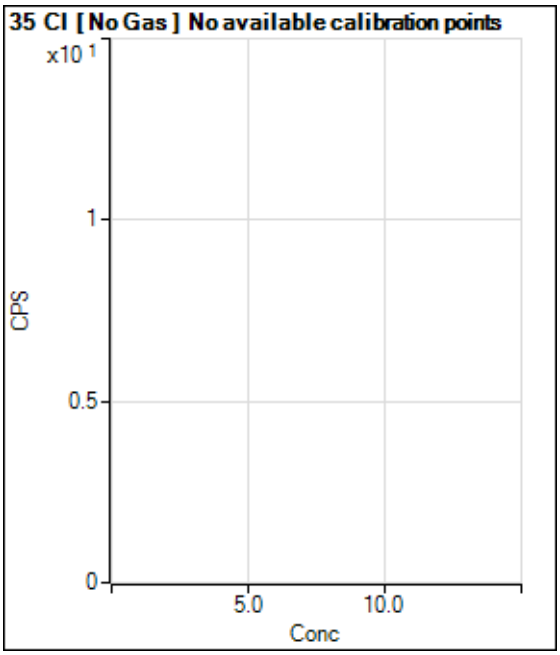
R = 0.9979

DL = 221.6

BEC = 4780

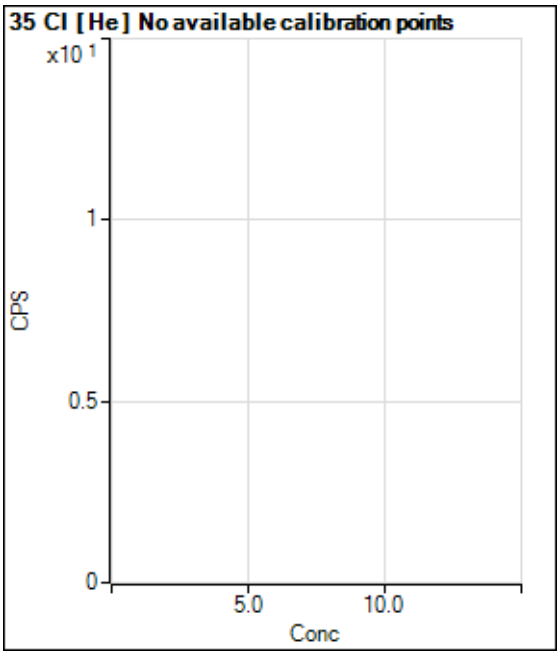
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Min Conc: 0

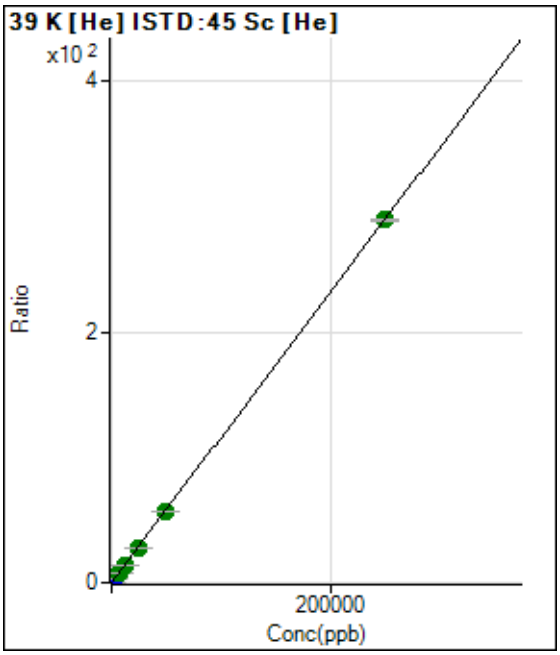


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7



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

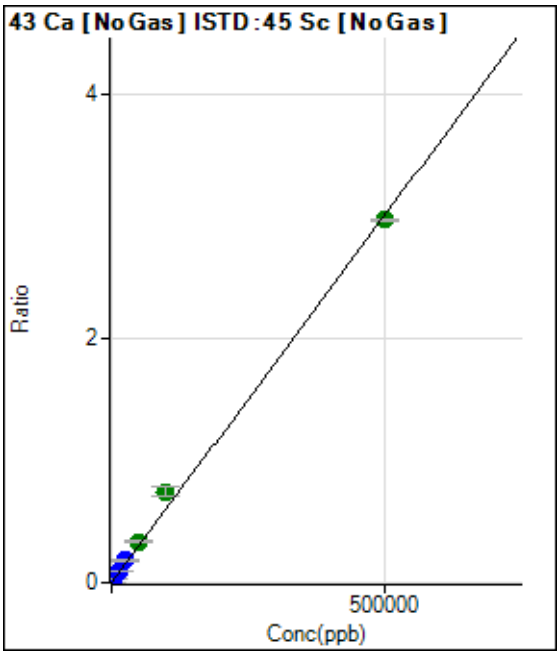


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38246.90	0.1119	P	1.0
2	☐	500.000	506.471	244173.46	0.6979	P	0.7
3	☐	2500.000	2665.321	1143104.11	3.1959	P	0.1
4	☐	6250.000	6311.898	2636634.44	7.4153	A	0.8
5	☐	12500.000	12448.807	5104326.87	14.5163	A	0.8
6	☐	25000.000	24297.173	9885423.05	28.2259	A	1.1
7	☐	50000.000	49048.874	20211064.14	56.8658	A	0.7
8	☐	250000.00	250259.85	108230066.1	289.6847	A	0.2

y = 0.0012 * x + 0.1119
R = 1.0000
DL = 2.776
BEC = 96.7

Weight: <None>
Min Conc: 0

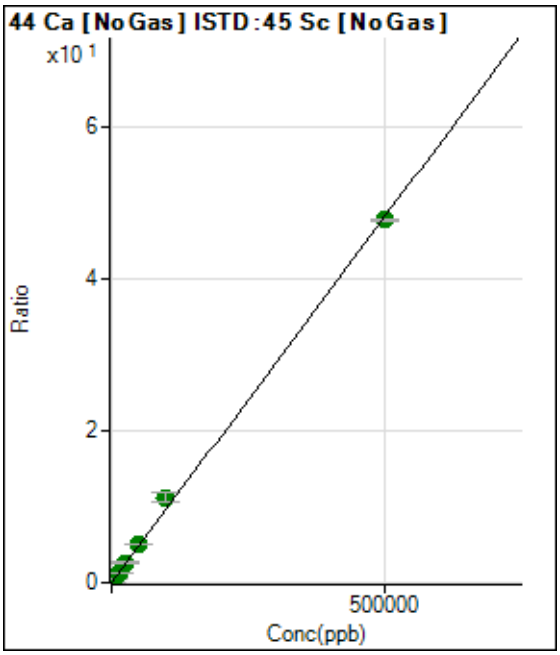
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	214.45	0.0001	P	13.4
2	☐	500.000	513.778	12021.49	0.0031	P	2.4
3	☐	5000.000	6028.143	142860.11	0.0363	P	1.0
4	☐	12500.000	15083.669	361269.55	0.0907	P	1.1
5	☐	25000.000	30340.651	712718.38	0.1825	P	4.7
6	☐	50000.000	55987.492	1319719.30	0.3367	A	1.3
7	☐	100000.00	124303.24	2671134.93	0.7474	A	11.3
8	☐	500000.00	494198.68	12058195.24	2.9715	A	0.5

y = 6.0126E-006 * x + 5.6678E-005
R = 0.9987
DL = 3.783
BEC = 9.427

Weight: <None>
Min Conc: 0

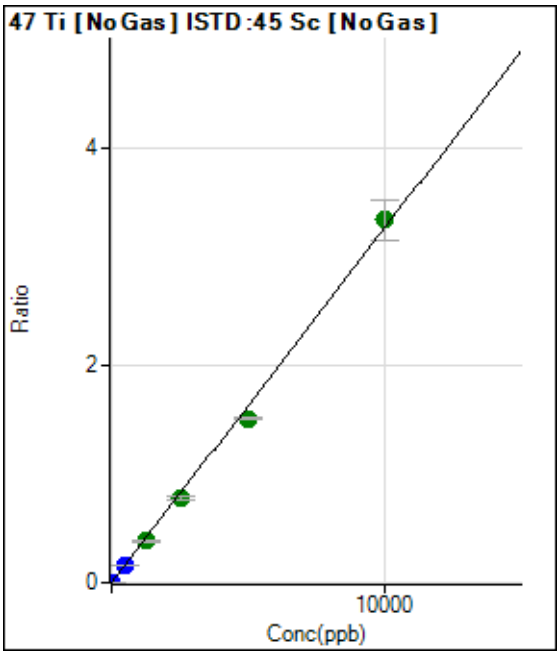


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7887.96	0.0021	P	2.9
2	☐	500.000	526.880	201317.82	0.0527	P	1.5
3	☐	5000.000	5434.118	2062000.70	0.5240	A	0.1
4	☐	12500.000	13504.215	5171186.48	1.2990	A	0.9
5	☐	25000.000	27242.553	10224997.42	2.6184	A	5.2
6	☐	50000.000	52619.746	19816780.54	5.0556	A	1.1
7	☐	100000.00	116521.38	40010573.01	11.1926	A	10.8
8	☐	500000.00	496292.14	193427061.5	47.6651	A	0.4

y = 9.6038E-005 * x + 0.0021
R = 0.9994
DL = 1.858
BEC = 21.68

Weight: <None>
Min Conc: 0

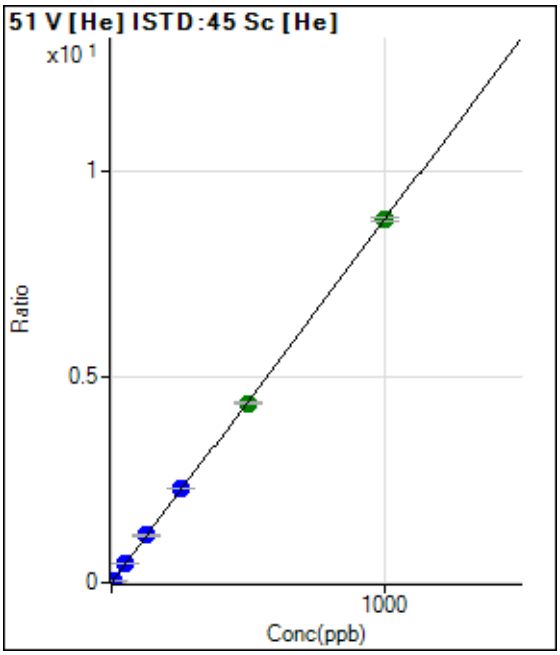
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0000	P	6.9
2	☐	5.000	4.299	5444.35	0.0014	P	3.1
3	☐	500.000	484.175	622053.33	0.1581	P	0.7
4	☐	1250.000	1175.609	1527649.99	0.3838	A	1.8
5	☐	2500.000	2369.620	3020976.52	0.7735	A	4.8
6	☐	5000.000	4616.562	5906969.70	1.5070	A	1.1
7	☐	10000.000	10234.405	11942353.43	3.3407	A	10.8
8	☐			2092.40	0.0005	P	12.6

y = 3.2642E-004 * x + 2.1388E-005
R = 0.9988
DL = 0.01363
BEC = 0.06552

Weight: <None>
Min Conc: 0

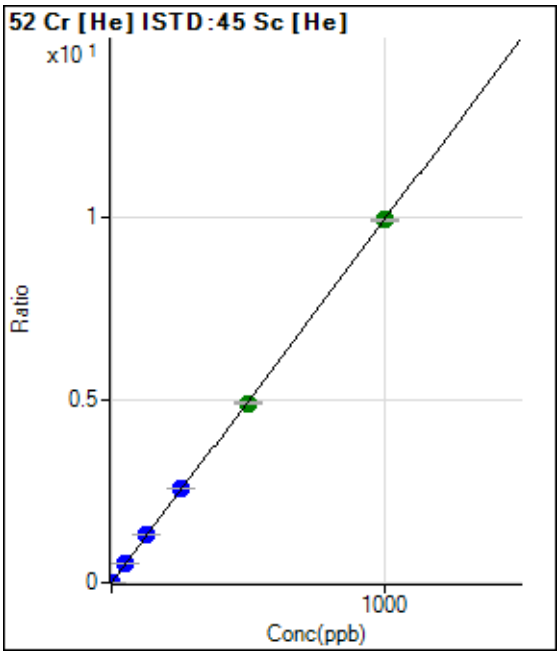


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	43.6
2	☐	5.000	4.973	15353.44	0.0439	P	1.8
3	☐	50.000	51.453	162332.41	0.4539	P	0.5
4	☐	125.000	130.076	407941.29	1.1473	P	0.7
5	☐	250.000	258.815	802737.82	2.2829	P	0.4
6	☐	500.000	494.616	1527950.62	4.3627	A	0.4
7	☐	1000.000	999.781	3134194.67	8.8184	A	1.1
8	☐			865.59	0.0023	P	8.3

y = 0.0088 * x + 2.6031E-005
R = 0.9999
DL = 0.003859
BEC = 0.002951

Weight: <None>
Min Conc: 0

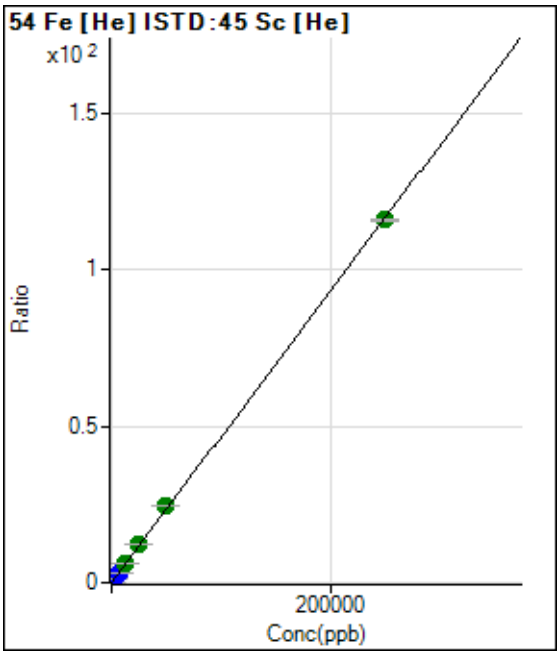
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	498.90	0.0015	P	10.4
2	☐	2.000	1.989	7431.88	0.0212	P	2.1
3	☐	50.000	52.002	185501.45	0.5186	P	0.6
4	☐	125.000	129.989	460186.11	1.2942	P	0.2
5	☐	250.000	259.050	906460.41	2.5778	P	0.2
6	☐	500.000	494.732	1723774.66	4.9218	A	0.8
7	☐	1000.000	999.648	3534114.70	9.9434	A	0.4
8	☐			11948.34	0.0320	P	1.6

y = 0.0099 * x + 0.0015
R = 0.9999
DL = 0.04577
BEC = 0.1468

Weight: <None>
Min Conc: 0

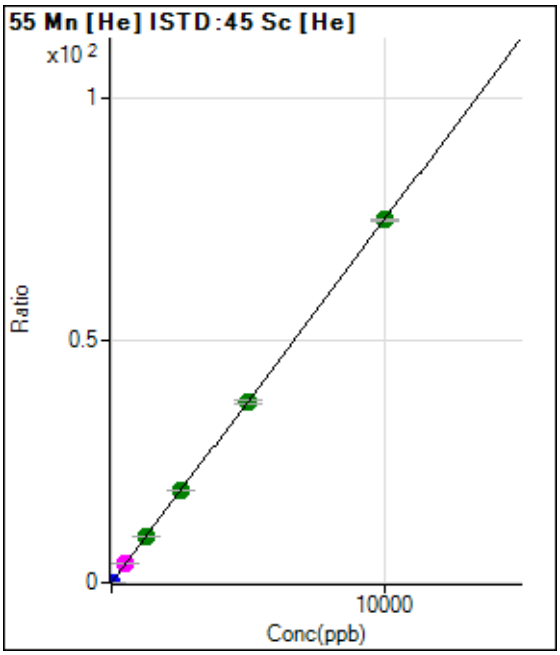


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1801.24	0.0053	P	5.8
2	☐	50.000	60.546	11687.94	0.0334	P	1.7
3	☐	2500.000	2816.538	470103.44	1.3143	P	0.4
4	☐	6250.000	7107.633	1176466.45	3.3087	P	0.9
5	☐	12500.000	13574.245	2220372.80	6.3143	A	0.1
6	☐	25000.000	26379.468	4295968.58	12.2659	A	1.5
7	☐	50000.000	52721.961	8710999.17	24.5093	A	0.9
8	☐	250000.00	249239.34	43281400.47	115.8463	A	0.5

y = 4.6478E-004 * x + 0.0053
R = 0.9999
DL = 1.977
BEC = 11.34

Weight: <None>
Min Conc: 0

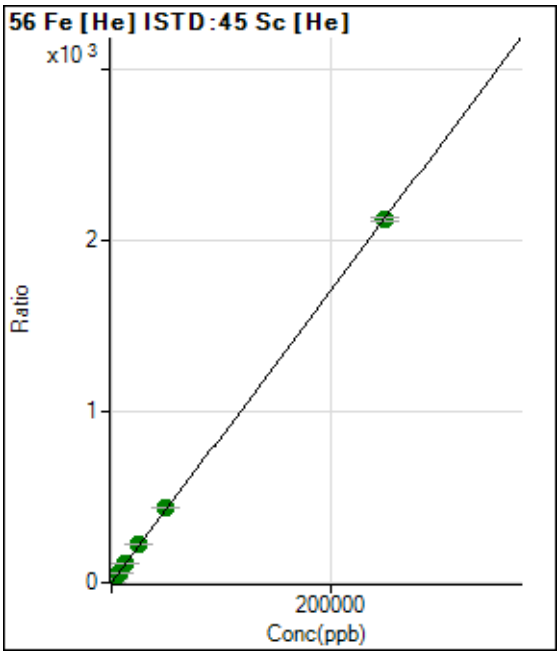
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	532.24	0.0016	P	13.1
2	☐	1.000	0.987	3137.02	0.0090	P	2.1
3	☐	500.000	511.810	1374312.83	3.8424	M	1.0
4	☐	1250.000	1288.007	3437467.45	9.6674	A	0.6
5	☐	2500.000	2553.591	6739005.53	19.1650	A	0.7
6	☐	5000.000	4978.245	13085199.94	37.3609	A	1.3
7	☐	10000.000	9992.138	26652095.16	74.9877	A	0.6
8	☐			14964.17	0.0401	P	1.1

y = 0.0075 * x + 0.0016
R = 1.0000
DL = 0.08128
BEC = 0.2075

Weight: <None>
Min Conc: 0

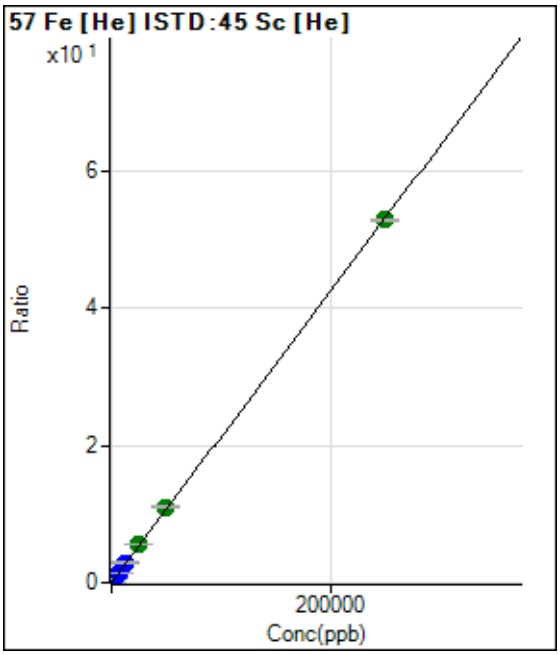


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18780.69	0.0549	P	1.2
2	☐	50.000	59.669	196848.62	0.5627	P	0.5
3	☐	2500.000	2666.397	8134615.37	22.7430	A	0.3
4	☐	6250.000	6739.197	20408301.36	57.3979	A	0.6
5	☐	12500.000	13305.434	39829232.18	113.2692	A	0.5
6	☐	25000.000	26139.218	77916816.62	222.4702	A	0.9
7	☐	50000.000	51961.383	157164223.2	442.1877	A	0.5
8	☐	250000.00	249439.63	792980859.3	2,122.505	A	0.9

y = 0.0085 * x + 0.0549
R = 1.0000
DL = 0.2418
BEC = 6.457

Weight: <None>
Min Conc: 0

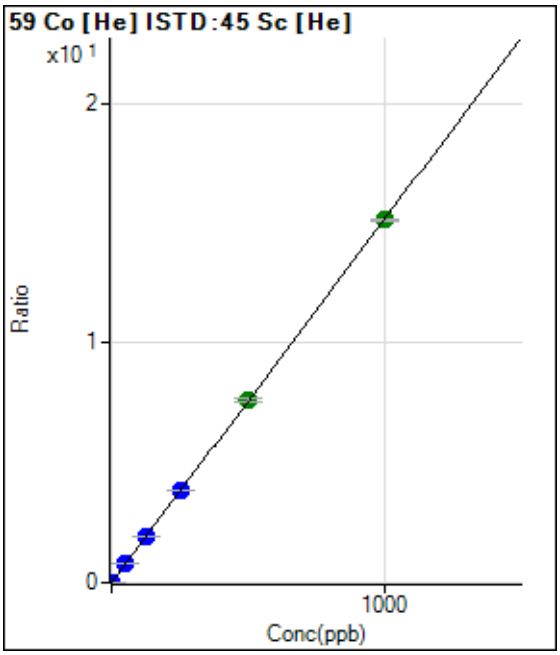
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1275.62	0.0037	P	4.2
2	☐	50.000	60.426	5793.39	0.0166	P	2.7
3	☐	2500.000	2756.744	210649.29	0.5889	P	0.6
4	☐	6250.000	6971.599	527534.80	1.4837	P	1.1
5	☐	12500.000	13825.356	1033323.17	2.9387	P	0.6
6	☐	25000.000	26043.676	1937614.45	5.5324	A	0.2
7	☐	50000.000	51918.617	3918797.86	11.0253	A	1.1
8	☐	250000.00	249425.03	19783910.96	52.9531	A	0.4

y = 2.1229E-004 * x + 0.0037
R = 1.0000
DL = 2.239
BEC = 17.58

Weight: <None>
Min Conc: 0

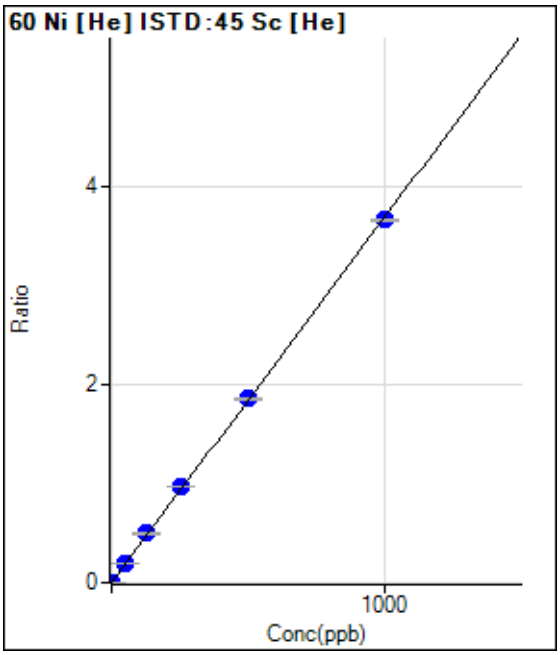


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.12	0.0004	P	8.9
2	☐	1.000	1.032	5632.22	0.0161	P	2.8
3	☐	50.000	50.740	275435.99	0.7701	P	0.0
4	☐	125.000	128.530	693332.52	1.9500	P	0.6
5	☐	250.000	253.136	1350312.93	3.8400	P	0.3
6	☐	500.000	500.829	2660677.32	7.5970	A	1.9
7	☐	1000.000	998.323	5382099.29	15.1430	A	0.7
8	☐			15046.53	0.0403	P	1.5

y = 0.0152 * x + 4.4210E-004
R = 1.0000
DL = 0.007767
BEC = 0.02915

Weight: <None>
Min Conc: 0

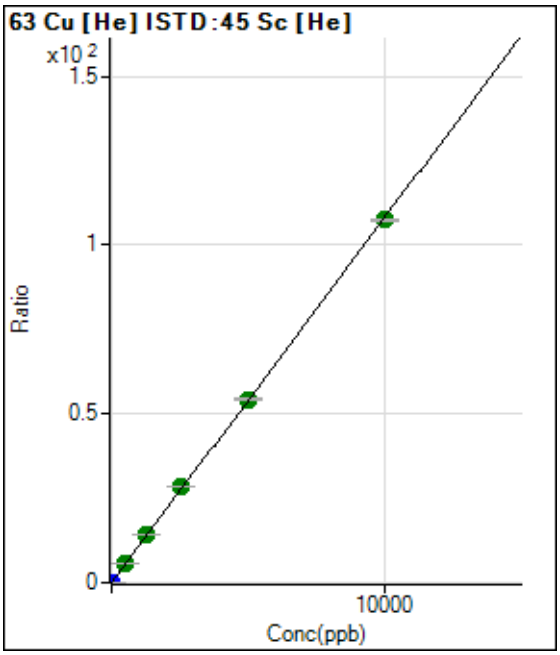
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0003	P	12.9
2	☐	1.000	1.053	1470.09	0.0042	P	3.0
3	☐	50.000	53.599	70964.48	0.1984	P	0.8
4	☐	125.000	134.281	176565.46	0.4966	P	0.5
5	☐	250.000	263.576	342647.79	0.9744	P	0.6
6	☐	500.000	503.811	652217.44	1.8623	P	1.0
7	☐	1000.000	993.360	1304964.94	3.6716	P	0.2
8	☐			5264.30	0.0141	P	2.8

y = 0.0037 * x + 3.0874E-004
R = 0.9999
DL = 0.03233
BEC = 0.08354

Weight: <None>
Min Conc: 0

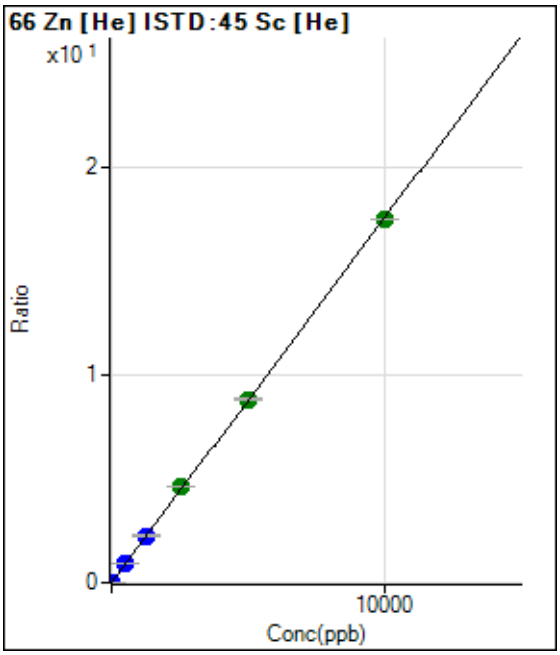


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	795.59	0.0023	P	11.8
2	☐	2.000	1.860	7846.59	0.0224	P	1.7
3	☐	500.000	529.976	2049101.98	5.7290	A	0.9
4	☐	1250.000	1326.794	5098448.19	14.3391	A	0.4
5	☐	2500.000	2612.563	9927718.67	28.2327	A	0.1
6	☐	5000.000	5031.088	19040290.69	54.3663	A	1.0
7	☐	10000.000	9945.217	38196039.43	107.4664	A	0.3
8	☐			10099.02	0.0270	P	2.7

y = 0.0108 * x + 0.0023
R = 0.9999
DL = 0.07647
BEC = 0.2154

Weight: <None>
Min Conc: 0

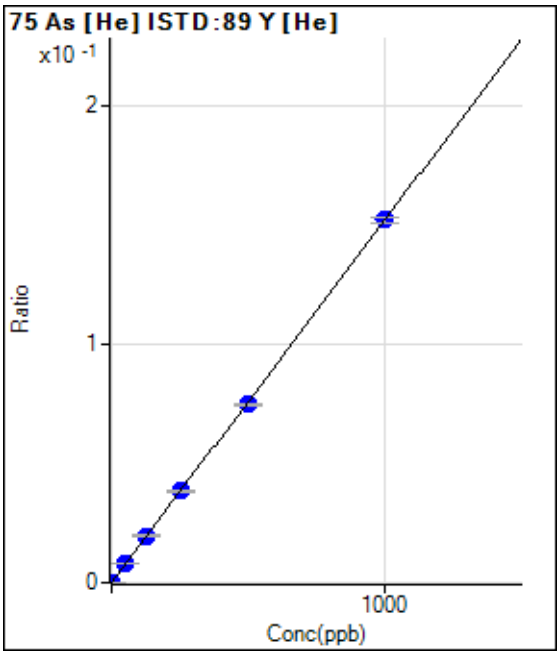
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	478.90	0.0014	P	5.3
2	☐	2.000	5.032	3582.69	0.0102	P	5.1
3	☐	500.000	513.289	323054.57	0.9032	P	0.3
4	☐	1250.000	1288.911	805664.70	2.2659	P	0.6
5	☐	2500.000	2627.188	1623552.72	4.6172	A	0.5
6	☐	5000.000	5030.308	3095704.92	8.8393	A	1.1
7	☐	10000.000	9947.520	6212306.99	17.4784	A	0.1
8	☐			3532.67	0.0095	P	2.3

y = 0.0018 * x + 0.0014
R = 0.9999
DL = 0.1275
BEC = 0.7975

Weight: <None>
Min Conc: 0

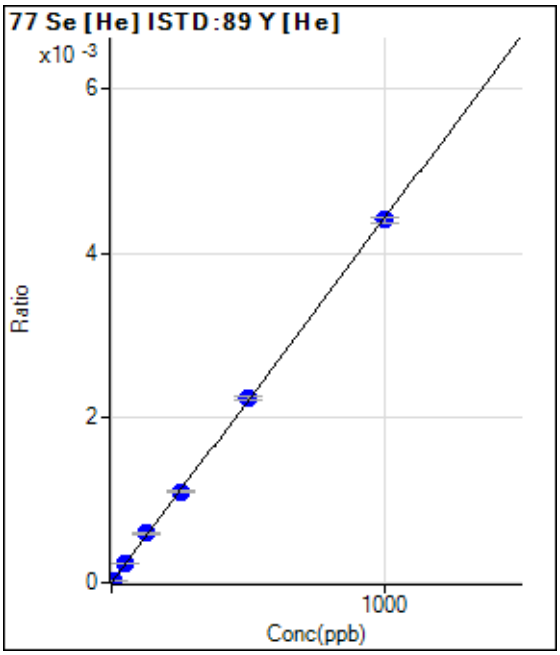


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	0.7
2	☐	1.000	1.142	494.46	0.0002	P	5.3
3	☐	50.000	50.685	22237.82	0.0077	P	0.4
4	☐	125.000	129.665	56057.47	0.0197	P	1.9
5	☐	250.000	253.566	110394.14	0.0386	P	1.5
6	☐	500.000	493.474	211915.99	0.0751	P	1.1
7	☐	1000.000	1001.754	434287.60	0.1524	P	1.3
8	☐			312.23	0.0001	P	14.3

y = 1.5218E-004 * x + 1.1964E-006
R = 1.0000
DL = 0.0001601
BEC = 0.007862

Weight: <None>
Min Conc: 0

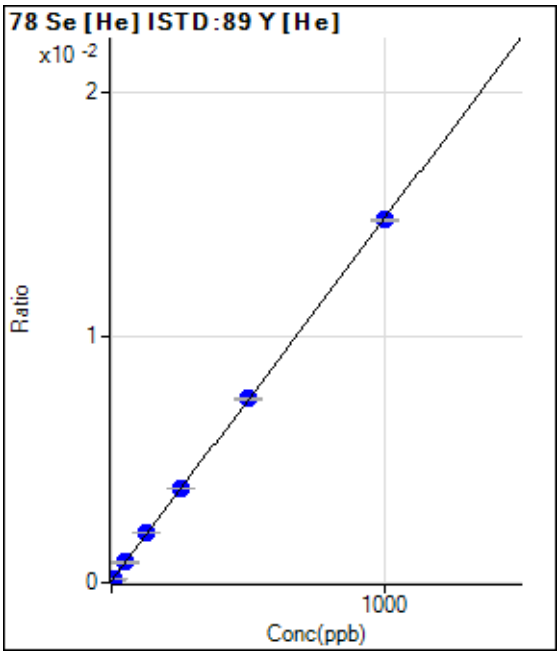
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.709	58.89	0.0000	P	21.2
3	☐	50.000	53.321	681.13	0.0002	P	7.5
4	☐	125.000	135.895	1711.23	0.0006	P	2.5
5	☐	250.000	250.357	3174.81	0.0011	P	1.8
6	☐	500.000	506.166	6330.28	0.0022	P	2.1
7	☐	1000.000	995.301	12566.51	0.0044	P	1.6
8	☐			3.33	0.0000	P	99.5

y = 4.4322E-006 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

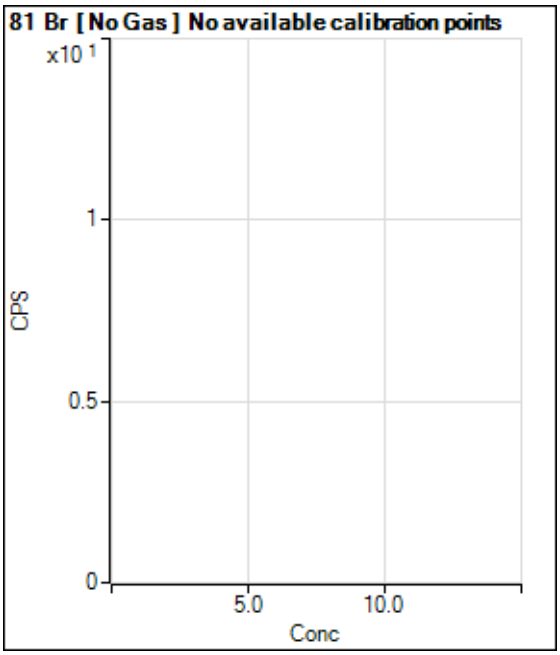


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0001	P	15.7
2	☐	5.000	5.109	410.01	0.0001	P	12.6
3	☐	50.000	51.629	2396.88	0.0008	P	5.0
4	☐	125.000	132.922	5770.06	0.0020	P	1.5
5	☐	250.000	256.117	11010.83	0.0038	P	1.2
6	☐	500.000	502.364	21115.17	0.0075	P	1.7
7	☐	1000.000	996.216	42076.27	0.0148	P	0.2
8	☐			250.01	0.0001	P	5.7

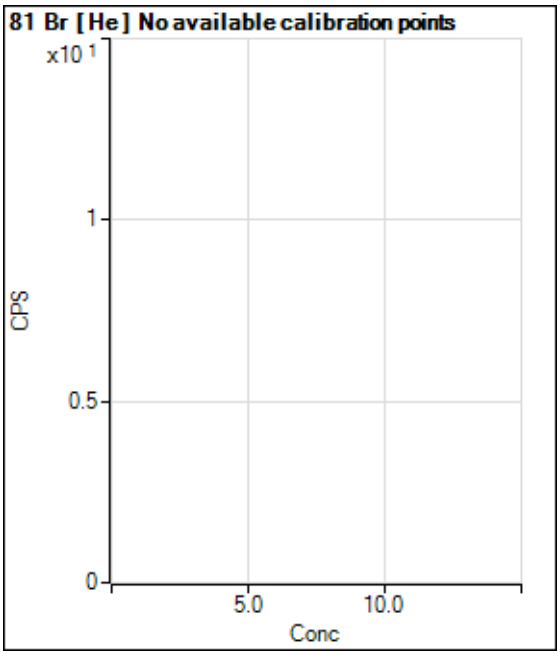
y = 1.4755E-005 * x + 6.9839E-005
R = 1.0000
DL = 2.229
BEC = 4.733

Weight: <None>
Min Conc: 0

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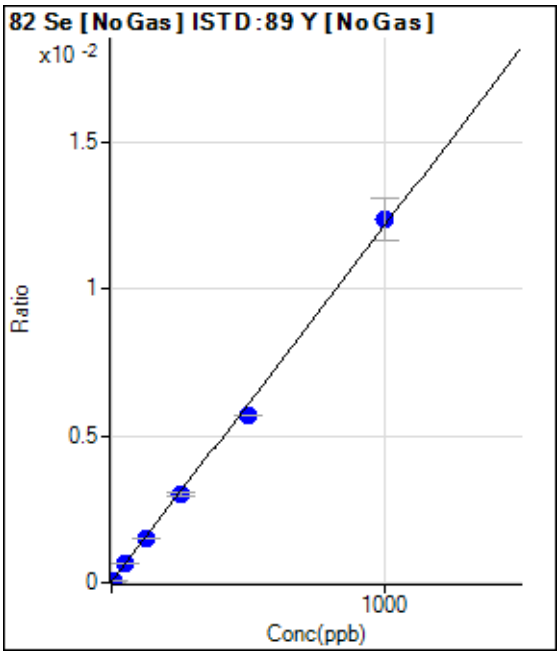


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8028.92		P	4.4
2	☐			8229.03		P	0.4
3	☐			8531.42		P	2.4
4	☐			8703.75		P	0.2
5	☐			8627.02		P	1.4
6	☐			8621.48		P	2.2
7	☐			8444.72		P	2.0
8	☐			9356.36		P	4.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			41.11		P	49.5
2	☐			52.22		P	13.3
3	☐			46.67		P	14.3
4	☐			40.00		P	16.7
5	☐			35.56		P	14.3
6	☐			42.22		P	29.9
7	☐			40.00		P	22.0
8	☐			87.78		P	15.3

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	331.45	0.0000	P	17.1
2	☐	5.000	4.652	987.50	0.0001	P	1.1
3	☐	50.000	49.275	7508.10	0.0006	P	0.9
4	☐	125.000	122.997	18323.80	0.0015	P	0.4
5	☐	250.000	247.168	36157.07	0.0030	P	4.2
6	☐	500.000	468.658	68979.03	0.0057	P	0.6
7	☐	1000.000	1016.668	136769.16	0.0123	P	11.5
8	☐			519.65	0.0000	P	8.8

y = 1.2104E-005 * x + 2.9055E-005

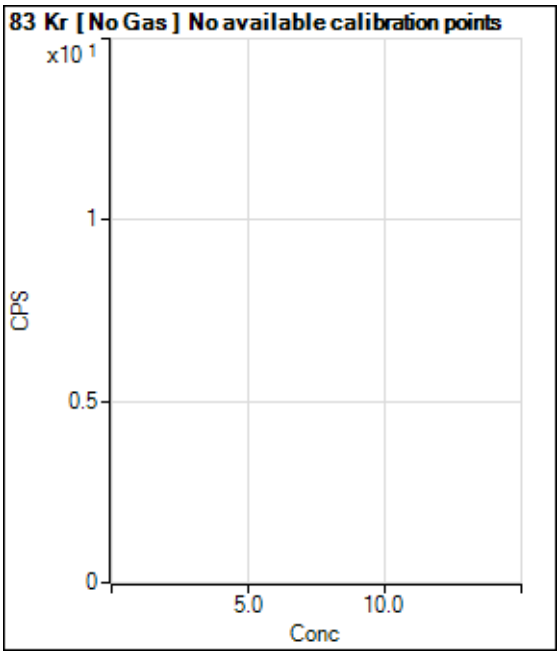
R = 0.9993

DL = 1.234

BEC = 2.4

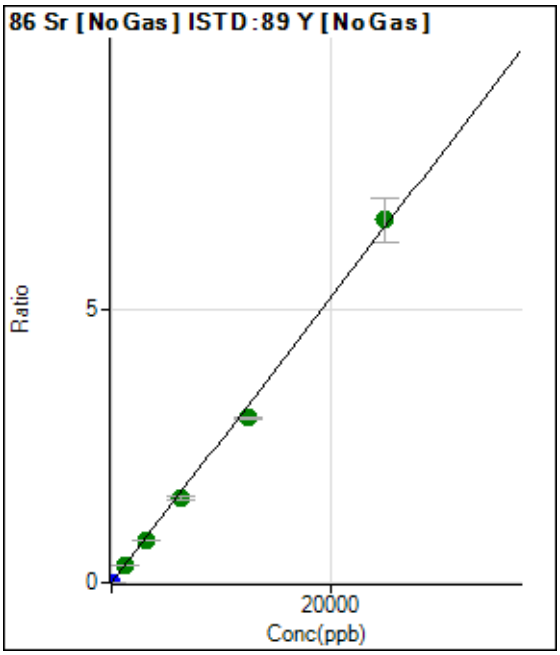
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			175.56		P	12.2
2	☐			183.34		P	9.6
3	☐			184.45		P	27.6
4	☐			184.45		P	15.8
5	☐			192.22		P	17.1
6	☐			184.45		P	27.1
7	☐			200.00		P	13.0
8	☐			232.22		P	16.0

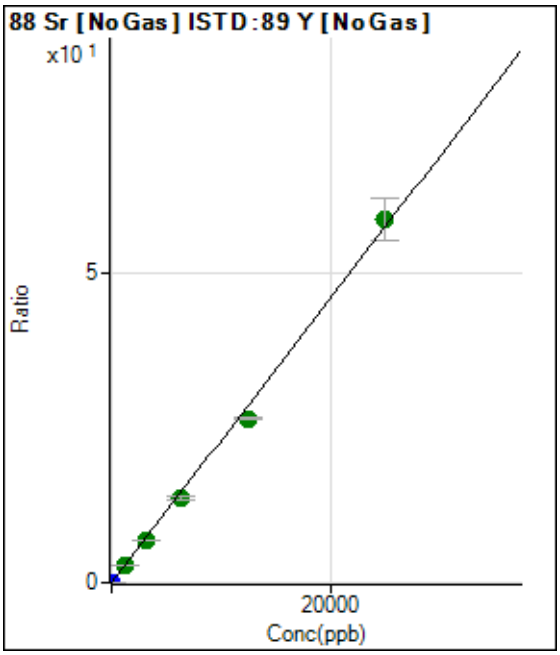
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.78	0.0000	P	18.9
2	☐	1.000	0.883	2963.66	0.0003	P	2.3
3	☐	1250.000	1191.339	3726929.67	0.3105	A	0.4
4	☐	3125.000	3008.621	9465226.39	0.7840	A	0.6
5	☐	6250.000	6017.256	18767489.58	1.5681	A	4.5
6	☐	12500.000	11578.235	36501219.45	3.0172	A	0.6
7	☐	25000.000	25536.549	73741677.24	6.6545	A	12.4
8	☐			14204.75	0.0012	P	5.3

y = 2.6059E-004 * x + 2.6117E-005
R = 0.9990
DL = 0.05683
BEC = 0.1002

Weight: <None>
Min Conc: 0

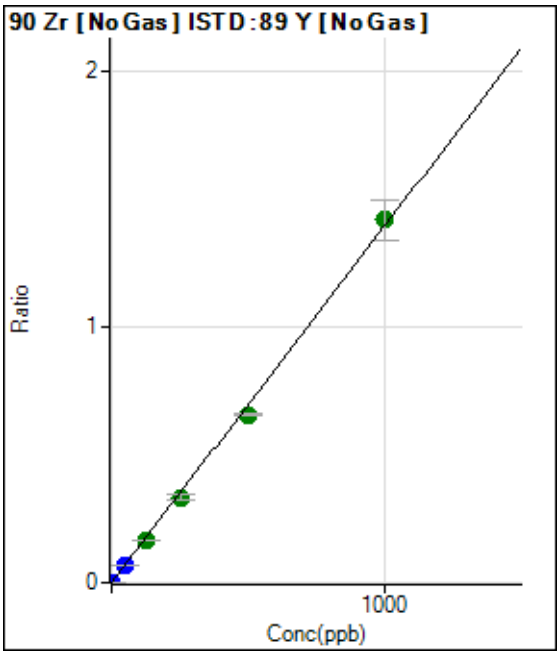


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	228.89	0.0000	P	8.8
2	☐	1.000	0.914	24511.61	0.0021	P	2.0
3	☐	1250.000	1192.637	32880560.07	2.7391	A	0.7
4	☐	3125.000	2985.221	82768434.88	6.8561	A	1.4
5	☐	6250.000	6003.600	165021407.5	13.7884	A	4.6
6	☐	12500.000	11569.014	321450428.5	26.5705	A	1.1
7	☐	25000.000	25547.434	650481132.5	58.6746	A	11.8
8	☐			121176.64	0.0101	P	6.2

y = 0.0023 * x + 2.0030E-005
R = 0.9989
DL = 0.002303
BEC = 0.008721

Weight: <None>
Min Conc: 0

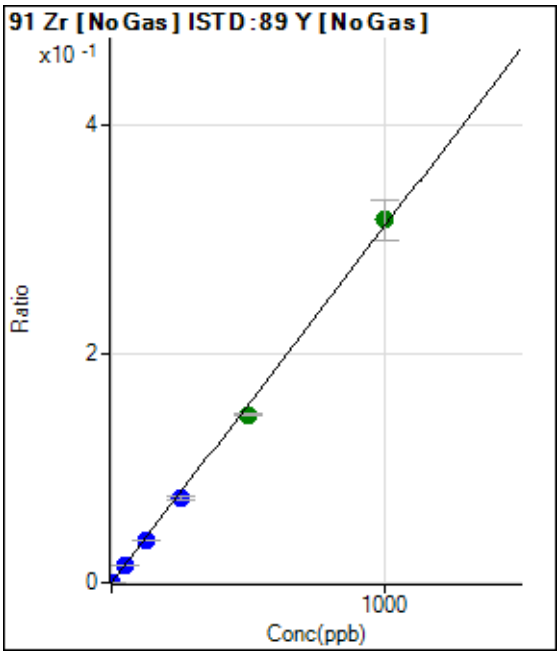
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.56	0.0000	P	7.1
2	☐	1.000	0.891	14757.50	0.0013	P	4.2
3	☐	50.000	47.110	788990.72	0.0657	P	1.1
4	☐	125.000	120.506	2029061.13	0.1681	A	0.8
5	☐	250.000	239.969	4004844.90	0.3347	A	4.9
6	☐	500.000	471.000	7946359.40	0.6568	A	0.7
7	☐	1000.000	1017.714	15742942.68	1.4192	A	10.9
8	☐			9327.46	0.0008	P	3.2

y = 0.0014 * x + 3.2888E-005
R = 0.9993
DL = 0.004992
BEC = 0.02358

Weight: <None>
Min Conc: 0

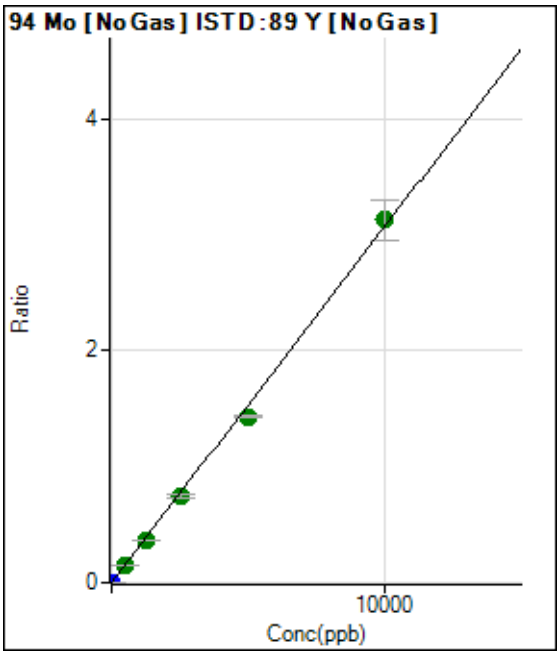


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.22	0.0000	P	19.8
2	☐	1.000	0.898	3341.52	0.0003	P	1.0
3	☐	50.000	46.967	175824.52	0.0146	P	1.0
4	☐	125.000	118.037	444236.37	0.0368	P	1.1
5	☐	250.000	238.314	888996.44	0.0743	P	4.7
6	☐	500.000	471.439	1777679.52	0.1469	A	1.1
7	☐	1000.000	1018.224	3519709.70	0.3174	A	11.2
8	☐			2141.29	0.0002	P	4.5

y = 3.1167E-004 * x + 8.9411E-006
R = 0.9993
DL = 0.01704
BEC = 0.02869

Weight: <None>
Min Conc: 0

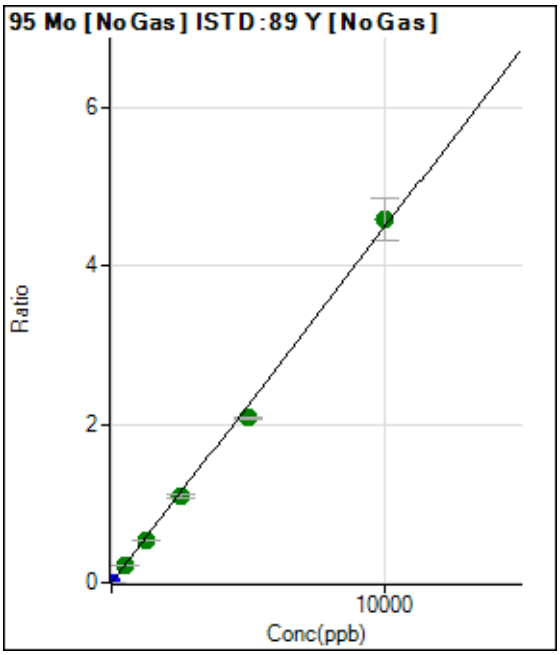
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.12	0.0000	P	6.0
2	☐	5.000	4.944	17683.02	0.0015	P	0.9
3	☐	500.000	475.788	1750815.94	0.1458	A	0.4
4	☐	1250.000	1199.877	4440100.73	0.3678	A	1.0
5	☐	2500.000	2410.374	8842411.47	0.7388	A	4.6
6	☐	5000.000	4667.268	17306824.05	1.4306	A	1.2
7	☐	10000.000	10196.248	34670997.54	3.1253	A	10.8
8	☐			9002.85	0.0007	P	2.7

y = 3.0651E-004 * x + 1.3243E-005
R = 0.9992
DL = 0.007713
BEC = 0.0432

Weight: <None>
Min Conc: 0

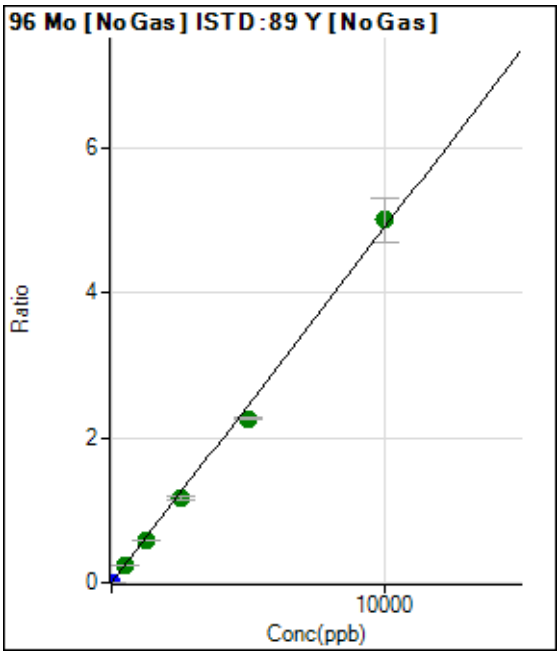


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0000	P	1.4
2	☐	5.000	4.123	21451.31	0.0019	P	1.3
3	☐	500.000	476.850	2571470.76	0.2142	A	0.6
4	☐	1250.000	1194.038	6475672.47	0.5364	A	0.7
5	☐	2500.000	2415.261	12986151.89	1.0850	A	4.4
6	☐	5000.000	4639.664	25214686.57	2.0843	A	0.9
7	☐	10000.000	10209.506	50850307.02	4.5864	A	11.6
8	☐			8614.83	0.0007	P	10.4

y = 4.4923E-004 * x + 2.3362E-006
R = 0.9990
DL = 0.0002261
BEC = 0.0052

Weight: <None>
Min Conc: 0

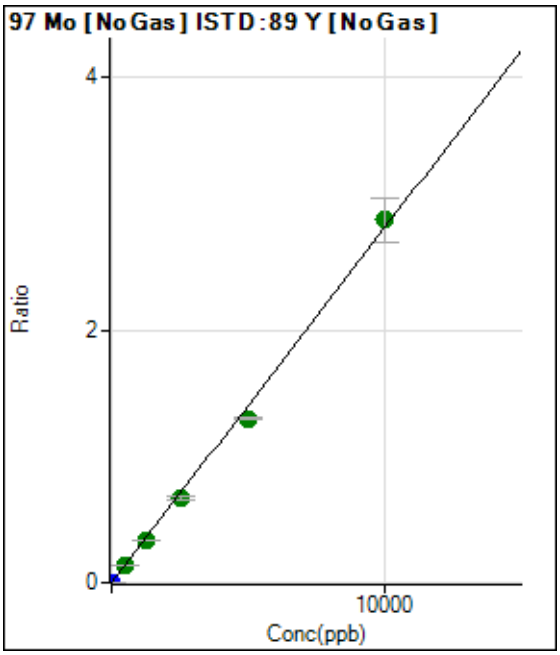
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	17.8
2	☐	5.000	4.228	24046.46	0.0021	P	1.2
3	☐	500.000	477.077	2802983.50	0.2335	A	0.8
4	☐	1250.000	1188.987	7025533.92	0.5819	A	0.6
5	☐	2500.000	2403.159	14075964.93	1.1762	A	4.8
6	☐	5000.000	4630.389	27417137.37	2.2663	A	0.8
7	☐	10000.000	10217.789	55438131.40	5.0009	A	11.9
8	☐			19552.07	0.0016	P	4.3

y = 4.8943E-004 * x + 9.3574E-006
R = 0.9990
DL = 0.01019
BEC = 0.01912

Weight: <None>
Min Conc: 0

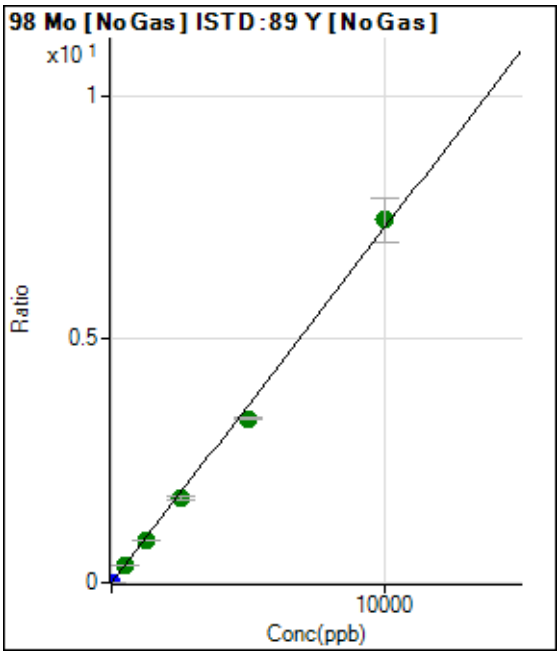


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	32.0
2	☐	5.000	4.132	13448.50	0.0012	P	2.0
3	☐	500.000	471.681	1590776.70	0.1325	A	1.5
4	☐	1250.000	1179.713	4001497.16	0.3315	A	0.6
5	☐	2500.000	2386.757	8026211.89	0.6706	A	4.4
6	☐	5000.000	4622.822	15713078.24	1.2988	A	0.8
7	☐	10000.000	10227.102	31844431.47	2.8734	A	12.3
8	☐			5467.75	0.0005	P	8.2

y = 2.8096E-004 * x + 1.7463E-006
R = 0.9989
DL = 0.005973
BEC = 0.006215

Weight: <None>
Min Conc: 0

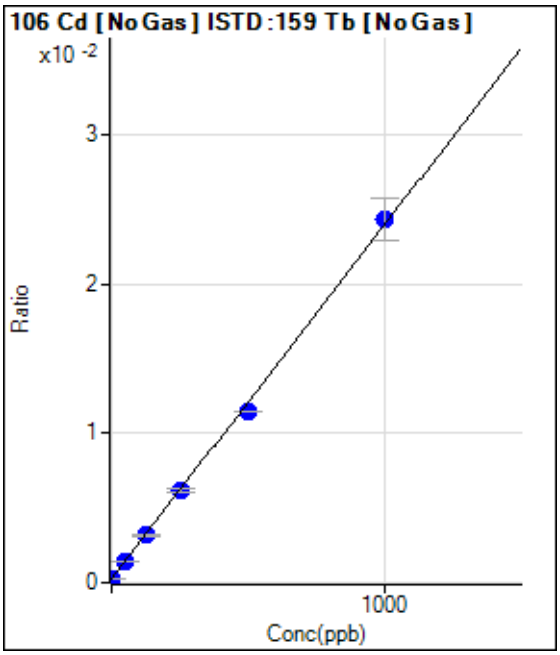
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	22.2
2	☐	5.000	4.094	34530.73	0.0030	P	2.0
3	☐	500.000	470.527	4113353.45	0.3427	A	0.9
4	☐	1250.000	1181.231	10385230.68	0.8602	A	0.6
5	☐	2500.000	2397.544	20896203.30	1.7460	A	4.6
6	☐	5000.000	4620.167	40705629.67	3.3647	A	0.9
7	☐	10000.000	10225.600	82548220.43	7.4469	A	11.9
8	☐			13463.00	0.0011	P	7.3

y = 7.2826E-004 * x + 3.5046E-006
R = 0.9989
DL = 0.003198
BEC = 0.004812

Weight: <None>
Min Conc: 0

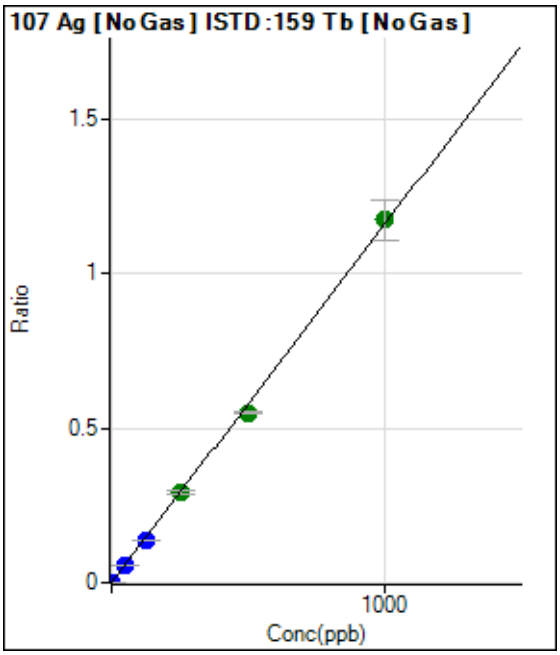


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2600.26	0.0003	P	3.5
2	☐	1.000	0.716	2888.09	0.0003	P	2.7
3	☐	50.000	49.880	14948.89	0.0015	P	0.7
4	☐	125.000	121.914	33211.28	0.0032	P	0.5
5	☐	250.000	249.245	64255.59	0.0062	P	4.2
6	☐	500.000	472.848	121786.06	0.0115	P	0.9
7	☐	1000.000	1014.157	237884.83	0.0243	P	11.8
8	☐			2729.17	0.0003	P	2.5

y = 2.3669E-005 * x + 2.7038E-004
R = 0.9995
DL = 1.189
BEC = 11.42

Weight: <None>
Min Conc: 0

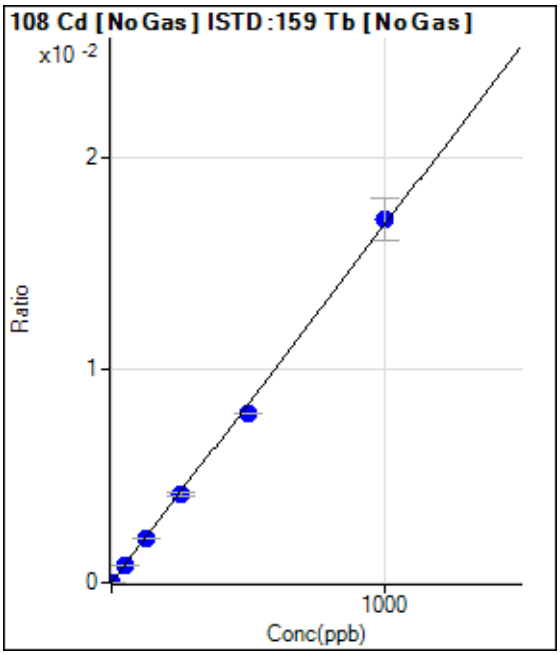
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	42.0
2	☐	1.000	0.894	10454.96	0.0010	P	2.1
3	☐	50.000	48.429	578176.33	0.0561	P	2.1
4	☐	125.000	119.599	1458595.69	0.1386	P	1.0
5	☐	250.000	250.674	3025741.14	0.2905	A	3.9
6	☐	500.000	475.069	5849310.95	0.5506	A	0.7
7	☐	1000.000	1013.051	11511313.44	1.1740	A	11.0
8	☐			1697.90	0.0002	P	2.8

y = 0.0012 * x + 4.2921E-006
R = 0.9995
DL = 0.004662
BEC = 0.003704

Weight: <None>
Min Conc: 0

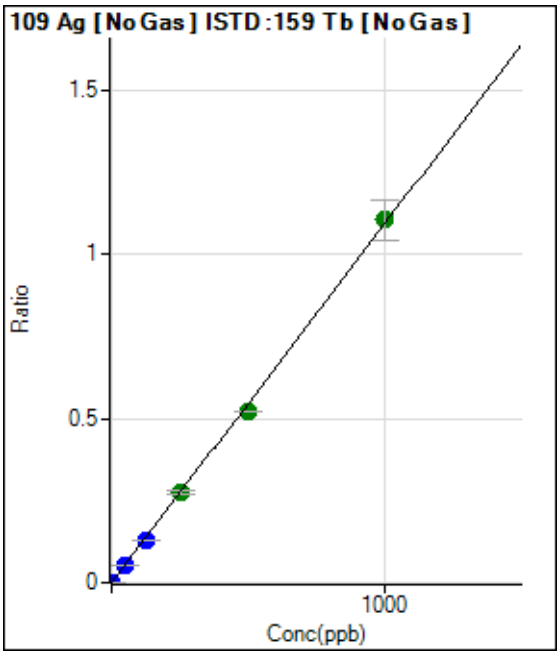


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	92.3
2	☐	1.000	1.062	191.11	0.0000	P	21.6
3	☐	50.000	49.630	8615.95	0.0008	P	3.8
4	☐	125.000	124.660	22091.32	0.0021	P	2.2
5	☐	250.000	247.886	43461.55	0.0042	P	4.2
6	☐	500.000	473.106	84611.42	0.0080	P	0.9
7	☐	1000.000	1014.036	167294.38	0.0171	P	11.6
8	☐			88.89	0.0000	P	12.4

y = 1.6831E-005 * x + 1.1600E-006
R = 0.9995
DL = 0.1909
BEC = 0.06892

Weight: <None>
Min Conc: 0

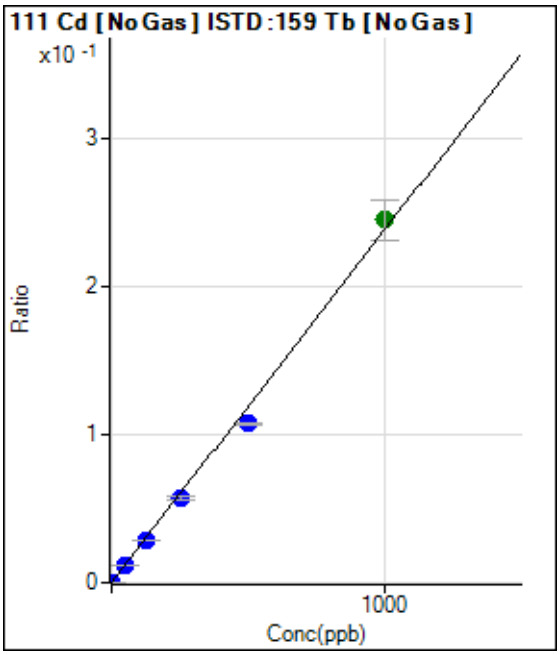
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	18.9
2	☐	1.000	0.900	9919.03	0.0010	P	3.2
3	☐	50.000	48.599	547377.08	0.0531	P	1.9
4	☐	125.000	119.456	1374409.28	0.1306	P	0.6
5	☐	250.000	251.054	2858375.44	0.2745	A	4.4
6	☐	500.000	477.546	5547135.33	0.5221	A	0.6
7	☐	1000.000	1011.727	10844476.51	1.1062	A	11.2
8	☐			1512.32	0.0001	P	5.9

y = 0.0011 * x + 3.0096E-006
R = 0.9996
DL = 0.001558
BEC = 0.002753

Weight: <None>
Min Conc: 0

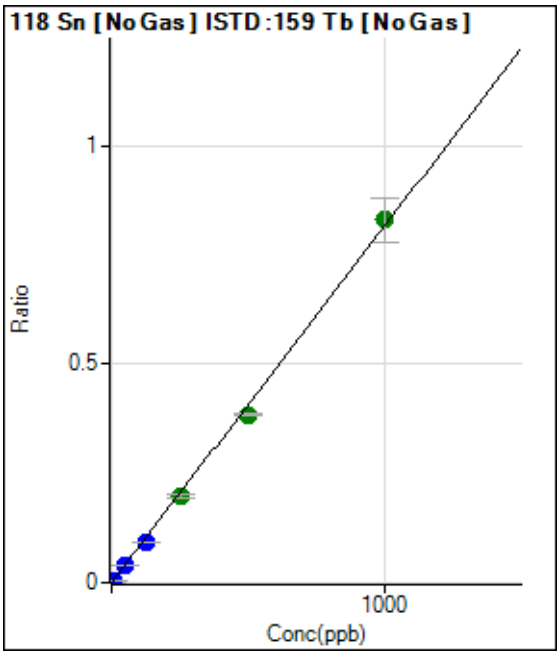


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1817.96	0.0002	P	3.7
2	☐	1.000	0.938	4141.42	0.0004	P	2.7
3	☐	50.000	48.246	120091.34	0.0117	P	1.4
4	☐	125.000	118.985	299636.64	0.0285	P	0.8
5	☐	250.000	237.409	589650.22	0.0566	P	4.5
6	☐	500.000	450.242	1139155.71	0.1072	P	1.1
7	☐	1000.000	1028.867	2399296.96	0.2448	A	11.4
8	☐			2315.99	0.0002	P	3.1

y = 2.3772E-004 * x + 1.8903E-004
R = 0.9981
DL = 0.08838
BEC = 0.7952

Weight: <None>
Min Conc: 0

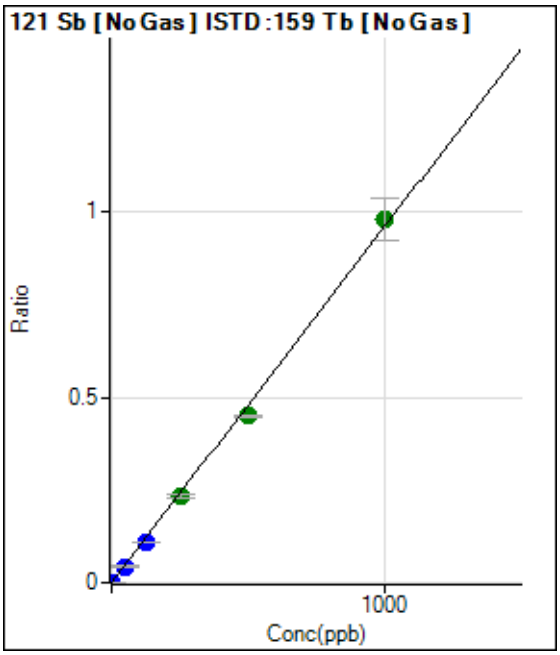
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1436.75	0.0001	P	2.8
2	☐	5.000	4.281	36571.90	0.0036	P	0.6
3	☐	50.000	46.205	389472.09	0.0378	P	1.8
4	☐	125.000	115.071	988528.83	0.0939	P	0.7
5	☐	250.000	245.009	2080945.72	0.1998	A	4.6
6	☐	500.000	469.731	4069186.19	0.3830	A	1.1
7	☐	1000.000	1017.817	8130222.38	0.8297	A	12.0
8	☐			4736.38	0.0005	P	6.2

y = 8.1505E-004 * x + 1.4948E-004
R = 0.9993
DL = 0.01526
BEC = 0.1834

Weight: <None>
Min Conc: 0

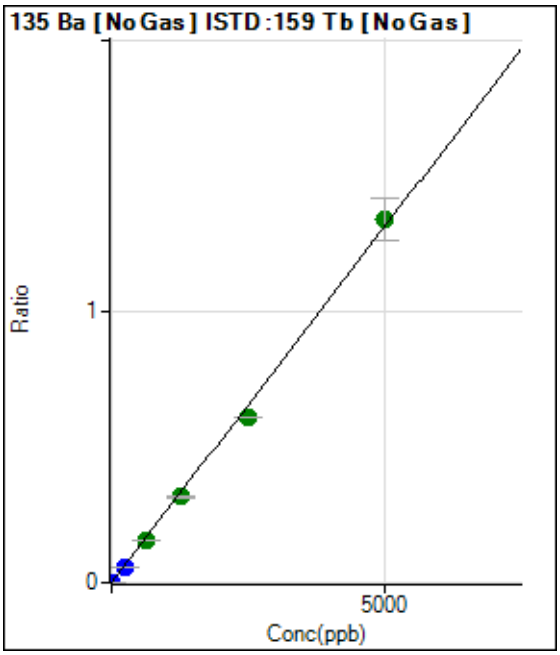


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	12.0
2	☐	2.000	1.771	17100.25	0.0017	P	2.1
3	☐	50.000	45.818	452606.60	0.0439	P	1.6
4	☐	125.000	114.187	1152233.93	0.1095	P	0.8
5	☐	250.000	242.919	2424469.72	0.2329	A	5.9
6	☐	500.000	467.722	4764995.90	0.4485	A	0.9
7	☐	1000.000	1019.470	9581494.44	0.9775	A	11.5
8	☐			6323.67	0.0006	P	2.7

y = 9.5888E-004 * x + 3.1228E-006
R = 0.9992
DL = 0.001176
BEC = 0.003257

Weight: <None>
Min Conc: 0

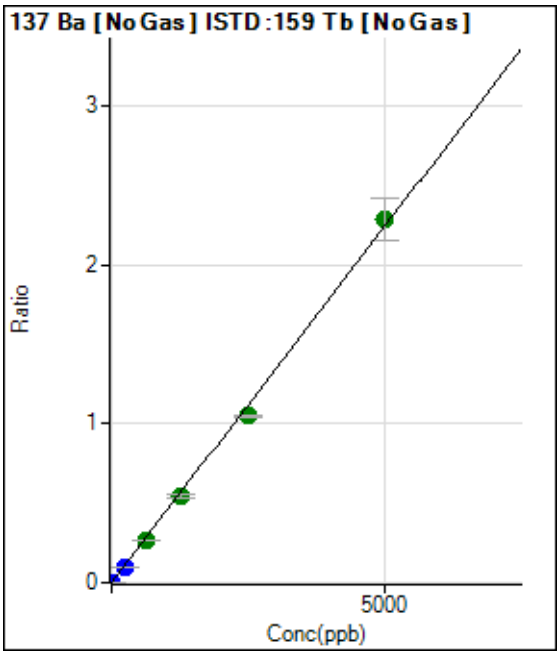
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.56	0.0000	P	10.7
2	☐	10.000	8.280	21988.15	0.0022	P	1.8
3	☐	250.000	222.210	599982.62	0.0582	P	2.1
4	☐	625.000	599.012	1651952.53	0.1570	A	0.6
5	☐	1250.000	1203.617	3285386.27	0.3154	A	3.7
6	☐	2500.000	2335.021	6500978.72	0.6119	A	0.2
7	☐	5000.000	5098.727	13094512.17	1.3361	A	11.7
8	☐			5307.71	0.0005	P	0.6

y = 2.6204E-004 * x + 1.8249E-005
R = 0.9992
DL = 0.02241
BEC = 0.06964

Weight: <None>
Min Conc: 0

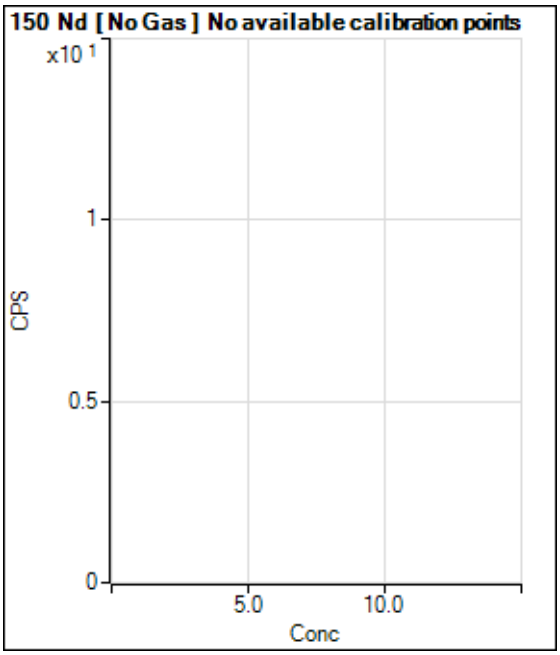


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	267.79	0.0000	P	6.7
2	☐	10.000	8.418	38209.06	0.0038	P	1.7
3	☐	250.000	225.681	1042537.90	0.1012	P	1.6
4	☐	625.000	600.747	2834471.21	0.2694	A	0.1
5	☐	1250.000	1211.087	5652667.07	0.5430	A	5.3
6	☐	2500.000	2337.716	11135326.78	1.0481	A	0.5
7	☐	5000.000	5095.121	22388837.45	2.2843	A	11.6
8	☐			9675.85	0.0009	P	3.5

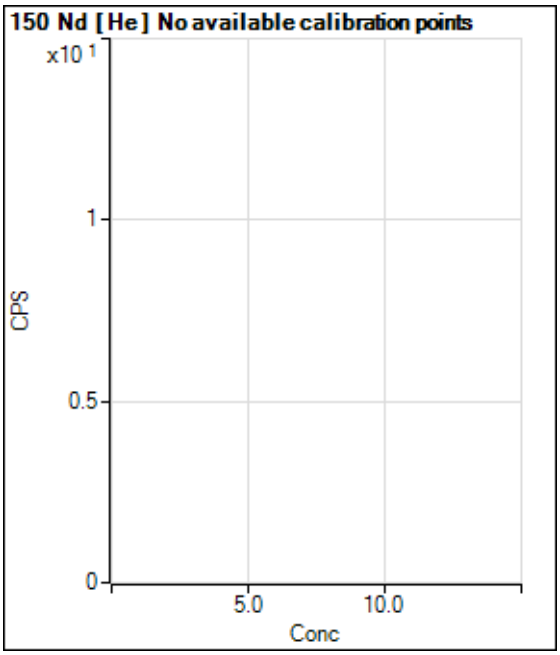
y = 4.4832E-004 * x + 2.7839E-005
R = 0.9992
DL = 0.01255
BEC = 0.0621

Weight: <None>
Min Conc: 0

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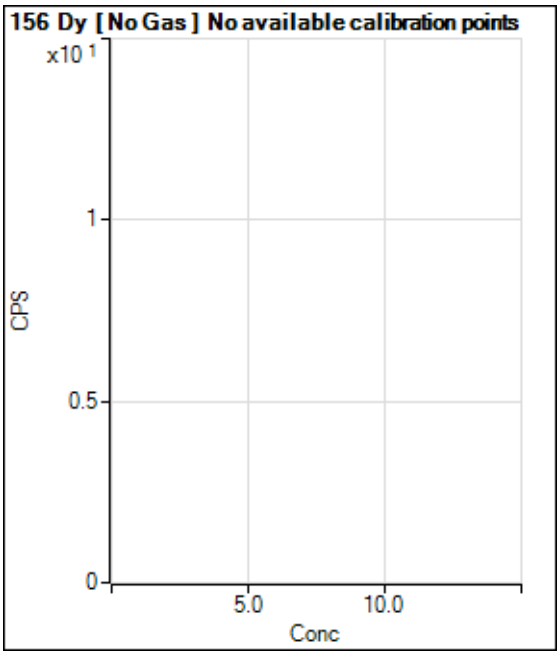


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	33.3
2	☐			17.78		P	65.8
3	☐			46.67		P	37.8
4	☐			97.78		P	20.8
5	☐			161.11		P	6.0
6	☐			391.12		P	10.8
7	☐			634.46		P	12.8
8	☐			217.78		P	7.2

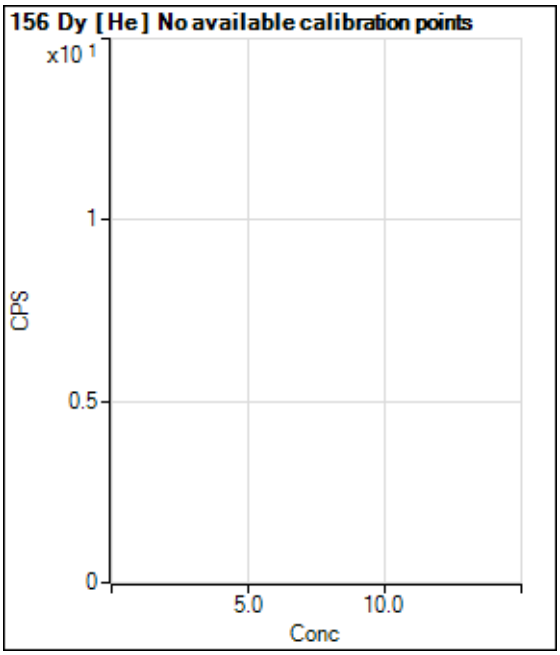


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	173.
2	☐			3.33		P	0.0
3	☐			7.78		P	24.7
4	☐			20.00		P	33.4
5	☐			48.89		P	25.8
6	☐			93.33		P	12.9
7	☐			136.67		P	14.8
8	☐			98.89		P	26.2

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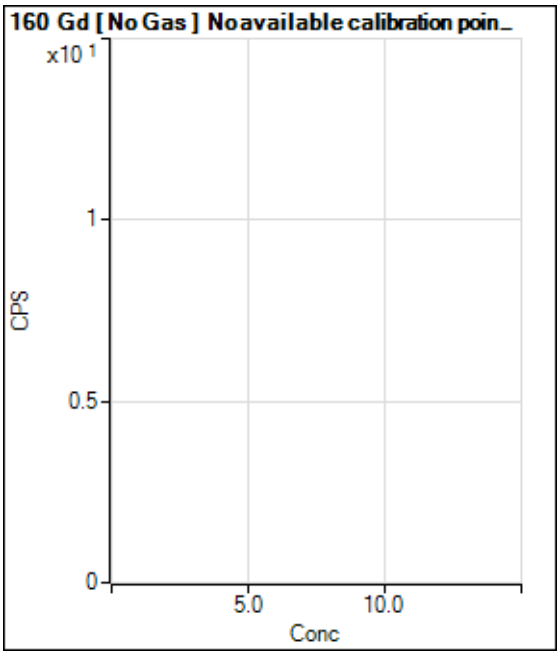


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1130.06		P	4.3
2	☐			996.71		P	9.9
3	☐			1016.71		P	6.7
4	☐			1095.61		P	4.9
5	☐			1176.73		P	6.7
6	☐			1318.97		P	8.4
7	☐			1596.77		P	2.3
8	☐			1325.63		P	16.4

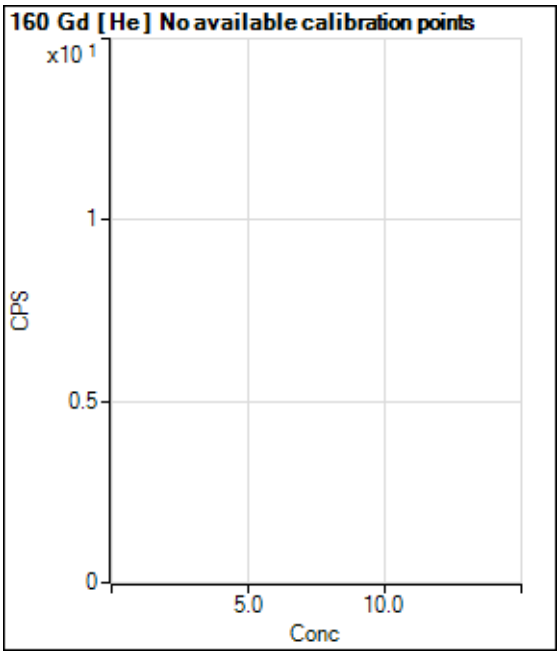


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			240.00		P	2.4
2	☐			240.00		P	12.1
3	☐			262.23		P	7.2
4	☐			274.45		P	15.3
5	☐			375.56		P	17.8
6	☐			502.24		P	2.5
7	☐			808.92		P	4.2
8	☐			371.12		P	9.2

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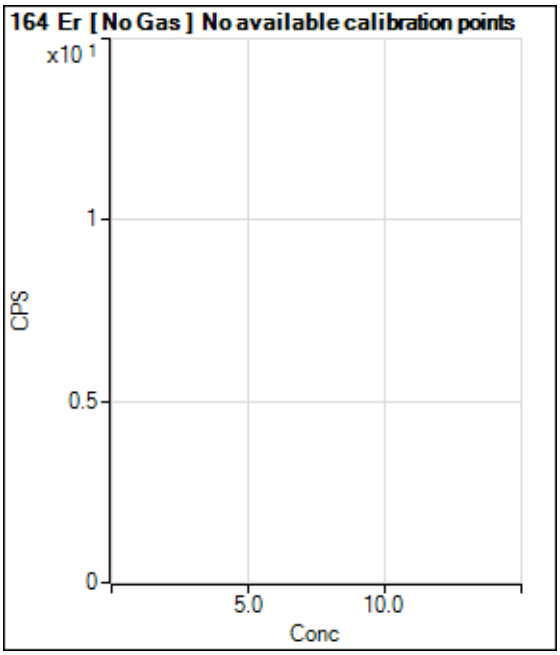


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			35.56		P	51.6
2	☐			37.78		P	22.2
3	☐			41.11		P	30.7
4	☐			56.67		P	36.7
5	☐			82.22		P	16.4
6	☐			127.78		P	10.5
7	☐			123.33		P	15.0
8	☐			313.34		P	9.1

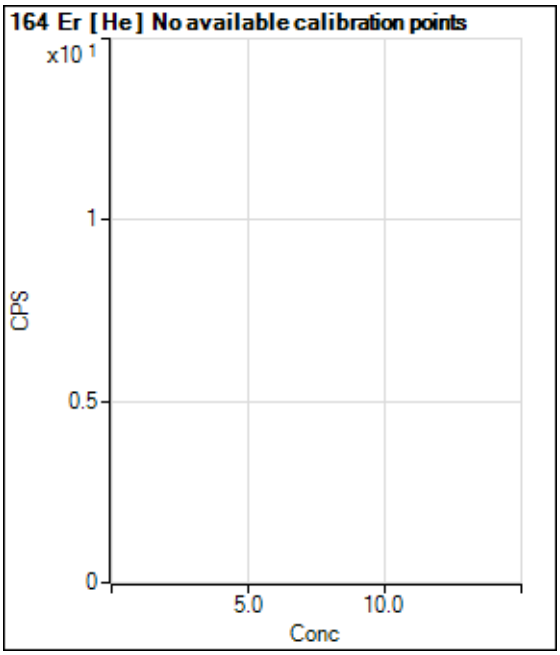


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			218.89		P	5.8
2	☐			237.78		P	6.9
3	☐			283.34		P	7.1
4	☐			250.01		P	10.1
5	☐			261.12		P	12.8
6	☐			278.90		P	11.1
7	☐			312.23		P	2.2
8	☐			413.34		P	9.8

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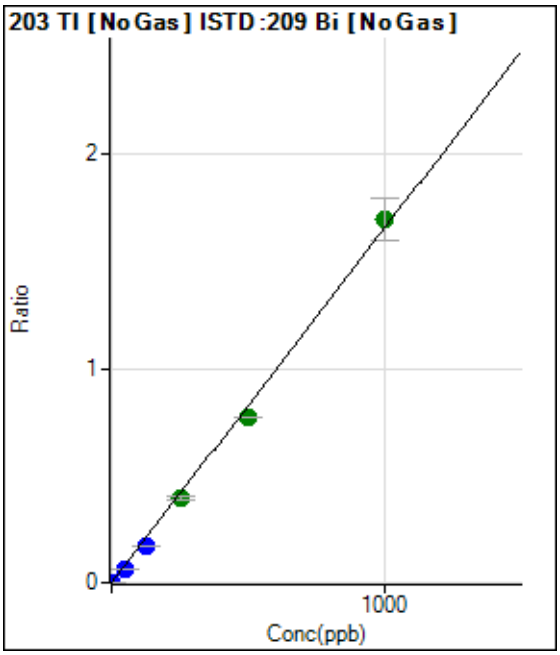


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			70.00		P	21.8
2	☐			64.44		P	23.3
3	☐			78.89		P	27.5
4	☐			85.56		P	6.0
5	☐			80.00		P	25.3
6	☐			192.22		P	20.7
7	☐			193.34		P	13.7
8	☐			434.46		P	10.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			44.44		P	22.9
2	☐			40.00		P	16.7
3	☐			38.89		P	21.6
4	☐			42.22		P	12.1
5	☐			58.89		P	63.6
6	☐			94.44		P	5.4
7	☐			94.44		P	20.4
8	☐			248.89		P	12.2

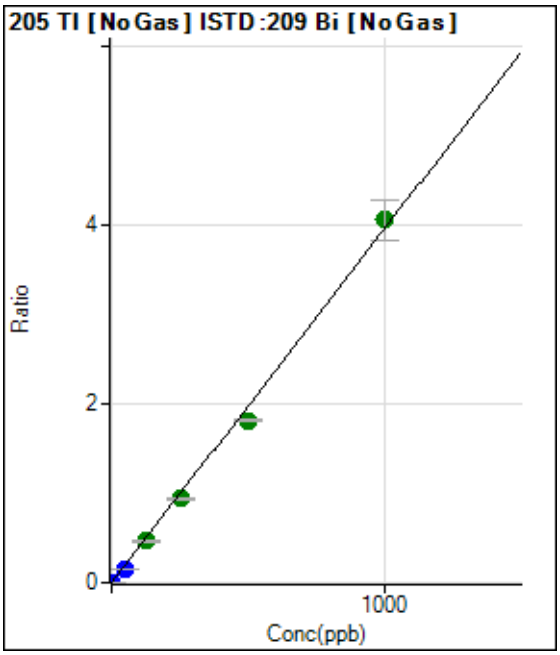
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0000	P	9.1
2	☐	1.000	0.752	8032.44	0.0013	P	1.4
3	☐	50.000	40.263	434649.20	0.0666	P	0.6
4	☐	125.000	101.976	1106747.90	0.1687	P	1.8
5	☐	250.000	238.084	2580994.02	0.3939	A	3.1
6	☐	500.000	465.450	5091792.56	0.7701	A	0.6
7	☐	1000.000	1023.619	10162512.28	1.6936	A	11.5
8	☐			1623.97	0.0003	P	31.8

y = 0.0017 * x + 1.4003E-005
R = 0.9989
DL = 0.002316
BEC = 0.008463

Weight: <None>
Min Conc: 0

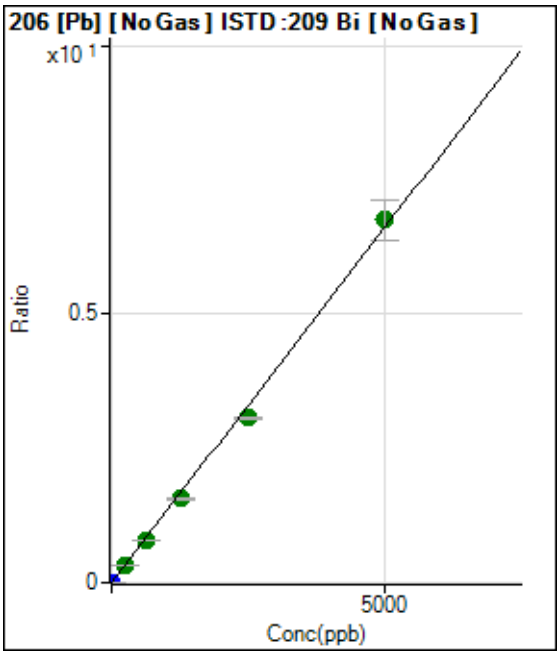


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	221.12	0.0000	P	11.5
2	☐	1.000	0.765	19570.85	0.0031	P	1.2
3	☐	50.000	40.131	1037534.79	0.1591	P	1.3
4	☐	125.000	117.723	3059751.34	0.4665	A	2.5
5	☐	250.000	236.810	6146960.60	0.9384	A	3.8
6	☐	500.000	458.581	12013899.40	1.8171	A	1.3
7	☐	1000.000	1025.410	24384830.19	4.0631	A	11.2
8	☐			3412.53	0.0006	P	26.6

y = 0.0040 * x + 3.5720E-005
R = 0.9987
DL = 0.003099
BEC = 0.009015

Weight: <None>
Min Conc: 0

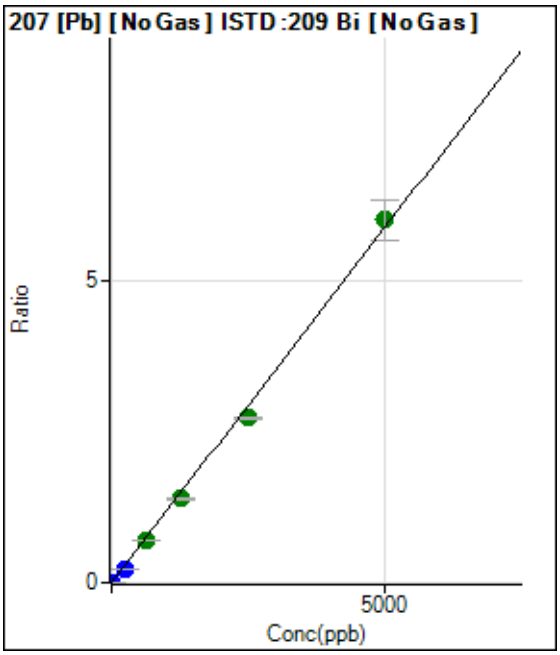
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	477.79	0.0001	P	3.8
2	☐	1.000	0.776	7034.10	0.0011	P	2.0
3	☐	250.000	234.367	2021404.86	0.3099	A	1.1
4	☐	625.000	589.965	5115757.84	0.7799	A	1.5
5	☐	1250.000	1182.005	10237023.32	1.5625	A	3.7
6	☐	2500.000	2321.393	20288406.23	3.0686	A	1.0
7	☐	5000.000	5111.463	40556089.12	6.7566	A	11.0
8	☐			8366.27	0.0015	P	17.6

y = 0.0013 * x + 7.7225E-005
R = 0.9990
DL = 0.006634
BEC = 0.05842

Weight: <None>
Min Conc: 0

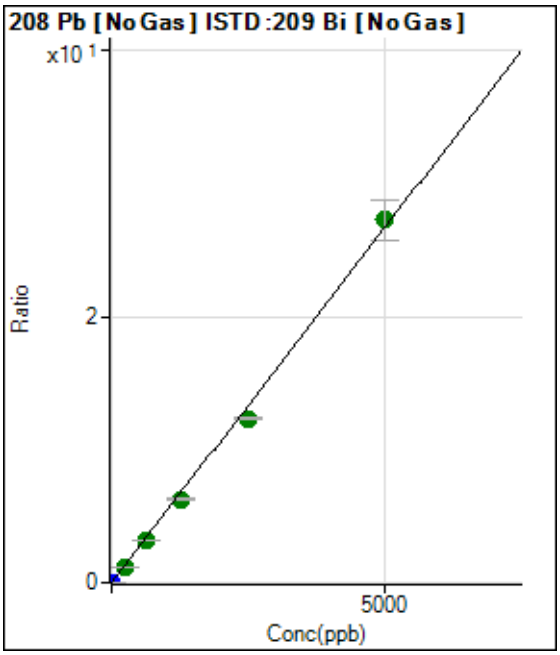


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	407.79	0.0001	P	12.0
2	☐	1.000	0.747	6026.94	0.0009	P	1.9
3	☐	250.000	200.980	1541866.24	0.2364	P	0.8
4	☐	625.000	593.304	4576573.30	0.6976	A	2.1
5	☐	1250.000	1181.280	9098878.54	1.3889	A	4.1
6	☐	2500.000	2320.280	18036919.18	2.7281	A	1.8
7	☐	5000.000	5113.453	36083547.24	6.0120	A	11.1
8	☐			7329.52	0.0013	P	12.8

y = 0.0012 * x + 6.5976E-005
R = 0.9990
DL = 0.02012
BEC = 0.05612

Weight: <None>
Min Conc: 0

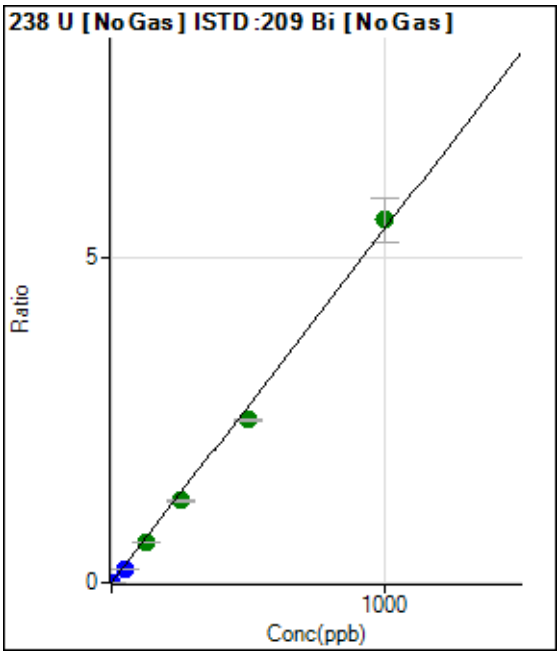
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1846.73	0.0003	P	4.3
2	☐	1.000	0.758	27690.12	0.0043	P	2.6
3	☐	250.000	226.540	7879753.12	1.2079	A	0.8
4	☐	625.000	591.602	20689741.95	3.1540	A	1.2
5	☐	1250.000	1178.405	41152004.04	6.2821	A	4.0
6	☐	2500.000	2317.029	81666399.48	12.3519	A	1.4
7	☐	5000.000	5114.732	163649062.2	27.2658	A	11.1
8	☐			33025.58	0.0057	P	15.7

y = 0.0053 * x + 2.9853E-004
R = 0.9989
DL = 0.007221
BEC = 0.056

Weight: <None>
Min Conc: 0

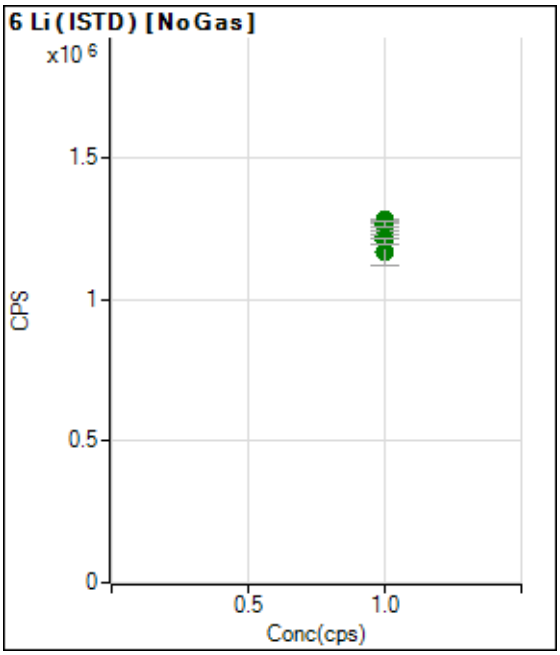


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	132.23	0.0000	P	8.0
2	☐	1.000	0.741	25835.08	0.0040	P	1.6
3	☐	50.000	38.817	1375659.70	0.2109	P	1.3
4	☐	125.000	115.558	4117768.93	0.6278	A	1.3
5	☐	250.000	232.050	8257981.41	1.2606	A	3.8
6	☐	500.000	459.992	16520896.98	2.4988	A	1.5
7	☐	1000.000	1026.231	33442501.72	5.5747	A	11.9
8	☐			2767.51	0.0005	P	22.0

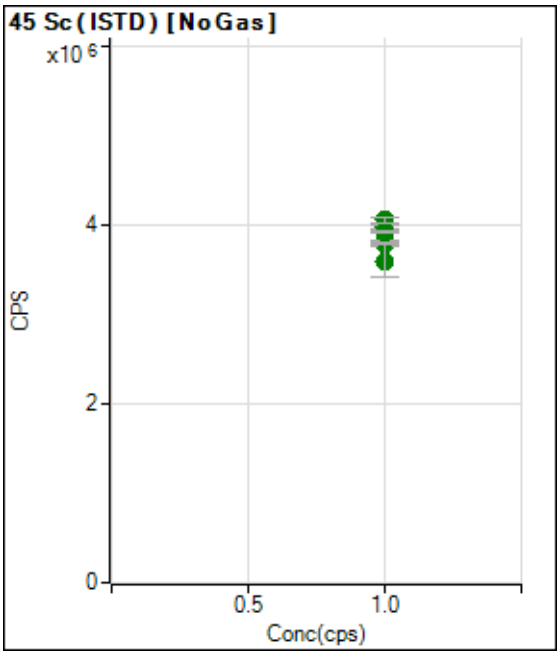
y = 0.0054 * x + 2.1369E-005
R = 0.9987
DL = 0.0009485
BEC = 0.003934

Weight: <None>
Min Conc: 0

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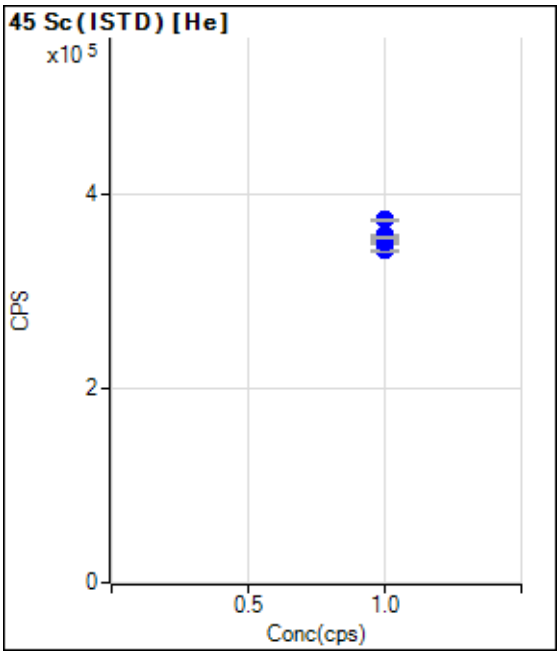


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1223035.42		A	1.3
2	☐	1.000		1252969.69		A	2.2
3	☐	1.000		1280411.92		A	0.6
4	☐	1.000		1261478.30		A	1.2
5	☐	1.000		1257272.24		A	2.7
6	☐	1.000		1266968.21		A	1.5
7	☐	1.000		1169029.82		A	8.4
8	☐	1.000		1204804.12		A	2.0

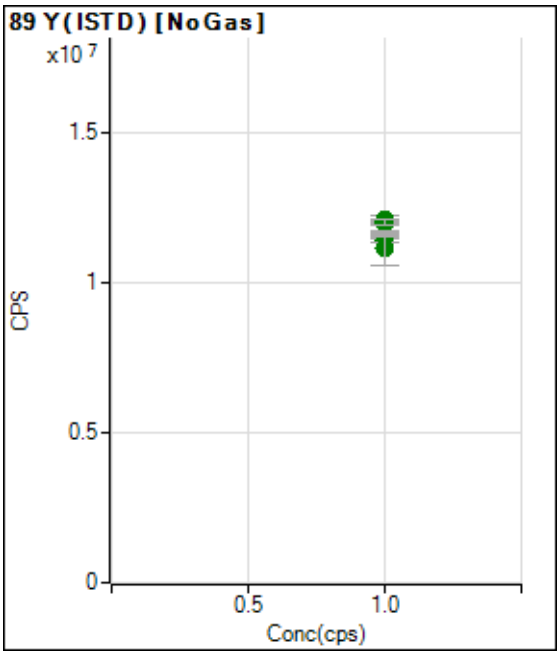


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3789334.18		A	1.7
2	☐	1.000		3821533.66		A	0.6
3	☐	1.000		3935369.38		A	0.4
4	☐	1.000		3981054.97		A	0.8
5	☐	1.000		3911559.56		A	4.8
6	☐	1.000		3919921.26		A	0.5
7	☐	1.000		3600252.59		A	9.8
8	☐	1.000		4058071.29		A	1.7

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On:11/7/2024 12:56:17 AM
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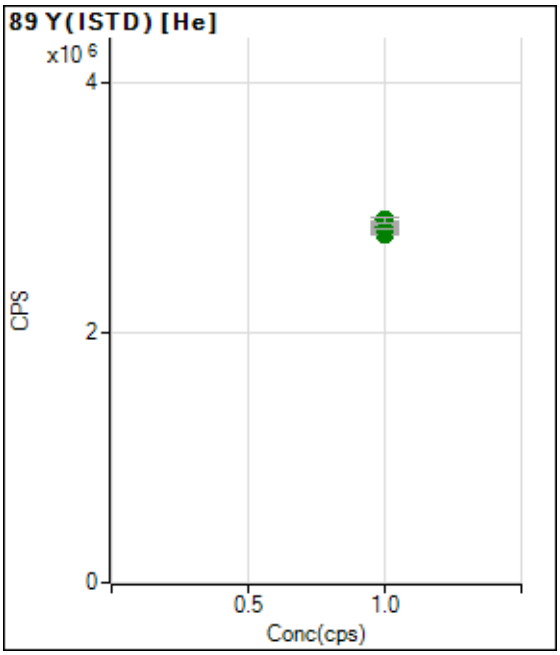


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1	☐	1.000		341816.08		P	0.3
2	☐	1.000		349856.24		P	0.5
3	☐	1.000		357676.90		P	0.5
4	☐	1.000		355564.27		P	0.5
5	☐	1.000		351640.97		P	0.7
6	☐	1.000		350228.97		P	0.3
7	☐	1.000		355425.72		P	0.5
8	☐	1.000		373615.12		P	0.4

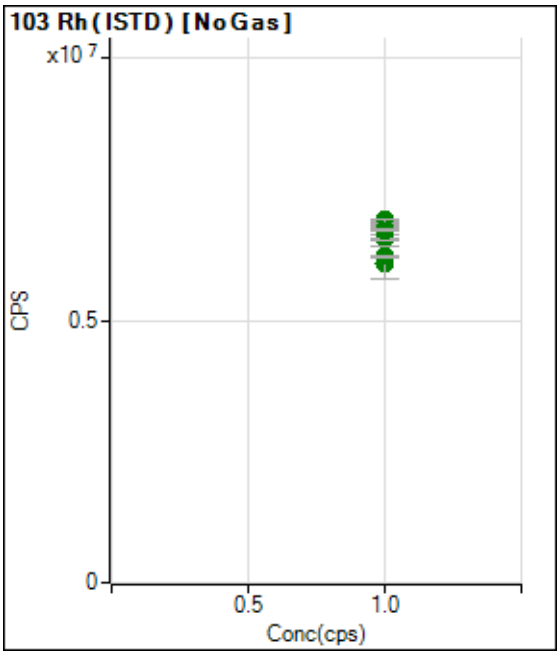


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11417801.08		A	1.4
2	☐	1.000		11568137.88		A	0.1
3	☐	1.000		12004167.74		A	0.6
4	☐	1.000		12072663.02		A	0.5
5	☐	1.000		11985909.68		A	4.9
6	☐	1.000		12097898.85		A	0.5
7	☐	1.000		11174792.68		A	10.1
8	☐	1.000		12026077.74		A	1.8

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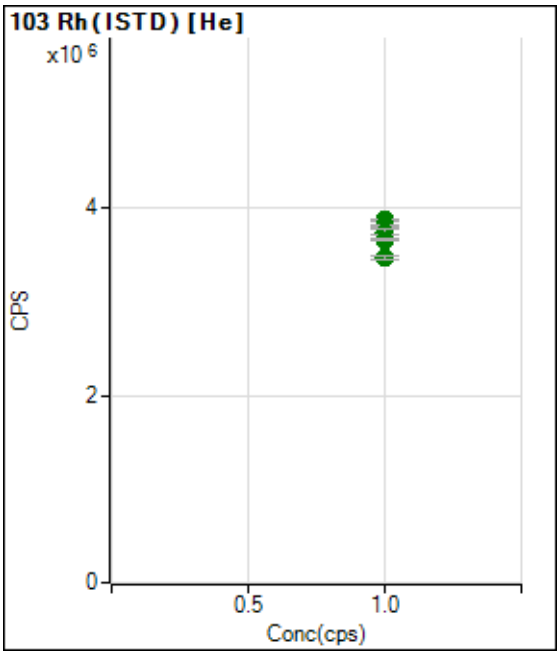


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1	☐	1.000		2783398.01		A	0.7
2	☐	1.000		2826761.28		A	1.4
3	☐	1.000		2882601.10		A	0.4
4	☐	1.000		2840808.22		A	0.6
5	☐	1.000		2861028.08		A	0.9
6	☐	1.000		2821908.78		A	0.7
7	☐	1.000		2849002.73		A	1.1
8	☐	1.000		2897772.80		A	1.5

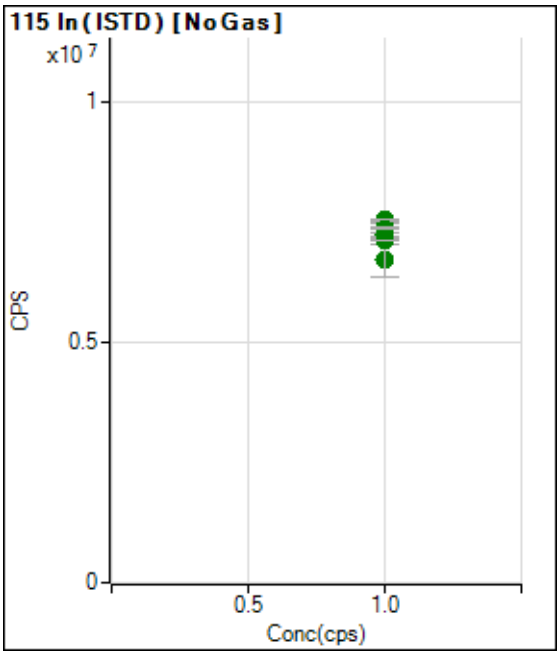


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6582386.92		A	1.9
2	☐	1.000		6744385.67		A	1.0
3	☐	1.000		6921420.52		A	0.2
4	☐	1.000		6836526.08		A	0.4
5	☐	1.000		6743689.62		A	5.1
6	☐	1.000		6721892.96		A	0.5
7	☐	1.000		6107794.56		A	9.9
8	☐	1.000		6222819.49		A	0.8

Reviewed By:mohan
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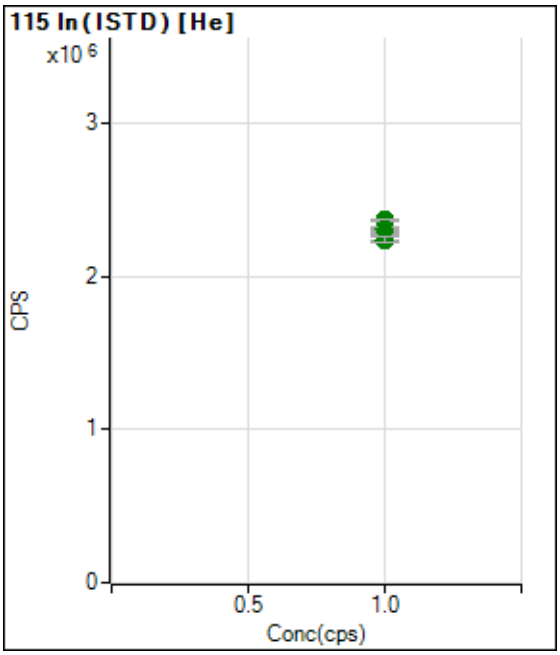


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3719294.29		A	0.3
2	☐	1.000		3814832.72		A	0.5
3	☐	1.000		3875123.17		A	0.5
4	☐	1.000		3811592.69		A	0.9
5	☐	1.000		3747050.54		A	1.4
6	☐	1.000		3744056.19		A	1.7
7	☐	1.000		3664349.25		A	0.3
8	☐	1.000		3472301.68		A	1.3

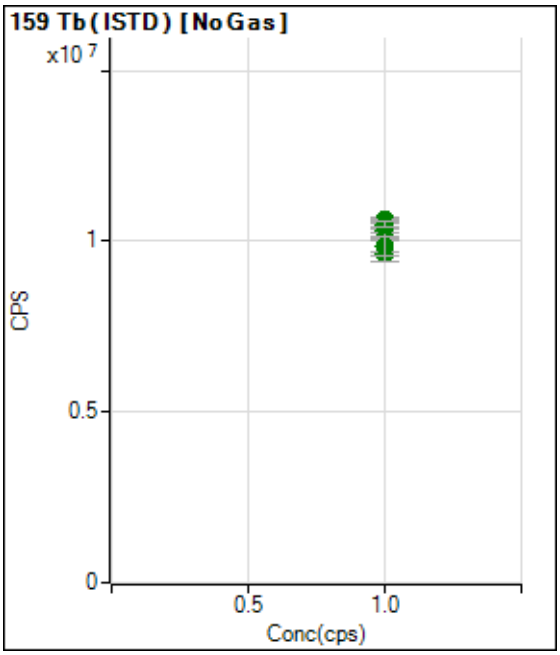


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7246084.39		A	1.5
2	☐	1.000		7374180.16		A	0.4
3	☐	1.000		7502841.44		A	0.4
4	☐	1.000		7560479.35		A	0.5
5	☐	1.000		7382804.94		A	5.0
6	☐	1.000		7385914.73		A	0.6
7	☐	1.000		6712426.02		A	9.9
8	☐	1.000		7146376.32		A	0.1

Reviewed By:mohan
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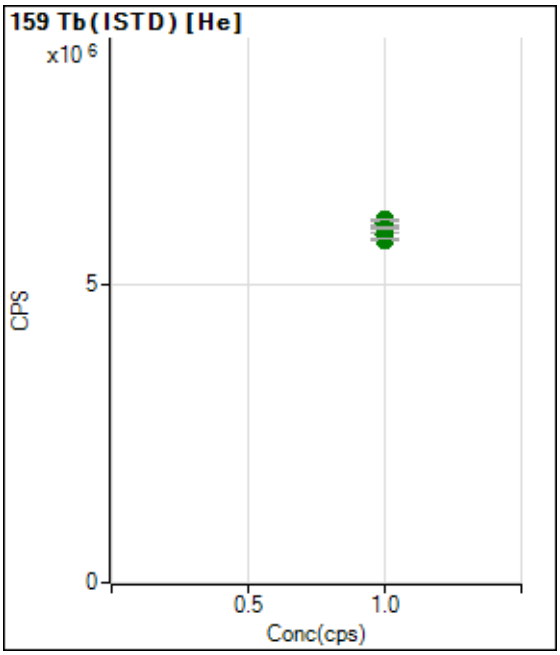


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2271186.76		A	0.4
2	☐	1.000		2301590.45		A	0.9
3	☐	1.000		2372843.17		A	0.6
4	☐	1.000		2315568.96		A	1.3
5	☐	1.000		2286411.99		A	0.3
6	☐	1.000		2270413.61		A	0.9
7	☐	1.000		2237568.50		A	0.5
8	☐	1.000		2240980.18		A	1.7

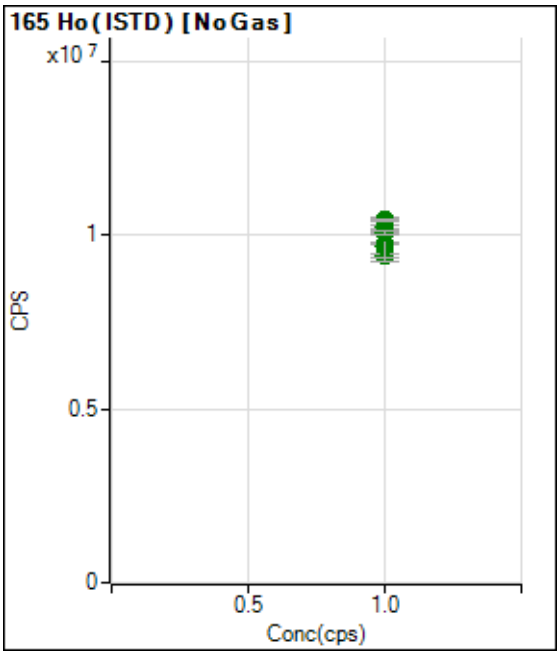


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9613855.14		A	1.4
2	☐	1.000		10050720.82		A	0.8
3	☐	1.000		10302076.03		A	0.8
4	☐	1.000		10523231.37		A	0.2
5	☐	1.000		10429133.59		A	5.1
6	☐	1.000		10624552.07		A	0.5
7	☐	1.000		9878310.41		A	10.1
8	☐	1.000		10495892.27		A	1.4

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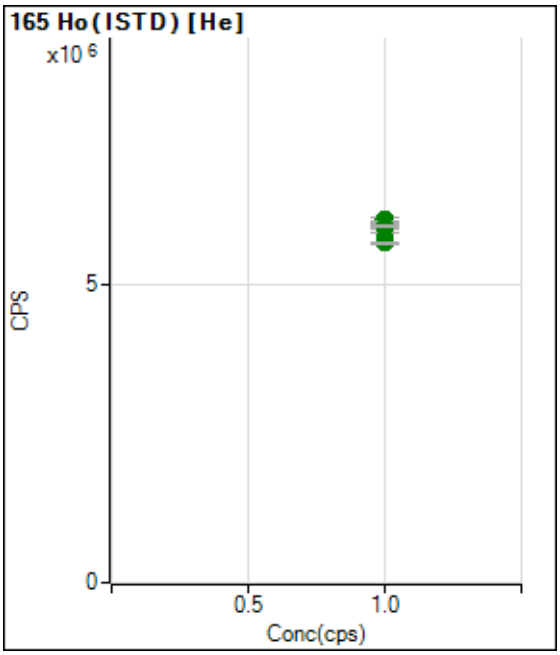


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5748459.57		A	0.3
2	☐	1.000		5825714.42		A	1.4
3	☐	1.000		5975805.26		A	0.0
4	☐	1.000		6010454.98		A	2.1
5	☐	1.000		5962936.79		A	0.7
6	☐	1.000		6038157.27		A	1.7
7	☐	1.000		6088736.37		A	0.2
8	☐	1.000		5952872.13		A	1.0

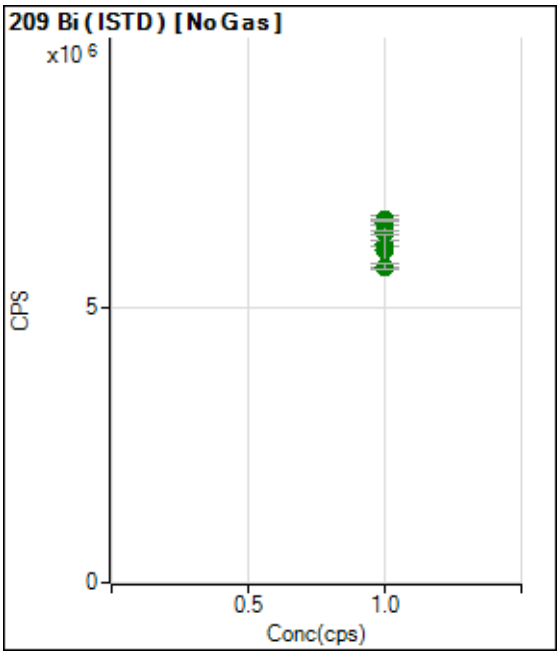


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9408473.54		A	1.1
2	☐	1.000		9761850.90		A	0.2
3	☐	1.000		10139545.96		A	1.0
4	☐	1.000		10255652.35		A	1.0
5	☐	1.000		10249755.61		A	4.9
6	☐	1.000		10439546.79		A	0.7
7	☐	1.000		9707203.47		A	9.9
8	☐	1.000		10067811.93		A	0.8

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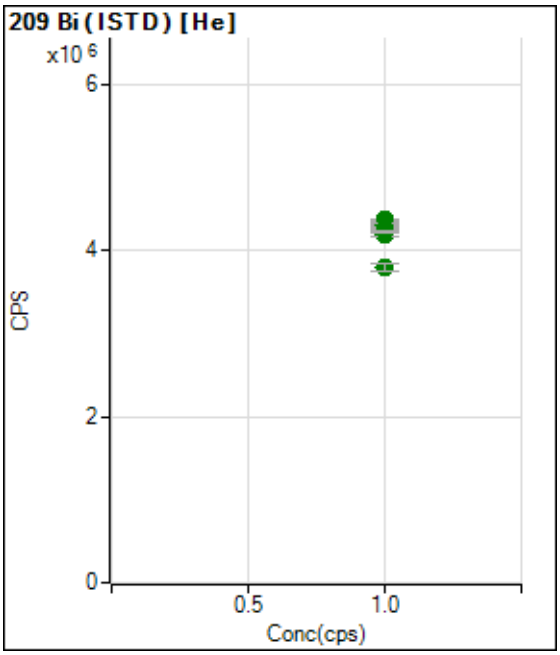


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5709387.55		A	0.5
2	☐	1.000		5891064.22		A	0.3
3	☐	1.000		6005143.45		A	1.2
4	☐	1.000		5991780.33		A	1.0
5	☐	1.000		6036406.85		A	0.5
6	☐	1.000		6102161.57		A	1.9
7	☐	1.000		6083530.67		A	0.3
8	☐	1.000		5997728.17		A	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6185041.92		A	1.4
2	☐	1.000		6380556.71		A	0.6
3	☐	1.000		6523340.94		A	0.0
4	☐	1.000		6560254.42		A	1.6
5	☐	1.000		6557410.18		A	4.0
6	☐	1.000		6611861.29		A	0.5
7	☐	1.000		6047703.45		A	10.2
8	☐	1.000		5758798.32		A	2.1

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4185126.60		A	1.0
2	☐	1.000		4274826.33		A	0.7
3	☐	1.000		4369784.55		A	0.6
4	☐	1.000		4321958.58		A	0.8
5	☐	1.000		4306731.15		A	0.6
6	☐	1.000		4272453.79		A	0.4
7	☐	1.000		4228693.10		A	0.3
8	☐	1.000		3802990.64		A	2.1

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7110324-MS.b
Acq. Date-Time	2024-11-03 14:07:03
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		9860	98600.53			0.910	5.000
24		284423	2844233.97			0.674	5.000
25		37829	378288.69			1.135	5.000
26		43537	435366.48			1.121	5.000
59		59206	592062.96			1.098	5.000
113		4858	48575.24			1.289	5.000
115		114102	1141016.85			1.282	5.000
206		24658	246584.71			1.276	5.000
207		20379	203786.91			1.098	5.000
208		49995	499949.21			0.899	5.000
220		0	3.70			57.014	

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	9868	9869	9930	9709	9925
24	283877	284322	284987	281813	287118
25	37550	37891	37985	37298	38420
26	43385	43573	43748	42826	44151
59	59408	59292	59702	58077	59553
113	4925	4849	4882	4757	4874
115	115395	115229	113763	111770	114352
206	24917	24819	24797	24126	24633
207	20570	20517	20488	20024	20294
208	50161	50100	50373	49214	50127

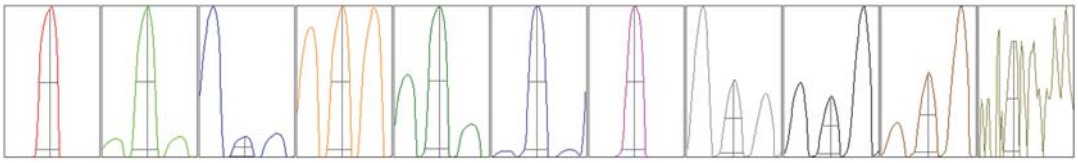
Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	17187.95	8.95	8.90 - 9.10	
24	498176.27	23.95	23.90 - 24.10	
25	66153.10	24.95	24.90 - 25.10	
26	76934.64	25.95	25.90 - 26.10	
59	101604.99	58.95	58.90 - 59.10	
113	9192.05	112.95	112.90 - 113.10	
115	217163.60	114.95	114.90 - 115.10	
206	49215.37	206.00	205.90 - 206.10	
207	40692.64	207.00	206.90 - 207.10	
208	99787.16	208.00	207.90 - 208.10	
220	0.50	219.65	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.736	0.900	
24	0.62	0.823	0.900	
25	0.60	0.747	0.900	
26	0.60	0.776	0.900	
59	0.61	0.768	0.900	
113	0.54	0.741	0.900	
115	0.52	0.750	0.900	
206	0.52	0.742	0.900	
207	0.51	0.737	0.900	
208	0.52	0.749	0.900	
220	0.37	0.489		

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

Tune Parameters

Plasma Parameters

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

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7
ClientSampleId :TUNE002

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	8.4 V	Deflect	15.4 V
Extract 2	-155.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-80 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	135	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.08		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.5 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		20928	209277.99			1.970	
89		107108	1071080.04			2.434	
205		29328	293284.16			1.477	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	21062	20967	21002	20245	21363
89	108652	106680	108149	102773	109286
205	29798	29241	29222	28704	29677

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.2 V	Deflect	3.4 V

US EPA Tune Check Report

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7
ClientSampleId :TUNE002

Extract 2	-145.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-80 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	135	Axis Gain	0.9979	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.08		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.5 mm

EM

Discriminator	4.9 mV	Analog HV	2429 V	Pulse HV	2000 V

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:49:26	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-0.22	0.18	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	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	0.01	0.06	-0.07	0.00	N/A	ppb
Cadmium	106-1	0.38	-0.41	0.03	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.03	0.00	0.00	N/A	ppb
Calcium	43-1	-1.22	1.30	-0.09	0.00	N/A	ppb
Calcium	44-1	-0.71	0.44	0.26	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	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.02	0.03	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	0.00	0.08	-0.08	0.00	N/A	ppb
Iron	57-2	0.03	0.73	-0.76	0.00	N/A	ppb
Iron	54-2	-0.68	0.63	0.05	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:49:26	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	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	-0.13	-0.02	0.14	0.00	N/A	ppb
Manganese	55-2	0.02	-0.03	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-15.77	-12.81	-15.51	-14.70		ppb
Potassium	39-2	0.85	-0.98	0.13	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.02	0.40	-0.42	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.64	0.18	-0.82	0.00	N/A	ppb
Silicon	28-1	-0.15	0.18	-0.03	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	-0.01	-0.17	0.17	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-136.88	98.05	-0.03	-12.95		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.00	0.00	N/A	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:49:26	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	-0.01	0.05	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	N/A	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:55:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.73	19.08	18.26	18.69	2.20	ppb
Antimony	121-1	1.74	1.77	1.81	1.77	2.08	ppb
Arsenic	75-2	1.16	1.07	1.19	1.14	5.34	ppb
Barium	135-1	8.20	8.19	8.45	8.28	1.78	ppb
Barium	137-1	8.37	8.30	8.58	8.42	1.70	ppb
Beryllium	9-1	1.06	1.03	1.10	1.06	3.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	0.93	1.34	1.06	22.96	ppb
Cadmium	106-1	1.08	0.59	0.47	0.72	45.04	ppb
Cadmium	111-1	0.96	0.97	0.88	0.94	4.99	ppb
Calcium	43-1	500.29	524.59	516.45	513.78	2.41	ppb
Calcium	44-1	518.44	527.10	535.10	526.88	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.02	1.94	1.99	2.22	ppb
Cobalt	59-2	1.05	1.05	1.00	1.03	2.83	ppb
Copper	63-2	1.83	1.86	1.90	1.86	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				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	60.07	59.50	59.44	59.67	0.58	ppb
Iron	57-2	58.08	62.06	61.14	60.43	3.44	ppb
Iron	54-2	60.54	61.73	59.36	60.55	1.96	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:55:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.76	0.79	0.78	0.78	2.17	ppb
Lead	207-1	0.73	0.76	0.75	0.75	2.00	ppb
Lead	208-1	0.74	0.78	0.75	0.76	2.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	534.00	535.87	528.52	532.79	0.72	ppb
Manganese	55-2	0.98	1.02	0.97	0.99	2.50	ppb
Molybdenum	94-1	4.97	4.89	4.97	4.94	0.92	ppb
Molybdenum	95-1	4.06	4.16	4.15	4.12	1.34	ppb
Molybdenum	96-1	4.22	4.18	4.28	4.23	1.18	ppb
Molybdenum	97-1	4.05	4.22	4.13	4.13	1.98	ppb
Molybdenum	98-1	4.00	4.16	4.12	4.09	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.04	1.03	1.05	3.29	ppb
Phosphorus	31-2	16.39	9.31	18.39	14.70	32.47	ppb
Potassium	39-2	511.17	503.71	504.53	506.47	0.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	4.61	4.74	4.61	4.65	1.59	ppb
Selenium	77-2	5.67	3.68	4.77	4.71	21.16	ppb
Selenium	78-2	6.47	4.04	4.82	5.11	24.27	ppb
Silicon	28-1	0.72	0.76	0.83	0.77	7.49	ppb
Silver	107-1	0.87	0.91	0.90	0.89	2.10	ppb
Silver	109-1	0.87	0.93	0.90	0.90	3.20	ppb
Sodium	23-2	502.61	504.03	495.35	500.67	0.93	ppb
Strontium	86-1	0.87	0.87	0.91	0.88	2.58	ppb
Strontium	88-1	0.91	0.90	0.93	0.91	2.05	ppb
Sulfur	34-1	-19.03	18.13	39.76	12.95	229.58	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.76	0.74	0.75	0.75	1.44	ppb
Thallium	205-1	0.77	0.75	0.77	0.77	1.21	ppb
Tin	118-1	4.25	4.29	4.30	4.28	0.59	ppb
Titanium	47-1	4.15	4.41	4.34	4.30	3.15	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:55:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.74	0.73	0.74	1.64	ppb
Vanadium	51-2	4.88	5.07	4.97	4.97	1.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	4.97	5.35	4.77	5.03	5.89	ppb
Zirconium	90-1	0.86	0.89	0.93	0.89	4.30	ppb
Zirconium	91-1	0.90	0.89	0.90	0.90	0.98	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:59:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1023.62	1021.36	1023.28	1022.75	0.12	ppb
Antimony	121-1	45.00	46.01	46.45	45.82	1.63	ppb
Arsenic	75-2	50.55	50.90	50.61	50.69	0.37	ppb
Barium	135-1	217.40	222.46	226.77	222.21	2.11	ppb
Barium	137-1	221.76	226.71	228.57	225.68	1.56	ppb
Beryllium	9-1	49.61	49.61	49.89	49.71	0.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	47.43	50.60	50.86	49.63	3.85	ppb
Cadmium	106-1	50.36	49.54	49.74	49.88	0.85	ppb
Cadmium	111-1	47.60	48.18	48.96	48.25	1.42	ppb
Calcium	43-1	6004.48	5980.82	6099.13	6028.14	1.04	ppb
Calcium	44-1	5430.97	5438.25	5433.14	5434.12	0.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.67	52.28	52.06	52.00	0.60	ppb
Cobalt	59-2	50.74	50.73	50.76	50.74	0.03	ppb
Copper	63-2	526.63	527.87	535.43	529.98	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				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	2661.93	2675.50	2661.76	2666.40	0.30	ppb
Iron	57-2	2737.99	2759.69	2772.55	2756.74	0.63	ppb
Iron	54-2	2810.31	2809.94	2829.37	2816.54	0.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:59:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	234.07	231.96	237.08	234.37	1.10	ppb
Lead	207-1	199.13	202.02	201.79	200.98	0.80	ppb
Lead	208-1	224.70	228.21	226.71	226.54	0.78	ppb
Lithium	6-1				105		%
Magnesium	24-2	5046.27	5024.74	4985.92	5018.98	0.61	ppb
Manganese	55-2	506.21	515.15	514.07	511.81	0.95	ppb
Molybdenum	94-1	476.82	476.83	473.72	475.79	0.38	ppb
Molybdenum	95-1	474.56	476.03	479.97	476.85	0.59	ppb
Molybdenum	96-1	474.90	474.88	481.45	477.08	0.79	ppb
Molybdenum	97-1	474.78	463.55	476.72	471.68	1.51	ppb
Molybdenum	98-1	467.74	468.43	475.41	470.53	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.98	53.13	53.69	53.60	0.80	ppb
Phosphorus	31-2	1054.99	1028.74	987.14	1023.62	3.34	ppb
Potassium	39-2	2667.20	2664.11	2664.65	2665.32	0.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	49.32	48.80	49.70	49.28	0.92	ppb
Selenium	77-2	51.74	50.34	57.88	53.32	7.52	ppb
Selenium	78-2	49.31	50.82	54.75	51.63	5.43	ppb
Silicon	28-1	84.18	84.03	84.07	84.09	0.10	ppb
Silver	107-1	47.28	48.79	49.21	48.43	2.09	ppb
Silver	109-1	47.61	48.75	49.43	48.60	1.89	ppb
Sodium	23-2	5077.96	5125.43	5048.31	5083.90	0.77	ppb
Strontium	86-1	1194.01	1185.27	1194.74	1191.34	0.44	ppb
Strontium	88-1	1186.97	1189.08	1201.86	1192.64	0.68	ppb
Sulfur	34-1	851.00	890.14	907.12	882.75	3.26	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	40.02	40.47	40.30	40.26	0.56	ppb
Thallium	205-1	39.56	40.60	40.23	40.13	1.32	ppb
Tin	118-1	45.27	46.49	46.85	46.20	1.79	ppb
Titanium	47-1	481.56	483.19	487.77	484.17	0.67	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:59:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	38.24	39.06	39.14	38.82	1.28	ppb
Vanadium	51-2	51.18	51.67	51.52	51.45	0.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	511.80	513.58	514.49	513.29	0.27	ppb
Zirconium	90-1	46.54	47.21	47.58	47.11	1.12	ppb
Zirconium	91-1	46.48	47.06	47.36	46.97	0.96	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:02:17	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2557.48	2567.36	2525.65	2550.16	0.85	ppb
Antimony	121-1	113.13	114.57	114.86	114.19	0.81	ppb
Arsenic	75-2	132.19	129.66	127.14	129.66	1.94	ppb
Barium	135-1	596.01	603.35	597.67	599.01	0.64	ppb
Barium	137-1	601.60	600.54	600.09	600.75	0.13	ppb
Beryllium	9-1	124.36	126.11	128.44	126.30	1.62	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	122.08	127.46	124.44	124.66	2.16	ppb
Cadmium	106-1	121.96	122.55	121.22	121.91	0.55	ppb
Cadmium	111-1	117.93	119.48	119.54	118.98	0.77	ppb
Calcium	43-1	14902.46	15196.74	15151.80	15083.67	1.05	ppb
Calcium	44-1	13452.67	13637.08	13422.89	13504.22	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.75	130.21	130.01	129.99	0.18	ppb
Cobalt	59-2	127.90	129.30	128.39	128.53	0.55	ppb
Copper	63-2	1323.17	1323.54	1333.68	1326.79	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	6700.33	6733.76	6783.50	6739.20	0.62	ppb
Iron	57-2	6897.42	6965.87	7051.50	6971.60	1.11	ppb
Iron	54-2	7100.95	7173.33	7048.62	7107.63	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:02:17	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	585.62	600.24	584.03	589.96	1.51	ppb
Lead	207-1	579.06	602.85	598.00	593.30	2.12	ppb
Lead	208-1	585.10	599.23	590.47	591.60	1.21	ppb
Lithium	6-1				103		%
Magnesium	24-2	12645.25	12793.28	12621.24	12686.59	0.73	ppb
Manganese	55-2	1297.59	1282.67	1283.77	1288.01	0.65	ppb
Molybdenum	94-1	1188.10	1212.26	1199.27	1199.88	1.01	ppb
Molybdenum	95-1	1184.95	1198.21	1198.95	1194.04	0.66	ppb
Molybdenum	96-1	1182.88	1188.05	1196.02	1188.99	0.56	ppb
Molybdenum	97-1	1172.52	1185.55	1181.07	1179.71	0.56	ppb
Molybdenum	98-1	1173.09	1188.23	1182.37	1181.23	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.59	134.89	134.37	134.28	0.49	ppb
Phosphorus	31-2	2615.46	2612.79	2587.47	2605.24	0.59	ppb
Potassium	39-2	6323.38	6359.61	6252.71	6311.90	0.86	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	123.19	123.35	122.45	123.00	0.39	ppb
Selenium	77-2	134.96	133.00	139.72	135.89	2.54	ppb
Selenium	78-2	134.88	130.76	133.13	132.92	1.56	ppb
Silicon	28-1	117.47	120.36	119.81	119.21	1.29	ppb
Silver	107-1	118.15	120.35	120.29	119.60	1.05	ppb
Silver	109-1	118.58	119.97	119.82	119.46	0.64	ppb
Sodium	23-2	12684.01	12913.20	12664.38	12753.86	1.08	ppb
Strontium	86-1	2990.88	3027.90	3007.09	3008.62	0.62	ppb
Strontium	88-1	2940.77	3025.85	2989.05	2985.22	1.43	ppb
Sulfur	34-1	2214.44	2301.73	2214.90	2243.69	2.24	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	101.48	104.00	100.45	101.98	1.79	ppb
Thallium	205-1	115.66	121.15	116.36	117.72	2.54	ppb
Tin	118-1	114.23	115.77	115.21	115.07	0.68	ppb
Titanium	47-1	1167.91	1199.01	1159.90	1175.61	1.76	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:02:17	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	114.67	117.32	114.69	115.56	1.32	ppb
Vanadium	51-2	129.04	130.37	130.82	130.08	0.71	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	1281.05	1290.84	1294.84	1288.91	0.55	ppb
Zirconium	90-1	119.84	121.67	120.01	120.51	0.84	ppb
Zirconium	91-1	116.53	118.59	119.00	118.04	1.12	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:05:09	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5094.99	5103.97	5111.87	5103.61	0.17	ppb
Antimony	121-1	259.33	234.94	234.49	242.92	5.85	ppb
Arsenic	75-2	249.08	256.32	255.30	253.57	1.54	ppb
Barium	135-1	1254.69	1181.60	1174.56	1203.62	3.69	ppb
Barium	137-1	1284.61	1163.54	1185.11	1211.09	5.33	ppb
Beryllium	9-1	259.05	248.93	246.53	251.51	2.64	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	260.02	241.37	242.28	247.89	4.24	ppb
Cadmium	106-1	261.79	243.09	242.85	249.24	4.36	ppb
Cadmium	111-1	249.85	232.21	230.17	237.41	4.56	ppb
Calcium	43-1	31963.98	29262.68	29795.29	30340.65	4.72	ppb
Calcium	44-1	28847.38	26117.08	26763.20	27242.55	5.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.99	258.47	259.69	259.05	0.24	ppb
Cobalt	59-2	254.04	252.64	252.73	253.14	0.31	ppb
Copper	63-2	2608.74	2614.25	2614.69	2612.56	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	13263.44	13272.76	13380.10	13305.43	0.49	ppb
Iron	57-2	13768.55	13782.73	13924.79	13825.36	0.62	ppb
Iron	54-2	13581.65	13585.48	13555.60	13574.24	0.12	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:05:09	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1230.53	1171.17	1144.32	1182.00	3.73	ppb
Lead	207-1	1234.93	1168.15	1140.76	1181.28	4.10	ppb
Lead	208-1	1232.61	1155.30	1147.31	1178.41	4.00	ppb
Lithium	6-1				103		%
Magnesium	24-2	24929.65	25106.66	25070.44	25035.58	0.37	ppb
Manganese	55-2	2537.34	2551.39	2572.05	2553.59	0.68	ppb
Molybdenum	94-1	2533.87	2322.62	2374.63	2410.37	4.57	ppb
Molybdenum	95-1	2534.77	2329.74	2381.27	2415.26	4.42	ppb
Molybdenum	96-1	2526.70	2300.79	2381.98	2403.16	4.76	ppb
Molybdenum	97-1	2498.77	2290.87	2370.64	2386.76	4.39	ppb
Molybdenum	98-1	2520.55	2303.54	2368.54	2397.54	4.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.31	261.79	264.64	263.58	0.59	ppb
Phosphorus	31-2	5111.62	5140.32	5116.59	5122.84	0.30	ppb
Potassium	39-2	12363.12	12417.64	12565.66	12448.81	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	259.04	238.88	243.58	247.17	4.27	ppb
Selenium	77-2	253.21	252.74	245.13	250.36	1.81	ppb
Selenium	78-2	253.38	255.37	259.60	256.12	1.24	ppb
Silicon	28-1	395.25	366.42	370.18	377.28	4.15	ppb
Silver	107-1	262.01	245.92	244.09	250.67	3.93	ppb
Silver	109-1	263.87	244.61	244.68	251.05	4.42	ppb
Sodium	23-2	25235.54	25473.90	25401.05	25370.16	0.48	ppb
Strontium	86-1	6299.74	5764.64	5987.38	6017.26	4.47	ppb
Strontium	88-1	6305.09	5767.96	5937.76	6003.60	4.57	ppb
Sulfur	34-1	5306.44	4391.26	4515.56	4737.75	10.48	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	246.70	233.33	234.22	238.08	3.14	ppb
Thallium	205-1	246.96	230.02	233.45	236.81	3.78	ppb
Tin	118-1	257.95	236.53	240.55	245.01	4.65	ppb
Titanium	47-1	2499.96	2284.13	2324.76	2369.62	4.84	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:05:09	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	242.14	227.71	226.31	232.05	3.78	ppb
Vanadium	51-2	257.73	259.18	259.54	258.82	0.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	2617.56	2623.50	2640.50	2627.19	0.45	ppb
Zirconium	90-1	253.29	230.77	235.84	239.97	4.92	ppb
Zirconium	91-1	250.68	228.72	235.55	238.31	4.72	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:07:58	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9962.33	9786.44	9897.53	9882.10	0.90	ppb
Antimony	121-1	463.82	467.37	471.97	467.72	0.87	ppb
Arsenic	75-2	498.24	494.70	487.49	493.47	1.11	ppb
Barium	135-1	2340.43	2334.60	2330.03	2335.02	0.22	ppb
Barium	137-1	2325.38	2342.25	2345.52	2337.72	0.46	ppb
Beryllium	9-1	473.01	487.66	479.48	480.05	1.53	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	475.19	468.32	475.80	473.11	0.88	ppb
Cadmium	106-1	468.15	476.54	473.86	472.85	0.91	ppb
Cadmium	111-1	445.05	450.54	455.14	450.24	1.12	ppb
Calcium	43-1	55191.82	56692.31	56078.35	55987.49	1.35	ppb
Calcium	44-1	52083.16	53222.34	52553.73	52619.75	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.31	495.76	490.13	494.73	0.85	ppb
Cobalt	59-2	497.79	511.47	493.22	500.83	1.90	ppb
Copper	63-2	4983.73	5025.18	5084.35	5031.09	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	26352.73	26196.31	25868.62	26139.22	0.95	ppb
Iron	57-2	26016.27	26106.41	26008.35	26043.68	0.21	ppb
Iron	54-2	26780.69	25999.48	26358.24	26379.47	1.48	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:07:58	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2293.53	2332.28	2338.37	2321.39	1.05	ppb
Lead	207-1	2280.57	2361.83	2318.45	2320.28	1.75	ppb
Lead	208-1	2284.30	2350.80	2315.99	2317.03	1.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	48935.87	48840.14	48872.25	48882.75	0.10	ppb
Manganese	55-2	5048.27	4969.19	4917.27	4978.24	1.33	ppb
Molybdenum	94-1	4641.46	4627.61	4732.73	4667.27	1.22	ppb
Molybdenum	95-1	4631.66	4601.77	4685.56	4639.66	0.92	ppb
Molybdenum	96-1	4591.71	4630.67	4668.79	4630.39	0.83	ppb
Molybdenum	97-1	4599.29	4606.43	4662.75	4622.82	0.75	ppb
Molybdenum	98-1	4578.81	4622.66	4659.03	4620.17	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.97	505.24	508.22	503.81	1.05	ppb
Phosphorus	31-2	9825.53	9940.58	9861.12	9875.74	0.60	ppb
Potassium	39-2	24216.06	24081.16	24594.30	24297.17	1.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	465.61	470.06	470.30	468.66	0.56	ppb
Selenium	77-2	511.73	513.11	493.66	506.17	2.14	ppb
Selenium	78-2	504.30	493.09	509.70	502.36	1.69	ppb
Silicon	28-1	1217.88	1233.50	1228.89	1226.76	0.65	ppb
Silver	107-1	474.62	471.87	478.72	475.07	0.73	ppb
Silver	109-1	478.71	474.09	479.84	477.55	0.64	ppb
Sodium	23-2	50500.85	49874.62	49831.85	50069.11	0.75	ppb
Strontium	86-1	11533.33	11547.13	11654.24	11578.23	0.57	ppb
Strontium	88-1	11423.84	11601.79	11681.42	11569.01	1.14	ppb
Sulfur	34-1	8933.75	9029.54	8903.68	8955.66	0.73	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	462.60	467.82	465.93	465.45	0.57	ppb
Thallium	205-1	452.52	458.44	464.79	458.58	1.34	ppb
Tin	118-1	465.57	468.32	475.30	469.73	1.07	ppb
Titanium	47-1	4579.56	4674.02	4596.10	4616.56	1.09	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:07:58	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	451.91	464.78	463.29	459.99	1.53	ppb
Vanadium	51-2	495.98	492.42	495.46	494.62	0.39	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	4969.14	5079.74	5042.04	5030.31	1.12	ppb
Zirconium	90-1	467.22	472.54	473.23	471.00	0.70	ppb
Zirconium	91-1	466.88	470.55	476.89	471.44	1.07	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:10:42	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19395.43	19238.95	19145.59	19259.99	0.66	ppb
Antimony	121-1	919.52	1149.15	989.74	1019.47	11.54	ppb
Arsenic	75-2	1000.02	989.46	1015.78	1001.75	1.32	ppb
Barium	135-1	4599.12	5756.87	4940.19	5098.73	11.67	ppb
Barium	137-1	4607.44	5750.41	4927.51	5095.12	11.57	ppb
Beryllium	9-1	937.87	1112.22	978.25	1009.45	9.04	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	920.08	1145.49	976.53	1014.04	11.57	ppb
Cadmium	106-1	911.76	1148.20	982.51	1014.16	11.97	ppb
Cadmium	111-1	929.50	1158.75	998.35	1028.87	11.43	ppb
Calcium	43-1	113392.46	140099.83	119417.45	124303.25	11.27	ppb
Calcium	44-1	106088.17	130555.14	112920.86	116521.39	10.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	998.36	1003.74	996.84	999.65	0.36	ppb
Cobalt	59-2	1000.06	1004.41	990.49	998.32	0.71	ppb
Copper	63-2	9955.57	9965.36	9914.71	9945.22	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	56-2	51853.43	52262.10	51768.62	51961.38	0.51	ppb
Iron	57-2	51241.12	52308.72	52206.02	51918.62	1.13	ppb
Iron	54-2	52957.07	53022.32	52186.49	52721.96	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:10:42	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4684.07	5747.51	4902.81	5111.46	10.99	ppb
Lead	207-1	4654.65	5749.87	4935.84	5113.45	11.12	ppb
Lead	208-1	4671.49	5753.96	4918.75	5114.73	11.09	ppb
Lithium	6-1				96		%
Magnesium	24-2	98659.57	98007.98	97903.98	98190.51	0.42	ppb
Manganese	55-2	10019.34	10028.62	9928.46	9992.14	0.55	ppb
Molybdenum	94-1	9274.03	11414.56	9900.15	10196.25	10.79	ppb
Molybdenum	95-1	9222.58	11529.29	9876.64	10209.51	11.64	ppb
Molybdenum	96-1	9187.64	11553.88	9911.85	10217.79	11.87	ppb
Molybdenum	97-1	9212.75	11632.18	9836.38	10227.10	12.28	ppb
Molybdenum	98-1	9205.93	11578.99	9891.88	10225.60	11.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.68	993.12	991.28	993.36	0.22	ppb
Phosphorus	31-2	20238.39	19929.81	19883.05	20017.08	0.96	ppb
Potassium	39-2	49336.24	49149.73	48660.65	49048.87	0.71	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				104		%
Selenium	82-1	920.87	1147.65	981.48	1016.67	11.55	ppb
Selenium	77-2	996.63	978.29	1010.99	995.30	1.65	ppb
Selenium	78-2	997.14	997.67	993.85	996.22	0.21	ppb
Silicon	28-1	550.66	677.37	583.71	603.91	10.88	ppb
Silver	107-1	925.35	1138.90	974.90	1013.05	11.03	ppb
Silver	109-1	918.30	1137.80	979.09	1011.73	11.20	ppb
Sodium	23-2	101041.65	100521.95	99609.07	100390.89	0.72	ppb
Strontium	86-1	22952.88	29073.28	24583.49	25536.55	12.41	ppb
Strontium	88-1	22969.43	28855.33	24817.54	25547.43	11.78	ppb
Sulfur	34-1	18515.17	23658.49	19703.24	20625.63	13.06	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	943.92	1159.26	967.68	1023.62	11.53	ppb
Thallium	205-1	936.00	1154.82	985.40	1025.41	11.19	ppb
Tin	118-1	910.25	1150.37	992.83	1017.82	11.99	ppb
Titanium	47-1	9302.48	11459.70	9941.03	10234.40	10.83	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:10:42	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	918.02	1159.01	1001.67	1026.23	11.92	ppb
Vanadium	51-2	1004.01	1007.85	987.49	999.78	1.08	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	9931.74	9955.18	9955.64	9947.52	0.14	ppb
Zirconium	90-1	922.92	1139.96	990.26	1017.71	10.92	ppb
Zirconium	91-1	921.90	1143.96	988.81	1018.22	11.19	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:13:27	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100377.92	100041.43	100040.03	100153.13	0.19	ppb
Antimony	121-1	0.62	0.61	0.64	0.63	2.69	ppb
Arsenic	75-2	0.64	0.65	0.82	0.70	14.50	ppb
Barium	135-1	1.87	1.85	1.86	1.86	0.66	ppb
Barium	137-1	1.91	2.03	2.04	1.99	3.57	ppb
Beryllium	9-1	0.16	0.22	0.14	0.18	23.22	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.37	0.50	0.43	14.38	ppb
Cadmium	106-1	-0.17	-0.42	-0.73	-0.44		ppb
Cadmium	111-1	0.15	0.15	0.10	0.13	21.73	ppb
Calcium	43-1	496306.88	491225.64	495063.52	494198.68	0.54	ppb
Calcium	44-1	497625.62	493883.21	497367.61	496292.15	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.08	3.01	3.11	3.07	1.66	ppb
Cobalt	59-2	2.60	2.67	2.61	2.63	1.54	ppb
Copper	63-2	2.34	2.31	2.21	2.29	2.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	252049.90	248214.11	248054.89	249439.63	0.91	ppb
Iron	57-2	250139.60	248404.28	249731.22	249425.03	0.36	ppb
Iron	54-2	250595.40	248570.96	248551.66	249239.34	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:13:27	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.85	1.24	1.02	1.04	18.61	ppb
Lead	207-1	0.89	1.17	1.01	1.03	13.53	ppb
Lead	208-1	0.86	1.20	1.00	1.02	16.57	ppb
Lithium	6-1				99		%
Magnesium	24-2	505323.77	498582.49	497494.61	500466.96	0.85	ppb
Manganese	55-2	5.07	5.19	5.13	5.13	1.17	ppb
Molybdenum	94-1	2.34	2.39	2.47	2.40	2.74	ppb
Molybdenum	95-1	1.49	1.50	1.78	1.59	10.42	ppb
Molybdenum	96-1	3.29	3.17	3.45	3.30	4.32	ppb
Molybdenum	97-1	1.47	1.62	1.74	1.61	8.27	ppb
Molybdenum	98-1	1.43	1.52	1.65	1.53	7.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.78	3.80	3.60	3.73	2.91	ppb
Phosphorus	31-2	-3.91	-5.33	-6.52	-5.26		ppb
Potassium	39-2	250730.85	249722.63	250326.08	250259.85	0.20	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	1.51	1.12	0.89	1.17	26.94	ppb
Selenium	77-2	0.00	0.51	0.26	0.26	99.50	ppb
Selenium	78-2	1.28	1.33	0.73	1.11	29.77	ppb
Silicon	28-1	2.88	2.52	2.25	2.55	12.49	ppb
Silver	107-1	0.13	0.14	0.14	0.14	2.88	ppb
Silver	109-1	0.14	0.13	0.12	0.13	6.06	ppb
Sodium	23-2	501168.40	498883.75	499615.50	499889.22	0.23	ppb
Strontium	86-1	4.35	4.25	4.70	4.43	5.39	ppb
Strontium	88-1	4.13	4.33	4.67	4.38	6.26	ppb
Sulfur	34-1	-665.08	-640.42	-753.77	-686.42		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.22	0.13	0.16	33.44	ppb
Thallium	205-1	0.12	0.19	0.11	0.14	28.36	ppb
Tin	118-1	0.34	0.36	0.41	0.37	9.20	ppb
Titanium	47-1	1.30	1.54	1.69	1.51	13.16	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:13:27	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.10	0.08	0.08	23.07	ppb
Vanadium	51-2	0.28	0.27	0.24	0.26	8.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	4.47	4.57	4.72	4.58	2.76	ppb
Zirconium	90-1	0.52	0.53	0.55	0.53	3.36	ppb
Zirconium	91-1	0.55	0.56	0.51	0.54	4.69	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:23:15	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	490.06	491.85	482.97	488.29	0.96	ppb
Antimony	121-1	199.84	196.74	199.56	198.71	0.86	ppb
Arsenic	75-2	206.97	208.59	211.57	209.05	1.12	ppb
Barium	135-1	88.08	88.22	89.59	88.63	0.94	ppb
Barium	137-1	89.04	90.58	91.37	90.33	1.31	ppb
Beryllium	9-1	99.61	103.62	101.73	101.66	1.97	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	89.55	91.51	90.42	90.49	1.08	ppb
Cadmium	106-1	88.41	86.67	90.61	88.57	2.23	ppb
Cadmium	111-1	97.35	97.81	99.72	98.29	1.28	ppb
Calcium	43-1	2067.66	2120.84	2135.48	2107.99	1.69	ppb
Calcium	44-1	2087.66	2150.44	2192.49	2143.53	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.35	103.91	104.75	104.34	0.40	ppb
Cobalt	59-2	102.34	102.71	102.30	102.45	0.22	ppb
Copper	63-2	96.78	97.45	96.36	96.86	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				111		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	2085.61	2085.79	2038.13	2069.85	1.33	ppb
Iron	57-2	2147.43	2152.10	2146.78	2148.77	0.14	ppb
Iron	54-2	2231.40	2246.03	2227.62	2235.02	0.44	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:23:15	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	173.71	199.34	209.65	194.23	9.53	ppb
Lead	207-1	164.25	166.73	170.46	167.15	1.87	ppb
Lead	208-1	182.78	193.10	197.18	191.02	3.89	ppb
Lithium	6-1				107		%
Magnesium	24-2	1231.15	1226.58	1221.30	1226.35	0.40	ppb
Manganese	55-2	102.61	102.57	101.65	102.28	0.53	ppb
Molybdenum	94-1	0.21	0.20	0.21	0.21	4.92	ppb
Molybdenum	95-1	0.15	0.16	0.17	0.16	6.22	ppb
Molybdenum	96-1	0.21	0.17	0.18	0.19	9.73	ppb
Molybdenum	97-1	0.17	0.16	0.15	0.16	4.87	ppb
Molybdenum	98-1	0.16	0.16	0.16	0.16	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.59	106.88	106.64	106.70	0.14	ppb
Phosphorus	31-2	-14.54	-16.26	-14.83	-15.21		ppb
Potassium	39-2	2045.74	2063.01	2049.16	2052.64	0.45	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	198.98	202.07	206.12	202.39	1.77	ppb
Selenium	77-2	203.39	220.28	220.67	214.78	4.59	ppb
Selenium	78-2	215.08	206.76	224.57	215.47	4.14	ppb
Silicon	28-1	-0.15	-0.01	0.11	-0.02		ppb
Silver	107-1	47.15	47.93	48.72	47.93	1.63	ppb
Silver	109-1	47.33	47.88	48.18	47.80	0.90	ppb
Sodium	23-2	1967.46	1992.58	1942.06	1967.37	1.28	ppb
Strontium	86-1	0.59	0.59	0.51	0.56	7.95	ppb
Strontium	88-1	0.55	0.58	0.54	0.56	3.54	ppb
Sulfur	34-1	-384.06	-318.81	-313.33	-338.73		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	202.47	204.96	208.37	205.27	1.44	ppb
Thallium	205-1	202.59	205.45	206.96	205.00	1.08	ppb
Tin	118-1	0.06	0.06	0.07	0.06	10.52	ppb
Titanium	47-1	0.17	0.13	0.18	0.16	17.29	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:23:15	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	3.21	ppb
Vanadium	51-2	100.32	100.97	100.49	100.59	0.34	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	198.35	198.22	200.20	198.92	0.55	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	6.16	ppb
Zirconium	91-1	0.06	0.08	0.07	0.07	12.07	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:31:23	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.27	1.43	0.85	1.19	25.28	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	8.57	ppb
Arsenic	75-2	0.04	0.08	0.06	0.06	37.50	ppb
Barium	135-1	0.05	0.06	0.06	0.06	15.79	ppb
Barium	137-1	0.07	0.08	0.07	0.07	9.40	ppb
Beryllium	9-1	0.04	0.06	0.04	0.04	26.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.09	0.03	0.04	137.12	ppb
Cadmium	106-1	-1.96	-0.54	-1.69	-1.40		ppb
Cadmium	111-1	-0.10	-0.01	-0.09	-0.07		ppb
Calcium	43-1	26.22	23.08	23.83	24.37	6.73	ppb
Calcium	44-1	28.96	27.84	27.90	28.23	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.04	0.02	0.03	40.88	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	23.19	ppb
Copper	63-2	0.12	0.15	0.14	0.14	12.69	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				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	0.63	0.66	0.53	0.61	10.78	ppb
Iron	57-2	-0.69	-0.93	-0.45	-0.69		ppb
Iron	54-2	2.26	1.63	1.40	1.76	25.06	ppb
Krypton	83-1						cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:31:23	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.14	0.15	0.14	0.14	5.93	ppb
Lead	207-1	0.15	0.12	0.13	0.13	12.44	ppb
Lead	208-1	0.14	0.14	0.14	0.14	0.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	6.90	7.00	6.71	6.87	2.16	ppb
Manganese	55-2	0.10	0.11	0.10	0.10	4.26	ppb
Molybdenum	94-1	0.18	0.21	0.19	0.19	7.42	ppb
Molybdenum	95-1	0.11	0.11	0.12	0.11	7.48	ppb
Molybdenum	96-1	0.12	0.11	0.11	0.11	6.63	ppb
Molybdenum	97-1	0.13	0.12	0.13	0.13	5.37	ppb
Molybdenum	98-1	0.11	0.11	0.13	0.11	8.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.02	0.00	1463.30	ppb
Phosphorus	31-2	-14.53	-15.66	-14.37	-14.86		ppb
Potassium	39-2	1.28	4.42	3.17	2.95	53.60	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	-0.08	0.31	-0.14	0.03	811.51	ppb
Selenium	77-2	0.00	0.00	0.26	0.09	173.21	ppb
Selenium	78-2	0.87	0.53	-1.50	-0.03		ppb
Silicon	28-1	0.39	0.41	0.38	0.39	3.18	ppb
Silver	107-1	0.03	0.03	0.03	0.03	8.08	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.37	ppb
Sodium	23-2	14.97	16.48	15.69	15.71	4.80	ppb
Strontium	86-1	0.28	0.25	0.28	0.27	6.41	ppb
Strontium	88-1	0.28	0.27	0.28	0.28	1.04	ppb
Sulfur	34-1	-101.88	-142.87	-100.51	-115.09		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.04	0.05	15.52	ppb
Thallium	205-1	0.04	0.05	0.05	0.04	8.04	ppb
Tin	118-1	0.07	0.09	0.09	0.09	15.67	ppb
Titanium	47-1	0.11	0.10	0.09	0.10	10.13	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:31:23	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	6.78	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	14.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	1.39	1.23	1.07	1.23	12.98	ppb
Zirconium	90-1	0.06	0.05	0.05	0.06	8.13	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	8.08	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:40:09	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88272.28	88521.75	88921.19	88571.74	0.37	ppb
Antimony	121-1	1.02	1.01	1.00	1.01	0.59	ppb
Arsenic	75-2	0.40	0.35	0.41	0.38	8.44	ppb
Barium	135-1	1.26	1.24	1.34	1.28	4.12	ppb
Barium	137-1	1.25	1.29	1.29	1.28	2.11	ppb
Beryllium	9-1	0.32	0.35	0.36	0.34	5.68	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.09	7.30	7.69	7.36	4.11	ppb
Cadmium	106-1	-2.51	-2.59	-2.11	-2.40		ppb
Cadmium	111-1	0.17	0.14	0.14	0.15	11.27	ppb
Calcium	43-1	96978.62	97152.30	97473.62	97201.51	0.26	ppb
Calcium	44-1	96939.38	98018.06	97741.70	97566.38	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.82	19.75	19.86	19.81	0.26	ppb
Cobalt	59-2	1.22	1.18	1.24	1.21	2.66	ppb
Copper	63-2	6.96	7.00	7.13	7.03	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	100139.08	100419.92	100590.96	100383.32	0.23	ppb
Iron	57-2	99736.78	100185.27	99894.42	99938.82	0.23	ppb
Iron	54-2	100331.73	101689.78	99589.73	100537.08	1.06	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:40:09	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.84	3.80	3.87	3.83	1.00	ppb
Lead	207-1	3.43	3.45	3.45	3.45	0.33	ppb
Lead	208-1	3.61	3.59	3.66	3.62	1.08	ppb
Lithium	6-1				97		%
Magnesium	24-2	96826.71	96830.89	96584.26	96747.29	0.15	ppb
Manganese	55-2	7.67	7.69	7.98	7.78	2.20	ppb
Molybdenum	94-1	1344.50	1377.16	1392.48	1371.38	1.79	ppb
Molybdenum	95-1	1655.75	1645.24	1667.77	1656.26	0.68	ppb
Molybdenum	96-1	1627.88	1605.65	1627.15	1620.23	0.78	ppb
Molybdenum	97-1	1616.13	1648.26	1651.29	1638.56	1.19	ppb
Molybdenum	98-1	1625.07	1621.51	1664.17	1636.91	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.51	5.61	5.28	5.47	3.13	ppb
Phosphorus	31-2	98806.65	100621.03	99155.46	99527.71	0.97	ppb
Potassium	39-2	95693.91	96803.53	95872.17	96123.20	0.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				112		%
Selenium	82-1	0.19	0.08	-0.07	0.06	199.53	ppb
Selenium	77-2	0.25	0.00	0.25	0.17	86.60	ppb
Selenium	78-2	0.03	0.32	-0.39	-0.01		ppb
Silicon	28-1	3.88	4.13	4.09	4.03	3.26	ppb
Silver	107-1	0.06	0.06	0.07	0.06	10.82	ppb
Silver	109-1	0.06	0.06	0.07	0.06	12.30	ppb
Sodium	23-2	97385.20	97721.93	97591.05	97566.06	0.17	ppb
Strontium	86-1	31.53	31.08	31.98	31.53	1.43	ppb
Strontium	88-1	31.01	31.24	32.02	31.42	1.67	ppb
Sulfur	34-1	87971.75	87719.07	88340.77	88010.53	0.36	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.07	0.07	0.07	4.26	ppb
Thallium	205-1	0.08	0.07	0.08	0.07	2.15	ppb
Tin	118-1	0.52	0.56	0.55	0.54	4.08	ppb
Titanium	47-1	1683.03	1688.43	1691.96	1687.80	0.27	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:40:09	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.03	0.02	28.34	ppb
Vanadium	51-2	0.19	0.17	0.20	0.19	6.93	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	10.90	11.30	11.46	11.22	2.57	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	9.73	ppb
Zirconium	91-1	0.05	0.04	0.03	0.04	16.24	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:43:11	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86875.78	85895.80	86797.93	86523.17	0.63	ppb
Antimony	121-1	18.25	19.21	18.33	18.60	2.85	ppb
Arsenic	75-2	19.31	19.01	19.89	19.41	2.30	ppb
Barium	135-1	18.01	18.84	17.75	18.20	3.14	ppb
Barium	137-1	18.20	19.13	17.99	18.44	3.30	ppb
Beryllium	9-1	19.57	20.42	20.61	20.20	2.75	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	21.44	23.33	22.43	22.40	4.22	ppb
Cadmium	106-1	14.83	15.43	12.68	14.31	10.13	ppb
Cadmium	111-1	17.50	18.82	17.14	17.82	4.98	ppb
Calcium	43-1	94528.70	99108.05	95300.38	96312.38	2.55	ppb
Calcium	44-1	94875.25	98993.29	95426.17	96431.57	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.07	38.38	38.82	38.76	0.90	ppb
Cobalt	59-2	19.78	19.78	19.97	19.84	0.54	ppb
Copper	63-2	24.53	24.53	24.35	24.47	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				113		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	98803.87	98226.93	98956.00	98662.27	0.39	ppb
Iron	57-2	97979.94	97171.95	98267.92	97806.60	0.58	ppb
Iron	54-2	98348.48	99014.11	99034.93	98799.17	0.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:43:11	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.99	22.70	21.87	22.19	2.03	ppb
Lead	207-1	21.05	21.75	21.04	21.28	1.92	ppb
Lead	208-1	21.36	22.03	21.23	21.54	2.00	ppb
Lithium	6-1				99		%
Magnesium	24-2	95182.72	94468.79	95715.03	95122.18	0.66	ppb
Manganese	55-2	26.72	26.49	26.64	26.62	0.43	ppb
Molybdenum	94-1	1334.42	1395.45	1313.87	1347.91	3.15	ppb
Molybdenum	95-1	1599.81	1682.97	1571.55	1618.11	3.58	ppb
Molybdenum	96-1	1575.99	1654.65	1552.48	1594.37	3.36	ppb
Molybdenum	97-1	1595.31	1669.28	1583.52	1616.04	2.88	ppb
Molybdenum	98-1	1603.98	1692.71	1586.77	1627.82	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.06	24.03	24.73	24.27	1.63	ppb
Phosphorus	31-2	98309.24	97582.14	98644.06	98178.48	0.55	ppb
Potassium	39-2	94227.99	93558.77	94440.68	94075.82	0.49	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				118		%
Selenium	82-1	17.42	19.35	17.58	18.12	5.90	ppb
Selenium	77-2	20.34	23.27	16.54	20.05	16.83	ppb
Selenium	78-2	17.27	17.24	18.46	17.66	3.93	ppb
Silicon	28-1	3.84	4.40	3.97	4.07	7.26	ppb
Silver	107-1	16.58	17.59	16.70	16.95	3.26	ppb
Silver	109-1	16.72	17.58	16.73	17.01	2.92	ppb
Sodium	23-2	96335.73	95932.18	96365.66	96211.19	0.25	ppb
Strontium	86-1	30.63	32.65	30.07	31.12	4.35	ppb
Strontium	88-1	30.59	32.29	30.40	31.09	3.35	ppb
Sulfur	34-1	84799.18	87578.02	84945.58	85774.26	1.82	ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	17.61	18.29	17.66	17.85	2.11	ppb
Thallium	205-1	17.74	18.22	17.69	17.88	1.66	ppb
Tin	118-1	0.38	0.38	0.37	0.38	1.76	ppb
Titanium	47-1	1654.00	1721.37	1643.71	1673.03	2.52	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:43:11	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	2.78	ppb
Vanadium	51-2	19.66	19.29	19.28	19.41	1.11	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	29.37	28.74	29.23	29.11	1.15	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	13.25	ppb
Zirconium	91-1	0.03	0.05	0.04	0.04	25.57	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:46:15	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48524.24	49223.56	49681.95	49143.25	1.19	ppb
Antimony	121-1	470.96	492.86	493.40	485.74	2.64	ppb
Arsenic	75-2	530.80	521.30	528.84	526.98	0.95	ppb
Barium	135-1	2345.80	2450.66	2443.16	2413.20	2.42	ppb
Barium	137-1	2344.09	2432.89	2410.71	2395.90	1.93	ppb
Beryllium	9-1	532.27	531.78	537.05	533.70	0.55	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	496.38	515.48	514.35	508.74	2.11	ppb
Cadmium	106-1	491.85	520.07	518.92	510.28	3.13	ppb
Cadmium	111-1	470.62	489.38	491.47	483.83	2.37	ppb
Calcium	43-1	247584.01	256096.42	251380.59	251687.01	1.69	ppb
Calcium	44-1	250696.83	254468.31	253255.53	252806.89	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.70	493.11	486.23	490.34	0.74	ppb
Cobalt	59-2	502.51	514.04	512.92	509.82	1.25	ppb
Copper	63-2	4893.41	4913.02	4956.46	4920.96	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				116		%
Holmium	165-2				112		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	125720.40	124560.40	126089.83	125456.88	0.64	ppb
Iron	57-2	124183.47	124919.36	125522.68	124875.17	0.54	ppb
Iron	54-2	125539.48	126127.86	126993.94	126220.43	0.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:46:15	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2377.92	2431.66	2423.80	2411.13	1.20	ppb
Lead	207-1	2391.75	2439.25	2446.96	2425.99	1.23	ppb
Lead	208-1	2381.49	2424.96	2430.56	2412.33	1.11	ppb
Lithium	6-1				96		%
Magnesium	24-2	245817.34	247301.48	248565.45	247228.09	0.56	ppb
Manganese	55-2	4910.85	4815.56	4910.19	4878.87	1.12	ppb
Molybdenum	94-1	4700.42	4765.33	4793.33	4753.03	1.00	ppb
Molybdenum	95-1	4658.21	4801.38	4794.94	4751.51	1.70	ppb
Molybdenum	96-1	4643.64	4805.40	4766.83	4738.62	1.78	ppb
Molybdenum	97-1	4630.33	4764.03	4754.66	4716.34	1.58	ppb
Molybdenum	98-1	4622.43	4798.72	4749.75	4723.63	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.00	499.22	501.51	499.91	0.28	ppb
Phosphorus	31-2	9899.27	9946.27	10090.73	9978.76	1.00	ppb
Potassium	39-2	122023.41	122507.39	124011.03	122847.28	0.84	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				119		%
Scandium	45-2				121		%
Selenium	82-1	474.79	488.28	489.14	484.07	1.66	ppb
Selenium	77-2	502.19	502.50	529.35	511.35	3.05	ppb
Selenium	78-2	509.76	512.75	505.38	509.29	0.73	ppb
Silicon	28-1	1431.67	1463.65	1446.33	1447.22	1.11	ppb
Silver	107-1	492.86	509.81	506.29	502.98	1.78	ppb
Silver	109-1	496.28	510.43	496.53	501.08	1.62	ppb
Sodium	23-2	249594.61	247562.84	248792.13	248649.86	0.41	ppb
Strontium	86-1	11665.41	12064.02	12061.47	11930.30	1.92	ppb
Strontium	88-1	11571.65	11956.31	11855.00	11794.32	1.69	ppb
Sulfur	34-1	8057.12	8518.68	8374.81	8316.87	2.84	ppb
Terbium	159-1				116		%
Terbium	159-2				110		%
Thallium	203-1	481.38	489.30	493.61	488.10	1.27	ppb
Thallium	205-1	478.04	488.08	493.10	486.40	1.58	ppb
Tin	118-1	469.21	486.73	483.50	479.81	1.94	ppb
Titanium	47-1	4658.00	4763.87	4732.65	4718.17	1.15	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:46:15	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	473.21	488.14	485.91	482.42	1.67	ppb
Vanadium	51-2	498.55	506.35	502.55	502.48	0.78	ppb
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	4964.55	4867.38	4945.38	4925.77	1.04	ppb
Zirconium	90-1	475.11	486.06	485.53	482.23	1.28	ppb
Zirconium	91-1	471.79	491.69	482.99	482.16	2.07	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:48:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.75	6.87	6.92	6.85	1.30	ppb
Antimony	121-1	0.30	0.29	0.30	0.30	1.27	ppb
Arsenic	75-2	0.05	0.05	0.02	0.04	44.91	ppb
Barium	135-1	0.15	0.11	0.11	0.13	18.67	ppb
Barium	137-1	0.15	0.16	0.15	0.15	3.57	ppb
Beryllium	9-1	0.07	0.08	0.05	0.07	19.19	ppb
Bismuth	209-1				116		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.02	0.02	0.01	211.90	ppb
Cadmium	106-1	-0.41	-0.35	-0.35	-0.37		ppb
Cadmium	111-1	0.03	0.04	0.02	0.03	28.42	ppb
Calcium	43-1	28.94	29.69	28.41	29.02	2.22	ppb
Calcium	44-1	29.30	28.91	28.35	28.86	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.00	0.01	94.51	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	4.59	ppb
Copper	63-2	0.40	0.41	0.38	0.39	3.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				114		%
Indium	115-1				117		%
Indium	115-2				115		%
Iron	56-2	6.28	6.61	6.39	6.43	2.64	ppb
Iron	57-2	4.96	5.55	5.61	5.37	6.65	ppb
Iron	54-2	5.93	6.05	6.13	6.04	1.67	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:48:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.21	0.20	0.21	9.39	ppb
Lead	207-1	0.24	0.24	0.21	0.23	5.89	ppb
Lead	208-1	0.23	0.22	0.21	0.22	4.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	16.32	16.74	17.22	16.76	2.69	ppb
Manganese	55-2	0.24	0.23	0.19	0.22	11.36	ppb
Molybdenum	94-1	0.48	0.45	0.45	0.46	3.44	ppb
Molybdenum	95-1	0.45	0.45	0.43	0.44	3.38	ppb
Molybdenum	96-1	0.44	0.43	0.43	0.43	1.39	ppb
Molybdenum	97-1	0.44	0.41	0.43	0.43	3.52	ppb
Molybdenum	98-1	0.44	0.40	0.43	0.43	5.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.02	0.01	145.27	ppb
Phosphorus	31-2	-11.90	-10.00	-15.37	-12.43		ppb
Potassium	39-2	18.97	19.98	19.72	19.56	2.67	ppb
Rhodium	103-1				118		%
Rhodium	103-2				116		%
Scandium	45-1				120		%
Scandium	45-2				119		%
Selenium	82-1	-0.17	-0.35	-0.02	-0.18		ppb
Selenium	77-2	0.00	0.00	0.23	0.08	173.21	ppb
Selenium	78-2	-0.36	-0.56	0.75	-0.06		ppb
Silicon	28-1	0.49	0.61	0.52	0.54	12.03	ppb
Silver	107-1	0.08	0.06	0.05	0.06	22.75	ppb
Silver	109-1	0.07	0.06	0.06	0.06	12.69	ppb
Sodium	23-2	52.14	54.17	50.29	52.20	3.72	ppb
Strontium	86-1	0.69	0.61	0.62	0.64	6.53	ppb
Strontium	88-1	0.72	0.67	0.62	0.67	7.07	ppb
Sulfur	34-1	-976.48	-846.34	-887.58	-903.47		ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	0.09	0.07	0.06	0.07	15.03	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	12.17	ppb
Tin	118-1	0.29	0.30	0.33	0.31	5.84	ppb
Titanium	47-1	0.30	0.43	0.35	0.36	18.06	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:48:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	7.85	ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	3.83	ppb
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	1.58	1.63	1.62	1.61	1.72	ppb
Zirconium	90-1	0.05	0.04	0.05	0.04	12.14	ppb
Zirconium	91-1	0.05	0.04	0.03	0.04	34.65	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BL	Instrumnet Name :	P7
Client Sample ID :	PBS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:52:13	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.72	3.37	2.85	2.98	11.49	ppb
Antimony	121-1	0.10	0.10	0.12	0.11	8.42	ppb
Arsenic	75-2	0.01	0.01	0.03	0.02	83.14	ppb
Barium	135-1	0.06	0.09	0.05	0.07	32.66	ppb
Barium	137-1	0.07	0.10	0.08	0.08	13.95	ppb
Beryllium	9-1	0.06	0.04	0.07	0.05	30.81	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.11	-0.01	0.03	254.72	ppb
Cadmium	106-1	-0.62	0.15	-0.42	-0.30		ppb
Cadmium	111-1	-0.02	0.04	-0.01	0.00	1588.93	ppb
Calcium	43-1	9.18	8.06	11.04	9.43	15.99	ppb
Calcium	44-1	12.36	12.04	11.15	11.85	5.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	0.03	0.03	6.99	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	61.70	ppb
Copper	63-2	0.21	0.24	0.21	0.22	9.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	56-2	2.37	2.97	2.38	2.58	13.36	ppb
Iron	57-2	0.70	1.38	1.89	1.32	45.18	ppb
Iron	54-2	4.24	5.13	3.91	4.43	14.22	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BL	Instrumnet Name :	P7
Client Sample ID :	PBS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:52:13	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.14	0.13	0.13	0.13	2.53	ppb
Lead	207-1	0.13	0.14	0.10	0.12	14.70	ppb
Lead	208-1	0.13	0.13	0.13	0.13	3.01	ppb
Lithium	6-1				98		%
Magnesium	24-2	8.47	9.35	8.61	8.81	5.39	ppb
Manganese	55-2	0.06	0.04	0.05	0.05	15.49	ppb
Molybdenum	94-1	0.36	0.31	0.32	0.33	7.84	ppb
Molybdenum	95-1	0.19	0.19	0.19	0.19	0.80	ppb
Molybdenum	96-1	0.22	0.21	0.19	0.21	6.95	ppb
Molybdenum	97-1	0.21	0.20	0.17	0.19	11.77	ppb
Molybdenum	98-1	0.20	0.23	0.20	0.21	7.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-15.78	-13.51	-15.29	-14.86		ppb
Potassium	39-2	9.40	10.05	6.74	8.73	20.09	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	82-1	-0.03	0.34	0.26	0.19	100.93	ppb
Selenium	77-2	0.00	0.24	0.49	0.24	100.61	ppb
Selenium	78-2	-0.07	0.65	0.30	0.30	121.24	ppb
Silicon	28-1	0.05	0.01	0.08	0.05	71.93	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.23	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.27	ppb
Sodium	23-2	31.46	32.24	28.86	30.85	5.74	ppb
Strontium	86-1	0.30	0.31	0.29	0.30	2.66	ppb
Strontium	88-1	0.33	0.34	0.32	0.33	3.82	ppb
Sulfur	34-1	-488.10	-606.03	-575.24	-556.46		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.45	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.24	ppb
Tin	118-1	0.11	0.13	0.12	0.12	8.49	ppb
Titanium	47-1	0.17	0.21	0.19	0.19	9.83	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BL	Instrumnet Name :	P7
Client Sample ID :	PBS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:52:13	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	11.43	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	25.33	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	0.01	0.10	0.12	0.08	72.76	ppb
Zirconium	90-1	0.11	0.09	0.08	0.09	18.30	ppb
Zirconium	91-1	0.10	0.08	0.09	0.09	10.17	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BS	Instrumnet Name :	P7
Client Sample ID :	LCS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:55:28	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.54	40.19	41.62	41.12	1.95	ppb
Antimony	121-1	3.63	3.63	3.66	3.64	0.44	ppb
Arsenic	75-2	1.92	2.12	1.93	1.99	5.65	ppb
Barium	135-1	16.70	16.55	17.06	16.77	1.58	ppb
Barium	137-1	17.13	16.74	17.22	17.03	1.52	ppb
Beryllium	9-1	1.94	2.08	2.01	2.01	3.43	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.33	2.06	1.75	2.05	14.29	ppb
Cadmium	106-1	2.32	0.58	0.59	1.16	86.29	ppb
Cadmium	111-1	1.87	1.70	1.74	1.77	5.13	ppb
Calcium	43-1	984.31	965.21	988.52	979.35	1.27	ppb
Calcium	44-1	993.63	995.21	1005.06	997.97	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.12	3.97	4.00	4.03	1.92	ppb
Cobalt	59-2	1.98	2.00	1.92	1.96	2.03	ppb
Copper	63-2	4.29	4.20	4.29	4.26	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				111		%
Holmium	165-2				111		%
Indium	115-1				113		%
Indium	115-2				111		%
Iron	56-2	406.61	416.90	413.68	412.40	1.28	ppb
Iron	57-2	423.91	426.85	421.40	424.06	0.64	ppb
Iron	54-2	431.75	433.77	429.31	431.61	0.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BS	Instrumnet Name :	P7
Client Sample ID :	LCS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:55:28	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.64	1.66	1.72	1.67	2.65	ppb
Lead	207-1	1.72	1.68	1.71	1.70	1.20	ppb
Lead	208-1	1.68	1.68	1.71	1.69	1.23	ppb
Lithium	6-1				99		%
Magnesium	24-2	1076.47	1073.12	1079.77	1076.46	0.31	ppb
Manganese	55-2	2.04	1.94	2.12	2.03	4.33	ppb
Molybdenum	94-1	9.89	10.10	10.10	10.03	1.21	ppb
Molybdenum	95-1	8.14	8.35	8.41	8.30	1.73	ppb
Molybdenum	96-1	8.27	8.54	8.60	8.47	2.13	ppb
Molybdenum	97-1	8.21	8.06	8.24	8.17	1.16	ppb
Molybdenum	98-1	8.05	8.19	8.37	8.20	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	1.93	1.98	2.02	5.43	ppb
Phosphorus	31-2	-13.64	-14.82	-8.78	-12.41		ppb
Potassium	39-2	1037.48	1025.02	1031.03	1031.18	0.60	ppb
Rhodium	103-1				114		%
Rhodium	103-2				114		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	9.56	9.43	9.78	9.59	1.84	ppb
Selenium	77-2	10.86	11.41	11.49	11.25	3.06	ppb
Selenium	78-2	11.01	9.91	9.00	9.97	10.08	ppb
Silicon	28-1	2.90	2.72	3.02	2.88	5.22	ppb
Silver	107-1	1.77	1.86	1.88	1.84	3.06	ppb
Silver	109-1	1.80	1.81	1.86	1.83	1.73	ppb
Sodium	23-2	1033.88	1036.39	1033.03	1034.43	0.17	ppb
Strontium	86-1	1.99	2.08	2.11	2.06	3.12	ppb
Strontium	88-1	2.05	2.11	2.08	2.08	1.42	ppb
Sulfur	34-1	-521.87	-547.66	-503.45	-524.33		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	1.58	1.56	1.55	1.56	1.11	ppb
Thallium	205-1	1.55	1.56	1.60	1.57	1.84	ppb
Tin	118-1	0.12	0.12	0.11	0.12	5.10	ppb
Titanium	47-1	8.77	8.34	8.62	8.57	2.49	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BS	Instrumnet Name :	P7
Client Sample ID :	LCS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:55:28	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.46	1.47	1.49	1.47	1.06	ppb
Vanadium	51-2	9.91	9.96	9.84	9.90	0.58	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	9.90	9.79	9.50	9.73	2.16	ppb
Zirconium	90-1	1.83	1.89	1.87	1.86	1.71	ppb
Zirconium	91-1	1.80	1.88	1.93	1.87	3.39	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:58:44	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.85	22.63	21.63	21.70	4.11	ppb
Antimony	121-1	1.79	1.82	1.83	1.82	1.03	ppb
Arsenic	75-2	0.99	1.16	0.96	1.04	10.21	ppb
Barium	135-1	8.23	8.54	8.25	8.34	2.04	ppb
Barium	137-1	8.34	8.55	8.47	8.45	1.27	ppb
Beryllium	9-1	1.04	1.02	0.99	1.02	2.84	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.95	0.85	0.94	0.91	6.29	ppb
Cadmium	106-1	0.43	0.67	0.96	0.69	38.59	ppb
Cadmium	111-1	0.88	0.94	0.94	0.92	3.54	ppb
Calcium	43-1	479.76	489.66	487.51	485.64	1.07	ppb
Calcium	44-1	490.33	500.44	505.62	498.80	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.28	1.99	2.13	6.92	ppb
Cobalt	59-2	0.99	1.07	0.98	1.01	5.06	ppb
Copper	63-2	2.26	2.36	2.04	2.22	7.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	217.95	227.01	206.22	217.06	4.80	ppb
Iron	57-2	216.35	226.01	207.66	216.67	4.24	ppb
Iron	54-2	225.36	235.30	212.97	224.54	4.98	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:58:44	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.88	0.89	0.88	1.72	ppb
Lead	207-1	0.91	0.87	0.84	0.88	4.05	ppb
Lead	208-1	0.87	0.87	0.87	0.87	0.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	540.84	581.87	523.80	548.84	5.44	ppb
Manganese	55-2	1.19	1.15	0.99	1.11	9.38	ppb
Molybdenum	94-1	5.05	5.03	4.97	5.02	0.83	ppb
Molybdenum	95-1	4.01	4.23	4.23	4.16	3.12	ppb
Molybdenum	96-1	4.26	4.38	4.11	4.25	3.21	ppb
Molybdenum	97-1	3.98	4.27	4.28	4.17	3.97	ppb
Molybdenum	98-1	4.08	4.15	4.16	4.13	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.09	1.06	1.06	2.72	ppb
Phosphorus	31-2	-16.68	-8.42	-16.30	-13.80		ppb
Potassium	39-2	512.12	563.27	500.35	525.25	6.37	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	4.58	4.89	4.45	4.64	4.89	ppb
Selenium	77-2	7.67	4.15	2.86	4.89	50.83	ppb
Selenium	78-2	7.52	6.19	6.58	6.76	10.17	ppb
Silicon	28-1	1.33	1.50	1.58	1.47	8.44	ppb
Silver	107-1	0.92	0.93	0.93	0.93	0.91	ppb
Silver	109-1	0.89	0.91	0.98	0.93	5.45	ppb
Sodium	23-2	524.34	572.42	513.32	536.69	5.86	ppb
Strontium	86-1	1.15	1.13	1.13	1.14	0.82	ppb
Strontium	88-1	1.15	1.15	1.15	1.15	0.18	ppb
Sulfur	34-1	-503.39	-451.86	-441.59	-465.61		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.74	0.82	0.74	0.77	5.94	ppb
Thallium	205-1	0.79	0.78	0.78	0.78	0.34	ppb
Tin	118-1	0.09	0.12	0.10	0.10	10.17	ppb
Titanium	47-1	4.11	4.32	4.44	4.29	3.83	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:58:44	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.74	0.72	0.72	1.91	ppb
Vanadium	51-2	4.87	5.26	4.80	4.98	5.00	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	5.05	5.02	4.97	5.01	0.85	ppb
Zirconium	90-1	0.94	0.93	0.93	0.93	0.74	ppb
Zirconium	91-1	0.90	0.91	0.96	0.92	3.22	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BL	Instrumnet Name :	P7
Client Sample ID :	PBS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:01:58	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.59	1.93	2.39	2.30	14.66	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.27	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	36.22	ppb
Barium	135-1	0.04	0.06	0.04	0.05	26.55	ppb
Barium	137-1	0.05	0.04	0.03	0.04	27.65	ppb
Beryllium	9-1	0.06	0.01	0.02	0.03	81.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	-0.05	-0.01		ppb
Cadmium	106-1	0.61	0.34	-0.16	0.26	150.46	ppb
Cadmium	111-1	0.06	0.05	0.01	0.04	66.22	ppb
Calcium	43-1	5.40	7.92	7.96	7.09	20.73	ppb
Calcium	44-1	8.40	7.83	7.24	7.82	7.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.03	0.00	0.02	123.91	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	215.37	ppb
Copper	63-2	0.13	0.11	0.14	0.13	14.87	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				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	0.96	0.76	0.91	0.88	12.16	ppb
Iron	57-2	-1.28	-1.20	-1.97	-1.48		ppb
Iron	54-2	1.71	1.54	1.20	1.48	17.62	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BL	Instrumnet Name :	P7
Client Sample ID :	PBS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:01:58	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.10	0.08	0.09	7.24	ppb
Lead	207-1	0.09	0.10	0.08	0.09	14.97	ppb
Lead	208-1	0.09	0.09	0.08	0.09	7.71	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.99	5.84	6.15	5.99	2.57	ppb
Manganese	55-2	0.01	0.02	0.00	0.01	116.84	ppb
Molybdenum	94-1	0.16	0.16	0.13	0.15	10.98	ppb
Molybdenum	95-1	0.12	0.12	0.12	0.12	0.32	ppb
Molybdenum	96-1	0.13	0.14	0.11	0.12	12.24	ppb
Molybdenum	97-1	0.12	0.12	0.13	0.12	4.77	ppb
Molybdenum	98-1	0.11	0.13	0.12	0.12	8.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.04	-0.02		ppb
Phosphorus	31-2	-14.76	-15.31	-15.84	-15.30		ppb
Potassium	39-2	7.29	5.67	8.22	7.06	18.34	ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	-0.28	-0.29	-0.34	-0.30		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.65	0.26	0.70	0.53	45.41	ppb
Silicon	28-1	0.01	-0.03	0.07	0.02	322.13	ppb
Silver	107-1	0.02	0.02	0.02	0.02	18.69	ppb
Silver	109-1	0.03	0.02	0.02	0.02	21.57	ppb
Sodium	23-2	19.81	18.50	19.78	19.36	3.87	ppb
Strontium	86-1	0.24	0.23	0.20	0.23	8.49	ppb
Strontium	88-1	0.23	0.23	0.20	0.22	7.02	ppb
Sulfur	34-1	-393.66	-442.41	-386.54	-407.54		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.03	0.02	8.19	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	8.71	ppb
Tin	118-1	0.09	0.09	0.06	0.08	16.40	ppb
Titanium	47-1	0.12	0.10	0.07	0.10	26.16	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BL	Instrumnet Name :	P7
Client Sample ID :	PBS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:01:58	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.00	24.36	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	23.93	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	-0.05	0.10	-0.11	-0.02		ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	24.24	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	19.75	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BS	Instrumnet Name :	P7
Client Sample ID :	LCS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:05:16	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.94	40.76	41.19	41.30	1.45	ppb
Antimony	121-1	3.58	3.62	3.61	3.60	0.52	ppb
Arsenic	75-2	1.97	2.05	2.18	2.07	5.19	ppb
Barium	135-1	16.84	16.72	16.92	16.83	0.60	ppb
Barium	137-1	17.04	16.70	16.91	16.88	1.00	ppb
Beryllium	9-1	1.96	2.11	2.04	2.04	3.69	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.14	1.84	1.81	1.93	9.32	ppb
Cadmium	106-1	1.37	1.06	1.01	1.15	17.01	ppb
Cadmium	111-1	1.81	1.74	1.78	1.78	2.04	ppb
Calcium	43-1	998.37	992.38	988.07	992.94	0.52	ppb
Calcium	44-1	1007.73	1023.24	1006.17	1012.38	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.15	4.22	4.14	4.17	1.14	ppb
Cobalt	59-2	2.02	1.99	2.01	2.01	0.90	ppb
Copper	63-2	4.14	4.13	4.07	4.11	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				110		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	413.03	416.75	412.28	414.02	0.58	ppb
Iron	57-2	429.91	428.09	420.65	426.22	1.15	ppb
Iron	54-2	431.10	435.49	427.71	431.43	0.90	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BS	Instrumnet Name :	P7
Client Sample ID :	LCS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:05:16	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.77	1.70	1.69	1.72	2.64	ppb
Lead	207-1	1.63	1.63	1.63	1.63	0.13	ppb
Lead	208-1	1.68	1.66	1.66	1.67	0.54	ppb
Lithium	6-1				99		%
Magnesium	24-2	1068.89	1086.02	1075.45	1076.79	0.80	ppb
Manganese	55-2	1.94	2.04	1.98	1.99	2.49	ppb
Molybdenum	94-1	9.86	10.04	10.20	10.03	1.68	ppb
Molybdenum	95-1	8.22	8.42	8.56	8.40	2.03	ppb
Molybdenum	96-1	8.50	8.55	8.51	8.52	0.36	ppb
Molybdenum	97-1	8.31	8.42	8.35	8.36	0.68	ppb
Molybdenum	98-1	8.25	8.29	8.35	8.29	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	2.17	2.14	2.10	4.80	ppb
Phosphorus	31-2	-17.90	-13.69	-16.21	-15.93		ppb
Potassium	39-2	1030.74	1042.05	1030.57	1034.45	0.64	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	82-1	9.43	9.45	9.30	9.39	0.83	ppb
Selenium	77-2	10.11	10.53	8.78	9.81	9.28	ppb
Selenium	78-2	11.57	10.85	10.07	10.83	6.90	ppb
Silicon	28-1	2.97	3.07	2.93	2.99	2.38	ppb
Silver	107-1	1.78	1.83	1.82	1.81	1.63	ppb
Silver	109-1	1.78	1.80	1.85	1.81	2.19	ppb
Sodium	23-2	1023.98	1044.88	1025.57	1031.48	1.13	ppb
Strontium	86-1	2.07	2.14	2.03	2.08	2.49	ppb
Strontium	88-1	2.04	2.07	2.05	2.06	0.86	ppb
Sulfur	34-1	-411.61	-473.63	-459.33	-448.19		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	1.56	1.53	1.56	1.55	0.99	ppb
Thallium	205-1	1.57	1.55	1.59	1.57	1.25	ppb
Tin	118-1	0.08	0.08	0.11	0.09	22.86	ppb
Titanium	47-1	8.62	8.66	8.75	8.68	0.75	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BS	Instrumnet Name :	P7
Client Sample ID :	LCS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:05:16	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.51	1.47	1.50	1.49	1.33	ppb
Vanadium	51-2	9.94	9.96	9.96	9.95	0.11	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	9.65	9.96	9.59	9.73	2.00	ppb
Zirconium	90-1	1.88	1.91	1.88	1.89	1.08	ppb
Zirconium	91-1	1.88	1.91	1.86	1.88	1.30	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:08:29	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.07	20.16	21.47	20.57	3.81	ppb
Antimony	121-1	1.76	1.76	1.84	1.79	2.62	ppb
Arsenic	75-2	0.98	0.88	1.07	0.98	9.62	ppb
Barium	135-1	8.41	8.59	8.38	8.46	1.35	ppb
Barium	137-1	8.28	8.36	8.54	8.39	1.62	ppb
Beryllium	9-1	1.11	1.03	1.01	1.05	4.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	0.80	0.87	0.90	12.77	ppb
Cadmium	106-1	0.09	0.60	0.20	0.30	90.15	ppb
Cadmium	111-1	0.86	0.88	0.91	0.88	3.01	ppb
Calcium	43-1	482.02	495.36	494.55	490.64	1.52	ppb
Calcium	44-1	491.24	502.00	501.03	498.09	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	1.97	2.01	1.99	1.10	ppb
Cobalt	59-2	0.98	0.93	0.95	0.95	2.36	ppb
Copper	63-2	2.10	2.10	2.01	2.07	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	208.24	205.70	207.47	207.14	0.63	ppb
Iron	57-2	205.18	206.04	204.31	205.18	0.42	ppb
Iron	54-2	210.22	209.76	210.95	210.31	0.29	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:08:29	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.84	0.86	0.89	0.86	2.85	ppb
Lead	207-1	0.85	0.85	0.85	0.85	0.26	ppb
Lead	208-1	0.83	0.85	0.87	0.85	2.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	530.65	521.26	534.82	528.91	1.31	ppb
Manganese	55-2	1.05	1.00	1.04	1.03	2.73	ppb
Molybdenum	94-1	4.95	5.03	4.96	4.98	0.79	ppb
Molybdenum	95-1	4.15	4.11	4.07	4.11	0.90	ppb
Molybdenum	96-1	4.09	4.21	4.18	4.16	1.57	ppb
Molybdenum	97-1	4.05	4.17	4.13	4.11	1.42	ppb
Molybdenum	98-1	4.09	4.17	4.07	4.11	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.00	1.00	0.99	3.06	ppb
Phosphorus	31-2	-11.05	-11.23	-13.83	-12.04		ppb
Potassium	39-2	507.58	496.21	510.46	504.75	1.49	ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	4.70	4.72	4.60	4.67	1.41	ppb
Selenium	77-2	3.82	4.12	7.49	5.14	39.59	ppb
Selenium	78-2	6.11	5.96	5.64	5.90	4.05	ppb
Silicon	28-1	1.40	1.45	1.42	1.42	1.77	ppb
Silver	107-1	0.91	0.93	0.93	0.92	1.11	ppb
Silver	109-1	0.91	0.92	0.95	0.93	2.10	ppb
Sodium	23-2	510.52	506.98	514.26	510.59	0.71	ppb
Strontium	86-1	1.15	1.13	1.08	1.12	3.33	ppb
Strontium	88-1	1.13	1.13	1.10	1.12	1.85	ppb
Sulfur	34-1	-512.85	-517.14	-554.21	-528.07		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.78	0.78	0.77	0.78	0.16	ppb
Thallium	205-1	0.75	0.74	0.76	0.75	1.44	ppb
Tin	118-1	0.09	0.10	0.10	0.10	4.12	ppb
Titanium	47-1	4.11	4.45	4.27	4.28	3.98	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:08:29	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.72	0.73	0.72	1.10	ppb
Vanadium	51-2	4.82	4.85	4.83	4.83	0.35	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	4.98	4.89	4.76	4.87	2.24	ppb
Zirconium	90-1	0.93	0.93	0.93	0.93	0.25	ppb
Zirconium	91-1	0.92	0.93	0.86	0.91	4.03	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01RE	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:11:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34393.96	34351.69	34053.79	34266.48	0.54	ppb
Antimony	121-1	3.70	3.72	3.79	3.73	1.20	ppb
Arsenic	75-2	126.09	128.44	125.64	126.72	1.19	ppb
Barium	135-1	464.61	469.01	476.57	470.06	1.29	ppb
Barium	137-1	510.17	513.56	513.02	512.25	0.36	ppb
Beryllium	9-1	1.65	1.63	1.57	1.62	2.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.97	2.72	2.96	2.88	5.02	ppb
Cadmium	106-1	3.47	3.08	2.75	3.10	11.69	ppb
Cadmium	111-1	2.01	1.92	1.96	1.96	2.21	ppb
Calcium	43-1	7994.31	8233.72	8276.48	8168.17	1.86	ppb
Calcium	44-1	7643.72	7796.72	7804.98	7748.47	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.71	95.92	95.27	95.97	0.75	ppb
Cobalt	59-2	51.57	50.53	50.65	50.92	1.12	ppb
Copper	63-2	252.66	248.55	248.93	250.05	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	100117.87	98953.96	98644.43	99238.76	0.78	ppb
Iron	57-2	98337.23	97762.79	97581.29	97893.77	0.40	ppb
Iron	54-2	99802.50	99297.69	98304.99	99135.06	0.77	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01RE	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:11:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	69.93	71.23	71.84	71.00	1.37	ppb
Lead	207-1	69.86	70.53	70.91	70.43	0.76	ppb
Lead	208-1	69.31	70.50	71.32	70.38	1.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	19233.34	19077.09	18991.77	19100.73	0.64	ppb
Manganese	55-2	2604.32	2582.37	2563.54	2583.41	0.79	ppb
Molybdenum	94-1	18.61	18.77	19.04	18.80	1.16	ppb
Molybdenum	95-1	1.29	1.42	1.41	1.38	5.29	ppb
Molybdenum	96-1	3.95	3.94	3.99	3.96	0.72	ppb
Molybdenum	97-1	1.34	1.39	1.43	1.39	3.22	ppb
Molybdenum	98-1	1.29	1.39	1.38	1.35	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.09	101.63	101.50	101.74	0.31	ppb
Phosphorus	31-2	1996.32	1980.32	1962.96	1979.86	0.84	ppb
Potassium	39-2	7509.63	7409.67	7423.89	7447.73	0.73	ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				125		%
Scandium	45-2				126		%
Selenium	82-1	0.82	1.12	1.03	0.99	15.41	ppb
Selenium	77-2	25.93	17.97	16.69	20.20	24.78	ppb
Selenium	78-2	3.94	5.11	3.16	4.07	24.14	ppb
Silicon	28-1	629.57	667.70	652.44	649.90	2.95	ppb
Silver	107-1	0.59	0.58	0.55	0.57	4.13	ppb
Silver	109-1	0.59	0.55	0.57	0.57	3.57	ppb
Sodium	23-2	203.10	202.10	201.89	202.36	0.32	ppb
Strontium	86-1	73.39	74.69	75.67	74.58	1.53	ppb
Strontium	88-1	75.57	76.17	77.14	76.29	1.04	ppb
Sulfur	34-1	-808.15	-778.14	-903.56	-829.95		ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.46	0.47	0.47	0.47	1.24	ppb
Thallium	205-1	0.45	0.46	0.47	0.46	2.43	ppb
Tin	118-1	2.61	2.72	2.68	2.67	1.94	ppb
Titanium	47-1	820.47	848.78	844.24	837.83	1.81	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01RE	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:11:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.11	1.12	1.11	1.17	ppb
Vanadium	51-2	196.79	194.86	193.80	195.15	0.78	ppb
Yttrium	89-1				123		%
Yttrium	89-2				120		%
Zinc	66-2	268.81	263.35	264.58	265.58	1.08	ppb
Zirconium	90-1	10.51	10.64	10.67	10.61	0.79	ppb
Zirconium	91-1	10.33	10.80	10.67	10.60	2.32	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:14:50	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35308.64	34980.40	34969.32	35086.12	0.55	ppb
Antimony	121-1	3.86	3.86	4.06	3.92	2.91	ppb
Arsenic	75-2	136.40	133.07	135.30	134.92	1.25	ppb
Barium	135-1	457.62	460.54	477.03	465.06	2.25	ppb
Barium	137-1	504.00	500.85	509.48	504.77	0.86	ppb
Beryllium	9-1	1.62	1.60	1.61	1.61	0.55	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.10	3.19	3.04	3.11	2.49	ppb
Cadmium	106-1	3.54	2.73	4.13	3.47	20.35	ppb
Cadmium	111-1	1.87	1.90	2.00	1.92	3.68	ppb
Calcium	43-1	8085.41	8188.24	8299.97	8191.21	1.31	ppb
Calcium	44-1	7725.10	7666.39	7784.34	7725.28	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.31	96.05	96.57	96.31	0.27	ppb
Cobalt	59-2	51.65	52.27	52.25	52.06	0.68	ppb
Copper	63-2	254.51	256.35	257.25	256.04	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				114		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	101192.05	101939.55	102674.66	101935.42	0.73	ppb
Iron	57-2	100572.59	101254.55	100363.24	100730.12	0.46	ppb
Iron	54-2	101060.98	101595.22	102199.05	101618.42	0.56	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:14:50	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.00	71.06	72.30	71.12	1.62	ppb
Lead	207-1	68.39	70.32	71.16	69.96	2.03	ppb
Lead	208-1	69.02	70.44	71.13	70.20	1.53	ppb
Lithium	6-1				103		%
Magnesium	24-2	19171.30	19396.82	19409.24	19325.79	0.69	ppb
Manganese	55-2	2544.44	2582.67	2572.89	2566.66	0.77	ppb
Molybdenum	94-1	18.50	18.91	19.36	18.92	2.27	ppb
Molybdenum	95-1	1.38	1.39	1.48	1.42	3.69	ppb
Molybdenum	96-1	3.85	4.00	4.02	3.96	2.36	ppb
Molybdenum	97-1	1.37	1.44	1.40	1.41	2.66	ppb
Molybdenum	98-1	1.32	1.34	1.36	1.34	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.56	103.34	103.78	103.56	0.21	ppb
Phosphorus	31-2	2024.46	2066.78	2102.95	2064.73	1.90	ppb
Potassium	39-2	7512.35	7557.82	7579.67	7549.95	0.45	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				124		%
Scandium	45-2				125		%
Selenium	82-1	0.96	1.09	1.04	1.03	6.31	ppb
Selenium	77-2	17.49	19.97	19.18	18.88	6.70	ppb
Selenium	78-2	3.25	4.80	5.16	4.40	23.04	ppb
Silicon	28-1	603.11	606.99	617.93	609.34	1.26	ppb
Silver	107-1	0.54	0.53	0.57	0.55	4.00	ppb
Silver	109-1	0.51	0.54	0.55	0.53	4.34	ppb
Sodium	23-2	188.56	188.20	192.28	189.68	1.19	ppb
Strontium	86-1	75.07	75.73	76.97	75.92	1.27	ppb
Strontium	88-1	76.43	77.43	77.20	77.02	0.68	ppb
Sulfur	34-1	-1041.20	-1111.93	-1096.10	-1083.08		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.44	0.48	0.47	0.47	4.38	ppb
Thallium	205-1	0.46	0.46	0.48	0.47	2.62	ppb
Tin	118-1	2.52	2.70	2.79	2.67	5.14	ppb
Titanium	47-1	848.73	849.67	855.82	851.41	0.45	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:14:50	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.11	1.12	1.10	2.52	ppb
Vanadium	51-2	198.69	200.21	200.54	199.81	0.49	ppb
Yttrium	89-1				122		%
Yttrium	89-2				120		%
Zinc	66-2	268.44	270.84	273.66	270.98	0.96	ppb
Zirconium	90-1	10.42	10.63	10.56	10.54	1.02	ppb
Zirconium	91-1	10.50	10.76	10.76	10.68	1.41	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 16:17:57	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7104.77	7133.16	6706.20	6981.38	3.42	ppb
Antimony	121-1	0.75	0.75	0.78	0.76	1.91	ppb
Arsenic	75-2	25.43	26.97	24.90	25.77	4.18	ppb
Barium	135-1	91.33	89.61	92.84	91.26	1.77	ppb
Barium	137-1	92.52	91.45	93.35	92.44	1.03	ppb
Beryllium	9-1	0.29	0.32	0.24	0.28	13.60	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.63	0.64	0.62	0.63	2.02	ppb
Cadmium	106-1	0.45	-0.01	0.07	0.17	146.27	ppb
Cadmium	111-1	0.38	0.33	0.38	0.36	7.71	ppb
Calcium	43-1	1683.03	1674.34	1660.71	1672.69	0.67	ppb
Calcium	44-1	1696.60	1666.46	1709.00	1690.69	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.21	19.97	19.10	19.43	2.43	ppb
Cobalt	59-2	10.38	10.67	10.11	10.39	2.69	ppb
Copper	63-2	52.26	53.39	50.74	52.13	2.55	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				112		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	20281.62	20709.61	19710.44	20233.89	2.48	ppb
Iron	57-2	20226.44	20544.72	19729.34	20166.83	2.04	ppb
Iron	54-2	20166.90	20837.73	20124.13	20376.25	1.96	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 16:17:57	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.49	13.74	13.85	13.69	1.36	ppb
Lead	207-1	13.25	13.66	13.33	13.41	1.62	ppb
Lead	208-1	13.33	13.57	13.54	13.48	0.98	ppb
Lithium	6-1				102		%
Magnesium	24-2	3915.00	3907.66	3765.72	3862.79	2.18	ppb
Manganese	55-2	530.32	544.30	520.83	531.82	2.22	ppb
Molybdenum	94-1	3.91	3.87	4.01	3.93	1.90	ppb
Molybdenum	95-1	0.38	0.36	0.38	0.37	2.43	ppb
Molybdenum	96-1	0.84	0.80	0.87	0.84	4.37	ppb
Molybdenum	97-1	0.34	0.33	0.37	0.35	5.67	ppb
Molybdenum	98-1	0.34	0.34	0.37	0.35	5.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.76	21.10	20.50	20.79	1.45	ppb
Phosphorus	31-2	384.49	399.91	382.02	388.81	2.49	ppb
Potassium	39-2	1608.50	1638.11	1579.59	1608.73	1.82	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	82-1	-0.04	0.35	0.23	0.18	111.89	ppb
Selenium	77-2	3.36	4.91	2.84	3.71	29.00	ppb
Selenium	78-2	1.40	1.09	0.60	1.03	38.85	ppb
Silicon	28-1	133.34	129.93	132.69	131.99	1.37	ppb
Silver	107-1	0.12	0.11	0.12	0.12	6.79	ppb
Silver	109-1	0.12	0.12	0.12	0.12	1.13	ppb
Sodium	23-2	59.76	62.01	59.84	60.54	2.11	ppb
Strontium	86-1	15.10	15.37	15.45	15.31	1.20	ppb
Strontium	88-1	15.12	15.06	15.20	15.13	0.46	ppb
Sulfur	34-1	-994.33	-1085.63	-1091.04	-1057.00		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.11	0.10	0.12	0.11	8.34	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	3.66	ppb
Tin	118-1	0.61	0.60	0.66	0.62	4.48	ppb
Titanium	47-1	172.69	169.90	174.44	172.34	1.33	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 16:17:57	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.22	0.22	0.21	3.72	ppb
Vanadium	51-2	39.26	40.42	39.11	39.60	1.81	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	56.36	57.56	54.51	56.14	2.74	ppb
Zirconium	90-1	2.13	2.12	2.17	2.14	1.35	ppb
Zirconium	91-1	2.17	2.17	2.15	2.17	0.53	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:21:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35249.31	34926.71	34665.80	34947.27	0.84	ppb
Antimony	121-1	54.64	56.54	60.58	57.25	5.30	ppb
Arsenic	75-2	147.44	151.95	149.50	149.63	1.51	ppb
Barium	135-1	1534.22	1572.15	1701.61	1602.66	5.48	ppb
Barium	137-1	1547.66	1582.57	1684.30	1604.85	4.42	ppb
Beryllium	9-1	31.11	31.64	32.40	31.72	2.04	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.33	28.64	29.74	28.90	2.56	ppb
Cadmium	106-1	28.68	26.66	30.16	28.50	6.16	ppb
Cadmium	111-1	28.68	29.26	31.22	29.72	4.48	ppb
Calcium	43-1	8029.95	8061.33	8492.01	8194.43	3.15	ppb
Calcium	44-1	7544.96	7560.81	8008.48	7704.75	3.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208.33	207.55	206.10	207.33	0.54	ppb
Cobalt	59-2	333.27	329.80	330.36	331.15	0.56	ppb
Copper	63-2	398.05	392.26	394.92	395.08	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	98894.62	98374.81	98431.95	98567.12	0.29	ppb
Iron	57-2	98592.46	97488.98	97057.16	97712.87	0.81	ppb
Iron	54-2	98980.83	99559.50	98610.32	99050.22	0.48	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:21:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	77.07	77.56	84.59	79.74	5.28	ppb
Lead	207-1	77.23	77.86	82.45	79.18	3.60	ppb
Lead	208-1	76.77	77.18	83.30	79.08	4.63	ppb
Lithium	6-1				99		%
Magnesium	24-2	18701.40	18828.95	18744.64	18758.33	0.35	ppb
Manganese	55-2	2849.89	2810.17	2812.94	2824.33	0.79	ppb
Molybdenum	94-1	18.12	18.61	19.16	18.63	2.78	ppb
Molybdenum	95-1	1.37	1.39	1.41	1.39	1.42	ppb
Molybdenum	96-1	3.83	3.87	3.99	3.90	2.09	ppb
Molybdenum	97-1	1.32	1.35	1.41	1.36	3.36	ppb
Molybdenum	98-1	1.32	1.27	1.36	1.32	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	384.12	382.79	383.03	383.31	0.19	ppb
Phosphorus	31-2	2010.77	2024.03	2004.51	2013.10	0.50	ppb
Potassium	39-2	7382.58	7341.25	7377.04	7366.96	0.30	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				120		%
Scandium	45-2				124		%
Selenium	82-1	60.44	61.24	61.57	61.08	0.96	ppb
Selenium	77-2	85.65	81.87	77.22	81.58	5.18	ppb
Selenium	78-2	66.42	70.01	69.03	68.49	2.71	ppb
Silicon	28-1	629.89	626.76	662.30	639.65	3.08	ppb
Silver	107-1	23.27	23.84	25.43	24.18	4.64	ppb
Silver	109-1	23.12	23.93	25.62	24.22	5.27	ppb
Sodium	23-2	166.96	174.32	169.50	170.26	2.20	ppb
Strontium	86-1	73.11	72.83	76.66	74.20	2.88	ppb
Strontium	88-1	75.16	75.06	78.07	76.09	2.25	ppb
Sulfur	34-1	-1055.15	-1125.17	-972.49	-1050.94		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	23.48	23.58	25.54	24.20	4.80	ppb
Thallium	205-1	23.26	23.57	24.90	23.91	3.64	ppb
Tin	118-1	2.57	2.66	2.86	2.69	5.46	ppb
Titanium	47-1	837.39	826.11	865.42	842.98	2.40	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:21:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.07	1.15	1.09	4.16	ppb
Vanadium	51-2	472.27	471.13	462.84	468.75	1.10	ppb
Yttrium	89-1				120		%
Yttrium	89-2				119		%
Zinc	66-2	531.69	524.84	523.75	526.76	0.82	ppb
Zirconium	90-1	10.24	10.31	10.88	10.47	3.34	ppb
Zirconium	91-1	10.37	10.51	10.83	10.57	2.19	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:24:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37961.24	37682.74	37993.21	37879.06	0.45	ppb
Antimony	121-1	261.98	268.12	290.74	273.61	5.54	ppb
Arsenic	75-2	228.65	232.49	226.85	229.33	1.26	ppb
Barium	135-1	5465.89	5559.52	6068.57	5697.99	5.69	ppb
Barium	137-1	5523.60	5628.02	6154.94	5768.86	5.87	ppb
Beryllium	9-1	139.63	139.72	145.54	141.63	2.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	119.55	122.33	131.75	124.54	5.13	ppb
Cadmium	106-1	117.64	119.78	131.07	122.83	5.87	ppb
Cadmium	111-1	128.14	129.96	141.26	133.12	5.34	ppb
Calcium	43-1	7644.34	7877.57	8444.49	7988.80	5.15	ppb
Calcium	44-1	7311.02	7422.37	7954.03	7562.47	4.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	625.52	622.34	628.88	625.58	0.52	ppb
Cobalt	59-2	1383.70	1384.22	1378.53	1382.15	0.23	ppb
Copper	63-2	889.47	895.00	895.34	893.27	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	99938.11	100223.91	99973.64	100045.22	0.16	ppb
Iron	57-2	98195.03	99518.54	98258.50	98657.36	0.76	ppb
Iron	54-2	100575.98	100082.48	100532.73	100397.06	0.27	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:24:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.74	113.10	119.34	115.06	3.23	ppb
Lead	207-1	111.06	113.11	119.60	114.59	3.89	ppb
Lead	208-1	121.24	121.81	129.63	124.23	3.77	ppb
Lithium	6-1				99		%
Magnesium	24-2	18327.16	18384.96	18089.39	18267.17	0.86	ppb
Manganese	55-2	3815.74	3825.93	3803.67	3815.12	0.29	ppb
Molybdenum	94-1	17.87	18.04	19.13	18.34	3.72	ppb
Molybdenum	95-1	1.32	1.33	1.47	1.37	6.35	ppb
Molybdenum	96-1	3.76	3.75	4.12	3.88	5.38	ppb
Molybdenum	97-1	1.23	1.29	1.35	1.29	4.66	ppb
Molybdenum	98-1	1.30	1.31	1.39	1.34	3.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1518.86	1512.09	1511.37	1514.11	0.27	ppb
Phosphorus	31-2	1973.95	1945.36	1980.41	1966.57	0.95	ppb
Potassium	39-2	7222.00	7258.92	7178.71	7219.88	0.56	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				118		%
Scandium	45-2				120		%
Selenium	82-1	272.51	277.14	294.45	281.36	4.11	ppb
Selenium	77-2	310.97	316.70	314.35	314.01	0.92	ppb
Selenium	78-2	301.42	292.95	293.33	295.90	1.62	ppb
Silicon	28-1	605.52	616.49	657.61	626.54	4.38	ppb
Silver	107-1	106.79	109.35	117.58	111.24	5.07	ppb
Silver	109-1	107.46	109.95	118.07	111.83	4.96	ppb
Sodium	23-2	162.93	164.49	161.33	162.92	0.97	ppb
Strontium	86-1	71.23	71.57	76.21	73.00	3.81	ppb
Strontium	88-1	73.46	73.18	78.62	75.08	4.08	ppb
Sulfur	34-1	-1112.74	-1130.00	-906.39	-1049.71		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	111.89	111.96	119.25	114.36	3.70	ppb
Thallium	205-1	128.30	128.71	136.21	131.08	3.40	ppb
Tin	118-1	2.54	2.62	2.80	2.65	4.96	ppb
Titanium	47-1	808.12	823.54	872.93	834.86	4.06	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:24:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.08	1.15	1.10	3.76	ppb
Vanadium	51-2	1494.85	1485.90	1480.71	1487.15	0.48	ppb
Yttrium	89-1				117		%
Yttrium	89-2				116		%
Zinc	66-2	1509.67	1508.77	1499.87	1506.10	0.36	ppb
Zirconium	90-1	10.06	10.17	10.94	10.39	4.62	ppb
Zirconium	91-1	10.35	10.30	10.86	10.50	2.93	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:27:51	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33925.82	34469.31	34437.32	34277.48	0.89	ppb
Antimony	121-1	3.81	3.87	3.95	3.88	1.84	ppb
Arsenic	75-2	128.81	127.43	129.26	128.50	0.74	ppb
Barium	135-1	463.70	468.75	476.88	469.77	1.42	ppb
Barium	137-1	496.77	506.23	517.81	506.94	2.08	ppb
Beryllium	9-1	1.61	1.60	1.76	1.65	5.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.06	2.82	2.32	2.74	13.69	ppb
Cadmium	106-1	2.65	2.88	2.84	2.79	4.32	ppb
Cadmium	111-1	1.99	2.00	1.98	1.99	0.41	ppb
Calcium	43-1	7971.21	8287.20	8142.26	8133.56	1.94	ppb
Calcium	44-1	7672.25	7792.62	7745.35	7736.74	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.12	96.88	95.80	96.27	0.57	ppb
Cobalt	59-2	51.92	51.85	51.91	51.89	0.08	ppb
Copper	63-2	252.61	255.39	255.66	254.56	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				110		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	99734.59	99861.70	99650.45	99748.91	0.11	ppb
Iron	57-2	98177.94	98557.02	98624.20	98453.05	0.24	ppb
Iron	54-2	99693.50	100502.66	100372.76	100189.64	0.43	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:27:51	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.01	71.55	72.15	71.24	1.55	ppb
Lead	207-1	68.82	72.04	70.89	70.59	2.31	ppb
Lead	208-1	68.82	71.10	71.19	70.37	1.91	ppb
Lithium	6-1				98		%
Magnesium	24-2	18779.08	19010.82	18875.18	18888.36	0.62	ppb
Manganese	55-2	2593.01	2621.35	2608.53	2607.63	0.54	ppb
Molybdenum	94-1	18.59	18.70	19.08	18.79	1.37	ppb
Molybdenum	95-1	1.37	1.34	1.36	1.36	0.99	ppb
Molybdenum	96-1	3.85	3.84	3.98	3.89	2.03	ppb
Molybdenum	97-1	1.30	1.27	1.35	1.30	3.02	ppb
Molybdenum	98-1	1.29	1.31	1.30	1.30	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.42	104.19	103.12	103.58	0.54	ppb
Phosphorus	31-2	2022.67	1989.87	1990.61	2001.05	0.94	ppb
Potassium	39-2	7448.52	7463.49	7431.20	7447.74	0.22	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				119		%
Scandium	45-2				121		%
Selenium	82-1	0.22	1.00	1.08	0.77	61.82	ppb
Selenium	77-2	18.91	20.10	22.49	20.50	8.90	ppb
Selenium	78-2	4.55	4.22	5.12	4.63	9.85	ppb
Silicon	28-1	636.88	647.49	648.32	644.23	0.99	ppb
Silver	107-1	0.57	0.54	0.54	0.55	3.46	ppb
Silver	109-1	0.57	0.52	0.53	0.54	4.51	ppb
Sodium	23-2	158.72	159.28	159.73	159.24	0.32	ppb
Strontium	86-1	73.83	73.92	75.03	74.26	0.90	ppb
Strontium	88-1	76.76	76.15	75.63	76.18	0.75	ppb
Sulfur	34-1	-1028.53	-1016.88	-1068.12	-1037.84		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.45	0.46	0.47	0.46	1.81	ppb
Thallium	205-1	0.43	0.45	0.46	0.45	3.65	ppb
Tin	118-1	2.70	2.71	2.75	2.72	1.06	ppb
Titanium	47-1	835.66	856.41	859.68	850.58	1.53	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:27:51	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.11	1.13	1.12	1.06	ppb
Vanadium	51-2	196.86	199.42	197.46	197.91	0.68	ppb
Yttrium	89-1				118		%
Yttrium	89-2				116		%
Zinc	66-2	268.09	272.25	269.11	269.82	0.80	ppb
Zirconium	90-1	10.49	10.53	10.65	10.56	0.77	ppb
Zirconium	91-1	10.28	10.34	10.66	10.43	1.94	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-04	Instrumnet Name :	P7
Client Sample ID :	MYE4R2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:30:58	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36076.89	35876.61	39651.35	37201.62	5.71	ppb
Antimony	121-1	3.15	3.19	3.26	3.20	1.62	ppb
Arsenic	75-2	88.17	88.98	98.12	91.75	6.02	ppb
Barium	135-1	379.02	380.96	386.25	382.08	0.98	ppb
Barium	137-1	409.79	413.64	415.14	412.85	0.67	ppb
Beryllium	9-1	1.42	1.37	1.31	1.37	4.11	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.21	1.44	1.41	13.82	ppb
Cadmium	106-1	1.32	1.97	1.58	1.63	20.10	ppb
Cadmium	111-1	0.38	0.44	0.36	0.40	10.87	ppb
Calcium	43-1	8573.73	8540.46	8633.45	8582.55	0.55	ppb
Calcium	44-1	8076.30	8021.09	8122.56	8073.32	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.26	88.26	96.42	90.98	5.18	ppb
Cobalt	59-2	40.96	41.10	45.22	42.43	5.71	ppb
Copper	63-2	108.86	108.33	119.33	112.17	5.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	80438.78	79898.87	88221.31	82852.99	5.62	ppb
Iron	57-2	78730.45	79586.42	87453.67	81923.51	5.87	ppb
Iron	54-2	80688.73	80222.58	87724.36	82878.56	5.07	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-04	Instrumnet Name :	P7
Client Sample ID :	MYE4R2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:30:58	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.52	20.07	20.12	19.90	1.66	ppb
Lead	207-1	18.65	19.23	19.43	19.11	2.12	ppb
Lead	208-1	19.00	19.42	19.60	19.34	1.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	16274.03	16429.83	17977.74	16893.87	5.58	ppb
Manganese	55-2	1852.30	1850.43	2030.13	1910.96	5.40	ppb
Molybdenum	94-1	18.22	18.69	18.72	18.54	1.52	ppb
Molybdenum	95-1	1.09	1.13	1.08	1.10	2.33	ppb
Molybdenum	96-1	3.40	3.50	3.52	3.47	1.81	ppb
Molybdenum	97-1	1.02	1.10	1.12	1.08	5.01	ppb
Molybdenum	98-1	1.02	1.05	1.05	1.04	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.96	80.06	89.06	83.69	5.66	ppb
Phosphorus	31-2	1486.91	1535.89	1637.14	1553.31	4.93	ppb
Potassium	39-2	5790.39	5840.44	6384.41	6005.08	5.49	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				116		%
Scandium	45-2				115		%
Selenium	82-1	0.63	0.59	0.78	0.66	15.17	ppb
Selenium	77-2	15.37	14.96	13.79	14.71	5.58	ppb
Selenium	78-2	3.22	3.12	5.50	3.95	34.21	ppb
Silicon	28-1	323.56	320.82	326.27	323.55	0.84	ppb
Silver	107-1	0.16	0.15	0.15	0.15	2.10	ppb
Silver	109-1	0.13	0.14	0.14	0.14	4.19	ppb
Sodium	23-2	153.90	153.52	172.60	160.01	6.82	ppb
Strontium	86-1	63.15	64.47	65.93	64.52	2.16	ppb
Strontium	88-1	65.57	66.27	66.78	66.21	0.92	ppb
Sulfur	34-1	-1075.76	-1221.40	-1157.50	-1151.55		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.28	0.28	0.31	0.29	4.96	ppb
Thallium	205-1	0.28	0.29	0.29	0.28	2.60	ppb
Tin	118-1	2.08	2.13	2.13	2.12	1.35	ppb
Titanium	47-1	627.43	630.24	643.67	633.78	1.37	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-04	Instrumnet Name :	P7
Client Sample ID :	MYE4R2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:30:58	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.95	0.95	0.94	1.97	ppb
Vanadium	51-2	138.96	139.84	152.59	143.79	5.31	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	169.68	169.70	188.32	175.90	6.12	ppb
Zirconium	90-1	10.34	10.62	10.71	10.56	1.86	ppb
Zirconium	91-1	10.44	10.69	10.76	10.63	1.61	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-05	Instrumnet Name :	P7
Client Sample ID :	MYE4R3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:34:04	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39444.09	39101.63	39097.73	39214.48	0.51	ppb
Antimony	121-1	3.00	3.13	3.05	3.06	2.00	ppb
Arsenic	75-2	125.94	125.93	125.63	125.83	0.14	ppb
Barium	135-1	441.40	447.56	448.57	445.84	0.87	ppb
Barium	137-1	487.71	484.61	481.04	484.45	0.69	ppb
Beryllium	9-1	1.54	1.67	1.61	1.61	4.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.59	2.35	2.17	2.37	9.00	ppb
Cadmium	106-1	4.14	3.57	3.51	3.74	9.38	ppb
Cadmium	111-1	1.36	1.30	1.19	1.29	6.61	ppb
Calcium	43-1	34377.09	34696.95	35264.81	34779.62	1.29	ppb
Calcium	44-1	32428.49	33102.94	33346.44	32959.29	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.91	102.14	103.09	102.71	0.49	ppb
Cobalt	59-2	50.33	49.90	50.04	50.09	0.44	ppb
Copper	63-2	198.35	198.21	197.66	198.07	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				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	103121.85	102218.56	102416.21	102585.54	0.46	ppb
Iron	57-2	102853.28	101271.31	101902.36	102008.98	0.78	ppb
Iron	54-2	102512.06	102273.77	103315.63	102700.49	0.53	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-05	Instrumnet Name :	P7
Client Sample ID :	MYE4R3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:34:04	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.60	46.22	45.66	45.49	1.80	ppb
Lead	207-1	44.05	45.83	44.93	44.94	1.98	ppb
Lead	208-1	43.97	45.59	44.95	44.84	1.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	23195.00	22873.31	22751.89	22940.07	1.00	ppb
Manganese	55-2	2242.40	2250.34	2238.33	2243.69	0.27	ppb
Molybdenum	94-1	25.12	25.47	25.58	25.39	0.94	ppb
Molybdenum	95-1	1.54	1.57	1.57	1.56	1.32	ppb
Molybdenum	96-1	4.72	4.76	4.73	4.74	0.44	ppb
Molybdenum	97-1	1.52	1.53	1.60	1.55	2.86	ppb
Molybdenum	98-1	1.48	1.53	1.53	1.52	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.68	106.49	107.58	107.25	0.62	ppb
Phosphorus	31-2	2239.57	2245.46	2256.25	2247.10	0.38	ppb
Potassium	39-2	6996.90	6860.22	6931.36	6929.49	0.99	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				118		%
Scandium	45-2				120		%
Selenium	82-1	0.96	1.30	0.81	1.02	24.14	ppb
Selenium	77-2	18.10	15.27	16.45	16.61	8.56	ppb
Selenium	78-2	4.40	4.23	5.29	4.64	12.25	ppb
Silicon	28-1	419.49	427.27	435.15	427.31	1.83	ppb
Silver	107-1	0.33	0.34	0.34	0.34	3.13	ppb
Silver	109-1	0.33	0.33	0.32	0.33	2.30	ppb
Sodium	23-2	395.30	393.85	391.40	393.52	0.50	ppb
Strontium	86-1	153.52	153.57	154.87	153.99	0.50	ppb
Strontium	88-1	156.85	157.02	159.12	157.66	0.80	ppb
Sulfur	34-1	-733.25	-787.69	-801.54	-774.16		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.32	0.33	0.35	0.33	4.37	ppb
Thallium	205-1	0.33	0.35	0.34	0.34	3.01	ppb
Tin	118-1	2.26	2.26	2.27	2.26	0.22	ppb
Titanium	47-1	940.45	944.98	963.09	949.51	1.26	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-05	Instrumnet Name :	P7
Client Sample ID :	MYE4R3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:34:04	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.22	1.23	1.21	1.71	ppb
Vanadium	51-2	189.56	188.43	188.02	188.67	0.42	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	218.31	219.71	220.63	219.55	0.53	ppb
Zirconium	90-1	14.18	14.44	14.35	14.32	0.91	ppb
Zirconium	91-1	14.26	14.64	14.51	14.47	1.32	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-06	Instrumnet Name :	P7
Client Sample ID :	MYE4R4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:37:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41618.45	41505.82	41749.99	41624.75	0.29	ppb
Antimony	121-1	4.30	4.38	4.54	4.40	2.75	ppb
Arsenic	75-2	113.33	114.05	115.00	114.13	0.73	ppb
Barium	135-1	442.04	450.33	453.17	448.51	1.29	ppb
Barium	137-1	477.45	491.64	495.52	488.20	1.95	ppb
Beryllium	9-1	1.62	1.60	1.56	1.59	1.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.38	1.16	1.56	1.37	14.68	ppb
Cadmium	106-1	1.47	1.73	1.63	1.61	8.40	ppb
Cadmium	111-1	0.40	0.44	0.44	0.43	5.16	ppb
Calcium	43-1	8674.84	8572.04	8651.37	8632.75	0.62	ppb
Calcium	44-1	8121.58	8114.37	8268.14	8168.03	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.06	94.24	94.56	94.62	0.44	ppb
Cobalt	59-2	47.60	47.01	47.11	47.24	0.67	ppb
Copper	63-2	124.41	123.28	123.63	123.78	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				111		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	96587.57	95950.98	95770.21	96102.92	0.45	ppb
Iron	57-2	95730.48	95061.56	94368.01	95053.35	0.72	ppb
Iron	54-2	96969.40	95743.49	96424.94	96379.28	0.64	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-06	Instrumnet Name :	P7
Client Sample ID :	MYE4R4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:37:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.09	22.78	23.00	22.62	2.10	ppb
Lead	207-1	21.04	21.65	21.51	21.40	1.49	ppb
Lead	208-1	21.39	22.02	22.09	21.83	1.75	ppb
Lithium	6-1				97		%
Magnesium	24-2	18760.93	18672.99	18512.17	18648.69	0.68	ppb
Manganese	55-2	2137.01	2091.33	2108.93	2112.43	1.09	ppb
Molybdenum	94-1	15.18	15.75	16.12	15.68	3.00	ppb
Molybdenum	95-1	1.03	1.10	1.09	1.07	3.51	ppb
Molybdenum	96-1	3.26	3.35	3.37	3.33	1.80	ppb
Molybdenum	97-1	1.07	1.14	1.07	1.09	3.80	ppb
Molybdenum	98-1	1.04	1.06	1.07	1.05	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.10	84.70	85.46	85.09	0.45	ppb
Phosphorus	31-2	1760.55	1780.14	1766.95	1769.21	0.56	ppb
Potassium	39-2	6731.51	6633.47	6642.58	6669.19	0.81	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				120		%
Scandium	45-2				122		%
Selenium	82-1	0.98	0.58	0.79	0.79	25.56	ppb
Selenium	77-2	17.31	19.27	20.82	19.13	9.20	ppb
Selenium	78-2	3.54	3.98	5.60	4.37	24.70	ppb
Silicon	28-1	412.01	414.79	421.47	416.09	1.17	ppb
Silver	107-1	0.13	0.13	0.14	0.13	3.39	ppb
Silver	109-1	0.12	0.13	0.13	0.13	4.22	ppb
Sodium	23-2	145.46	143.34	143.16	143.99	0.89	ppb
Strontium	86-1	67.69	68.34	69.54	68.53	1.37	ppb
Strontium	88-1	69.89	69.99	71.97	70.62	1.66	ppb
Sulfur	34-1	-1207.55	-1328.40	-1287.02	-1274.32		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.29	0.29	0.30	0.29	2.26	ppb
Thallium	205-1	0.29	0.30	0.30	0.30	2.24	ppb
Tin	118-1	1.94	2.00	2.07	2.00	3.30	ppb
Titanium	47-1	692.98	691.18	708.99	697.72	1.40	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-06	Instrumnet Name :	P7
Client Sample ID :	MYE4R4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:37:10	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.05	1.09	1.06	2.46	ppb
Vanadium	51-2	168.95	167.86	167.98	168.26	0.35	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	174.37	174.05	175.95	174.79	0.58	ppb
Zirconium	90-1	8.66	8.76	8.93	8.78	1.54	ppb
Zirconium	91-1	8.66	9.00	9.08	8.91	2.46	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-07	Instrumnet Name :	P7
Client Sample ID :	MYE4R5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:40:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32013.50	32152.54	32167.42	32111.15	0.26	ppb
Antimony	121-1	3.59	3.69	3.61	3.63	1.39	ppb
Arsenic	75-2	136.51	136.89	136.28	136.56	0.22	ppb
Barium	135-1	589.82	594.94	598.49	594.42	0.73	ppb
Barium	137-1	592.51	604.81	602.34	599.89	1.08	ppb
Beryllium	9-1	1.56	1.46	1.48	1.50	3.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.97	2.19	2.00	2.05	5.65	ppb
Cadmium	106-1	3.03	2.42	3.51	2.99	18.25	ppb
Cadmium	111-1	1.27	1.18	1.34	1.26	6.46	ppb
Calcium	43-1	7024.63	7008.07	7098.93	7043.88	0.69	ppb
Calcium	44-1	6724.09	6594.33	6767.35	6695.26	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.02	80.32	80.04	80.12	0.21	ppb
Cobalt	59-2	54.54	54.76	54.57	54.63	0.22	ppb
Copper	63-2	197.61	197.47	197.72	197.60	0.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	93379.17	93273.10	93718.81	93457.03	0.25	ppb
Iron	57-2	91879.37	92045.41	91813.51	91912.76	0.13	ppb
Iron	54-2	93813.31	93169.54	93109.41	93364.09	0.42	ppb
Krypton	83-1						cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-07	Instrumnet Name :	P7
Client Sample ID :	MYE4R5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:40:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.16	51.12	51.38	50.89	1.27	ppb
Lead	207-1	48.73	49.67	50.33	49.58	1.63	ppb
Lead	208-1	49.17	49.88	50.39	49.82	1.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	16847.93	16714.69	16718.30	16760.30	0.45	ppb
Manganese	55-2	4401.58	4423.72	4437.60	4420.96	0.41	ppb
Molybdenum	94-1	20.76	21.48	21.45	21.23	1.93	ppb
Molybdenum	95-1	1.14	1.12	1.15	1.14	1.38	ppb
Molybdenum	96-1	3.93	3.97	4.05	3.98	1.46	ppb
Molybdenum	97-1	1.12	1.11	1.13	1.12	1.02	ppb
Molybdenum	98-1	1.08	1.11	1.06	1.08	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.21	94.07	93.90	94.06	0.17	ppb
Phosphorus	31-2	1670.71	1718.51	1712.54	1700.59	1.53	ppb
Potassium	39-2	6531.85	6586.12	6602.94	6573.64	0.57	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	82-1	0.63	0.89	0.79	0.77	16.71	ppb
Selenium	77-2	18.36	16.05	16.47	16.96	7.24	ppb
Selenium	78-2	4.39	5.62	5.38	5.13	12.73	ppb
Silicon	28-1	655.58	653.29	666.23	658.36	1.05	ppb
Silver	107-1	0.37	0.37	0.38	0.38	2.26	ppb
Silver	109-1	0.37	0.41	0.37	0.38	5.67	ppb
Sodium	23-2	152.53	152.00	152.20	152.25	0.18	ppb
Strontium	86-1	65.43	66.33	66.96	66.24	1.16	ppb
Strontium	88-1	66.73	67.25	67.80	67.26	0.79	ppb
Sulfur	34-1	-1214.65	-1318.73	-1282.57	-1271.99		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.43	0.46	0.48	0.46	5.25	ppb
Thallium	205-1	0.45	0.46	0.47	0.46	1.96	ppb
Tin	118-1	2.19	2.21	2.17	2.19	0.73	ppb
Titanium	47-1	839.98	835.41	848.97	841.45	0.82	ppb

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-07	Instrumnet Name :	P7
Client Sample ID :	MYE4R5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:40:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.10	1.10	1.09	0.98	ppb
Vanadium	51-2	181.95	180.99	181.01	181.32	0.30	ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	224.79	225.82	223.11	224.57	0.61	ppb
Zirconium	90-1	11.85	12.54	12.22	12.20	2.83	ppb
Zirconium	91-1	11.97	12.01	12.16	12.05	0.80	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-08	Instrumnet Name :	P7
Client Sample ID :	MYE4R6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:43:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39251.27	39291.63	39024.02	39188.97	0.37	ppb
Antimony	121-1	3.22	3.22	3.28	3.24	1.04	ppb
Arsenic	75-2	144.43	143.87	144.98	144.43	0.38	ppb
Barium	135-1	662.16	672.38	689.67	674.73	2.06	ppb
Barium	137-1	652.83	669.15	686.62	669.53	2.52	ppb
Beryllium	9-1	1.76	1.87	1.81	1.81	3.10	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.63	2.81	2.50	2.65	6.04	ppb
Cadmium	106-1	4.09	2.64	3.53	3.42	21.35	ppb
Cadmium	111-1	1.59	1.46	1.61	1.55	5.04	ppb
Calcium	43-1	8709.63	9052.46	9077.27	8946.45	2.30	ppb
Calcium	44-1	8300.33	8730.47	8573.97	8534.92	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.43	99.57	98.72	99.24	0.46	ppb
Cobalt	59-2	54.51	54.21	54.00	54.24	0.47	ppb
Copper	63-2	227.33	227.15	225.87	226.78	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	111611.24	110775.73	110673.98	111020.31	0.46	ppb
Iron	57-2	109718.26	109249.76	109540.93	109502.98	0.22	ppb
Iron	54-2	111184.71	111334.55	110530.79	111016.68	0.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-08	Instrumnet Name :	P7
Client Sample ID :	MYE4R6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:43:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	62.23	62.77	64.21	63.07	1.62	ppb
Lead	207-1	61.64	61.87	62.60	62.04	0.81	ppb
Lead	208-1	61.59	61.80	62.81	62.07	1.05	ppb
Lithium	6-1				97		%
Magnesium	24-2	19310.35	19283.05	19122.27	19238.56	0.53	ppb
Manganese	55-2	3439.10	3428.17	3434.39	3433.88	0.16	ppb
Molybdenum	94-1	22.82	23.77	24.24	23.61	3.06	ppb
Molybdenum	95-1	1.38	1.44	1.49	1.44	3.67	ppb
Molybdenum	96-1	4.41	4.54	4.74	4.56	3.56	ppb
Molybdenum	97-1	1.37	1.44	1.48	1.43	3.84	ppb
Molybdenum	98-1	1.31	1.40	1.46	1.39	5.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.84	106.79	106.00	106.54	0.45	ppb
Phosphorus	31-2	2111.79	2107.00	2094.34	2104.38	0.43	ppb
Potassium	39-2	8006.90	8085.94	8023.62	8038.82	0.52	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				117		%
Scandium	45-2				120		%
Selenium	82-1	0.71	1.11	1.73	1.18	43.46	ppb
Selenium	77-2	15.22	21.38	20.18	18.93	17.27	ppb
Selenium	78-2	5.73	5.74	4.43	5.30	14.22	ppb
Silicon	28-1	561.42	552.10	558.10	557.21	0.85	ppb
Silver	107-1	0.41	0.39	0.42	0.41	4.37	ppb
Silver	109-1	0.39	0.37	0.42	0.39	6.39	ppb
Sodium	23-2	171.39	174.17	173.87	173.14	0.88	ppb
Strontium	86-1	79.44	83.60	84.74	82.59	3.38	ppb
Strontium	88-1	81.47	85.98	85.85	84.43	3.04	ppb
Sulfur	34-1	-982.51	-939.31	-993.62	-971.81		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.46	0.46	0.51	0.48	5.33	ppb
Thallium	205-1	0.47	0.49	0.48	0.48	1.27	ppb
Tin	118-1	2.26	2.27	2.32	2.28	1.27	ppb
Titanium	47-1	927.98	958.08	953.75	946.60	1.72	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-08	Instrumnet Name :	P7
Client Sample ID :	MYE4R6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:43:23	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.23	1.25	1.24	0.65	ppb
Vanadium	51-2	214.24	215.57	213.34	214.39	0.52	ppb
Yttrium	89-1				118		%
Yttrium	89-2				116		%
Zinc	66-2	268.25	268.40	268.36	268.34	0.03	ppb
Zirconium	90-1	12.89	13.48	13.75	13.37	3.29	ppb
Zirconium	91-1	13.03	13.46	13.71	13.40	2.58	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-09	Instrumnet Name :	P7
Client Sample ID :	MYE4R7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:46:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40731.99	40461.71	40575.51	40589.73	0.33	ppb
Antimony	121-1	3.63	3.67	3.96	3.75	4.75	ppb
Arsenic	75-2	160.71	158.87	160.98	160.19	0.72	ppb
Barium	135-1	667.37	671.14	723.80	687.44	4.59	ppb
Barium	137-1	671.36	688.63	731.99	697.33	4.48	ppb
Beryllium	9-1	1.69	1.74	2.03	1.82	10.08	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.28	3.44	3.29	3.34	2.70	ppb
Cadmium	106-1	4.20	4.47	3.77	4.14	8.44	ppb
Cadmium	111-1	2.03	2.10	2.10	2.08	1.82	ppb
Calcium	43-1	11116.92	11118.60	11960.95	11398.82	4.27	ppb
Calcium	44-1	10413.23	10381.59	11255.97	10683.60	4.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.00	97.04	97.31	97.12	0.17	ppb
Cobalt	59-2	63.02	63.23	62.56	62.93	0.55	ppb
Copper	63-2	265.37	266.24	265.30	265.64	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	114583.18	113812.97	113805.01	114067.05	0.39	ppb
Iron	57-2	112089.15	113661.58	111716.11	112488.94	0.92	ppb
Iron	54-2	113843.30	114756.80	112995.00	113865.04	0.77	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-09	Instrumnet Name :	P7
Client Sample ID :	MYE4R7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:46:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.45	73.10	79.28	75.27	4.61	ppb
Lead	207-1	72.19	72.54	77.08	73.94	3.69	ppb
Lead	208-1	72.48	72.45	77.55	74.16	3.96	ppb
Lithium	6-1				96		%
Magnesium	24-2	21277.12	20885.13	20913.09	21025.11	1.04	ppb
Manganese	55-2	2657.99	2637.66	2630.29	2641.98	0.54	ppb
Molybdenum	94-1	22.74	23.32	25.01	23.69	4.98	ppb
Molybdenum	95-1	1.26	1.28	1.39	1.31	5.28	ppb
Molybdenum	96-1	4.37	4.34	4.80	4.50	5.75	ppb
Molybdenum	97-1	1.33	1.26	1.34	1.31	3.29	ppb
Molybdenum	98-1	1.18	1.22	1.30	1.24	5.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.83	118.85	118.53	118.74	0.15	ppb
Phosphorus	31-2	3202.04	3193.55	3187.10	3194.23	0.23	ppb
Potassium	39-2	7575.77	7565.63	7521.80	7554.40	0.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				119		%
Selenium	82-1	1.41	0.44	0.97	0.94	51.83	ppb
Selenium	77-2	21.67	23.11	23.10	22.62	3.67	ppb
Selenium	78-2	4.06	4.61	5.05	4.57	10.85	ppb
Silicon	28-1	650.91	645.06	690.04	662.00	3.69	ppb
Silver	107-1	0.53	0.50	0.57	0.53	6.92	ppb
Silver	109-1	0.51	0.51	0.57	0.53	6.20	ppb
Sodium	23-2	152.44	152.46	152.50	152.47	0.02	ppb
Strontium	86-1	107.82	108.87	117.72	111.47	4.88	ppb
Strontium	88-1	110.55	110.58	121.06	114.06	5.31	ppb
Sulfur	34-1	-1058.31	-1174.27	-996.11	-1076.23		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.53	0.53	0.57	0.54	4.31	ppb
Thallium	205-1	0.51	0.52	0.56	0.53	4.80	ppb
Tin	118-1	2.29	2.37	2.49	2.38	4.16	ppb
Titanium	47-1	871.41	872.34	923.65	889.13	3.36	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-09	Instrumnet Name :	P7
Client Sample ID :	MYE4R7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:46:26	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.26	1.33	1.28	3.13	ppb
Vanadium	51-2	215.87	216.04	215.44	215.78	0.14	ppb
Yttrium	89-1				116		%
Yttrium	89-2				117		%
Zinc	66-2	266.18	262.80	265.64	264.87	0.69	ppb
Zirconium	90-1	12.99	13.21	14.28	13.50	5.11	ppb
Zirconium	91-1	13.04	13.29	14.31	13.55	4.95	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-10	Instrumnet Name :	P7
Client Sample ID :	MYE4R8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:49:32	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35943.41	35966.98	36091.38	36000.59	0.22	ppb
Antimony	121-1	4.28	4.27	4.42	4.32	1.94	ppb
Arsenic	75-2	167.14	167.00	165.89	166.67	0.41	ppb
Barium	135-1	498.33	498.28	511.49	502.70	1.51	ppb
Barium	137-1	544.87	539.60	558.56	547.68	1.79	ppb
Beryllium	9-1	1.46	1.54	1.54	1.51	3.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.27	3.23	3.27	3.26	0.63	ppb
Cadmium	106-1	3.82	4.76	3.86	4.15	12.83	ppb
Cadmium	111-1	1.81	2.07	1.96	1.95	6.47	ppb
Calcium	43-1	8325.25	8533.90	8566.88	8475.34	1.55	ppb
Calcium	44-1	7837.91	7987.55	8043.89	7956.45	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158.05	157.05	156.83	157.31	0.41	ppb
Cobalt	59-2	58.48	57.84	58.05	58.13	0.56	ppb
Copper	63-2	270.71	270.10	268.44	269.75	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	108305.18	109231.11	108241.87	108592.72	0.51	ppb
Iron	57-2	107977.97	107730.89	106249.26	107319.37	0.87	ppb
Iron	54-2	108963.86	108846.61	107794.63	108535.04	0.59	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-10	Instrumnet Name :	P7
Client Sample ID :	MYE4R8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:49:32	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.80	72.04	71.57	72.14	0.86	ppb
Lead	207-1	71.80	71.57	72.24	71.87	0.47	ppb
Lead	208-1	71.77	71.18	71.24	71.40	0.46	ppb
Lithium	6-1				97		%
Magnesium	24-2	19811.60	19794.69	19966.33	19857.54	0.48	ppb
Manganese	55-2	2483.94	2460.82	2493.33	2479.36	0.67	ppb
Molybdenum	94-1	25.88	26.39	26.35	26.20	1.08	ppb
Molybdenum	95-1	1.83	1.79	1.78	1.80	1.47	ppb
Molybdenum	96-1	5.16	5.25	5.27	5.23	1.07	ppb
Molybdenum	97-1	1.80	1.86	1.84	1.83	1.67	ppb
Molybdenum	98-1	1.79	1.76	1.81	1.79	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	182.79	180.80	181.02	181.54	0.60	ppb
Phosphorus	31-2	2035.89	2090.75	2059.44	2062.03	1.33	ppb
Potassium	39-2	6850.74	6884.13	6874.07	6869.65	0.25	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	82-1	1.29	1.81	0.99	1.37	30.47	ppb
Selenium	77-2	19.88	18.54	21.22	19.88	6.73	ppb
Selenium	78-2	5.08	3.91	3.22	4.07	23.12	ppb
Silicon	28-1	559.11	569.33	569.30	565.91	1.04	ppb
Silver	107-1	0.49	0.48	0.53	0.50	4.69	ppb
Silver	109-1	0.50	0.47	0.49	0.48	2.96	ppb
Sodium	23-2	158.94	157.81	158.96	158.57	0.41	ppb
Strontium	86-1	80.36	82.32	82.84	81.84	1.60	ppb
Strontium	88-1	83.02	83.96	84.46	83.81	0.88	ppb
Sulfur	34-1	-1044.21	-1033.49	-1008.12	-1028.61		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.61	0.60	0.63	0.61	2.94	ppb
Thallium	205-1	0.61	0.61	0.60	0.61	1.21	ppb
Tin	118-1	2.81	2.90	2.85	2.85	1.54	ppb
Titanium	47-1	884.49	884.03	913.29	893.94	1.87	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-10	Instrumnet Name :	P7
Client Sample ID :	MYE4R8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:49:32	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.18	1.21	1.20	1.39	ppb
Vanadium	51-2	213.90	214.47	213.49	213.95	0.23	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	300.29	298.55	300.35	299.73	0.34	ppb
Zirconium	90-1	14.53	14.74	14.95	14.74	1.44	ppb
Zirconium	91-1	14.78	14.81	14.95	14.85	0.60	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-11	Instrumnet Name :	P7
Client Sample ID :	MYE4S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:52:36	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48263.41	41137.40	40888.30	43429.71	9.64	ppb
Antimony	121-1	2.80	2.86	2.77	2.81	1.62	ppb
Arsenic	75-2	172.72	145.10	145.35	154.39	10.28	ppb
Barium	135-1	540.35	539.71	585.03	555.03	4.68	ppb
Barium	137-1	588.97	595.47	593.60	592.68	0.57	ppb
Beryllium	9-1	1.59	1.64	1.71	1.65	3.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.19	3.79	3.49	3.82	9.17	ppb
Cadmium	106-1	6.05	5.78	5.34	5.73	6.27	ppb
Cadmium	111-1	2.60	2.68	2.48	2.59	3.99	ppb
Calcium	43-1	10851.69	10811.93	11043.69	10902.44	1.14	ppb
Calcium	44-1	10299.77	10250.21	10417.88	10322.62	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.36	97.72	97.06	102.71	8.98	ppb
Cobalt	59-2	66.29	57.07	56.14	59.83	9.38	ppb
Copper	63-2	378.55	323.47	321.24	341.09	9.52	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				109		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	120930.20	103892.25	102981.57	109268.01	9.25	ppb
Iron	57-2	119859.62	104032.51	102876.43	108922.85	8.71	ppb
Iron	54-2	121053.11	104374.94	103117.25	109515.10	9.14	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-11	Instrumnet Name :	P7
Client Sample ID :	MYE4S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:52:36	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	84.60	84.44	85.87	84.97	0.92	ppb
Lead	207-1	83.27	84.07	86.43	84.59	1.94	ppb
Lead	208-1	83.51	83.20	85.38	84.03	1.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	26914.58	22860.65	22616.02	24130.42	10.01	ppb
Manganese	55-2	3280.08	2810.74	2809.23	2966.68	9.15	ppb
Molybdenum	94-1	30.69	30.43	31.21	30.78	1.30	ppb
Molybdenum	95-1	1.20	1.16	1.18	1.18	1.66	ppb
Molybdenum	96-1	4.90	4.98	5.23	5.04	3.43	ppb
Molybdenum	97-1	1.11	1.10	1.19	1.13	4.33	ppb
Molybdenum	98-1	1.08	1.10	1.13	1.11	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.91	129.42	128.85	136.39	9.22	ppb
Phosphorus	31-2	3239.22	2769.09	2788.00	2932.10	9.08	ppb
Potassium	39-2	8118.12	7058.14	6978.94	7385.07	8.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	1.36	0.83	1.29	1.16	24.46	ppb
Selenium	77-2	25.00	22.22	17.41	21.54	17.81	ppb
Selenium	78-2	6.53	3.52	6.02	5.36	30.06	ppb
Silicon	28-1	798.06	791.95	812.91	800.97	1.35	ppb
Silver	107-1	0.63	0.64	0.64	0.64	1.06	ppb
Silver	109-1	0.63	0.63	0.66	0.64	3.08	ppb
Sodium	23-2	190.00	158.72	158.73	169.15	10.68	ppb
Strontium	86-1	103.06	102.66	104.86	103.53	1.13	ppb
Strontium	88-1	104.36	104.37	106.77	105.17	1.32	ppb
Sulfur	34-1	-945.98	-1060.43	-948.64	-985.02		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.60	0.67	0.66	0.65	5.70	ppb
Thallium	205-1	0.64	0.63	0.65	0.64	1.40	ppb
Tin	118-1	2.94	3.03	2.98	2.98	1.54	ppb
Titanium	47-1	931.02	936.02	953.94	940.33	1.28	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-11	Instrumnet Name :	P7
Client Sample ID :	MYE4S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:52:36	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.17	1.21	1.18	1.81	ppb
Vanadium	51-2	238.53	203.41	204.13	215.36	9.32	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	507.11	433.77	433.18	458.02	9.28	ppb
Zirconium	90-1	17.59	17.92	18.14	17.88	1.56	ppb
Zirconium	91-1	17.87	17.91	18.51	18.10	1.99	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-12	Instrumnet Name :	P7
Client Sample ID :	MYE4S1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:55:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42999.53	42206.88	42815.96	42674.12	0.97	ppb
Antimony	121-1	5.23	5.42	5.61	5.42	3.45	ppb
Arsenic	75-2	185.37	187.55	192.21	188.38	1.86	ppb
Barium	135-1	581.11	607.89	615.42	601.47	3.00	ppb
Barium	137-1	595.85	608.33	619.58	607.92	1.95	ppb
Beryllium	9-1	1.85	2.04	1.81	1.90	6.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.52	3.41	3.70	3.54	4.14	ppb
Cadmium	106-1	5.31	4.85	4.46	4.87	8.81	ppb
Cadmium	111-1	2.33	2.29	2.39	2.33	2.15	ppb
Calcium	43-1	9602.54	9785.80	10011.26	9799.87	2.09	ppb
Calcium	44-1	9100.98	9237.45	9359.57	9232.67	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.88	120.50	121.51	121.30	0.59	ppb
Cobalt	59-2	60.76	59.78	60.81	60.45	0.96	ppb
Copper	63-2	321.17	318.53	322.92	320.88	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				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	131118.03	128826.43	129676.17	129873.55	0.89	ppb
Iron	57-2	129570.46	127682.90	129393.51	128882.29	0.81	ppb
Iron	54-2	130505.82	127021.47	130256.35	129261.22	1.50	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-12	Instrumnet Name :	P7
Client Sample ID :	MYE4S1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:55:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	84.92	88.06	88.63	87.20	2.29	ppb
Lead	207-1	84.51	87.61	88.03	86.71	2.22	ppb
Lead	208-1	84.37	94.41	87.70	88.83	5.76	ppb
Lithium	6-1				95		%
Magnesium	24-2	22894.36	22465.41	22809.47	22723.08	1.00	ppb
Manganese	55-2	2609.97	2558.91	2592.49	2587.12	1.00	ppb
Molybdenum	94-1	24.68	25.37	25.76	25.27	2.18	ppb
Molybdenum	95-1	1.53	1.51	1.52	1.52	0.92	ppb
Molybdenum	96-1	4.76	4.98	5.09	4.94	3.40	ppb
Molybdenum	97-1	1.48	1.44	1.52	1.48	2.84	ppb
Molybdenum	98-1	1.42	1.48	1.43	1.44	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.72	121.30	123.55	122.52	0.93	ppb
Phosphorus	31-2	2394.80	2302.21	2352.50	2349.84	1.97	ppb
Potassium	39-2	8111.15	8012.63	8112.73	8078.84	0.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	1.20	1.32	1.58	1.37	14.26	ppb
Selenium	77-2	20.12	25.93	20.18	22.08	15.12	ppb
Selenium	78-2	5.63	6.19	6.28	6.03	5.83	ppb
Silicon	28-1	366.34	371.27	376.55	371.39	1.38	ppb
Silver	107-1	0.57	0.59	0.61	0.59	3.81	ppb
Silver	109-1	0.53	0.58	0.57	0.56	4.73	ppb
Sodium	23-2	148.52	147.47	150.75	148.91	1.12	ppb
Strontium	86-1	90.81	93.09	95.14	93.01	2.33	ppb
Strontium	88-1	93.04	95.19	97.05	95.09	2.11	ppb
Sulfur	34-1	-1011.85	-1019.61	-971.08	-1000.85		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.47	0.48	0.46	0.47	1.38	ppb
Thallium	205-1	0.46	0.47	0.48	0.47	1.43	ppb
Tin	118-1	2.75	2.99	2.89	2.88	4.16	ppb
Titanium	47-1	889.60	898.84	914.87	901.10	1.42	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-12	Instrumnet Name :	P7
Client Sample ID :	MYE4S1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:55:42	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.29	1.28	1.27	2.06	ppb
Vanadium	51-2	264.61	260.17	264.97	263.25	1.02	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	324.60	323.04	328.95	325.53	0.94	ppb
Zirconium	90-1	13.80	14.41	14.55	14.26	2.80	ppb
Zirconium	91-1	13.73	14.48	14.81	14.34	3.86	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-13	Instrumnet Name :	P7
Client Sample ID :	MYE4S2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:58:46	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37454.78	37854.01	39010.76	38106.52	2.12	ppb
Antimony	121-1	3.65	3.79	3.87	3.77	2.93	ppb
Arsenic	75-2	320.44	323.69	333.56	325.90	2.10	ppb
Barium	135-1	477.09	492.88	495.27	488.42	2.02	ppb
Barium	137-1	517.86	538.74	543.32	533.30	2.54	ppb
Beryllium	9-1	1.77	1.74	1.72	1.74	1.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.23	3.63	3.52	3.46	5.98	ppb
Cadmium	106-1	3.28	3.53	3.58	3.47	4.63	ppb
Cadmium	111-1	2.73	2.70	2.81	2.74	2.14	ppb
Calcium	43-1	9647.81	9882.00	9923.68	9817.83	1.51	ppb
Calcium	44-1	9139.53	9393.01	9320.66	9284.40	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.64	94.15	97.17	95.32	1.70	ppb
Cobalt	59-2	49.55	48.93	50.18	49.55	1.27	ppb
Copper	63-2	293.79	291.11	300.77	295.22	1.69	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				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	112030.33	111735.84	113808.92	112525.03	1.00	ppb
Iron	57-2	110007.43	109133.69	112152.82	110431.31	1.41	ppb
Iron	54-2	112331.76	111468.65	114393.73	112731.38	1.33	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-13	Instrumnet Name :	P7
Client Sample ID :	MYE4S2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:58:46	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.73	83.58	83.41	83.57	0.19	ppb
Lead	207-1	82.41	83.36	83.46	83.07	0.70	ppb
Lead	208-1	82.24	83.20	82.69	82.71	0.58	ppb
Lithium	6-1				94		%
Magnesium	24-2	19435.50	19343.41	19981.65	19586.85	1.76	ppb
Manganese	55-2	2344.87	2321.90	2385.21	2350.66	1.36	ppb
Molybdenum	94-1	16.86	17.17	17.51	17.18	1.89	ppb
Molybdenum	95-1	1.36	1.34	1.39	1.36	1.94	ppb
Molybdenum	96-1	3.82	3.85	3.89	3.85	0.91	ppb
Molybdenum	97-1	1.38	1.29	1.33	1.33	3.15	ppb
Molybdenum	98-1	1.31	1.30	1.32	1.31	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.98	107.23	111.17	109.13	1.81	ppb
Phosphorus	31-2	2616.67	2587.15	2670.10	2624.64	1.60	ppb
Potassium	39-2	8143.69	7951.37	8193.81	8096.29	1.58	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	1.11	1.23	1.29	1.21	7.54	ppb
Selenium	77-2	18.27	19.34	20.06	19.23	4.68	ppb
Selenium	78-2	6.39	4.78	4.27	5.15	21.49	ppb
Silicon	28-1	566.12	579.59	574.25	573.32	1.18	ppb
Silver	107-1	0.58	0.58	0.62	0.59	3.80	ppb
Silver	109-1	0.57	0.58	0.60	0.58	2.30	ppb
Sodium	23-2	151.29	148.15	154.84	151.43	2.21	ppb
Strontium	86-1	84.09	84.92	85.80	84.94	1.00	ppb
Strontium	88-1	86.98	86.41	87.11	86.83	0.42	ppb
Sulfur	34-1	-900.67	-942.68	-966.56	-936.64		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.41	0.42	0.41	0.41	2.23	ppb
Thallium	205-1	0.42	0.43	0.44	0.43	1.37	ppb
Tin	118-1	2.40	2.49	2.56	2.48	3.14	ppb
Titanium	47-1	808.57	827.40	832.13	822.70	1.51	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-13	Instrumnet Name :	P7
Client Sample ID :	MYE4S2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:58:46	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.11	1.13	1.11	1.12	1.20	ppb
Vanadium	51-2	204.62	204.20	209.79	206.20	1.51	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	342.96	341.55	352.91	345.81	1.79	ppb
Zirconium	90-1	9.45	9.59	9.70	9.58	1.30	ppb
Zirconium	91-1	9.48	9.58	9.83	9.63	1.89	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-14	Instrumnet Name :	P7
Client Sample ID :	MYE4S3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:01:53	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43216.11	36311.40	37687.46	39071.66	9.35	ppb
Antimony	121-1	3.93	3.84	3.89	3.89	1.16	ppb
Arsenic	75-2	264.71	226.67	234.76	242.05	8.28	ppb
Barium	135-1	525.72	526.33	534.15	528.73	0.89	ppb
Barium	137-1	572.16	575.69	581.91	576.58	0.86	ppb
Beryllium	9-1	1.65	1.73	1.76	1.71	3.15	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.58	3.40	3.00	3.33	8.95	ppb
Cadmium	106-1	4.66	4.09	3.89	4.22	9.40	ppb
Cadmium	111-1	2.40	2.27	2.41	2.36	3.33	ppb
Calcium	43-1	8378.99	8424.23	8476.96	8426.73	0.58	ppb
Calcium	44-1	7878.80	7884.74	8011.47	7925.00	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116.97	98.76	103.14	106.29	8.94	ppb
Cobalt	59-2	65.75	55.43	57.48	59.55	9.17	ppb
Copper	63-2	379.44	324.36	334.59	346.13	8.46	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				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	131453.00	109989.88	115822.74	119088.54	9.32	ppb
Iron	57-2	128892.51	109653.96	112719.30	117088.59	8.83	ppb
Iron	54-2	130282.46	111017.45	115367.40	118889.10	8.50	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-14	Instrumnet Name :	P7
Client Sample ID :	MYE4S3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:01:53	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	88.29	86.77	87.92	87.66	0.91	ppb
Lead	207-1	86.56	87.99	88.03	87.53	0.96	ppb
Lead	208-1	86.69	86.82	94.79	89.43	5.19	ppb
Lithium	6-1				92		%
Magnesium	24-2	24292.29	20260.15	21224.64	21925.69	9.60	ppb
Manganese	55-2	3000.59	2550.92	2679.41	2743.64	8.44	ppb
Molybdenum	94-1	24.53	24.57	24.92	24.67	0.86	ppb
Molybdenum	95-1	1.45	1.40	1.43	1.42	1.65	ppb
Molybdenum	96-1	4.73	4.67	4.77	4.72	1.12	ppb
Molybdenum	97-1	1.43	1.46	1.37	1.42	3.12	ppb
Molybdenum	98-1	1.35	1.38	1.37	1.37	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.88	119.41	123.43	127.91	8.92	ppb
Phosphorus	31-2	2518.74	2115.29	2149.06	2261.03	9.90	ppb
Potassium	39-2	8147.36	6852.69	7203.42	7401.16	9.05	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	1.23	1.25	0.95	1.14	14.54	ppb
Selenium	77-2	22.27	19.00	22.97	21.41	9.88	ppb
Selenium	78-2	6.63	5.15	5.26	5.68	14.55	ppb
Silicon	28-1	619.17	628.39	641.05	629.54	1.74	ppb
Silver	107-1	0.64	0.61	0.65	0.63	3.20	ppb
Silver	109-1	0.64	0.64	0.61	0.63	2.44	ppb
Sodium	23-2	170.65	139.24	146.95	152.28	10.75	ppb
Strontium	86-1	78.63	79.24	79.72	79.20	0.69	ppb
Strontium	88-1	80.68	80.32	83.12	81.38	1.87	ppb
Sulfur	34-1	-1049.51	-1067.54	-1114.89	-1077.32		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.48	0.46	0.47	0.47	2.67	ppb
Thallium	205-1	0.48	0.47	0.48	0.48	0.98	ppb
Tin	118-1	2.51	2.58	2.58	2.56	1.71	ppb
Titanium	47-1	904.99	916.21	944.13	921.77	2.19	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-14	Instrumnet Name :	P7
Client Sample ID :	MYE4S3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:01:53	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.22	1.26	1.23	2.00	ppb
Vanadium	51-2	255.28	216.18	225.03	232.16	8.83	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	345.77	295.21	303.96	314.98	8.58	ppb
Zirconium	90-1	13.72	13.81	14.13	13.89	1.57	ppb
Zirconium	91-1	13.84	13.87	14.11	13.94	1.08	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-15	Instrumnet Name :	P7
Client Sample ID :	MYE4S4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:04:57	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37753.97	38264.54	37489.42	37835.98	1.04	ppb
Antimony	121-1	3.13	3.11	3.16	3.13	0.91	ppb
Arsenic	75-2	168.39	168.15	167.38	167.97	0.31	ppb
Barium	135-1	628.28	641.90	639.93	636.70	1.16	ppb
Barium	137-1	633.19	637.87	638.13	636.40	0.44	ppb
Beryllium	9-1	1.79	1.65	1.70	1.71	4.13	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.02	4.22	4.14	4.13	2.39	ppb
Cadmium	106-1	4.77	3.95	5.21	4.64	13.78	ppb
Cadmium	111-1	3.07	3.01	3.12	3.06	1.81	ppb
Calcium	43-1	9688.86	9595.71	9765.92	9683.50	0.88	ppb
Calcium	44-1	9216.62	9105.90	9279.78	9200.77	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.06	98.54	97.18	97.92	0.71	ppb
Cobalt	59-2	56.30	56.03	55.87	56.07	0.39	ppb
Copper	63-2	370.85	380.49	367.51	372.95	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	105775.41	105191.19	104253.99	105073.53	0.73	ppb
Iron	57-2	105718.05	104402.10	102906.64	104342.26	1.35	ppb
Iron	54-2	105128.40	105101.93	104842.29	105024.21	0.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-15	Instrumnet Name :	P7
Client Sample ID :	MYE4S4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:04:57	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.59	111.00	110.86	110.48	0.70	ppb
Lead	207-1	108.24	109.73	108.96	108.98	0.68	ppb
Lead	208-1	117.66	118.83	118.97	118.49	0.60	ppb
Lithium	6-1				92		%
Magnesium	24-2	21604.45	21639.75	21372.04	21538.74	0.68	ppb
Manganese	55-2	2660.32	2676.23	2664.40	2666.98	0.31	ppb
Molybdenum	94-1	24.61	25.16	25.27	25.01	1.41	ppb
Molybdenum	95-1	1.56	1.52	1.52	1.53	1.59	ppb
Molybdenum	96-1	4.71	4.83	4.79	4.78	1.30	ppb
Molybdenum	97-1	1.47	1.53	1.56	1.52	3.14	ppb
Molybdenum	98-1	1.40	1.42	1.46	1.43	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.09	123.59	124.43	124.03	0.34	ppb
Phosphorus	31-2	2613.41	2617.06	2532.99	2587.82	1.84	ppb
Potassium	39-2	7074.28	7044.71	6984.72	7034.57	0.65	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				115		%
Selenium	82-1	1.06	1.24	0.65	0.98	30.51	ppb
Selenium	77-2	23.13	19.17	19.08	20.46	11.31	ppb
Selenium	78-2	5.01	3.98	5.52	4.84	16.31	ppb
Silicon	28-1	709.97	703.63	706.92	706.84	0.45	ppb
Silver	107-1	0.91	0.94	0.94	0.93	1.71	ppb
Silver	109-1	0.92	0.94	0.97	0.94	2.58	ppb
Sodium	23-2	160.63	159.62	161.72	160.66	0.66	ppb
Strontium	86-1	96.41	97.42	97.88	97.24	0.78	ppb
Strontium	88-1	99.53	100.40	100.12	100.01	0.45	ppb
Sulfur	34-1	-976.99	-1087.66	-1078.72	-1047.79		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.47	0.49	0.49	0.49	2.54	ppb
Thallium	205-1	0.47	0.47	0.47	0.47	0.35	ppb
Tin	118-1	2.91	3.11	3.03	3.02	3.27	ppb
Titanium	47-1	941.44	943.93	944.97	943.45	0.19	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-15	Instrumnet Name :	P7
Client Sample ID :	MYE4S4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:04:57	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.34	1.35	1.33	1.34	0.51	ppb
Vanadium	51-2	210.64	211.87	210.60	211.04	0.34	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	353.62	352.76	353.39	353.26	0.13	ppb
Zirconium	90-1	13.90	14.25	14.38	14.18	1.76	ppb
Zirconium	91-1	13.97	14.35	14.32	14.22	1.47	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-16	Instrumnet Name :	P7
Client Sample ID :	MYE4S5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:08:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35459.65	35584.01	35561.80	35535.15	0.19	ppb
Antimony	121-1	4.24	4.11	4.17	4.17	1.55	ppb
Arsenic	75-2	187.50	189.71	187.27	188.16	0.71	ppb
Barium	135-1	478.39	471.35	479.09	476.28	0.90	ppb
Barium	137-1	525.81	510.74	521.64	519.40	1.50	ppb
Beryllium	9-1	1.55	1.69	1.55	1.60	4.81	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.31	3.50	3.77	3.53	6.52	ppb
Cadmium	106-1	4.27	3.66	4.50	4.14	10.51	ppb
Cadmium	111-1	2.63	2.57	2.66	2.62	1.79	ppb
Calcium	43-1	7922.78	8009.99	7971.96	7968.24	0.55	ppb
Calcium	44-1	7508.59	7494.09	7512.71	7505.13	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.68	95.75	96.63	96.35	0.54	ppb
Cobalt	59-2	57.81	57.67	57.31	57.60	0.45	ppb
Copper	63-2	295.44	295.97	293.65	295.02	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				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	109437.68	108442.28	108620.10	108833.35	0.49	ppb
Iron	57-2	108165.18	108313.43	107008.02	107828.87	0.66	ppb
Iron	54-2	108307.88	108448.91	107780.24	108179.01	0.33	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-16	Instrumnet Name :	P7
Client Sample ID :	MYE4S5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:08:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.08	82.96	85.76	83.93	1.88	ppb
Lead	207-1	82.25	82.17	85.12	83.18	2.02	ppb
Lead	208-1	82.64	82.06	85.28	83.32	2.06	ppb
Lithium	6-1				93		%
Magnesium	24-2	18805.82	18523.45	18336.85	18555.37	1.27	ppb
Manganese	55-2	2117.02	2119.71	2092.18	2109.64	0.72	ppb
Molybdenum	94-1	21.41	21.37	21.68	21.49	0.80	ppb
Molybdenum	95-1	1.27	1.26	1.28	1.27	0.80	ppb
Molybdenum	96-1	4.29	4.25	4.28	4.27	0.56	ppb
Molybdenum	97-1	1.32	1.32	1.34	1.33	0.77	ppb
Molybdenum	98-1	1.23	1.25	1.18	1.22	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.53	103.94	103.29	103.92	0.60	ppb
Phosphorus	31-2	1996.25	2012.52	1954.67	1987.81	1.50	ppb
Potassium	39-2	6947.33	6876.88	6940.59	6921.60	0.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				114		%
Selenium	82-1	0.92	0.78	0.88	0.86	8.50	ppb
Selenium	77-2	16.09	21.04	17.82	18.32	13.71	ppb
Selenium	78-2	5.01	4.20	5.76	4.99	15.58	ppb
Silicon	28-1	358.28	356.80	359.66	358.25	0.40	ppb
Silver	107-1	0.55	0.53	0.55	0.54	2.67	ppb
Silver	109-1	0.55	0.52	0.58	0.55	5.37	ppb
Sodium	23-2	121.37	121.33	119.41	120.71	0.93	ppb
Strontium	86-1	85.52	84.50	84.95	84.99	0.60	ppb
Strontium	88-1	88.79	86.55	88.27	87.87	1.34	ppb
Sulfur	34-1	-1063.77	-1016.37	-1052.11	-1044.08		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.39	0.38	0.40	0.39	2.88	ppb
Thallium	205-1	0.39	0.37	0.39	0.38	2.40	ppb
Tin	118-1	2.56	2.56	2.53	2.55	0.77	ppb
Titanium	47-1	804.24	812.29	814.73	810.42	0.68	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-16	Instrumnet Name :	P7
Client Sample ID :	MYE4S5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:08:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.10	1.09	1.08	2.96	ppb
Vanadium	51-2	217.87	217.34	216.24	217.15	0.38	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	302.51	297.56	301.89	300.65	0.90	ppb
Zirconium	90-1	12.08	12.06	12.13	12.09	0.31	ppb
Zirconium	91-1	11.97	12.08	12.39	12.15	1.80	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-17	Instrumnet Name :	P7
Client Sample ID :	MYE4S6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:11:06	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43952.85	43897.89	43660.68	43837.14	0.35	ppb
Antimony	121-1	4.26	4.32	4.32	4.30	0.80	ppb
Arsenic	75-2	171.91	173.33	168.97	171.40	1.30	ppb
Barium	135-1	686.11	688.97	694.64	689.91	0.63	ppb
Barium	137-1	687.46	694.92	696.87	693.08	0.72	ppb
Beryllium	9-1	1.86	1.89	1.94	1.90	2.14	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.61	3.75	3.80	3.72	2.71	ppb
Cadmium	106-1	5.77	4.54	4.80	5.04	12.85	ppb
Cadmium	111-1	2.38	2.25	2.41	2.35	3.74	ppb
Calcium	43-1	10592.03	10635.40	10669.76	10632.40	0.37	ppb
Calcium	44-1	10036.21	10000.71	10039.43	10025.45	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109.24	109.72	108.90	109.29	0.38	ppb
Cobalt	59-2	61.00	60.75	60.73	60.83	0.25	ppb
Copper	63-2	343.14	340.75	340.26	341.39	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	120633.03	120217.53	120755.96	120535.51	0.23	ppb
Iron	57-2	121365.60	118801.69	119296.14	119821.14	1.14	ppb
Iron	54-2	120418.71	120099.38	120265.44	120261.18	0.13	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-17	Instrumnet Name :	P7
Client Sample ID :	MYE4S6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:11:06	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.01	82.00	82.59	82.20	0.41	ppb
Lead	207-1	80.14	81.04	82.84	81.34	1.69	ppb
Lead	208-1	80.39	81.11	81.80	81.10	0.87	ppb
Lithium	6-1				94		%
Magnesium	24-2	22426.10	22564.88	22298.21	22429.73	0.59	ppb
Manganese	55-2	2518.60	2524.61	2540.50	2527.90	0.45	ppb
Molybdenum	94-1	33.52	34.03	34.36	33.97	1.25	ppb
Molybdenum	95-1	1.38	1.35	1.37	1.37	1.14	ppb
Molybdenum	96-1	5.75	5.73	5.78	5.75	0.49	ppb
Molybdenum	97-1	1.38	1.39	1.37	1.38	0.68	ppb
Molybdenum	98-1	1.32	1.32	1.34	1.33	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.84	132.11	132.15	132.03	0.12	ppb
Phosphorus	31-2	2417.45	2481.13	2391.38	2429.98	1.90	ppb
Potassium	39-2	7821.91	7715.60	7695.79	7744.43	0.88	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	82-1	0.99	1.22	1.78	1.33	30.63	ppb
Selenium	77-2	16.99	18.17	24.38	19.85	19.98	ppb
Selenium	78-2	4.85	5.90	4.89	5.21	11.44	ppb
Silicon	28-1	437.57	440.72	440.75	439.68	0.42	ppb
Silver	107-1	0.63	0.65	0.63	0.63	1.62	ppb
Silver	109-1	0.63	0.64	0.66	0.64	1.69	ppb
Sodium	23-2	156.17	156.62	156.65	156.48	0.17	ppb
Strontium	86-1	124.68	125.94	126.39	125.67	0.71	ppb
Strontium	88-1	128.38	130.27	128.36	129.00	0.85	ppb
Sulfur	34-1	-1054.42	-1097.19	-1101.82	-1084.48		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.43	0.46	0.45	0.45	3.66	ppb
Thallium	205-1	0.44	0.47	0.47	0.46	3.21	ppb
Tin	118-1	2.92	2.87	3.02	2.94	2.75	ppb
Titanium	47-1	935.82	935.67	954.56	942.02	1.15	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-17	Instrumnet Name :	P7
Client Sample ID :	MYE4S6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:11:06	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.41	1.44	1.41	1.42	1.32	ppb
Vanadium	51-2	241.60	238.56	239.21	239.79	0.67	ppb
Yttrium	89-1				116		%
Yttrium	89-2				116		%
Zinc	66-2	296.37	295.17	294.22	295.25	0.36	ppb
Zirconium	90-1	19.37	19.82	19.67	19.62	1.17	ppb
Zirconium	91-1	19.51	19.52	19.83	19.62	0.93	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-18	Instrumnet Name :	P7
Client Sample ID :	MYE4S7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:14:11	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45303.00	45045.65	45143.80	45164.15	0.29	ppb
Antimony	121-1	3.74	3.80	3.81	3.78	1.09	ppb
Arsenic	75-2	179.68	179.26	181.98	180.31	0.81	ppb
Barium	135-1	651.61	642.87	648.83	647.77	0.69	ppb
Barium	137-1	640.68	652.10	648.29	647.02	0.90	ppb
Beryllium	9-1	1.60	1.91	1.93	1.81	10.19	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.36	4.27	3.97	4.20	4.80	ppb
Cadmium	106-1	5.20	5.72	5.49	5.47	4.75	ppb
Cadmium	111-1	3.17	3.12	3.12	3.14	1.03	ppb
Calcium	43-1	10397.72	10693.61	10612.31	10567.88	1.45	ppb
Calcium	44-1	9821.44	10051.87	10032.03	9968.44	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.02	118.56	118.57	118.72	0.22	ppb
Cobalt	59-2	63.56	64.02	63.45	63.68	0.48	ppb
Copper	63-2	508.65	511.76	506.52	508.98	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				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	127494.02	125853.07	127710.15	127019.08	0.80	ppb
Iron	57-2	125783.34	125209.84	124308.75	125100.64	0.59	ppb
Iron	54-2	126546.75	125472.36	126539.51	126186.21	0.49	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-18	Instrumnet Name :	P7
Client Sample ID :	MYE4S7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:14:11	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	111.17	113.48	114.01	112.89	1.34	ppb
Lead	207-1	110.24	113.15	110.41	111.27	1.47	ppb
Lead	208-1	119.04	122.01	120.38	120.48	1.24	ppb
Lithium	6-1				95		%
Magnesium	24-2	23914.14	23798.85	23807.20	23840.06	0.27	ppb
Manganese	55-2	2798.79	2771.69	2798.38	2789.62	0.56	ppb
Molybdenum	94-1	28.76	29.64	29.96	29.45	2.11	ppb
Molybdenum	95-1	1.37	1.44	1.48	1.43	3.54	ppb
Molybdenum	96-1	5.26	5.41	5.32	5.33	1.40	ppb
Molybdenum	97-1	1.39	1.41	1.49	1.43	3.70	ppb
Molybdenum	98-1	1.38	1.37	1.38	1.37	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.43	128.36	128.32	128.70	0.49	ppb
Phosphorus	31-2	2567.68	2554.43	2532.63	2551.58	0.69	ppb
Potassium	39-2	8310.17	8313.01	8321.52	8314.90	0.07	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	82-1	1.19	1.46	1.17	1.28	12.72	ppb
Selenium	77-2	27.72	22.56	26.04	25.44	10.35	ppb
Selenium	78-2	4.87	4.94	6.00	5.27	12.05	ppb
Silicon	28-1	668.35	683.78	691.35	681.16	1.72	ppb
Silver	107-1	0.99	0.93	0.98	0.97	3.16	ppb
Silver	109-1	0.93	0.93	0.99	0.95	3.51	ppb
Sodium	23-2	156.47	153.95	156.27	155.56	0.90	ppb
Strontium	86-1	95.25	97.96	97.51	96.91	1.50	ppb
Strontium	88-1	98.01	99.52	99.94	99.15	1.02	ppb
Sulfur	34-1	-1128.31	-1096.30	-1173.93	-1132.85		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.48	0.48	0.50	0.49	2.29	ppb
Thallium	205-1	0.49	0.49	0.50	0.49	1.06	ppb
Tin	118-1	3.01	3.04	3.10	3.05	1.45	ppb
Titanium	47-1	1055.77	1119.80	1115.03	1096.87	3.25	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-18	Instrumnet Name :	P7
Client Sample ID :	MYE4S7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:14:11	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.33	1.39	1.38	1.37	2.12	ppb
Vanadium	51-2	251.53	251.33	253.05	251.97	0.37	ppb
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	348.28	348.16	347.75	348.06	0.08	ppb
Zirconium	90-1	16.41	17.03	16.88	16.78	1.93	ppb
Zirconium	91-1	16.55	16.92	16.99	16.82	1.40	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-19	Instrumnet Name :	P7
Client Sample ID :	MYE4S8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:17:13	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38001.87	37671.00	38037.57	37903.48	0.53	ppb
Antimony	121-1	3.96	4.01	4.00	3.99	0.66	ppb
Arsenic	75-2	174.68	174.60	175.51	174.93	0.29	ppb
Barium	135-1	514.54	516.92	515.57	515.68	0.23	ppb
Barium	137-1	562.41	564.64	566.03	564.36	0.32	ppb
Beryllium	9-1	1.80	1.85	1.74	1.80	2.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.89	3.55	3.76	3.73	4.49	ppb
Cadmium	106-1	5.04	4.32	4.08	4.48	11.13	ppb
Cadmium	111-1	3.04	2.94	3.02	3.00	1.79	ppb
Calcium	43-1	9454.29	9427.91	9506.75	9462.98	0.42	ppb
Calcium	44-1	9028.82	8887.38	9058.66	8991.62	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.68	107.31	106.74	107.24	0.44	ppb
Cobalt	59-2	61.00	60.91	60.95	60.95	0.07	ppb
Copper	63-2	388.64	388.71	384.88	387.41	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				110		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	118666.35	118510.45	119230.40	118802.40	0.32	ppb
Iron	57-2	118814.86	117698.80	117125.26	117879.64	0.73	ppb
Iron	54-2	119454.27	118105.32	118792.64	118784.07	0.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-19	Instrumnet Name :	P7
Client Sample ID :	MYE4S8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:17:13	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	104.85	104.36	106.77	105.33	1.21	ppb
Lead	207-1	104.97	103.99	106.74	105.23	1.33	ppb
Lead	208-1	112.12	113.16	114.77	113.35	1.18	ppb
Lithium	6-1				93		%
Magnesium	24-2	20641.70	20445.15	20597.76	20561.54	0.50	ppb
Manganese	55-2	2587.87	2591.07	2635.18	2604.71	1.01	ppb
Molybdenum	94-1	22.86	23.41	23.28	23.18	1.23	ppb
Molybdenum	95-1	1.51	1.50	1.56	1.52	2.18	ppb
Molybdenum	96-1	4.62	4.73	4.73	4.70	1.37	ppb
Molybdenum	97-1	1.50	1.50	1.54	1.52	1.41	ppb
Molybdenum	98-1	1.42	1.43	1.47	1.44	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.42	120.73	121.17	120.77	0.31	ppb
Phosphorus	31-2	2466.95	2482.23	2533.81	2494.33	1.40	ppb
Potassium	39-2	7632.27	7642.54	7646.40	7640.40	0.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	82-1	1.12	1.53	1.54	1.40	17.02	ppb
Selenium	77-2	19.29	20.04	21.03	20.12	4.35	ppb
Selenium	78-2	6.07	5.68	5.39	5.71	5.96	ppb
Silicon	28-1	653.61	646.76	661.10	653.82	1.10	ppb
Silver	107-1	0.81	0.80	0.79	0.80	1.03	ppb
Silver	109-1	0.77	0.82	0.80	0.80	3.19	ppb
Sodium	23-2	160.37	158.44	159.61	159.47	0.61	ppb
Strontium	86-1	87.95	89.28	89.73	88.99	1.04	ppb
Strontium	88-1	91.22	91.19	92.25	91.55	0.66	ppb
Sulfur	34-1	-798.28	-895.03	-918.24	-870.52		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.71	0.69	0.71	0.70	1.65	ppb
Thallium	205-1	0.70	0.68	0.71	0.70	2.47	ppb
Tin	118-1	3.12	3.19	3.21	3.17	1.55	ppb
Titanium	47-1	978.04	967.96	963.44	969.81	0.77	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-19	Instrumnet Name :	P7
Client Sample ID :	MYE4S8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:17:13	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.24	1.29	1.27	2.26	ppb
Vanadium	51-2	236.82	235.36	236.41	236.19	0.32	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	381.77	382.81	383.72	382.77	0.26	ppb
Zirconium	90-1	12.67	12.96	13.20	12.94	2.08	ppb
Zirconium	91-1	13.00	13.27	13.31	13.19	1.26	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-20	Instrumnet Name :	P7
Client Sample ID :	MYE4S9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:20:17	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39890.65	40286.16	40676.94	40284.58	0.98	ppb
Antimony	121-1	3.06	3.12	3.21	3.13	2.36	ppb
Arsenic	75-2	192.57	192.20	192.72	192.49	0.14	ppb
Barium	135-1	639.58	647.45	637.28	641.44	0.83	ppb
Barium	137-1	646.15	652.95	647.11	648.74	0.57	ppb
Beryllium	9-1	1.64	1.65	1.65	1.64	0.36	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.88	4.31	4.64	4.28	8.94	ppb
Cadmium	106-1	4.96	5.17	4.92	5.02	2.66	ppb
Cadmium	111-1	3.62	3.83	3.52	3.66	4.35	ppb
Calcium	43-1	10504.23	10492.44	10535.85	10510.84	0.21	ppb
Calcium	44-1	9924.31	10005.40	9986.27	9971.99	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.19	103.73	103.72	103.21	0.86	ppb
Cobalt	59-2	56.67	57.44	57.35	57.15	0.74	ppb
Copper	63-2	458.53	468.10	463.56	463.40	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				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	111461.28	111761.72	110957.99	111393.66	0.36	ppb
Iron	57-2	110072.89	111636.99	110443.04	110717.64	0.74	ppb
Iron	54-2	111545.08	111982.64	112065.61	111864.44	0.25	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-20	Instrumnet Name :	P7
Client Sample ID :	MYE4S9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:20:17	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.17	126.15	127.88	125.73	1.89	ppb
Lead	207-1	123.61	126.30	127.95	125.95	1.74	ppb
Lead	208-1	133.19	136.57	137.04	135.60	1.55	ppb
Lithium	6-1				95		%
Magnesium	24-2	23430.27	23573.23	23501.07	23501.52	0.30	ppb
Manganese	55-2	3175.60	3175.48	3138.80	3163.29	0.67	ppb
Molybdenum	94-1	19.60	19.81	20.10	19.83	1.28	ppb
Molybdenum	95-1	1.23	1.27	1.25	1.25	1.51	ppb
Molybdenum	96-1	4.03	3.96	4.10	4.03	1.73	ppb
Molybdenum	97-1	1.21	1.24	1.32	1.26	4.31	ppb
Molybdenum	98-1	1.21	1.18	1.21	1.20	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.44	129.89	130.38	130.24	0.23	ppb
Phosphorus	31-2	2764.80	2821.38	2762.34	2782.84	1.20	ppb
Potassium	39-2	7005.35	7045.79	7009.91	7020.35	0.32	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	0.98	1.28	1.42	1.23	18.36	ppb
Selenium	77-2	24.07	22.62	23.20	23.30	3.11	ppb
Selenium	78-2	8.28	3.87	5.29	5.81	38.73	ppb
Silicon	28-1	819.20	822.89	843.72	828.60	1.60	ppb
Silver	107-1	0.93	0.94	0.94	0.93	0.69	ppb
Silver	109-1	0.91	0.98	0.96	0.95	3.95	ppb
Sodium	23-2	158.20	160.73	161.12	160.02	0.99	ppb
Strontium	86-1	100.34	100.38	102.11	100.94	1.00	ppb
Strontium	88-1	102.59	104.11	104.28	103.66	0.90	ppb
Sulfur	34-1	-1008.26	-1069.45	-1020.44	-1032.72		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.54	0.55	0.56	0.55	1.59	ppb
Thallium	205-1	0.54	0.53	0.56	0.54	2.59	ppb
Tin	118-1	2.88	2.87	2.90	2.88	0.44	ppb
Titanium	47-1	953.71	948.83	962.83	955.12	0.74	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-20	Instrumnet Name :	P7
Client Sample ID :	MYE4S9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:20:17	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.21	1.21	1.20	1.71	ppb
Vanadium	51-2	215.19	215.60	214.46	215.08	0.27	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	405.54	405.53	408.72	406.60	0.45	ppb
Zirconium	90-1	11.22	11.15	11.14	11.17	0.41	ppb
Zirconium	91-1	11.23	11.14	11.66	11.34	2.48	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-21	Instrumnet Name :	P7
Client Sample ID :	MYE4T0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:23:19	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40709.99	42561.24	42835.83	42035.69	2.75	ppb
Antimony	121-1	3.01	3.06	3.13	3.07	2.01	ppb
Arsenic	75-2	133.36	140.12	138.78	137.42	2.60	ppb
Barium	135-1	626.17	630.52	647.11	634.60	1.74	ppb
Barium	137-1	641.56	628.79	645.68	638.68	1.38	ppb
Beryllium	9-1	1.80	1.67	1.70	1.73	3.95	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.57	2.93	3.03	3.18	10.81	ppb
Cadmium	106-1	4.52	3.31	4.39	4.07	16.28	ppb
Cadmium	111-1	1.62	1.65	1.76	1.68	4.15	ppb
Calcium	43-1	12887.36	12864.20	12858.82	12870.13	0.12	ppb
Calcium	44-1	12253.75	12147.31	12030.79	12143.95	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.76	97.63	97.44	95.94	2.87	ppb
Cobalt	59-2	49.80	51.80	52.38	51.33	2.64	ppb
Copper	63-2	263.73	272.54	278.89	271.72	2.80	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				107		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	98774.55	102953.78	104830.08	102186.14	3.03	ppb
Iron	57-2	97416.13	101657.74	102946.17	100673.35	2.87	ppb
Iron	54-2	99073.25	102634.96	104708.53	102138.91	2.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-21	Instrumnet Name :	P7
Client Sample ID :	MYE4T0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:23:19	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.07	57.48	58.15	57.57	0.95	ppb
Lead	207-1	56.06	56.22	57.01	56.43	0.90	ppb
Lead	208-1	56.39	56.41	57.54	56.78	1.17	ppb
Lithium	6-1				93		%
Magnesium	24-2	19654.93	20932.33	20908.22	20498.50	3.56	ppb
Manganese	55-2	2106.43	2175.40	2241.57	2174.47	3.11	ppb
Molybdenum	94-1	30.64	32.07	31.66	31.46	2.34	ppb
Molybdenum	95-1	0.99	1.00	0.99	0.99	0.64	ppb
Molybdenum	96-1	4.86	4.90	4.95	4.91	0.89	ppb
Molybdenum	97-1	1.01	1.02	1.01	1.01	0.63	ppb
Molybdenum	98-1	0.93	0.96	0.96	0.95	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.04	130.54	131.69	129.09	2.76	ppb
Phosphorus	31-2	2571.20	2604.10	2655.04	2610.11	1.62	ppb
Potassium	39-2	5171.22	5438.47	5534.27	5381.32	3.50	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				114		%
Selenium	82-1	1.07	1.58	0.78	1.14	35.71	ppb
Selenium	77-2	20.16	22.47	26.23	22.95	13.34	ppb
Selenium	78-2	6.35	3.83	4.81	5.00	25.42	ppb
Silicon	28-1	613.84	609.06	603.96	608.95	0.81	ppb
Silver	107-1	0.49	0.48	0.49	0.48	1.58	ppb
Silver	109-1	0.47	0.47	0.51	0.48	4.69	ppb
Sodium	23-2	125.76	132.22	133.81	130.60	3.27	ppb
Strontium	86-1	129.63	131.86	132.50	131.33	1.15	ppb
Strontium	88-1	133.35	135.61	136.62	135.19	1.24	ppb
Sulfur	34-1	-1060.08	-1144.90	-1126.73	-1110.57		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.38	0.36	0.38	0.38	3.84	ppb
Thallium	205-1	0.36	0.35	0.36	0.36	1.62	ppb
Tin	118-1	2.34	2.33	2.41	2.36	1.75	ppb
Titanium	47-1	912.62	907.95	904.72	908.43	0.44	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-21	Instrumnet Name :	P7
Client Sample ID :	MYE4T0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:23:19	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	1.28	1.32	1.29	1.88	ppb
Vanadium	51-2	184.25	191.94	194.08	190.09	2.72	ppb
Yttrium	89-1				113		%
Yttrium	89-2				114		%
Zinc	66-2	288.87	301.79	302.97	297.87	2.63	ppb
Zirconium	90-1	17.88	18.65	18.21	18.25	2.14	ppb
Zirconium	91-1	17.61	18.25	18.59	18.15	2.73	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:26:25	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47923.13	48378.20	48170.66	48157.33	0.47	ppb
Antimony	121-1	453.66	466.34	468.84	462.95	1.76	ppb
Arsenic	75-2	526.61	524.48	532.01	527.70	0.73	ppb
Barium	135-1	2291.52	2382.38	2322.96	2332.29	1.98	ppb
Barium	137-1	2290.71	2360.30	2331.02	2327.34	1.50	ppb
Beryllium	9-1	476.40	486.92	511.96	491.76	3.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	482.10	491.14	490.57	487.94	1.04	ppb
Cadmium	106-1	486.84	492.46	498.16	492.49	1.15	ppb
Cadmium	111-1	459.54	469.34	475.22	468.03	1.69	ppb
Calcium	43-1	244271.66	248654.37	253716.90	248880.98	1.90	ppb
Calcium	44-1	243430.55	245985.88	252297.72	247238.05	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.09	499.81	496.26	496.39	0.68	ppb
Cobalt	59-2	523.70	519.62	522.52	521.94	0.40	ppb
Copper	63-2	4901.16	4902.14	4907.28	4903.53	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	125504.62	124953.70	125995.52	125484.61	0.42	ppb
Iron	57-2	124479.63	125902.46	125464.87	125282.32	0.58	ppb
Iron	54-2	126649.58	127182.49	127136.48	126989.52	0.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:26:25	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2365.17	2341.35	2387.72	2364.75	0.98	ppb
Lead	207-1	2334.94	2318.92	2372.44	2342.10	1.17	ppb
Lead	208-1	2358.79	2340.42	2365.94	2355.05	0.56	ppb
Lithium	6-1				96		%
Magnesium	24-2	242344.94	242532.92	242958.07	242611.98	0.13	ppb
Manganese	55-2	4890.98	4897.39	4908.93	4899.10	0.19	ppb
Molybdenum	94-1	4676.46	4630.52	4690.68	4665.89	0.67	ppb
Molybdenum	95-1	4670.97	4614.40	4705.17	4663.51	0.98	ppb
Molybdenum	96-1	4632.20	4568.49	4672.18	4624.29	1.13	ppb
Molybdenum	97-1	4596.67	4549.74	4698.73	4615.05	1.65	ppb
Molybdenum	98-1	4591.53	4550.60	4694.94	4612.36	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.14	514.17	511.96	512.42	0.31	ppb
Phosphorus	31-2	9932.45	9811.51	9836.03	9860.00	0.65	ppb
Potassium	39-2	120356.20	119610.76	120447.22	120138.06	0.38	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	82-1	477.66	475.76	481.04	478.15	0.56	ppb
Selenium	77-2	519.50	505.75	520.34	515.20	1.59	ppb
Selenium	78-2	518.23	513.27	509.94	513.81	0.81	ppb
Silicon	28-1	1433.50	1447.05	1468.10	1449.55	1.20	ppb
Silver	107-1	479.58	491.50	491.99	487.69	1.44	ppb
Silver	109-1	484.43	493.44	493.78	490.55	1.08	ppb
Sodium	23-2	241163.11	240968.19	242106.71	241412.67	0.25	ppb
Strontium	86-1	11616.88	11423.64	11743.53	11594.68	1.39	ppb
Strontium	88-1	11539.75	11468.60	11711.92	11573.42	1.08	ppb
Sulfur	34-1	8374.86	8369.32	8723.05	8489.07	2.39	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	472.24	474.01	483.32	476.53	1.25	ppb
Thallium	205-1	475.80	469.50	480.57	475.29	1.17	ppb
Tin	118-1	458.72	464.57	469.09	464.13	1.12	ppb
Titanium	47-1	4543.33	4602.37	4667.12	4604.28	1.34	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:26:25	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	473.93	464.54	485.23	474.57	2.18	ppb
Vanadium	51-2	496.40	497.49	500.81	498.24	0.46	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	4936.21	4966.55	4986.17	4962.98	0.51	ppb
Zirconium	90-1	472.62	473.21	478.99	474.94	0.74	ppb
Zirconium	91-1	472.95	467.87	481.27	474.03	1.43	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:29:06	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.93	10.96	10.53	10.47	4.95	ppb
Antimony	121-1	0.27	0.26	0.28	0.27	5.00	ppb
Arsenic	75-2	0.06	0.05	0.11	0.07	41.94	ppb
Barium	135-1	0.18	0.17	0.16	0.17	6.39	ppb
Barium	137-1	0.19	0.16	0.16	0.17	9.02	ppb
Beryllium	9-1	0.04	0.06	0.06	0.05	18.89	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.06	-0.03	0.02	225.51	ppb
Cadmium	106-1	-0.27	-0.89	-1.10	-0.75		ppb
Cadmium	111-1	0.01	-0.03	-0.04	-0.02		ppb
Calcium	43-1	23.11	18.64	16.67	19.47	16.94	ppb
Calcium	44-1	20.90	19.77	20.06	20.25	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.05	0.01	0.03	67.58	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	21.37	ppb
Copper	63-2	0.23	0.23	0.22	0.23	3.22	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				115		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	56-2	19.24	21.35	18.58	19.72	7.33	ppb
Iron	57-2	15.24	22.38	16.57	18.07	21.01	ppb
Iron	54-2	19.32	21.76	18.42	19.83	8.72	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:29:06	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.16	0.15	0.16	5.88	ppb
Lead	207-1	0.18	0.16	0.15	0.16	7.93	ppb
Lead	208-1	0.17	0.16	0.15	0.16	5.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	12.27	13.00	11.64	12.31	5.54	ppb
Manganese	55-2	0.60	0.65	0.56	0.60	8.14	ppb
Molybdenum	94-1	0.28	0.27	0.27	0.27	2.12	ppb
Molybdenum	95-1	0.26	0.28	0.27	0.27	3.07	ppb
Molybdenum	96-1	0.28	0.26	0.26	0.26	3.55	ppb
Molybdenum	97-1	0.28	0.27	0.27	0.27	2.74	ppb
Molybdenum	98-1	0.28	0.25	0.26	0.26	5.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.05	0.03	42.98	ppb
Phosphorus	31-2	-13.42	-15.68	-16.59	-15.23		ppb
Potassium	39-2	14.45	22.21	11.81	16.16	33.46	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	-0.24	0.09	0.00	-0.05		ppb
Selenium	77-2	0.00	0.25	0.00	0.08	173.21	ppb
Selenium	78-2	0.50	1.12	-0.51	0.37	223.33	ppb
Silicon	28-1	0.97	0.83	0.87	0.89	7.88	ppb
Silver	107-1	0.06	0.05	0.04	0.05	24.10	ppb
Silver	109-1	0.05	0.04	0.03	0.04	19.86	ppb
Sodium	23-2	29.68	31.56	26.70	29.31	8.37	ppb
Strontium	86-1	0.36	0.34	0.38	0.36	4.32	ppb
Strontium	88-1	0.39	0.38	0.38	0.39	1.95	ppb
Sulfur	34-1	-800.58	-776.67	-691.69	-756.31		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.06	0.05	0.06	6.53	ppb
Thallium	205-1	0.06	0.05	0.05	0.06	13.00	ppb
Tin	118-1	0.28	0.31	0.33	0.31	7.46	ppb
Titanium	47-1	0.30	0.33	0.35	0.33	8.23	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:29:06	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	7.16	ppb
Vanadium	51-2	0.06	0.08	0.05	0.06	24.73	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	1.67	1.52	1.54	1.58	4.98	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	15.18	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	34.09	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-22	Instrumnet Name :	P7
Client Sample ID :	MYE4T1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:32:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55765.60	55053.86	55524.80	55448.09	0.65	ppb
Antimony	121-1	3.25	3.28	3.27	3.27	0.51	ppb
Arsenic	75-2	152.81	152.62	151.54	152.32	0.45	ppb
Barium	135-1	682.53	672.23	688.96	681.24	1.24	ppb
Barium	137-1	675.95	689.57	688.99	684.84	1.12	ppb
Beryllium	9-1	2.11	2.01	1.88	2.00	5.85	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.89	4.61	3.93	4.14	9.82	ppb
Cadmium	106-1	6.66	5.63	6.40	6.23	8.56	ppb
Cadmium	111-1	1.86	1.69	1.79	1.78	4.78	ppb
Calcium	43-1	22418.23	22600.80	22818.30	22612.44	0.89	ppb
Calcium	44-1	21480.45	21432.68	21585.93	21499.69	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115.79	114.71	115.62	115.38	0.50	ppb
Cobalt	59-2	56.78	56.34	56.27	56.46	0.49	ppb
Copper	63-2	282.60	279.98	279.85	280.81	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				113		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	117888.04	116223.84	117098.59	117070.16	0.71	ppb
Iron	57-2	116772.81	114725.38	115004.89	115501.02	0.96	ppb
Iron	54-2	118005.41	116003.17	117410.16	117139.58	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-22	Instrumnet Name :	P7
Client Sample ID :	MYE4T1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:32:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	65.88	65.10	66.55	65.84	1.11	ppb
Lead	207-1	64.45	64.30	65.02	64.59	0.59	ppb
Lead	208-1	64.60	64.63	65.37	64.87	0.67	ppb
Lithium	6-1				94		%
Magnesium	24-2	25764.59	25531.42	25576.62	25624.21	0.48	ppb
Manganese	55-2	2373.76	2372.90	2367.89	2371.52	0.13	ppb
Molybdenum	94-1	47.19	48.02	48.06	47.76	1.02	ppb
Molybdenum	95-1	1.22	1.18	1.26	1.22	3.13	ppb
Molybdenum	96-1	6.92	6.95	7.13	7.00	1.61	ppb
Molybdenum	97-1	1.16	1.21	1.29	1.22	5.34	ppb
Molybdenum	98-1	1.22	1.16	1.22	1.20	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	142.90	140.97	140.94	141.60	0.79	ppb
Phosphorus	31-2	3414.59	3382.37	3327.20	3374.72	1.31	ppb
Potassium	39-2	6162.06	6052.69	6060.87	6091.87	1.00	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				122		%
Scandium	45-2				123		%
Selenium	82-1	1.80	0.77	1.09	1.22	43.31	ppb
Selenium	77-2	23.99	20.87	22.02	22.29	7.07	ppb
Selenium	78-2	6.18	5.38	4.62	5.39	14.44	ppb
Silicon	28-1	727.21	732.45	732.42	730.69	0.41	ppb
Silver	107-1	0.65	0.60	0.57	0.61	6.88	ppb
Silver	109-1	0.63	0.58	0.57	0.59	5.58	ppb
Sodium	23-2	211.10	204.75	207.51	207.79	1.53	ppb
Strontium	86-1	131.60	132.10	134.41	132.70	1.13	ppb
Strontium	88-1	137.28	134.55	136.19	136.01	1.01	ppb
Sulfur	34-1	-869.75	-1010.19	-1055.66	-978.53		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.42	0.43	0.41	0.42	2.48	ppb
Thallium	205-1	0.41	0.41	0.41	0.41	0.82	ppb
Tin	118-1	2.90	2.94	2.90	2.91	0.76	ppb
Titanium	47-1	1241.90	1237.28	1263.27	1247.48	1.11	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-22	Instrumnet Name :	P7
Client Sample ID :	MYE4T1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:32:23	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	1.26	1.27	1.27	0.62	ppb
Vanadium	51-2	228.93	225.39	226.52	226.95	0.80	ppb
Yttrium	89-1				123		%
Yttrium	89-2				121		%
Zinc	66-2	1779.21	1761.59	1770.94	1770.58	0.50	ppb
Zirconium	90-1	27.91	28.07	28.33	28.10	0.77	ppb
Zirconium	91-1	27.61	28.05	28.32	27.99	1.28	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:35:25	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9183.45	9392.50	8813.56	9129.84	3.21	ppb
Antimony	121-1	0.95	0.96	1.02	0.98	4.04	ppb
Arsenic	75-2	33.32	34.50	32.39	33.41	3.16	ppb
Barium	135-1	114.80	118.87	118.73	117.47	1.97	ppb
Barium	137-1	117.85	120.15	120.50	119.50	1.20	ppb
Beryllium	9-1	0.45	0.32	0.38	0.38	17.10	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.74	0.72	0.66	0.71	5.76	ppb
Cadmium	106-1	0.09	-0.25	0.47	0.11	338.21	ppb
Cadmium	111-1	0.42	0.42	0.49	0.44	10.08	ppb
Calcium	43-1	2128.81	2143.54	2103.22	2125.19	0.96	ppb
Calcium	44-1	2156.99	2176.79	2166.34	2166.71	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.80	26.49	24.74	25.68	3.43	ppb
Cobalt	59-2	13.83	14.32	13.52	13.89	2.90	ppb
Copper	63-2	68.54	71.54	67.24	69.10	3.19	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				112		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	26878.17	27863.53	26192.29	26978.00	3.11	ppb
Iron	57-2	26799.31	27933.44	26021.82	26918.19	3.57	ppb
Iron	54-2	26763.29	27866.20	26187.02	26938.83	3.17	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:35:25	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.91	17.64	17.66	17.40	2.46	ppb
Lead	207-1	16.76	17.61	17.38	17.25	2.54	ppb
Lead	208-1	16.80	17.43	17.32	17.18	1.96	ppb
Lithium	6-1				94		%
Magnesium	24-2	4971.43	5173.82	4862.53	5002.59	3.16	ppb
Manganese	55-2	710.29	736.94	693.25	713.49	3.09	ppb
Molybdenum	94-1	4.98	5.08	5.08	5.05	1.12	ppb
Molybdenum	95-1	0.42	0.44	0.42	0.43	3.60	ppb
Molybdenum	96-1	1.07	1.09	1.09	1.08	1.14	ppb
Molybdenum	97-1	0.43	0.38	0.40	0.41	6.11	ppb
Molybdenum	98-1	0.39	0.42	0.43	0.42	4.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.67	29.31	26.97	27.98	4.30	ppb
Phosphorus	31-2	520.37	533.08	506.14	519.86	2.59	ppb
Potassium	39-2	2099.53	2176.58	2029.62	2101.91	3.50	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.50	0.12	0.11	0.24	90.13	ppb
Selenium	77-2	4.41	6.72	3.12	4.75	38.43	ppb
Selenium	78-2	1.67	2.25	1.17	1.70	31.82	ppb
Silicon	28-1	166.50	167.07	164.65	166.07	0.76	ppb
Silver	107-1	0.13	0.14	0.14	0.14	0.63	ppb
Silver	109-1	0.12	0.13	0.14	0.13	9.70	ppb
Sodium	23-2	57.55	59.32	54.94	57.27	3.85	ppb
Strontium	86-1	19.03	19.66	19.34	19.34	1.64	ppb
Strontium	88-1	18.90	19.33	19.57	19.27	1.77	ppb
Sulfur	34-1	-1292.09	-1327.37	-1357.65	-1325.71		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.12	0.11	0.11	8.98	ppb
Thallium	205-1	0.11	0.12	0.11	0.11	2.07	ppb
Tin	118-1	1.20	1.29	1.28	1.26	3.89	ppb
Titanium	47-1	219.86	222.84	219.25	220.65	0.87	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:35:25	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.28	0.27	4.10	ppb
Vanadium	51-2	52.34	54.60	50.94	52.63	3.50	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	72.88	75.51	71.22	73.21	2.95	ppb
Zirconium	90-1	2.75	2.76	2.82	2.78	1.41	ppb
Zirconium	91-1	2.63	2.84	2.75	2.74	3.83	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:38:36	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8960.74	8973.73	9051.09	8995.19	0.54	ppb
Antimony	121-1	0.99	1.00	1.00	1.00	0.93	ppb
Arsenic	75-2	35.67	35.38	33.97	35.00	2.60	ppb
Barium	135-1	113.46	115.34	118.09	115.63	2.01	ppb
Barium	137-1	115.56	116.36	118.88	116.93	1.48	ppb
Beryllium	9-1	0.43	0.44	0.38	0.41	7.74	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	0.68	0.67	0.68	1.20	ppb
Cadmium	106-1	-1.11	-0.77	-0.87	-0.92		ppb
Cadmium	111-1	0.35	0.40	0.42	0.39	9.64	ppb
Calcium	43-1	2126.96	2183.65	2133.44	2148.02	1.44	ppb
Calcium	44-1	2139.80	2197.97	2195.23	2177.67	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.38	25.29	24.91	25.19	1.00	ppb
Cobalt	59-2	13.49	13.65	13.57	13.57	0.58	ppb
Copper	63-2	67.53	68.63	67.99	68.05	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	26672.63	26821.22	26872.10	26788.65	0.39	ppb
Iron	57-2	26513.43	26124.11	26685.58	26441.04	1.09	ppb
Iron	54-2	26853.09	26887.73	26574.52	26771.78	0.64	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:38:36	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.35	17.29	18.27	17.64	3.10	ppb
Lead	207-1	17.01	17.10	18.02	17.38	3.23	ppb
Lead	208-1	17.07	17.09	17.92	17.36	2.79	ppb
Lithium	6-1				94		%
Magnesium	24-2	4907.99	4893.79	4893.48	4898.42	0.17	ppb
Manganese	55-2	683.59	678.06	674.58	678.74	0.67	ppb
Molybdenum	94-1	4.84	4.88	5.00	4.91	1.69	ppb
Molybdenum	95-1	0.40	0.42	0.42	0.41	2.74	ppb
Molybdenum	96-1	1.08	1.10	1.08	1.09	0.85	ppb
Molybdenum	97-1	0.37	0.39	0.41	0.39	4.70	ppb
Molybdenum	98-1	0.38	0.40	0.39	0.39	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.26	27.14	26.89	27.10	0.69	ppb
Phosphorus	31-2	502.36	518.47	488.39	503.07	2.99	ppb
Potassium	39-2	2075.26	2073.88	2055.55	2068.23	0.53	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	0.94	0.72	0.32	0.66	47.70	ppb
Selenium	77-2	3.17	5.48	3.36	4.01	31.97	ppb
Selenium	78-2	2.82	1.40	1.76	1.99	36.98	ppb
Silicon	28-1	156.22	164.44	160.92	160.53	2.57	ppb
Silver	107-1	0.13	0.13	0.13	0.13	2.17	ppb
Silver	109-1	0.12	0.12	0.13	0.12	6.58	ppb
Sodium	23-2	49.24	50.12	49.40	49.59	0.94	ppb
Strontium	86-1	19.62	19.93	20.09	19.88	1.20	ppb
Strontium	88-1	19.35	19.58	19.66	19.53	0.83	ppb
Sulfur	34-1	-1269.87	-1324.35	-1318.54	-1304.26		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.11	0.11	0.11	5.21	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	2.28	ppb
Tin	118-1	0.64	0.69	0.74	0.69	6.92	ppb
Titanium	47-1	220.00	222.03	225.22	222.42	1.18	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:38:36	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.27	0.29	0.27	4.10	ppb
Vanadium	51-2	51.56	51.29	50.97	51.27	0.58	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	71.56	71.44	72.41	71.80	0.73	ppb
Zirconium	90-1	2.70	2.77	2.74	2.74	1.30	ppb
Zirconium	91-1	2.71	2.78	2.81	2.77	1.98	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 17:41:45	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1803.48	1818.65	1806.68	1809.60	0.44	ppb
Antimony	121-1	0.20	0.20	0.21	0.20	4.95	ppb
Arsenic	75-2	6.64	6.99	6.69	6.77	2.82	ppb
Barium	135-1	23.20	22.96	23.32	23.16	0.80	ppb
Barium	137-1	23.41	23.35	23.55	23.44	0.43	ppb
Beryllium	9-1	0.13	0.11	0.08	0.11	20.49	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.10	0.10	0.11	12.46	ppb
Cadmium	106-1	-0.82	-1.13	-1.41	-1.12		ppb
Cadmium	111-1	0.02	0.01	-0.01	0.01	338.75	ppb
Calcium	43-1	434.62	422.99	432.31	429.97	1.43	ppb
Calcium	44-1	442.54	437.83	450.42	443.60	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.10	5.21	5.10	5.14	1.19	ppb
Cobalt	59-2	2.73	2.81	2.68	2.74	2.36	ppb
Copper	63-2	13.68	13.75	13.65	13.69	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	5304.30	5349.40	5282.92	5312.21	0.64	ppb
Iron	57-2	5432.94	5487.53	5444.59	5455.02	0.53	ppb
Iron	54-2	5517.16	5537.15	5494.38	5516.23	0.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 17:41:45	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.47	3.45	3.40	3.44	1.08	ppb
Lead	207-1	3.54	3.42	3.37	3.44	2.55	ppb
Lead	208-1	3.46	3.40	3.40	3.42	1.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	1003.60	1016.60	1006.91	1009.03	0.67	ppb
Manganese	55-2	139.31	141.35	140.11	140.26	0.74	ppb
Molybdenum	94-1	1.06	1.06	1.05	1.06	0.78	ppb
Molybdenum	95-1	0.14	0.13	0.13	0.13	4.69	ppb
Molybdenum	96-1	0.26	0.27	0.29	0.27	5.05	ppb
Molybdenum	97-1	0.14	0.14	0.11	0.13	12.51	ppb
Molybdenum	98-1	0.13	0.13	0.12	0.13	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.65	5.63	5.67	5.65	0.32	ppb
Phosphorus	31-2	90.81	87.30	89.37	89.16	1.98	ppb
Potassium	39-2	414.84	416.56	413.60	415.00	0.36	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.37	-0.12	0.11	0.12	199.86	ppb
Selenium	77-2	0.75	1.77	0.99	1.17	45.59	ppb
Selenium	78-2	0.12	0.20	-0.25	0.02	1006.99	ppb
Silicon	28-1	34.79	34.08	35.60	34.82	2.19	ppb
Silver	107-1	0.04	0.03	0.03	0.03	13.81	ppb
Silver	109-1	0.03	0.03	0.04	0.03	8.40	ppb
Sodium	23-2	22.35	21.75	20.98	21.69	3.16	ppb
Strontium	86-1	3.90	3.89	3.91	3.90	0.17	ppb
Strontium	88-1	3.98	3.91	4.06	3.98	1.90	ppb
Sulfur	34-1	-1206.26	-1257.57	-1187.81	-1217.21		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.02	0.03	0.02	11.52	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	4.75	ppb
Tin	118-1	0.26	0.22	0.23	0.24	8.32	ppb
Titanium	47-1	44.89	43.78	44.67	44.45	1.31	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 17:41:45	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	1.03	ppb
Vanadium	51-2	10.41	10.55	10.30	10.42	1.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	15.12	15.27	14.89	15.09	1.28	ppb
Zirconium	90-1	0.56	0.57	0.55	0.56	1.87	ppb
Zirconium	91-1	0.55	0.58	0.56	0.56	2.61	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:45:01	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9052.86	9105.34	9904.33	9354.18	5.10	ppb
Antimony	121-1	14.01	14.24	13.99	14.08	1.00	ppb
Arsenic	75-2	39.23	38.42	40.79	39.48	3.05	ppb
Barium	135-1	358.63	365.07	366.74	363.48	1.18	ppb
Barium	137-1	389.75	400.26	410.46	400.16	2.59	ppb
Beryllium	9-1	7.60	7.74	7.67	7.67	0.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.70	7.44	6.96	7.03	5.31	ppb
Cadmium	106-1	5.91	5.76	5.51	5.72	3.54	ppb
Cadmium	111-1	7.09	7.30	7.19	7.19	1.42	ppb
Calcium	43-1	2094.49	2071.38	2167.15	2111.01	2.37	ppb
Calcium	44-1	2111.70	2125.22	2192.22	2143.05	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.09	54.10	59.25	56.15	4.87	ppb
Cobalt	59-2	87.64	85.05	93.16	88.62	4.67	ppb
Copper	63-2	102.00	100.73	110.85	104.53	5.27	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				111		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	26567.77	26215.61	28925.38	27236.25	5.41	ppb
Iron	57-2	26583.49	26531.60	28947.45	27354.18	5.05	ppb
Iron	54-2	26785.41	26020.26	28922.25	27242.64	5.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:45:01	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.04	19.87	20.20	19.70	3.02	ppb
Lead	207-1	19.11	19.50	19.90	19.50	2.02	ppb
Lead	208-1	19.01	19.57	19.87	19.48	2.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	4802.63	4885.59	5195.48	4961.24	4.17	ppb
Manganese	55-2	762.93	750.29	833.68	782.30	5.75	ppb
Molybdenum	94-1	4.78	4.90	4.92	4.87	1.55	ppb
Molybdenum	95-1	0.36	0.40	0.38	0.38	4.24	ppb
Molybdenum	96-1	1.05	1.05	1.02	1.04	1.74	ppb
Molybdenum	97-1	0.40	0.41	0.34	0.39	9.43	ppb
Molybdenum	98-1	0.38	0.39	0.36	0.38	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.57	102.29	111.47	106.11	4.50	ppb
Phosphorus	31-2	483.36	524.93	553.26	520.52	6.76	ppb
Potassium	39-2	2064.05	2027.64	2211.26	2100.98	4.63	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	15.11	16.14	17.02	16.09	5.92	ppb
Selenium	77-2	17.50	17.97	25.01	20.16	20.87	ppb
Selenium	78-2	16.88	18.26	18.29	17.81	4.51	ppb
Silicon	28-1	163.42	191.46	169.07	174.65	8.49	ppb
Silver	107-1	5.80	5.96	6.06	5.94	2.21	ppb
Silver	109-1	5.83	5.96	5.96	5.92	1.29	ppb
Sodium	23-2	43.80	44.70	49.94	46.14	7.19	ppb
Strontium	86-1	18.86	19.34	19.37	19.19	1.50	ppb
Strontium	88-1	18.72	19.30	19.38	19.13	1.87	ppb
Sulfur	34-1	-1260.54	-1334.32	-1205.01	-1266.62		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	5.75	5.81	6.05	5.87	2.68	ppb
Thallium	205-1	5.76	5.81	6.02	5.86	2.35	ppb
Tin	118-1	0.68	0.72	0.69	0.69	3.30	ppb
Titanium	47-1	216.69	216.56	224.81	219.36	2.15	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:45:01	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.27	0.27	2.62	ppb
Vanadium	51-2	124.96	122.84	134.60	127.47	4.92	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	143.17	142.49	152.39	146.02	3.79	ppb
Zirconium	90-1	2.58	2.71	2.69	2.66	2.65	ppb
Zirconium	91-1	2.61	2.71	2.80	2.71	3.62	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:48:09	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9751.89	9593.79	9725.24	9690.30	0.87	ppb
Antimony	121-1	64.37	66.33	64.81	65.17	1.58	ppb
Arsenic	75-2	57.62	57.97	57.17	57.58	0.69	ppb
Barium	135-1	1351.23	1384.07	1361.31	1365.54	1.23	ppb
Barium	137-1	1368.70	1391.15	1374.46	1378.10	0.85	ppb
Beryllium	9-1	33.35	33.83	33.64	33.61	0.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.24	30.77	30.57	30.19	2.75	ppb
Cadmium	106-1	29.49	28.99	28.13	28.87	2.38	ppb
Cadmium	111-1	31.87	31.95	31.90	31.91	0.13	ppb
Calcium	43-1	2052.33	2002.59	2050.78	2035.24	1.39	ppb
Calcium	44-1	2079.95	2087.29	2080.00	2082.41	0.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161.97	162.46	162.17	162.20	0.15	ppb
Cobalt	59-2	365.94	362.06	360.19	362.73	0.81	ppb
Copper	63-2	224.63	224.55	224.41	224.53	0.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	25978.45	25889.66	25763.08	25877.07	0.42	ppb
Iron	57-2	25767.57	26025.12	25829.30	25874.00	0.52	ppb
Iron	54-2	26165.32	26339.61	26073.32	26192.75	0.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:48:09	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.14	27.99	27.78	27.64	1.61	ppb
Lead	207-1	26.90	27.66	27.81	27.45	1.78	ppb
Lead	208-1	26.97	27.62	27.72	27.43	1.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	4608.23	4645.34	4676.30	4643.29	0.73	ppb
Manganese	55-2	1005.56	997.02	995.35	999.31	0.55	ppb
Molybdenum	94-1	4.58	4.67	4.63	4.63	0.96	ppb
Molybdenum	95-1	0.39	0.35	0.38	0.37	6.48	ppb
Molybdenum	96-1	1.03	0.98	1.03	1.01	3.01	ppb
Molybdenum	97-1	0.37	0.38	0.39	0.38	2.80	ppb
Molybdenum	98-1	0.36	0.36	0.38	0.37	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	378.04	382.28	379.79	380.04	0.56	ppb
Phosphorus	31-2	523.36	511.74	537.16	524.09	2.43	ppb
Potassium	39-2	2017.40	2014.47	2027.79	2019.89	0.35	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	70.88	71.66	71.81	71.45	0.70	ppb
Selenium	77-2	77.57	76.59	80.61	78.26	2.68	ppb
Selenium	78-2	74.88	72.34	73.54	73.59	1.73	ppb
Silicon	28-1	159.00	158.04	159.36	158.80	0.43	ppb
Silver	107-1	26.63	27.22	26.85	26.90	1.12	ppb
Silver	109-1	26.81	27.51	27.07	27.13	1.31	ppb
Sodium	23-2	45.51	44.87	44.47	44.95	1.17	ppb
Strontium	86-1	18.43	18.67	18.27	18.45	1.09	ppb
Strontium	88-1	18.45	18.43	18.53	18.47	0.29	ppb
Sulfur	34-1	-1199.28	-1252.39	-1260.91	-1237.53		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	26.63	27.00	27.52	27.05	1.66	ppb
Thallium	205-1	26.47	27.21	27.10	26.93	1.48	ppb
Tin	118-1	0.66	0.68	0.66	0.67	1.78	ppb
Titanium	47-1	210.15	212.18	210.72	211.02	0.50	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:48:09	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.26	0.25	0.26	1.75	ppb
Vanadium	51-2	387.53	388.97	386.26	387.59	0.35	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	400.51	402.15	402.80	401.82	0.29	ppb
Zirconium	90-1	2.50	2.49	2.53	2.51	0.82	ppb
Zirconium	91-1	2.56	2.53	2.60	2.57	1.42	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-01	Instrumnet Name :	P7
Client Sample ID :	MYE4T2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:51:16	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41804.62	41678.18	42478.28	41987.03	1.02	ppb
Antimony	121-1	3.99	4.13	3.95	4.02	2.37	ppb
Arsenic	75-2	232.77	241.58	239.51	237.95	1.93	ppb
Barium	135-1	621.32	632.09	620.51	624.64	1.03	ppb
Barium	137-1	620.58	635.16	624.60	626.78	1.20	ppb
Beryllium	9-1	1.81	1.76	1.95	1.84	5.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.74	4.80	4.20	4.58	7.20	ppb
Cadmium	106-1	4.93	5.11	4.99	5.01	1.84	ppb
Cadmium	111-1	3.62	3.53	3.58	3.58	1.21	ppb
Calcium	43-1	9511.87	9587.78	9691.50	9597.05	0.94	ppb
Calcium	44-1	9016.82	9089.61	9191.68	9099.37	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.98	100.16	101.45	100.86	0.65	ppb
Cobalt	59-2	61.07	61.38	61.02	61.16	0.32	ppb
Copper	63-2	457.29	456.10	461.57	458.32	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	119950.38	119638.55	119346.11	119645.01	0.25	ppb
Iron	57-2	119421.52	117688.13	119109.28	118739.64	0.78	ppb
Iron	54-2	119859.06	119660.82	119343.33	119621.07	0.22	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-01	Instrumnet Name :	P7
Client Sample ID :	MYE4T2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:51:16	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	111.86	113.67	114.94	113.49	1.36	ppb
Lead	207-1	111.69	112.09	113.81	112.53	1.00	ppb
Lead	208-1	120.94	121.73	123.44	122.04	1.05	ppb
Lithium	6-1				96		%
Magnesium	24-2	22833.80	22493.30	22582.77	22636.62	0.78	ppb
Manganese	55-2	2713.42	2735.73	2728.05	2725.73	0.42	ppb
Molybdenum	94-1	23.68	23.74	23.58	23.67	0.35	ppb
Molybdenum	95-1	1.41	1.36	1.41	1.39	2.27	ppb
Molybdenum	96-1	4.62	4.71	4.59	4.64	1.32	ppb
Molybdenum	97-1	1.27	1.37	1.46	1.37	6.93	ppb
Molybdenum	98-1	1.29	1.34	1.33	1.32	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.41	118.60	119.11	119.04	0.34	ppb
Phosphorus	31-2	2292.63	2335.60	2317.80	2315.34	0.93	ppb
Potassium	39-2	8737.22	8703.95	8680.50	8707.23	0.33	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	82-1	1.34	1.06	0.64	1.01	34.53	ppb
Selenium	77-2	18.59	26.90	21.53	22.34	18.87	ppb
Selenium	78-2	4.55	5.42	5.65	5.21	11.12	ppb
Silicon	28-1	628.38	623.48	633.54	628.47	0.80	ppb
Silver	107-1	0.95	0.90	0.85	0.90	5.42	ppb
Silver	109-1	0.96	0.87	0.91	0.91	4.60	ppb
Sodium	23-2	160.80	160.83	162.75	161.46	0.69	ppb
Strontium	86-1	91.48	92.44	91.91	91.94	0.52	ppb
Strontium	88-1	95.02	95.53	94.85	95.14	0.37	ppb
Sulfur	34-1	-1180.05	-1198.65	-1207.65	-1195.45		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.53	0.54	0.55	0.54	2.26	ppb
Thallium	205-1	0.52	0.54	0.54	0.54	2.18	ppb
Tin	118-1	2.79	2.75	2.91	2.82	2.91	ppb
Titanium	47-1	909.75	917.04	922.57	916.45	0.70	ppb

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-01	Instrumnet Name :	P7
Client Sample ID :	MYE4T2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:51:16	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.27	1.27	1.26	0.27	ppb
Vanadium	51-2	224.89	225.49	226.40	225.60	0.34	ppb
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	392.74	390.50	392.67	391.97	0.32	ppb
Zirconium	90-1	13.35	13.33	13.39	13.36	0.21	ppb
Zirconium	91-1	13.36	13.55	13.70	13.54	1.24	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-02	Instrumnet Name :	P7
Client Sample ID :	MYE4T3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:54:17	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31343.51	31471.29	31444.64	31419.81	0.21	ppb
Antimony	121-1	3.99	4.08	4.06	4.05	1.13	ppb
Arsenic	75-2	197.77	197.46	194.64	196.62	0.88	ppb
Barium	135-1	411.75	420.07	418.88	416.90	1.08	ppb
Barium	137-1	451.60	464.04	459.23	458.29	1.37	ppb
Beryllium	9-1	1.59	1.47	1.50	1.52	3.84	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.00	3.91	3.46	3.79	7.76	ppb
Cadmium	106-1	3.81	3.23	2.99	3.34	12.68	ppb
Cadmium	111-1	2.53	2.59	2.48	2.53	2.00	ppb
Calcium	43-1	6774.01	6859.10	6989.71	6874.28	1.58	ppb
Calcium	44-1	6458.45	6532.84	6591.15	6527.48	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.95	89.33	89.72	89.33	0.43	ppb
Cobalt	59-2	51.21	51.91	51.62	51.58	0.69	ppb
Copper	63-2	381.37	380.95	378.79	380.37	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				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	105085.93	104608.78	105448.44	105047.72	0.40	ppb
Iron	57-2	103755.00	104440.46	103074.27	103756.57	0.66	ppb
Iron	54-2	103616.47	105260.36	105144.80	104673.88	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-02	Instrumnet Name :	P7
Client Sample ID :	MYE4T3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:54:17	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.49	94.87	94.01	94.46	0.46	ppb
Lead	207-1	93.88	94.83	94.31	94.34	0.50	ppb
Lead	208-1	102.54	102.76	102.38	102.56	0.18	ppb
Lithium	6-1				94		%
Magnesium	24-2	16939.39	17152.25	17118.98	17070.21	0.67	ppb
Manganese	55-2	2326.80	2365.09	2360.62	2350.84	0.89	ppb
Molybdenum	94-1	23.18	23.49	23.65	23.44	1.01	ppb
Molybdenum	95-1	1.38	1.43	1.45	1.42	2.48	ppb
Molybdenum	96-1	4.46	4.48	4.59	4.51	1.53	ppb
Molybdenum	97-1	1.39	1.42	1.38	1.39	1.54	ppb
Molybdenum	98-1	1.39	1.31	1.39	1.36	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.89	104.69	106.16	105.58	0.74	ppb
Phosphorus	31-2	1816.37	1798.91	1842.90	1819.39	1.22	ppb
Potassium	39-2	6127.08	6208.57	6161.58	6165.74	0.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	1.19	1.58	1.19	1.32	17.34	ppb
Selenium	77-2	16.04	16.33	15.29	15.89	3.38	ppb
Selenium	78-2	4.61	4.20	4.09	4.30	6.38	ppb
Silicon	28-1	592.21	598.24	603.91	598.12	0.98	ppb
Silver	107-1	0.68	0.71	0.69	0.70	2.36	ppb
Silver	109-1	0.69	0.70	0.73	0.71	3.18	ppb
Sodium	23-2	143.08	144.89	145.02	144.33	0.75	ppb
Strontium	86-1	68.37	69.34	69.83	69.18	1.08	ppb
Strontium	88-1	71.44	71.23	71.12	71.26	0.23	ppb
Sulfur	34-1	-1172.86	-1203.89	-1199.08	-1191.94		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.47	0.46	0.42	0.45	6.77	ppb
Thallium	205-1	0.45	0.45	0.44	0.44	1.20	ppb
Tin	118-1	3.31	3.14	3.13	3.19	3.19	ppb
Titanium	47-1	869.69	877.89	886.25	877.95	0.94	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-02	Instrumnet Name :	P7
Client Sample ID :	MYE4T3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:54:17	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.13	1.11	1.11	1.09	ppb
Vanadium	51-2	193.66	196.11	195.11	194.96	0.63	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	299.46	303.90	302.33	301.90	0.75	ppb
Zirconium	90-1	13.05	13.20	13.32	13.19	1.02	ppb
Zirconium	91-1	13.19	13.13	13.45	13.26	1.30	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-03	Instrumnet Name :	P7
Client Sample ID :	MYE4T4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:57:24	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33122.50	33358.58	33201.00	33227.36	0.36	ppb
Antimony	121-1	3.73	3.49	3.45	3.56	4.20	ppb
Arsenic	75-2	150.91	153.20	152.51	152.21	0.77	ppb
Barium	135-1	662.23	625.15	631.67	639.68	3.10	ppb
Barium	137-1	671.07	651.66	633.58	652.10	2.88	ppb
Beryllium	9-1	1.51	1.37	1.47	1.45	5.15	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.02	3.99	3.60	3.87	6.05	ppb
Cadmium	106-1	4.15	2.82	3.29	3.42	19.62	ppb
Cadmium	111-1	2.76	2.62	2.63	2.67	2.88	ppb
Calcium	43-1	10267.23	9894.72	9687.27	9949.74	2.95	ppb
Calcium	44-1	9704.96	9378.57	9193.89	9425.81	2.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81.76	82.82	82.29	82.29	0.64	ppb
Cobalt	59-2	47.42	48.38	47.60	47.80	1.06	ppb
Copper	63-2	327.11	328.51	328.49	328.04	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	91744.17	92711.25	92313.81	92256.41	0.53	ppb
Iron	57-2	90853.07	91828.28	91562.56	91414.64	0.55	ppb
Iron	54-2	91127.66	92342.87	91976.89	91815.81	0.68	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-03	Instrumnet Name :	P7
Client Sample ID :	MYE4T4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:57:24	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.29	89.34	89.18	90.94	3.19	ppb
Lead	207-1	92.82	88.26	88.22	89.77	2.94	ppb
Lead	208-1	92.43	95.52	95.61	94.52	1.91	ppb
Lithium	6-1				90		%
Magnesium	24-2	20314.16	20334.64	20301.22	20316.67	0.08	ppb
Manganese	55-2	3213.12	3208.74	3204.93	3208.93	0.13	ppb
Molybdenum	94-1	23.55	22.89	22.52	22.99	2.26	ppb
Molybdenum	95-1	1.43	1.38	1.40	1.40	1.68	ppb
Molybdenum	96-1	4.44	4.25	4.26	4.32	2.46	ppb
Molybdenum	97-1	1.41	1.37	1.33	1.37	2.99	ppb
Molybdenum	98-1	1.40	1.31	1.30	1.34	4.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.71	115.39	114.10	113.73	1.64	ppb
Phosphorus	31-2	2545.18	2544.73	2488.37	2526.09	1.29	ppb
Potassium	39-2	5709.67	5803.77	5717.70	5743.72	0.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	82-1	0.97	0.91	1.09	0.99	9.11	ppb
Selenium	77-2	16.51	14.19	19.58	16.76	16.13	ppb
Selenium	78-2	3.66	5.12	4.05	4.28	17.66	ppb
Silicon	28-1	650.52	629.43	630.24	636.73	1.88	ppb
Silver	107-1	0.70	0.67	0.66	0.68	2.61	ppb
Silver	109-1	0.67	0.68	0.65	0.67	1.85	ppb
Sodium	23-2	134.53	138.15	136.28	136.32	1.33	ppb
Strontium	86-1	101.25	96.28	95.36	97.63	3.24	ppb
Strontium	88-1	103.65	100.40	98.23	100.76	2.71	ppb
Sulfur	34-1	-803.10	-1036.86	-1103.98	-981.31		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.52	0.51	0.51	0.51	0.91	ppb
Thallium	205-1	0.52	0.50	0.49	0.50	2.76	ppb
Tin	118-1	2.85	2.74	2.68	2.76	3.24	ppb
Titanium	47-1	756.28	724.87	713.73	731.63	3.02	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-03	Instrumnet Name :	P7
Client Sample ID :	MYE4T4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:57:24	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.08	1.03	1.07	3.15	ppb
Vanadium	51-2	179.44	180.81	179.34	179.86	0.46	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	310.98	317.78	315.81	314.85	1.11	ppb
Zirconium	90-1	13.44	12.85	12.69	13.00	3.05	ppb
Zirconium	91-1	13.51	12.95	12.74	13.07	3.04	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-04	Instrumnet Name :	P7
Client Sample ID :	MYE4T5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:00:28	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41231.16	41948.13	41656.40	41611.90	0.87	ppb
Antimony	121-1	3.07	3.12	3.14	3.11	1.01	ppb
Arsenic	75-2	163.30	164.49	165.35	164.38	0.63	ppb
Barium	135-1	637.99	656.73	647.21	647.31	1.45	ppb
Barium	137-1	634.86	648.41	649.26	644.17	1.25	ppb
Beryllium	9-1	1.75	1.67	1.75	1.72	2.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.38	4.50	4.63	4.50	2.74	ppb
Cadmium	106-1	4.55	6.32	5.12	5.33	16.94	ppb
Cadmium	111-1	3.26	3.43	3.20	3.30	3.56	ppb
Calcium	43-1	11453.62	11712.81	11530.60	11565.68	1.15	ppb
Calcium	44-1	10864.38	11123.52	10968.90	10985.60	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.47	103.50	104.66	103.54	1.06	ppb
Cobalt	59-2	57.16	58.09	57.31	57.52	0.87	ppb
Copper	63-2	493.77	501.93	506.34	500.68	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				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	108081.77	109994.04	110279.24	109451.68	1.09	ppb
Iron	57-2	107028.85	108576.92	108627.03	108077.60	0.84	ppb
Iron	54-2	107844.73	109222.86	109063.91	108710.50	0.69	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-04	Instrumnet Name :	P7
Client Sample ID :	MYE4T5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:00:28	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	107.68	110.25	111.22	109.71	1.67	ppb
Lead	207-1	107.36	111.31	111.96	110.21	2.26	ppb
Lead	208-1	116.38	120.24	120.08	118.90	1.83	ppb
Lithium	6-1				91		%
Magnesium	24-2	24515.20	24715.38	24799.30	24676.62	0.59	ppb
Manganese	55-2	2727.45	2781.90	2765.28	2758.21	1.01	ppb
Molybdenum	94-1	34.98	35.60	38.05	36.21	4.48	ppb
Molybdenum	95-1	1.18	1.23	1.22	1.21	2.10	ppb
Molybdenum	96-1	5.46	5.73	5.60	5.60	2.44	ppb
Molybdenum	97-1	1.15	1.13	1.17	1.15	1.57	ppb
Molybdenum	98-1	1.13	1.16	1.16	1.15	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.02	139.08	139.57	138.56	0.97	ppb
Phosphorus	31-2	2780.86	2890.41	2857.73	2843.00	1.98	ppb
Potassium	39-2	6218.45	6399.58	6374.88	6330.97	1.55	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	1.31	1.11	1.03	1.15	12.23	ppb
Selenium	77-2	20.62	22.89	21.74	21.75	5.20	ppb
Selenium	78-2	3.84	5.25	4.63	4.57	15.49	ppb
Silicon	28-1	730.70	747.94	737.88	738.84	1.17	ppb
Silver	107-1	0.87	0.89	0.89	0.89	1.25	ppb
Silver	109-1	0.89	0.89	0.84	0.88	3.45	ppb
Sodium	23-2	155.39	155.95	156.87	156.07	0.48	ppb
Strontium	86-1	110.48	113.26	112.81	112.18	1.33	ppb
Strontium	88-1	114.01	116.92	117.34	116.09	1.56	ppb
Sulfur	34-1	-1090.56	-1128.59	-1190.64	-1136.60		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.49	0.54	0.53	0.52	4.27	ppb
Thallium	205-1	0.52	0.52	0.53	0.53	1.60	ppb
Tin	118-1	2.91	3.09	3.00	3.00	2.95	ppb
Titanium	47-1	940.29	963.57	951.38	951.74	1.22	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-04	Instrumnet Name :	P7
Client Sample ID :	MYE4T5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:00:28	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.22	1.25	1.25	1.24	1.44	ppb
Vanadium	51-2	207.45	210.13	210.20	209.26	0.75	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	350.38	355.84	355.75	353.99	0.88	ppb
Zirconium	90-1	20.19	20.68	20.52	20.46	1.22	ppb
Zirconium	91-1	20.00	20.95	20.63	20.53	2.35	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-05	Instrumnet Name :	P7
Client Sample ID :	MYE4T6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:03:32	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33853.16	34560.91	34040.91	34151.66	1.07	ppb
Antimony	121-1	4.72	4.72	4.89	4.78	2.11	ppb
Arsenic	75-2	171.84	173.88	172.19	172.64	0.63	ppb
Barium	135-1	485.26	487.68	493.13	488.69	0.82	ppb
Barium	137-1	536.45	539.89	531.63	535.99	0.77	ppb
Beryllium	9-1	1.46	1.62	1.72	1.60	8.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.95	3.69	3.48	3.71	6.36	ppb
Cadmium	106-1	4.98	4.55	3.94	4.49	11.69	ppb
Cadmium	111-1	2.88	3.04	2.93	2.95	2.70	ppb
Calcium	43-1	7662.92	7786.71	7868.05	7772.56	1.33	ppb
Calcium	44-1	7271.80	7428.56	7543.60	7414.65	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.60	90.82	89.76	90.06	0.74	ppb
Cobalt	59-2	50.56	51.06	51.46	51.03	0.89	ppb
Copper	63-2	491.98	491.56	487.15	490.23	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				108		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	103331.72	106149.49	105815.70	105098.97	1.46	ppb
Iron	57-2	104021.49	103817.13	103607.80	103815.47	0.20	ppb
Iron	54-2	102400.76	104424.97	105703.10	104176.28	1.60	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-05	Instrumnet Name :	P7
Client Sample ID :	MYE4T6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:03:32	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	127.71	131.18	133.03	130.64	2.07	ppb
Lead	207-1	127.65	129.92	133.82	130.46	2.39	ppb
Lead	208-1	139.46	141.49	143.46	141.47	1.41	ppb
Lithium	6-1				90		%
Magnesium	24-2	19401.31	19570.21	19423.00	19464.84	0.47	ppb
Manganese	55-2	2532.84	2556.18	2574.90	2554.64	0.82	ppb
Molybdenum	94-1	26.13	26.31	26.67	26.37	1.04	ppb
Molybdenum	95-1	1.47	1.46	1.44	1.46	0.91	ppb
Molybdenum	96-1	4.73	4.80	4.73	4.75	0.79	ppb
Molybdenum	97-1	1.39	1.44	1.35	1.39	3.31	ppb
Molybdenum	98-1	1.33	1.40	1.38	1.37	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.24	110.19	110.86	109.76	1.24	ppb
Phosphorus	31-2	2083.89	2088.44	2116.09	2096.14	0.83	ppb
Potassium	39-2	6718.60	6826.01	6864.05	6802.88	1.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	1.33	1.13	0.99	1.15	14.93	ppb
Selenium	77-2	18.45	16.06	22.70	19.07	17.63	ppb
Selenium	78-2	4.84	4.48	3.59	4.31	14.92	ppb
Silicon	28-1	598.11	616.38	615.85	610.11	1.70	ppb
Silver	107-1	1.06	1.08	1.08	1.07	0.87	ppb
Silver	109-1	1.07	1.07	1.07	1.07	0.29	ppb
Sodium	23-2	147.44	151.73	152.07	150.41	1.72	ppb
Strontium	86-1	75.55	75.27	76.02	75.62	0.50	ppb
Strontium	88-1	78.39	78.44	77.91	78.25	0.37	ppb
Sulfur	34-1	-1286.57	-1274.13	-1308.14	-1289.61		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.50	0.49	0.52	0.50	3.96	ppb
Thallium	205-1	0.50	0.52	0.51	0.51	1.65	ppb
Tin	118-1	3.11	3.12	3.18	3.13	1.18	ppb
Titanium	47-1	935.82	955.69	973.60	955.04	1.98	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-05	Instrumnet Name :	P7
Client Sample ID :	MYE4T6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:03:32	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.18	1.23	1.19	2.95	ppb
Vanadium	51-2	193.29	196.99	196.38	195.55	1.01	ppb
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	333.88	338.60	339.53	337.34	0.90	ppb
Zirconium	90-1	14.92	14.84	15.07	14.94	0.78	ppb
Zirconium	91-1	14.89	14.88	15.22	15.00	1.31	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-06	Instrumnet Name :	P7
Client Sample ID :	MYE4T7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:06:35	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37175.90	36657.92	36674.06	36835.96	0.80	ppb
Antimony	121-1	2.11	2.15	2.14	2.13	0.96	ppb
Arsenic	75-2	126.46	125.44	126.37	126.09	0.45	ppb
Barium	135-1	429.70	438.01	435.66	434.46	0.99	ppb
Barium	137-1	472.17	482.40	488.36	480.98	1.70	ppb
Beryllium	9-1	1.34	1.43	1.60	1.46	8.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.64	2.11	2.06	2.27	14.24	ppb
Cadmium	106-1	2.16	2.06	1.64	1.95	14.18	ppb
Cadmium	111-1	1.28	1.23	1.30	1.27	3.06	ppb
Calcium	43-1	10683.85	11197.24	11091.22	10990.77	2.47	ppb
Calcium	44-1	10258.76	10484.14	10594.54	10445.81	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.46	84.78	84.46	84.56	0.22	ppb
Cobalt	59-2	47.94	48.21	47.82	47.99	0.42	ppb
Copper	63-2	193.77	192.23	192.01	192.67	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	96867.19	96851.64	96564.04	96760.95	0.18	ppb
Iron	57-2	95803.54	94989.78	94889.72	95227.68	0.53	ppb
Iron	54-2	96547.71	96680.91	95755.87	96328.16	0.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-06	Instrumnet Name :	P7
Client Sample ID :	MYE4T7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:06:35	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.57	53.60	55.73	54.30	2.28	ppb
Lead	207-1	52.28	52.85	54.44	53.19	2.10	ppb
Lead	208-1	52.46	53.15	54.70	53.44	2.15	ppb
Lithium	6-1				90		%
Magnesium	24-2	20525.95	20311.36	20180.28	20339.20	0.86	ppb
Manganese	55-2	2195.25	2170.88	2181.97	2182.70	0.56	ppb
Molybdenum	94-1	20.11	20.57	20.60	20.43	1.35	ppb
Molybdenum	95-1	1.07	1.15	1.12	1.11	3.78	ppb
Molybdenum	96-1	3.82	3.87	3.91	3.87	1.10	ppb
Molybdenum	97-1	1.09	1.13	1.20	1.14	5.03	ppb
Molybdenum	98-1	1.04	1.11	1.09	1.08	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.08	105.52	104.36	104.99	0.56	ppb
Phosphorus	31-2	2622.97	2601.76	2587.86	2604.19	0.68	ppb
Potassium	39-2	6135.11	6058.91	6019.04	6071.02	0.97	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	0.99	0.85	0.64	0.83	21.20	ppb
Selenium	77-2	14.12	16.36	18.49	16.33	13.39	ppb
Selenium	78-2	5.12	3.03	4.79	4.31	26.00	ppb
Silicon	28-1	704.53	725.38	720.12	716.68	1.51	ppb
Silver	107-1	0.33	0.33	0.34	0.33	1.84	ppb
Silver	109-1	0.33	0.32	0.33	0.33	1.49	ppb
Sodium	23-2	191.52	191.38	189.03	190.64	0.74	ppb
Strontium	86-1	73.77	74.91	74.82	74.50	0.85	ppb
Strontium	88-1	75.97	77.99	77.64	77.20	1.39	ppb
Sulfur	34-1	-1235.40	-1148.45	-1175.01	-1186.29		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.37	0.37	0.39	0.38	2.37	ppb
Thallium	205-1	0.35	0.38	0.38	0.37	4.59	ppb
Tin	118-1	2.77	2.90	2.88	2.85	2.44	ppb
Titanium	47-1	780.60	808.32	805.37	798.10	1.91	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-06	Instrumnet Name :	P7
Client Sample ID :	MYE4T7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:06:35	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.98	1.01	0.98	2.28	ppb
Vanadium	51-2	194.63	193.49	193.22	193.78	0.39	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	257.58	255.95	250.30	254.61	1.50	ppb
Zirconium	90-1	11.41	11.68	11.63	11.58	1.24	ppb
Zirconium	91-1	11.50	11.82	11.85	11.72	1.64	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:09:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33452.76	33545.48	33184.25	33394.16	0.56	ppb
Antimony	121-1	5.90	6.33	6.35	6.20	4.08	ppb
Arsenic	75-2	204.71	202.62	201.09	202.80	0.90	ppb
Barium	135-1	467.47	499.84	491.07	486.13	3.44	ppb
Barium	137-1	522.06	537.82	539.54	533.14	1.81	ppb
Beryllium	9-1	1.57	1.71	1.46	1.58	8.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.23	4.73	4.80	4.59	6.85	ppb
Cadmium	106-1	4.24	5.21	5.36	4.94	12.28	ppb
Cadmium	111-1	3.41	3.73	3.42	3.52	5.12	ppb
Calcium	43-1	7764.85	8180.36	7912.38	7952.53	2.65	ppb
Calcium	44-1	7398.09	7783.16	7402.91	7528.06	2.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.22	90.38	90.46	90.35	0.14	ppb
Cobalt	59-2	52.47	52.13	52.56	52.39	0.44	ppb
Copper	63-2	382.81	389.92	386.03	386.25	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	108405.97	109323.21	108806.14	108845.11	0.42	ppb
Iron	57-2	107861.19	107668.35	108162.15	107897.23	0.23	ppb
Iron	54-2	108546.40	109191.05	108748.47	108828.64	0.30	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:09:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.93	119.77	113.89	115.53	3.20	ppb
Lead	207-1	112.40	118.44	112.79	114.54	2.95	ppb
Lead	208-1	121.61	129.12	123.11	124.61	3.19	ppb
Lithium	6-1				89		%
Magnesium	24-2	19135.50	19311.50	19175.12	19207.37	0.48	ppb
Manganese	55-2	2425.77	2439.23	2405.26	2423.42	0.71	ppb
Molybdenum	94-1	27.29	29.28	27.94	28.17	3.61	ppb
Molybdenum	95-1	1.88	1.98	1.88	1.91	3.05	ppb
Molybdenum	96-1	5.24	5.76	5.50	5.50	4.76	ppb
Molybdenum	97-1	1.79	2.01	1.91	1.90	6.01	ppb
Molybdenum	98-1	1.79	1.91	1.80	1.83	3.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.15	114.25	113.21	113.87	0.51	ppb
Phosphorus	31-2	2162.80	2132.44	2175.18	2156.81	1.02	ppb
Potassium	39-2	6943.64	6881.22	6934.30	6919.72	0.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	82-1	1.33	1.22	1.21	1.25	5.48	ppb
Selenium	77-2	15.09	18.16	18.47	17.24	10.84	ppb
Selenium	78-2	4.92	5.96	6.29	5.72	12.52	ppb
Silicon	28-1	443.47	467.17	452.50	454.38	2.63	ppb
Silver	107-1	0.73	0.76	0.75	0.75	1.65	ppb
Silver	109-1	0.69	0.72	0.74	0.72	3.47	ppb
Sodium	23-2	142.22	142.74	141.56	142.17	0.41	ppb
Strontium	86-1	84.04	88.61	86.32	86.32	2.64	ppb
Strontium	88-1	85.63	91.70	89.09	88.81	3.43	ppb
Sulfur	34-1	-1138.60	-1014.83	-1090.51	-1081.31		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.58	0.64	0.58	0.60	6.19	ppb
Thallium	205-1	0.56	0.61	0.60	0.59	4.08	ppb
Tin	118-1	2.84	3.01	3.01	2.95	3.36	ppb
Titanium	47-1	932.34	975.50	953.29	953.71	2.26	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:09:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.21	1.12	1.16	4.14	ppb
Vanadium	51-2	209.94	210.50	209.25	209.90	0.30	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	352.32	353.85	354.65	353.61	0.33	ppb
Zirconium	90-1	15.38	16.26	15.86	15.84	2.78	ppb
Zirconium	91-1	15.33	16.37	15.66	15.78	3.36	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:12:47	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33149.83	33430.03	33300.80	33293.55	0.42	ppb
Antimony	121-1	5.78	6.13	5.93	5.95	2.96	ppb
Arsenic	75-2	198.67	194.15	193.07	195.30	1.52	ppb
Barium	135-1	461.32	483.75	477.32	474.13	2.44	ppb
Barium	137-1	514.97	532.74	517.52	521.75	1.84	ppb
Beryllium	9-1	1.52	1.70	1.50	1.57	7.17	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.00	4.62	4.33	4.32	7.28	ppb
Cadmium	106-1	4.76	5.13	4.62	4.84	5.44	ppb
Cadmium	111-1	3.19	3.64	3.26	3.36	7.24	ppb
Calcium	43-1	7567.81	8166.72	7811.53	7848.69	3.84	ppb
Calcium	44-1	7118.31	7628.45	7342.53	7363.09	3.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.34	90.93	91.00	90.76	0.40	ppb
Cobalt	59-2	52.65	52.74	52.57	52.66	0.17	ppb
Copper	63-2	382.77	387.50	364.15	378.14	3.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	109628.77	107907.14	107993.87	108509.93	0.89	ppb
Iron	57-2	107324.17	107401.11	106258.53	106994.60	0.60	ppb
Iron	54-2	108657.13	107909.37	107047.72	107871.41	0.75	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:12:47	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.16	118.19	111.79	113.05	4.11	ppb
Lead	207-1	108.64	117.12	111.49	112.42	3.84	ppb
Lead	208-1	118.18	125.43	120.67	121.42	3.03	ppb
Lithium	6-1				90		%
Magnesium	24-2	19246.12	19187.34	19082.90	19172.12	0.43	ppb
Manganese	55-2	2406.01	2381.20	2354.36	2380.53	1.09	ppb
Molybdenum	94-1	26.67	28.72	27.46	27.62	3.75	ppb
Molybdenum	95-1	1.78	1.94	1.79	1.84	4.81	ppb
Molybdenum	96-1	5.18	5.55	5.34	5.36	3.41	ppb
Molybdenum	97-1	1.86	1.91	1.71	1.83	5.57	ppb
Molybdenum	98-1	1.73	1.86	1.75	1.78	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.98	112.75	114.18	113.63	0.68	ppb
Phosphorus	31-2	2133.88	2167.69	2109.76	2137.11	1.36	ppb
Potassium	39-2	6834.28	6931.05	6914.73	6893.35	0.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.99	0.81	0.76	0.85	14.25	ppb
Selenium	77-2	17.09	20.39	21.73	19.74	12.09	ppb
Selenium	78-2	4.35	3.14	5.32	4.27	25.54	ppb
Silicon	28-1	437.99	466.17	453.26	452.47	3.12	ppb
Silver	107-1	0.72	0.74	0.75	0.74	2.57	ppb
Silver	109-1	0.69	0.76	0.76	0.74	5.80	ppb
Sodium	23-2	137.44	135.04	136.23	136.24	0.88	ppb
Strontium	86-1	81.32	87.70	83.39	84.14	3.87	ppb
Strontium	88-1	83.76	90.50	86.18	86.82	3.93	ppb
Sulfur	34-1	-1098.71	-947.02	-1079.04	-1041.59		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.56	0.62	0.58	0.59	5.35	ppb
Thallium	205-1	0.56	0.60	0.57	0.57	3.62	ppb
Tin	118-1	2.71	2.90	2.98	2.86	4.80	ppb
Titanium	47-1	898.75	958.55	928.49	928.59	3.22	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:12:47	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.17	1.14	1.14	2.35	ppb
Vanadium	51-2	209.27	207.65	206.72	207.88	0.62	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	356.67	356.74	353.32	355.58	0.55	ppb
Zirconium	90-1	15.04	16.16	15.27	15.49	3.82	ppb
Zirconium	91-1	15.25	16.30	15.48	15.68	3.54	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 18:15:54	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6926.45	6852.47	6865.89	6881.60	0.57	ppb
Antimony	121-1	1.18	1.12	1.16	1.15	2.74	ppb
Arsenic	75-2	41.48	40.21	40.94	40.88	1.56	ppb
Barium	135-1	94.40	89.78	91.44	91.87	2.55	ppb
Barium	137-1	94.83	89.90	93.13	92.62	2.70	ppb
Beryllium	9-1	0.35	0.29	0.27	0.30	14.06	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.65	0.74	0.90	0.76	17.10	ppb
Cadmium	106-1	-0.15	-0.14	-0.36	-0.22		ppb
Cadmium	111-1	0.63	0.64	0.57	0.61	6.68	ppb
Calcium	43-1	1572.52	1632.42	1606.66	1603.87	1.87	ppb
Calcium	44-1	1612.70	1628.11	1622.34	1621.05	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.67	18.58	18.60	18.62	0.23	ppb
Cobalt	59-2	10.87	10.87	10.61	10.79	1.38	ppb
Copper	63-2	76.22	76.47	76.40	76.37	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	22309.78	22311.77	22073.18	22231.58	0.62	ppb
Iron	57-2	21866.51	22049.05	22244.70	22053.42	0.86	ppb
Iron	54-2	22448.58	22423.37	22248.87	22373.61	0.49	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 18:15:54	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.63	21.47	21.84	21.98	2.70	ppb
Lead	207-1	22.62	21.57	21.51	21.90	2.84	ppb
Lead	208-1	22.63	21.36	21.55	21.85	3.13	ppb
Lithium	6-1				90		%
Magnesium	24-2	3898.84	3928.13	3949.55	3925.51	0.65	ppb
Manganese	55-2	493.47	495.56	492.61	493.88	0.31	ppb
Molybdenum	94-1	5.68	5.70	5.55	5.64	1.45	ppb
Molybdenum	95-1	0.41	0.43	0.38	0.41	5.46	ppb
Molybdenum	96-1	1.10	1.15	1.07	1.11	3.74	ppb
Molybdenum	97-1	0.43	0.42	0.43	0.43	2.42	ppb
Molybdenum	98-1	0.42	0.37	0.39	0.39	6.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.56	23.68	23.26	23.50	0.91	ppb
Phosphorus	31-2	446.07	423.87	396.66	422.20	5.86	ppb
Potassium	39-2	1489.32	1498.90	1490.69	1492.97	0.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	0.44	-0.04	0.69	0.37	101.68	ppb
Selenium	77-2	3.64	5.00	4.74	4.46	16.26	ppb
Selenium	78-2	1.66	0.96	1.20	1.28	28.03	ppb
Silicon	28-1	92.37	93.93	95.71	94.00	1.78	ppb
Silver	107-1	0.15	0.13	0.15	0.15	6.72	ppb
Silver	109-1	0.15	0.15	0.14	0.15	3.83	ppb
Sodium	23-2	36.13	35.69	36.52	36.11	1.16	ppb
Strontium	86-1	17.45	17.23	16.97	17.21	1.39	ppb
Strontium	88-1	17.40	17.18	17.14	17.24	0.80	ppb
Sulfur	34-1	-947.85	-962.55	-1002.61	-971.00		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.12	0.10	0.11	7.50	ppb
Thallium	205-1	0.12	0.11	0.12	0.12	2.87	ppb
Tin	118-1	0.64	0.57	0.60	0.60	5.78	ppb
Titanium	47-1	189.04	191.30	190.94	190.43	0.64	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 18:15:54	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.21	0.21	0.22	3.74	ppb
Vanadium	51-2	42.19	42.27	42.60	42.36	0.51	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	74.46	73.41	73.35	73.74	0.84	ppb
Zirconium	90-1	3.19	3.16	3.14	3.16	0.80	ppb
Zirconium	91-1	3.23	3.13	3.07	3.14	2.65	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:19:04	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34429.78	34685.22	34367.07	34494.03	0.49	ppb
Antimony	121-1	56.90	58.19	57.86	57.65	1.16	ppb
Arsenic	75-2	221.82	217.68	221.74	220.41	1.08	ppb
Barium	135-1	1554.02	1609.99	1594.64	1586.21	1.82	ppb
Barium	137-1	1599.31	1605.74	1604.00	1603.02	0.21	ppb
Beryllium	9-1	29.50	28.88	29.79	29.39	1.58	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.19	29.71	31.33	29.74	5.29	ppb
Cadmium	106-1	28.14	29.48	28.55	28.73	2.39	ppb
Cadmium	111-1	29.55	30.13	30.11	29.93	1.11	ppb
Calcium	43-1	7665.30	7806.62	7811.84	7761.25	1.07	ppb
Calcium	44-1	7285.94	7429.54	7453.61	7389.69	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.13	207.80	205.01	205.98	0.77	ppb
Cobalt	59-2	345.50	344.02	343.97	344.50	0.25	ppb
Copper	63-2	522.10	534.45	525.31	527.28	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				110		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	109788.05	110475.56	109278.35	109847.32	0.55	ppb
Iron	57-2	109059.65	110023.77	108213.78	109099.06	0.83	ppb
Iron	54-2	109402.54	110565.21	108727.70	109565.15	0.85	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:19:04	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	121.67	123.60	122.80	122.69	0.79	ppb
Lead	207-1	120.76	122.07	122.36	121.73	0.70	ppb
Lead	208-1	131.40	132.01	132.60	132.01	0.46	ppb
Lithium	6-1				93		%
Magnesium	24-2	19180.09	19373.71	19144.35	19232.72	0.64	ppb
Manganese	55-2	2675.66	2684.05	2641.42	2667.04	0.85	ppb
Molybdenum	94-1	28.25	28.49	28.87	28.54	1.08	ppb
Molybdenum	95-1	1.82	1.76	1.78	1.79	1.54	ppb
Molybdenum	96-1	5.29	5.38	5.46	5.38	1.62	ppb
Molybdenum	97-1	1.83	1.80	1.83	1.82	1.08	ppb
Molybdenum	98-1	1.74	1.74	1.79	1.76	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	403.80	406.29	404.50	404.86	0.32	ppb
Phosphorus	31-2	2106.55	2199.97	2102.73	2136.42	2.58	ppb
Potassium	39-2	6831.89	6945.29	6909.56	6895.58	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	54.48	56.65	57.34	56.16	2.66	ppb
Selenium	77-2	72.25	78.28	78.62	76.39	4.69	ppb
Selenium	78-2	61.96	60.76	61.75	61.49	1.05	ppb
Silicon	28-1	508.71	517.38	519.80	515.29	1.13	ppb
Silver	107-1	22.83	23.29	23.43	23.18	1.35	ppb
Silver	109-1	22.79	23.54	23.63	23.32	1.98	ppb
Sodium	23-2	134.15	135.35	135.88	135.13	0.65	ppb
Strontium	86-1	84.03	83.92	85.59	84.51	1.10	ppb
Strontium	88-1	85.37	85.87	88.56	86.60	1.98	ppb
Sulfur	34-1	-1027.19	-1097.33	-1084.78	-1069.77		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	23.68	24.06	24.06	23.93	0.90	ppb
Thallium	205-1	23.55	24.04	23.98	23.86	1.13	ppb
Tin	118-1	2.79	2.84	2.82	2.82	0.78	ppb
Titanium	47-1	930.21	951.64	950.96	944.27	1.29	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:19:04	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.15	1.14	1.13	2.08	ppb
Vanadium	51-2	495.38	484.60	484.47	488.15	1.28	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	623.93	634.30	630.67	629.63	0.84	ppb
Zirconium	90-1	15.75	15.92	16.28	15.98	1.67	ppb
Zirconium	91-1	16.01	16.02	16.56	16.20	1.94	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:22:07	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37588.02	37056.50	37714.33	37452.95	0.93	ppb
Antimony	121-1	266.01	276.90	271.60	271.50	2.00	ppb
Arsenic	75-2	294.23	298.44	296.93	296.53	0.72	ppb
Barium	135-1	5489.27	5716.05	5628.55	5611.29	2.04	ppb
Barium	137-1	5519.51	5782.48	5700.99	5667.66	2.38	ppb
Beryllium	9-1	135.67	141.01	136.18	137.62	2.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	116.90	124.28	121.37	120.85	3.08	ppb
Cadmium	106-1	117.09	125.12	119.30	120.50	3.44	ppb
Cadmium	111-1	126.52	133.22	131.13	130.29	2.63	ppb
Calcium	43-1	7407.57	7734.66	7595.25	7579.16	2.17	ppb
Calcium	44-1	7076.50	7388.50	7165.65	7210.22	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	643.52	636.36	641.71	640.53	0.58	ppb
Cobalt	59-2	1442.11	1441.73	1440.25	1441.36	0.07	ppb
Copper	63-2	1046.30	1038.39	1030.18	1038.29	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				108		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	109701.88	109707.06	109444.31	109617.75	0.14	ppb
Iron	57-2	108815.59	108371.05	108433.47	108540.04	0.22	ppb
Iron	54-2	109648.91	109515.00	109762.19	109642.03	0.11	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:22:07	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	153.66	160.64	152.81	155.70	2.76	ppb
Lead	207-1	152.21	159.20	151.40	154.27	2.78	ppb
Lead	208-1	164.90	171.69	164.46	167.02	2.43	ppb
Lithium	6-1				90		%
Magnesium	24-2	18917.66	18672.45	19006.35	18865.49	0.92	ppb
Manganese	55-2	3664.44	3688.34	3681.45	3678.07	0.33	ppb
Molybdenum	94-1	27.32	28.67	28.00	28.00	2.42	ppb
Molybdenum	95-1	1.77	1.77	1.72	1.75	1.57	ppb
Molybdenum	96-1	5.16	5.42	5.25	5.28	2.56	ppb
Molybdenum	97-1	1.75	1.80	1.80	1.78	1.52	ppb
Molybdenum	98-1	1.69	1.78	1.74	1.74	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1593.57	1577.04	1590.83	1587.15	0.56	ppb
Phosphorus	31-2	2130.91	2134.09	2078.81	2114.60	1.47	ppb
Potassium	39-2	6703.28	6728.65	6727.33	6719.75	0.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	276.18	283.90	277.77	279.28	1.46	ppb
Selenium	77-2	311.76	293.37	294.28	299.80	3.46	ppb
Selenium	78-2	292.37	299.89	284.65	292.30	2.61	ppb
Silicon	28-1	500.96	522.52	506.15	509.87	2.21	ppb
Silver	107-1	102.91	109.06	105.82	105.93	2.90	ppb
Silver	109-1	106.19	108.21	106.90	107.10	0.96	ppb
Sodium	23-2	135.38	131.68	135.02	134.02	1.52	ppb
Strontium	86-1	80.16	83.78	81.66	81.87	2.22	ppb
Strontium	88-1	83.16	85.53	84.29	84.33	1.41	ppb
Sulfur	34-1	-996.41	-935.34	-1083.92	-1005.22		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	113.44	118.44	113.00	114.96	2.63	ppb
Thallium	205-1	133.43	137.93	130.37	133.91	2.84	ppb
Tin	118-1	2.76	2.80	2.77	2.77	0.80	ppb
Titanium	47-1	907.72	948.47	921.04	925.75	2.24	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:22:07	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.16	1.09	1.12	3.83	ppb
Vanadium	51-2	1534.09	1539.79	1549.12	1541.00	0.49	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	1670.83	1660.01	1666.89	1665.91	0.33	ppb
Zirconium	90-1	15.46	16.15	15.78	15.79	2.18	ppb
Zirconium	91-1	15.60	16.19	15.80	15.86	1.88	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-10	Instrumnet Name :	P7
Client Sample ID :	MYE4T9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:25:02	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36131.71	36150.34	35932.97	36071.67	0.33	ppb
Antimony	121-1	3.63	3.87	3.77	3.76	3.31	ppb
Arsenic	75-2	180.31	183.15	178.76	180.74	1.23	ppb
Barium	135-1	465.59	486.13	485.25	478.99	2.42	ppb
Barium	137-1	513.24	527.32	531.02	523.86	1.79	ppb
Beryllium	9-1	1.53	1.57	1.57	1.55	1.39	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.11	3.78	3.75	3.88	5.05	ppb
Cadmium	106-1	4.41	3.57	3.83	3.94	10.89	ppb
Cadmium	111-1	2.59	2.69	2.67	2.65	2.10	ppb
Calcium	43-1	8156.65	8221.93	8444.64	8274.41	1.82	ppb
Calcium	44-1	7798.93	7838.44	8025.45	7887.61	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.03	97.04	97.34	97.47	0.52	ppb
Cobalt	59-2	51.67	51.45	51.30	51.47	0.36	ppb
Copper	63-2	400.80	402.81	379.25	394.29	3.31	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				109		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	108995.76	108790.32	107850.02	108545.36	0.56	ppb
Iron	57-2	108864.14	106717.41	107183.86	107588.47	1.05	ppb
Iron	54-2	108364.56	107917.65	108689.91	108324.04	0.36	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-10	Instrumnet Name :	P7
Client Sample ID :	MYE4T9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:25:02	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	95.86	96.25	100.37	97.49	2.56	ppb
Lead	207-1	95.40	95.25	99.87	96.84	2.71	ppb
Lead	208-1	102.67	103.43	107.38	104.49	2.42	ppb
Lithium	6-1				92		%
Magnesium	24-2	20256.19	20326.57	19936.41	20173.06	1.03	ppb
Manganese	55-2	2693.94	2666.09	2641.18	2667.07	0.99	ppb
Molybdenum	94-1	26.06	26.58	26.85	26.50	1.53	ppb
Molybdenum	95-1	1.31	1.33	1.36	1.33	1.86	ppb
Molybdenum	96-1	4.79	4.83	4.77	4.80	0.70	ppb
Molybdenum	97-1	1.27	1.31	1.29	1.29	1.85	ppb
Molybdenum	98-1	1.27	1.27	1.28	1.28	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.04	114.74	115.19	115.32	0.57	ppb
Phosphorus	31-2	2098.34	2074.26	2092.20	2088.27	0.60	ppb
Potassium	39-2	7001.12	6954.65	7005.05	6986.94	0.40	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	0.89	0.90	0.65	0.82	17.07	ppb
Selenium	77-2	26.23	20.29	20.18	22.23	15.57	ppb
Selenium	78-2	3.37	5.57	3.84	4.26	27.24	ppb
Silicon	28-1	670.12	673.35	694.85	679.44	1.98	ppb
Silver	107-1	0.84	0.84	0.81	0.83	2.33	ppb
Silver	109-1	0.87	0.82	0.79	0.83	5.11	ppb
Sodium	23-2	143.02	144.40	143.95	143.79	0.49	ppb
Strontium	86-1	79.26	79.50	80.38	79.71	0.73	ppb
Strontium	88-1	80.29	81.89	83.49	81.89	1.95	ppb
Sulfur	34-1	-975.52	-1035.85	-1021.98	-1011.11		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.67	0.68	0.71	0.69	2.64	ppb
Thallium	205-1	0.67	0.68	0.70	0.68	2.21	ppb
Tin	118-1	2.67	2.77	2.74	2.73	1.88	ppb
Titanium	47-1	966.71	973.58	999.83	980.04	1.78	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-10	Instrumnet Name :	P7
Client Sample ID :	MYE4T9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:25:02	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.17	1.22	1.18	2.95	ppb
Vanadium	51-2	206.55	203.60	204.09	204.75	0.77	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	325.90	324.19	321.98	324.02	0.61	ppb
Zirconium	90-1	14.85	15.10	15.30	15.08	1.49	ppb
Zirconium	91-1	14.93	15.04	15.27	15.08	1.17	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-11	Instrumnet Name :	P7
Client Sample ID :	MYE4W8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:28:08	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35955.23	35993.41	35554.24	35834.29	0.68	ppb
Antimony	121-1	1.23	1.30	1.35	1.29	4.49	ppb
Arsenic	75-2	115.30	111.61	112.34	113.08	1.73	ppb
Barium	135-1	381.56	392.58	397.99	390.71	2.14	ppb
Barium	137-1	421.10	430.16	433.61	428.29	1.51	ppb
Beryllium	9-1	1.36	1.36	1.46	1.39	3.98	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.20	2.18	2.19	2.19	0.48	ppb
Cadmium	106-1	2.23	1.61	1.76	1.86	17.23	ppb
Cadmium	111-1	1.15	1.16	1.24	1.18	4.05	ppb
Calcium	43-1	14568.62	15067.69	14939.59	14858.63	1.74	ppb
Calcium	44-1	13925.71	14267.76	14058.86	14084.11	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.57	80.00	80.74	80.44	0.49	ppb
Cobalt	59-2	44.23	44.08	44.06	44.12	0.20	ppb
Copper	63-2	171.50	170.37	169.55	170.48	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				109		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	90662.74	90652.42	90215.46	90510.21	0.28	ppb
Iron	57-2	90800.87	89154.63	89762.77	89906.09	0.93	ppb
Iron	54-2	91433.35	90564.86	91156.29	91051.50	0.49	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-11	Instrumnet Name :	P7
Client Sample ID :	MYE4W8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:28:08	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.42	45.75	45.62	45.26	1.61	ppb
Lead	207-1	43.47	45.12	44.74	44.45	1.94	ppb
Lead	208-1	43.87	45.06	44.70	44.54	1.37	ppb
Lithium	6-1				91		%
Magnesium	24-2	19023.36	18798.71	18875.63	18899.23	0.60	ppb
Manganese	55-2	1796.12	1817.44	1781.21	1798.26	1.01	ppb
Molybdenum	94-1	19.89	20.11	20.73	20.24	2.13	ppb
Molybdenum	95-1	0.82	0.81	0.80	0.81	1.33	ppb
Molybdenum	96-1	3.53	3.51	3.52	3.52	0.27	ppb
Molybdenum	97-1	0.72	0.76	0.78	0.75	3.87	ppb
Molybdenum	98-1	0.77	0.76	0.77	0.77	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.74	93.06	92.89	93.56	1.10	ppb
Phosphorus	31-2	2278.97	2197.21	2227.98	2234.72	1.85	ppb
Potassium	39-2	5150.59	5120.16	5137.23	5135.99	0.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	0.78	0.79	0.20	0.59	56.52	ppb
Selenium	77-2	17.30	18.70	16.82	17.61	5.53	ppb
Selenium	78-2	3.25	2.51	3.96	3.24	22.41	ppb
Silicon	28-1	960.92	985.92	977.00	974.61	1.30	ppb
Silver	107-1	0.28	0.28	0.30	0.29	3.45	ppb
Silver	109-1	0.28	0.28	0.28	0.28	0.62	ppb
Sodium	23-2	193.59	191.75	192.79	192.71	0.48	ppb
Strontium	86-1	68.11	69.12	70.61	69.28	1.81	ppb
Strontium	88-1	70.58	71.25	72.17	71.34	1.12	ppb
Sulfur	34-1	-1008.62	-1020.21	-1083.48	-1037.44		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.34	0.36	0.35	0.35	2.62	ppb
Thallium	205-1	0.35	0.35	0.36	0.35	2.34	ppb
Tin	118-1	2.36	2.46	2.54	2.45	3.51	ppb
Titanium	47-1	743.88	767.46	765.01	758.78	1.71	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-11	Instrumnet Name :	P7
Client Sample ID :	MYE4W8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:28:08	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.99	0.98	0.98	1.23	ppb
Vanadium	51-2	190.25	189.69	189.08	189.67	0.31	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	209.64	207.99	210.28	209.30	0.57	ppb
Zirconium	90-1	11.45	11.69	11.79	11.65	1.50	ppb
Zirconium	91-1	11.48	11.74	11.79	11.67	1.45	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-12	Instrumnet Name :	P7
Client Sample ID :	MYE4W9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:31:14	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38192.18	37901.25	37973.55	38022.33	0.40	ppb
Antimony	121-1	2.95	2.99	3.02	2.99	1.10	ppb
Arsenic	75-2	143.04	145.12	142.94	143.70	0.85	ppb
Barium	135-1	505.84	513.96	511.32	510.37	0.81	ppb
Barium	137-1	558.23	562.44	559.10	559.92	0.40	ppb
Beryllium	9-1	1.56	1.62	1.55	1.58	2.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.16	3.41	3.13	3.23	4.67	ppb
Cadmium	106-1	3.40	3.70	3.92	3.67	7.04	ppb
Cadmium	111-1	2.43	2.46	2.47	2.45	0.77	ppb
Calcium	43-1	9022.27	9192.81	9178.69	9131.26	1.04	ppb
Calcium	44-1	8651.67	8746.18	8679.78	8692.54	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.47	95.01	94.64	94.71	0.29	ppb
Cobalt	59-2	55.67	55.76	55.17	55.54	0.58	ppb
Copper	63-2	340.43	341.97	339.07	340.49	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				107		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	109543.50	109570.69	108824.91	109313.03	0.39	ppb
Iron	57-2	107748.53	107266.48	107310.13	107441.71	0.25	ppb
Iron	54-2	109258.85	108198.81	108094.59	108517.42	0.59	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-12	Instrumnet Name :	P7
Client Sample ID :	MYE4W9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:31:14	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	89.30	90.77	90.48	90.18	0.86	ppb
Lead	207-1	89.45	89.14	88.83	89.14	0.35	ppb
Lead	208-1	96.79	96.76	97.95	97.17	0.70	ppb
Lithium	6-1				89		%
Magnesium	24-2	21300.65	21202.93	21097.60	21200.39	0.48	ppb
Manganese	55-2	2500.39	2517.20	2486.70	2501.43	0.61	ppb
Molybdenum	94-1	25.70	26.02	26.15	25.96	0.89	ppb
Molybdenum	95-1	1.18	1.25	1.23	1.22	2.85	ppb
Molybdenum	96-1	4.60	4.50	4.61	4.57	1.37	ppb
Molybdenum	97-1	1.19	1.15	1.27	1.20	5.16	ppb
Molybdenum	98-1	1.17	1.20	1.19	1.19	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.54	123.32	121.82	122.89	0.76	ppb
Phosphorus	31-2	2388.68	2399.36	2352.74	2380.26	1.03	ppb
Potassium	39-2	6724.54	6741.87	6673.08	6713.16	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	1.05	0.62	0.61	0.76	33.04	ppb
Selenium	77-2	14.36	15.64	15.27	15.09	4.38	ppb
Selenium	78-2	5.33	4.97	3.46	4.59	21.61	ppb
Silicon	28-1	591.48	600.27	600.89	597.55	0.88	ppb
Silver	107-1	0.59	0.61	0.59	0.60	1.98	ppb
Silver	109-1	0.59	0.59	0.60	0.59	1.01	ppb
Sodium	23-2	123.20	124.01	124.93	124.05	0.70	ppb
Strontium	86-1	78.32	80.76	80.10	79.73	1.58	ppb
Strontium	88-1	80.54	82.83	81.90	81.76	1.41	ppb
Sulfur	34-1	-1127.44	-1036.87	-1096.59	-1086.97		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.48	0.47	0.51	0.49	4.33	ppb
Thallium	205-1	0.47	0.48	0.49	0.48	2.22	ppb
Tin	118-1	2.57	2.67	2.71	2.65	2.74	ppb
Titanium	47-1	884.92	900.16	894.04	893.04	0.86	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-12	Instrumnet Name :	P7
Client Sample ID :	MYE4W9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:31:14	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.16	1.17	1.16	1.31	ppb
Vanadium	51-2	214.20	214.67	213.29	214.05	0.33	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	331.98	333.76	328.26	331.33	0.85	ppb
Zirconium	90-1	14.56	15.09	14.86	14.84	1.79	ppb
Zirconium	91-1	14.56	15.13	14.92	14.87	1.93	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-13	Instrumnet Name :	P7
Client Sample ID :	MYE4X0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:34:22	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36716.84	36448.88	37269.27	36811.67	1.14	ppb
Antimony	121-1	4.54	4.62	4.65	4.60	1.27	ppb
Arsenic	75-2	246.28	242.40	245.55	244.75	0.84	ppb
Barium	135-1	451.61	459.92	464.06	458.53	1.38	ppb
Barium	137-1	500.91	505.21	510.79	505.64	0.98	ppb
Beryllium	9-1	1.84	1.71	1.76	1.77	3.74	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.85	4.66	4.62	4.71	2.64	ppb
Cadmium	106-1	4.20	4.03	4.22	4.15	2.52	ppb
Cadmium	111-1	3.46	3.49	3.46	3.47	0.47	ppb
Calcium	43-1	7654.70	7805.12	7826.01	7761.95	1.20	ppb
Calcium	44-1	7281.37	7437.07	7400.72	7373.05	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.66	100.01	100.72	100.80	0.82	ppb
Cobalt	59-2	57.72	56.42	57.76	57.30	1.33	ppb
Copper	63-2	412.35	410.36	421.89	414.87	1.49	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				107		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	125848.38	123489.49	125549.95	124962.61	1.03	ppb
Iron	57-2	124640.04	123224.79	124593.05	124152.63	0.65	ppb
Iron	54-2	125339.43	123191.63	125296.07	124609.04	0.99	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-13	Instrumnet Name :	P7
Client Sample ID :	MYE4X0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:34:22	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	124.07	125.60	125.32	124.99	0.65	ppb
Lead	207-1	123.45	125.88	124.43	124.59	0.98	ppb
Lead	208-1	132.74	134.92	134.62	134.09	0.88	ppb
Lithium	6-1				87		%
Magnesium	24-2	21612.29	21547.06	21657.52	21605.62	0.26	ppb
Manganese	55-2	2492.57	2416.52	2475.82	2461.64	1.62	ppb
Molybdenum	94-1	25.69	26.04	26.22	25.99	1.03	ppb
Molybdenum	95-1	1.64	1.57	1.67	1.63	3.03	ppb
Molybdenum	96-1	4.97	5.05	5.12	5.05	1.51	ppb
Molybdenum	97-1	1.63	1.58	1.62	1.61	1.55	ppb
Molybdenum	98-1	1.56	1.59	1.60	1.58	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.27	119.41	121.29	120.65	0.89	ppb
Phosphorus	31-2	2192.32	2193.27	2189.63	2191.74	0.09	ppb
Potassium	39-2	6304.07	6190.40	6276.39	6256.95	0.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.95	1.65	0.56	1.05	52.58	ppb
Selenium	77-2	19.53	21.48	19.58	20.20	5.51	ppb
Selenium	78-2	3.34	4.80	3.56	3.90	20.09	ppb
Silicon	28-1	508.80	512.64	518.14	513.19	0.91	ppb
Silver	107-1	0.96	0.96	1.01	0.98	2.80	ppb
Silver	109-1	0.97	0.99	1.03	0.99	3.11	ppb
Sodium	23-2	142.70	140.32	142.50	141.84	0.93	ppb
Strontium	86-1	67.80	68.24	68.84	68.29	0.76	ppb
Strontium	88-1	70.00	70.25	71.22	70.49	0.91	ppb
Sulfur	34-1	-1150.05	-1173.41	-1141.61	-1155.02		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.53	0.53	0.55	0.54	1.69	ppb
Thallium	205-1	0.53	0.55	0.53	0.54	1.64	ppb
Tin	118-1	3.77	3.79	3.76	3.77	0.42	ppb
Titanium	47-1	867.45	879.99	888.33	878.59	1.20	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-13	Instrumnet Name :	P7
Client Sample ID :	MYE4X0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:34:22	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.22	1.21	1.20	1.68	ppb
Vanadium	51-2	247.31	243.56	246.86	245.91	0.83	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	404.56	397.90	407.22	403.23	1.19	ppb
Zirconium	90-1	14.44	14.47	14.81	14.57	1.40	ppb
Zirconium	91-1	14.47	14.69	14.66	14.60	0.83	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-14	Instrumnet Name :	P7
Client Sample ID :	MYE4X1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:37:25	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34958.41	34269.94	34500.34	34576.23	1.01	ppb
Antimony	121-1	1.63	1.67	1.64	1.65	1.13	ppb
Arsenic	75-2	153.22	153.75	152.02	153.00	0.58	ppb
Barium	135-1	483.11	487.93	489.94	486.99	0.72	ppb
Barium	137-1	536.83	543.63	539.67	540.04	0.63	ppb
Beryllium	9-1	1.70	1.66	1.69	1.68	1.00	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.05	3.28	3.26	3.20	4.09	ppb
Cadmium	106-1	3.07	2.94	1.74	2.58	28.35	ppb
Cadmium	111-1	2.83	2.88	2.73	2.81	2.64	ppb
Calcium	43-1	8152.26	8194.17	8338.33	8228.25	1.19	ppb
Calcium	44-1	7690.25	7814.92	7965.86	7823.68	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.10	89.27	89.67	90.01	1.07	ppb
Cobalt	59-2	59.90	58.76	59.23	59.30	0.96	ppb
Copper	63-2	505.02	498.16	508.03	503.74	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				108		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	98285.12	96725.06	97717.51	97575.90	0.81	ppb
Iron	57-2	97898.58	96500.59	96305.07	96901.41	0.90	ppb
Iron	54-2	98098.35	96960.47	97203.00	97420.61	0.62	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-14	Instrumnet Name :	P7
Client Sample ID :	MYE4X1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:37:25	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.31	111.69	113.17	111.39	1.75	ppb
Lead	207-1	110.06	111.40	112.48	111.32	1.09	ppb
Lead	208-1	119.01	120.06	121.41	120.16	1.00	ppb
Lithium	6-1				88		%
Magnesium	24-2	18577.25	18233.66	18418.16	18409.69	0.93	ppb
Manganese	55-2	3096.65	3048.43	3078.25	3074.44	0.79	ppb
Molybdenum	94-1	12.40	12.37	12.94	12.57	2.56	ppb
Molybdenum	95-1	0.94	0.99	1.00	0.98	3.11	ppb
Molybdenum	96-1	2.82	2.85	2.93	2.87	1.88	ppb
Molybdenum	97-1	0.99	0.99	0.97	0.98	1.15	ppb
Molybdenum	98-1	0.91	0.94	0.94	0.93	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.40	108.86	108.07	108.78	0.61	ppb
Phosphorus	31-2	1611.06	1569.20	1594.25	1591.50	1.32	ppb
Potassium	39-2	7478.04	7303.55	7484.21	7421.93	1.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	0.78	0.28	0.94	0.67	51.29	ppb
Selenium	77-2	19.00	15.02	19.09	17.71	13.12	ppb
Selenium	78-2	5.20	4.74	4.31	4.75	9.36	ppb
Silicon	28-1	941.17	943.11	961.93	948.74	1.21	ppb
Silver	107-1	1.03	0.99	1.03	1.02	2.18	ppb
Silver	109-1	1.03	1.04	1.02	1.03	1.42	ppb
Sodium	23-2	126.65	125.17	125.93	125.92	0.59	ppb
Strontium	86-1	61.20	61.48	61.13	61.27	0.31	ppb
Strontium	88-1	62.46	63.00	64.28	63.25	1.48	ppb
Sulfur	34-1	-1187.92	-1251.29	-1213.96	-1217.73		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.48	0.50	0.49	0.49	2.34	ppb
Thallium	205-1	0.47	0.48	0.50	0.48	3.22	ppb
Tin	118-1	2.56	2.59	2.65	2.60	1.73	ppb
Titanium	47-1	769.92	774.07	791.27	778.42	1.45	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-14	Instrumnet Name :	P7
Client Sample ID :	MYE4X1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:37:25	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.06	1.09	1.07	1.08	ppb
Vanadium	51-2	208.73	205.62	207.32	207.22	0.75	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	320.04	313.19	312.06	315.10	1.37	ppb
Zirconium	90-1	6.82	7.03	6.92	6.92	1.47	ppb
Zirconium	91-1	6.94	7.24	7.08	7.09	2.14	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-15	Instrumnet Name :	P7
Client Sample ID :	MYE4X2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:40:31	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36423.46	36667.25	36519.92	36536.88	0.34	ppb
Antimony	121-1	1.44	1.46	1.48	1.46	1.42	ppb
Arsenic	75-2	118.32	118.00	119.49	118.60	0.66	ppb
Barium	135-1	454.74	464.27	473.53	464.18	2.02	ppb
Barium	137-1	501.28	510.07	519.44	510.26	1.78	ppb
Beryllium	9-1	1.63	1.56	1.52	1.57	3.60	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.22	2.80	2.78	2.60	12.78	ppb
Cadmium	106-1	2.40	2.04	2.41	2.29	9.26	ppb
Cadmium	111-1	2.05	2.05	2.14	2.08	2.41	ppb
Calcium	43-1	9137.49	9448.48	9494.69	9360.22	2.08	ppb
Calcium	44-1	8651.18	8986.46	8967.59	8868.41	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.63	94.05	93.48	93.72	0.32	ppb
Cobalt	59-2	50.12	51.04	50.07	50.41	1.08	ppb
Copper	63-2	287.32	290.77	289.26	289.12	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	94189.71	94448.94	93992.63	94210.42	0.24	ppb
Iron	57-2	92924.49	95035.45	93316.28	93758.74	1.20	ppb
Iron	54-2	93501.74	94975.25	93482.95	93986.65	0.91	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-15	Instrumnet Name :	P7
Client Sample ID :	MYE4X2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:40:31	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	78.29	78.99	80.33	79.20	1.31	ppb
Lead	207-1	77.41	78.57	79.19	78.39	1.15	ppb
Lead	208-1	77.08	78.88	79.06	78.34	1.40	ppb
Lithium	6-1				87		%
Magnesium	24-2	20072.71	20237.52	20123.91	20144.72	0.42	ppb
Manganese	55-2	2568.30	2574.82	2573.54	2572.22	0.13	ppb
Molybdenum	94-1	12.07	12.48	12.58	12.38	2.15	ppb
Molybdenum	95-1	0.90	0.97	1.00	0.96	5.45	ppb
Molybdenum	96-1	2.79	2.94	2.92	2.88	2.74	ppb
Molybdenum	97-1	0.95	0.97	0.97	0.96	1.08	ppb
Molybdenum	98-1	0.91	0.94	0.92	0.92	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.17	105.61	105.74	105.51	0.28	ppb
Phosphorus	31-2	1718.62	1722.35	1697.27	1712.74	0.79	ppb
Potassium	39-2	5804.09	5826.42	5823.34	5817.95	0.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	1.03	1.14	0.79	0.99	18.04	ppb
Selenium	77-2	15.19	14.14	13.74	14.36	5.20	ppb
Selenium	78-2	3.04	2.40	4.12	3.19	27.39	ppb
Silicon	28-1	620.98	641.59	649.81	637.46	2.33	ppb
Silver	107-1	0.58	0.59	0.64	0.60	4.84	ppb
Silver	109-1	0.58	0.58	0.61	0.59	2.52	ppb
Sodium	23-2	101.96	103.16	102.26	102.46	0.61	ppb
Strontium	86-1	62.31	64.75	64.64	63.90	2.15	ppb
Strontium	88-1	65.52	66.41	66.93	66.28	1.08	ppb
Sulfur	34-1	-1067.09	-1046.34	-1104.81	-1072.75		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.38	0.39	0.35	0.37	4.99	ppb
Thallium	205-1	0.36	0.37	0.38	0.37	2.74	ppb
Tin	118-1	2.30	2.37	2.35	2.34	1.51	ppb
Titanium	47-1	604.80	623.29	621.20	616.43	1.64	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-15	Instrumnet Name :	P7
Client Sample ID :	MYE4X2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:40:31	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.91	0.89	2.42	ppb
Vanadium	51-2	194.67	197.10	195.62	195.80	0.63	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	359.53	364.30	361.15	361.66	0.67	ppb
Zirconium	90-1	6.71	6.91	6.89	6.83	1.60	ppb
Zirconium	91-1	6.71	6.97	7.05	6.91	2.62	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-16	Instrumnet Name :	P7
Client Sample ID :	MYE4X3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:43:37	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34965.14	35356.12	35526.18	35282.48	0.82	ppb
Antimony	121-1	2.61	2.64	2.63	2.63	0.52	ppb
Arsenic	75-2	152.34	149.21	151.96	151.17	1.13	ppb
Barium	135-1	404.96	412.73	411.44	409.71	1.02	ppb
Barium	137-1	449.05	451.40	452.21	450.89	0.36	ppb
Beryllium	9-1	1.74	1.97	1.82	1.84	6.29	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.28	2.51	2.05	2.28	10.18	ppb
Cadmium	106-1	1.36	2.54	1.44	1.78	36.76	ppb
Cadmium	111-1	1.81	1.96	1.91	1.89	4.06	ppb
Calcium	43-1	8028.01	8225.64	8368.89	8207.52	2.09	ppb
Calcium	44-1	7690.51	7873.70	7971.30	7845.17	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.58	102.06	103.12	102.25	0.77	ppb
Cobalt	59-2	55.07	55.54	55.94	55.52	0.78	ppb
Copper	63-2	293.78	297.74	299.36	296.96	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				109		%
Holmium	165-2				109		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	111761.19	113414.41	114171.41	113115.67	1.09	ppb
Iron	57-2	111247.58	111728.49	112589.71	111855.26	0.61	ppb
Iron	54-2	110963.53	113127.61	114273.99	112788.37	1.49	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-16	Instrumnet Name :	P7
Client Sample ID :	MYE4X3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:43:37	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	66.50	67.57	67.04	67.04	0.80	ppb
Lead	207-1	66.34	66.17	66.17	66.23	0.14	ppb
Lead	208-1	66.16	66.76	66.16	66.36	0.53	ppb
Lithium	6-1				88		%
Magnesium	24-2	16996.21	17249.53	17552.45	17266.07	1.61	ppb
Manganese	55-2	2468.65	2511.48	2519.26	2499.79	1.09	ppb
Molybdenum	94-1	13.67	13.73	13.77	13.72	0.39	ppb
Molybdenum	95-1	1.28	1.29	1.28	1.28	0.56	ppb
Molybdenum	96-1	3.44	3.51	3.48	3.48	0.99	ppb
Molybdenum	97-1	1.33	1.31	1.27	1.30	2.35	ppb
Molybdenum	98-1	1.19	1.24	1.28	1.24	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.55	107.00	107.43	106.66	0.92	ppb
Phosphorus	31-2	1606.25	1700.15	1699.10	1668.50	3.23	ppb
Potassium	39-2	7719.26	7724.24	7770.70	7738.07	0.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	1.16	0.96	1.14	1.08	10.13	ppb
Selenium	77-2	16.41	13.60	16.37	15.46	10.42	ppb
Selenium	78-2	4.83	3.80	3.91	4.18	13.50	ppb
Silicon	28-1	723.11	745.08	748.34	738.84	1.86	ppb
Silver	107-1	0.50	0.52	0.51	0.51	2.09	ppb
Silver	109-1	0.52	0.52	0.52	0.52	0.38	ppb
Sodium	23-2	112.09	113.46	115.25	113.60	1.40	ppb
Strontium	86-1	62.45	62.64	62.81	62.63	0.28	ppb
Strontium	88-1	64.58	64.46	64.26	64.44	0.25	ppb
Sulfur	34-1	-1161.96	-1125.60	-1120.48	-1136.01		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.48	0.49	0.45	0.47	4.30	ppb
Thallium	205-1	0.46	0.48	0.46	0.47	2.99	ppb
Tin	118-1	2.64	2.74	2.73	2.71	1.93	ppb
Titanium	47-1	835.45	854.44	863.84	851.24	1.70	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-16	Instrumnet Name :	P7
Client Sample ID :	MYE4X3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:43:37	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.18	1.19	1.19	0.54	ppb
Vanadium	51-2	232.05	235.56	236.79	234.80	1.05	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	326.40	333.57	334.88	331.61	1.38	ppb
Zirconium	90-1	7.32	7.51	7.47	7.43	1.34	ppb
Zirconium	91-1	7.38	7.67	7.71	7.59	2.40	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-17	Instrumnet Name :	P7
Client Sample ID :	MYE4X4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:46:44	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43532.88	43619.36	43424.69	43525.64	0.22	ppb
Antimony	121-1	2.75	2.86	2.78	2.80	2.13	ppb
Arsenic	75-2	194.11	195.25	196.29	195.22	0.56	ppb
Barium	135-1	666.39	678.25	684.17	676.27	1.34	ppb
Barium	137-1	681.88	680.68	680.24	680.93	0.12	ppb
Beryllium	9-1	1.93	2.08	1.87	1.96	5.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.83	3.55	3.17	3.52	9.41	ppb
Cadmium	106-1	3.49	3.18	3.29	3.32	4.69	ppb
Cadmium	111-1	2.20	2.28	2.32	2.27	2.70	ppb
Calcium	43-1	9354.56	9752.11	9623.17	9576.61	2.12	ppb
Calcium	44-1	8993.51	9237.69	9096.12	9109.11	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.94	129.69	131.18	130.94	0.87	ppb
Cobalt	59-2	67.19	66.70	67.09	66.99	0.39	ppb
Copper	63-2	342.94	340.29	342.74	341.99	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	132323.44	130931.63	131947.64	131734.24	0.55	ppb
Iron	57-2	130621.94	130698.65	130205.98	130508.85	0.20	ppb
Iron	54-2	131685.59	130472.56	131298.54	131152.23	0.47	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-17	Instrumnet Name :	P7
Client Sample ID :	MYE4X4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:46:44	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	81.92	82.72	83.08	82.57	0.72	ppb
Lead	207-1	80.94	80.82	82.20	81.32	0.94	ppb
Lead	208-1	81.03	81.58	82.26	81.62	0.75	ppb
Lithium	6-1				87		%
Magnesium	24-2	23776.92	23844.96	23717.94	23779.94	0.27	ppb
Manganese	55-2	2946.71	2929.08	2950.98	2942.26	0.39	ppb
Molybdenum	94-1	26.07	26.27	26.44	26.26	0.70	ppb
Molybdenum	95-1	1.34	1.32	1.31	1.33	1.16	ppb
Molybdenum	96-1	5.00	4.88	4.89	4.92	1.26	ppb
Molybdenum	97-1	1.31	1.29	1.29	1.30	0.68	ppb
Molybdenum	98-1	1.24	1.24	1.27	1.25	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	151.00	150.01	151.64	150.89	0.54	ppb
Phosphorus	31-2	2185.16	2201.09	2190.31	2192.19	0.37	ppb
Potassium	39-2	7689.79	7617.40	7684.04	7663.74	0.52	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	1.56	0.95	1.15	1.22	25.62	ppb
Selenium	77-2	20.38	16.99	23.70	20.36	16.48	ppb
Selenium	78-2	5.37	4.44	5.46	5.09	11.12	ppb
Silicon	28-1	567.61	580.74	581.52	576.62	1.36	ppb
Silver	107-1	0.56	0.56	0.56	0.56	0.80	ppb
Silver	109-1	0.56	0.56	0.55	0.56	0.78	ppb
Sodium	23-2	129.62	128.49	130.00	129.37	0.61	ppb
Strontium	86-1	98.23	99.36	98.98	98.86	0.58	ppb
Strontium	88-1	100.61	101.54	103.07	101.74	1.22	ppb
Sulfur	34-1	-1155.29	-1122.96	-1158.86	-1145.70		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.61	0.62	0.62	0.62	0.67	ppb
Thallium	205-1	0.62	0.62	0.63	0.62	0.69	ppb
Tin	118-1	2.71	2.74	2.70	2.72	0.62	ppb
Titanium	47-1	966.42	989.05	970.53	975.34	1.24	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-17	Instrumnet Name :	P7
Client Sample ID :	MYE4X4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:46:44	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.33	1.34	1.33	1.33	0.19	ppb
Vanadium	51-2	261.20	258.57	259.94	259.90	0.51	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	316.19	315.22	316.86	316.09	0.26	ppb
Zirconium	90-1	14.77	14.87	15.06	14.90	0.98	ppb
Zirconium	91-1	14.62	14.93	15.15	14.90	1.80	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-18	Instrumnet Name :	P7
Client Sample ID :	MYE4X5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:49:48	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34249.81	39878.12	35847.93	36658.62	7.91	ppb
Antimony	121-1	3.51	3.72	3.66	3.63	2.99	ppb
Arsenic	75-2	209.83	237.03	217.68	221.51	6.32	ppb
Barium	135-1	448.82	469.25	465.18	461.08	2.35	ppb
Barium	137-1	499.98	509.19	514.58	507.92	1.45	ppb
Beryllium	9-1	1.65	1.66	1.83	1.71	5.87	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.14	3.57	3.63	3.78	8.27	ppb
Cadmium	106-1	3.76	3.67	3.16	3.53	9.25	ppb
Cadmium	111-1	3.10	3.38	3.13	3.20	4.90	ppb
Calcium	43-1	6859.13	7073.01	7056.35	6996.16	1.70	ppb
Calcium	44-1	6565.42	6762.03	6685.69	6671.05	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.76	122.67	110.85	113.43	7.29	ppb
Cobalt	59-2	60.72	70.01	62.84	64.53	7.54	ppb
Copper	63-2	474.02	538.74	489.19	500.65	6.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	134147.35	152691.42	139404.07	142080.95	6.73	ppb
Iron	57-2	133319.01	152689.56	138330.17	141446.25	7.11	ppb
Iron	54-2	133070.84	151727.85	138643.72	141147.47	6.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-18	Instrumnet Name :	P7
Client Sample ID :	MYE4X5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:49:48	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	151.15	156.64	156.52	154.77	2.03	ppb
Lead	207-1	150.60	155.53	157.84	154.66	2.39	ppb
Lead	208-1	165.04	168.82	170.08	167.98	1.56	ppb
Lithium	6-1				89		%
Magnesium	24-2	17955.91	20455.54	18634.82	19015.42	6.80	ppb
Manganese	55-2	3580.21	4065.11	3720.38	3788.57	6.59	ppb
Molybdenum	94-1	19.95	20.27	20.49	20.24	1.33	ppb
Molybdenum	95-1	1.37	1.43	1.43	1.41	2.31	ppb
Molybdenum	96-1	4.37	4.37	4.43	4.39	0.81	ppb
Molybdenum	97-1	1.36	1.41	1.44	1.40	2.86	ppb
Molybdenum	98-1	1.34	1.33	1.38	1.35	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.60	125.99	114.46	116.69	7.22	ppb
Phosphorus	31-2	1976.01	2315.44	2052.87	2114.77	8.42	ppb
Potassium	39-2	7426.82	8546.37	7680.18	7884.46	7.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.98	1.16	0.79	0.98	18.93	ppb
Selenium	77-2	14.53	15.27	18.87	16.22	14.30	ppb
Selenium	78-2	4.07	5.89	3.53	4.50	27.44	ppb
Silicon	28-1	823.65	840.33	835.26	833.08	1.03	ppb
Silver	107-1	0.97	1.00	1.00	0.99	1.87	ppb
Silver	109-1	0.99	0.99	0.98	0.99	0.30	ppb
Sodium	23-2	122.39	146.68	128.83	132.63	9.49	ppb
Strontium	86-1	59.42	61.00	61.25	60.56	1.64	ppb
Strontium	88-1	61.78	63.07	64.44	63.10	2.11	ppb
Sulfur	34-1	-1145.09	-1141.07	-1156.62	-1147.60		ppb
Terbium	159-1				110		%
Terbium	159-2				97		%
Thallium	203-1	0.54	0.56	0.56	0.55	2.56	ppb
Thallium	205-1	0.54	0.57	0.57	0.56	2.98	ppb
Tin	118-1	2.45	2.59	2.57	2.54	3.02	ppb
Titanium	47-1	917.09	945.85	944.71	935.88	1.74	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-18	Instrumnet Name :	P7
Client Sample ID :	MYE4X5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:49:48	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.14	1.10	1.10	2.91	ppb
Vanadium	51-2	265.51	302.83	275.94	281.42	6.84	ppb
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	367.31	422.21	377.40	388.97	7.51	ppb
Zirconium	90-1	11.04	11.41	11.49	11.31	2.15	ppb
Zirconium	91-1	11.20	11.49	11.41	11.37	1.31	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:52:54	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46998.05	47752.38	47491.72	47414.05	0.81	ppb
Antimony	121-1	455.03	451.13	460.48	455.54	1.03	ppb
Arsenic	75-2	509.05	511.95	521.15	514.05	1.23	ppb
Barium	135-1	2319.02	2296.70	2294.46	2303.39	0.59	ppb
Barium	137-1	2334.32	2306.05	2320.56	2320.31	0.61	ppb
Beryllium	9-1	465.73	480.75	468.07	471.52	1.71	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	474.24	474.40	478.11	475.58	0.46	ppb
Cadmium	106-1	470.07	475.01	477.61	474.23	0.81	ppb
Cadmium	111-1	455.50	454.21	455.57	455.09	0.17	ppb
Calcium	43-1	247520.01	245018.41	246903.42	246480.61	0.53	ppb
Calcium	44-1	247611.06	244808.69	247037.57	246485.77	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.43	499.50	501.48	497.47	1.07	ppb
Cobalt	59-2	530.50	530.38	528.31	529.73	0.23	ppb
Copper	63-2	4972.01	4992.57	4980.72	4981.77	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				113		%
Holmium	165-2				110		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	126446.61	127312.99	126303.28	126687.63	0.43	ppb
Iron	57-2	126210.96	128051.28	126953.51	127071.92	0.73	ppb
Iron	54-2	127522.12	127040.70	127539.96	127367.59	0.22	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:52:54	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2345.01	2365.27	2389.68	2366.65	0.94	ppb
Lead	207-1	2354.48	2323.25	2359.15	2345.63	0.83	ppb
Lead	208-1	2345.18	2340.25	2372.41	2352.61	0.74	ppb
Lithium	6-1				93		%
Magnesium	24-2	238529.84	239857.26	240265.21	239550.77	0.38	ppb
Manganese	55-2	4894.37	4944.64	4894.67	4911.23	0.59	ppb
Molybdenum	94-1	4663.29	4661.04	4637.90	4654.08	0.30	ppb
Molybdenum	95-1	4675.31	4621.61	4613.60	4636.84	0.72	ppb
Molybdenum	96-1	4679.18	4624.75	4597.44	4633.79	0.90	ppb
Molybdenum	97-1	4666.83	4664.44	4590.51	4640.59	0.93	ppb
Molybdenum	98-1	4642.34	4640.03	4593.40	4625.26	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.58	518.50	516.87	516.32	0.49	ppb
Phosphorus	31-2	9635.31	9578.17	9605.56	9606.35	0.30	ppb
Potassium	39-2	119355.73	120461.31	119523.20	119780.08	0.50	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	469.45	471.94	466.07	469.15	0.63	ppb
Selenium	77-2	498.93	491.21	501.12	497.09	1.05	ppb
Selenium	78-2	491.88	492.58	503.83	496.10	1.35	ppb
Silicon	28-1	1442.53	1427.29	1452.97	1440.93	0.90	ppb
Silver	107-1	476.06	471.84	479.83	475.91	0.84	ppb
Silver	109-1	477.43	473.17	473.67	474.76	0.49	ppb
Sodium	23-2	239142.65	239334.10	240217.39	239564.71	0.24	ppb
Strontium	86-1	11471.91	11541.50	11478.05	11497.15	0.34	ppb
Strontium	88-1	11387.62	11513.82	11480.17	11460.54	0.57	ppb
Sulfur	34-1	8469.90	8311.49	8501.94	8427.78	1.21	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	470.84	466.36	473.99	470.40	0.82	ppb
Thallium	205-1	471.54	471.08	475.44	472.69	0.51	ppb
Tin	118-1	448.52	456.65	458.04	454.40	1.13	ppb
Titanium	47-1	4632.27	4603.49	4584.40	4606.72	0.52	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:52:54	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	480.73	479.00	476.76	478.83	0.42	ppb
Vanadium	51-2	501.36	503.47	496.77	500.53	0.68	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	4988.18	5059.52	5045.59	5031.10	0.75	ppb
Zirconium	90-1	472.98	476.67	469.75	473.13	0.73	ppb
Zirconium	91-1	469.98	468.85	475.38	471.40	0.74	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:55:36	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.79	10.97	9.28	9.35	17.04	ppb
Antimony	121-1	0.32	0.31	0.31	0.31	3.20	ppb
Arsenic	75-2	0.11	0.13	0.05	0.09	45.49	ppb
Barium	135-1	0.20	0.21	0.19	0.20	5.63	ppb
Barium	137-1	0.20	0.19	0.18	0.19	5.36	ppb
Beryllium	9-1	0.04	0.06	0.04	0.05	26.68	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.08	0.02	0.02	231.84	ppb
Cadmium	106-1	-0.03	-1.10	-1.66	-0.93		ppb
Cadmium	111-1	0.04	-0.06	-0.09	-0.04		ppb
Calcium	43-1	12.17	8.51	10.18	10.29	17.80	ppb
Calcium	44-1	13.61	12.02	11.28	12.31	9.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.12	0.06	0.08	45.66	ppb
Cobalt	59-2	0.03	0.05	0.04	0.04	23.61	ppb
Copper	63-2	0.26	0.32	0.25	0.28	13.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	20.95	30.08	22.43	24.49	19.99	ppb
Iron	57-2	17.92	27.71	21.71	22.45	21.99	ppb
Iron	54-2	20.68	30.87	24.69	25.41	20.19	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:55:36	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.14	0.15	0.15	7.59	ppb
Lead	207-1	0.16	0.15	0.15	0.15	3.94	ppb
Lead	208-1	0.16	0.14	0.15	0.15	7.84	ppb
Lithium	6-1				93		%
Magnesium	24-2	11.31	14.39	11.87	12.52	13.13	ppb
Manganese	55-2	0.66	0.86	0.66	0.73	15.61	ppb
Molybdenum	94-1	0.53	0.43	0.42	0.46	12.58	ppb
Molybdenum	95-1	0.27	0.27	0.28	0.28	1.44	ppb
Molybdenum	96-1	0.33	0.30	0.29	0.31	8.18	ppb
Molybdenum	97-1	0.28	0.27	0.29	0.28	4.35	ppb
Molybdenum	98-1	0.28	0.27	0.27	0.27	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.05	0.00	0.03	95.11	ppb
Phosphorus	31-2	-14.29	-10.52	-18.70	-14.50		ppb
Potassium	39-2	9.46	27.60	9.06	15.37	68.88	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	-0.13	0.14	0.35	0.12	203.25	ppb
Selenium	77-2	0.00	0.30	0.26	0.19	87.36	ppb
Selenium	78-2	0.11	1.04	0.77	0.64	74.68	ppb
Silicon	28-1	0.80	0.61	0.70	0.70	13.84	ppb
Silver	107-1	0.06	0.05	0.05	0.05	16.27	ppb
Silver	109-1	0.06	0.05	0.04	0.05	18.43	ppb
Sodium	23-2	23.14	33.40	23.44	26.66	21.91	ppb
Strontium	86-1	0.42	0.36	0.42	0.40	8.68	ppb
Strontium	88-1	0.43	0.40	0.39	0.41	5.52	ppb
Sulfur	34-1	-513.45	-635.83	-554.11	-567.80		ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.06	0.05	0.06	17.84	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	16.68	ppb
Tin	118-1	0.12	0.13	0.15	0.13	9.77	ppb
Titanium	47-1	0.42	0.36	0.38	0.39	7.15	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:55:36	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	16.60	ppb
Vanadium	51-2	0.05	0.10	0.07	0.07	31.20	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	0.17	0.31	0.14	0.21	44.19	ppb
Zirconium	90-1	0.17	0.13	0.11	0.14	20.69	ppb
Zirconium	91-1	0.15	0.12	0.10	0.12	21.64	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-19	Instrumnet Name :	P7
Client Sample ID :	MYE4X6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:58:53	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35647.49	34969.82	35587.44	35401.58	1.06	ppb
Antimony	121-1	1.28	1.28	1.34	1.30	2.41	ppb
Arsenic	75-2	125.89	126.39	124.38	125.55	0.83	ppb
Barium	135-1	403.52	408.14	408.67	406.78	0.70	ppb
Barium	137-1	444.37	441.07	450.89	445.45	1.12	ppb
Beryllium	9-1	1.53	1.43	1.26	1.41	9.70	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.58	2.76	2.97	2.77	7.17	ppb
Cadmium	106-1	3.26	2.25	2.01	2.51	26.62	ppb
Cadmium	111-1	2.09	2.15	2.13	2.12	1.30	ppb
Calcium	43-1	10088.37	10160.08	10207.04	10151.83	0.59	ppb
Calcium	44-1	9637.38	9696.50	9629.91	9654.59	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.36	87.98	87.44	87.93	0.53	ppb
Cobalt	59-2	44.92	45.20	45.19	45.10	0.35	ppb
Copper	63-2	331.52	330.96	331.06	331.18	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	84587.19	84343.06	83460.07	84130.11	0.70	ppb
Iron	57-2	83292.28	83143.35	83916.33	83450.65	0.49	ppb
Iron	54-2	84579.86	83774.76	84081.97	84145.53	0.48	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-19	Instrumnet Name :	P7
Client Sample ID :	MYE4X6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:58:53	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.78	82.76	83.22	83.25	0.61	ppb
Lead	207-1	83.09	82.40	83.37	82.95	0.60	ppb
Lead	208-1	90.14	89.35	90.28	89.92	0.56	ppb
Lithium	6-1				94		%
Magnesium	24-2	19270.32	19079.99	19419.87	19256.72	0.88	ppb
Manganese	55-2	1879.97	1902.11	1888.25	1890.11	0.59	ppb
Molybdenum	94-1	16.61	16.37	16.74	16.57	1.15	ppb
Molybdenum	95-1	0.85	0.88	0.89	0.87	2.55	ppb
Molybdenum	96-1	3.19	3.08	3.17	3.15	1.84	ppb
Molybdenum	97-1	0.83	0.85	0.87	0.85	2.38	ppb
Molybdenum	98-1	0.81	0.84	0.81	0.82	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.11	97.90	97.77	97.93	0.17	ppb
Phosphorus	31-2	1803.88	1792.67	1876.27	1824.27	2.49	ppb
Potassium	39-2	5445.91	5518.15	5341.42	5435.16	1.63	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	82-1	0.89	1.20	0.57	0.89	35.91	ppb
Selenium	77-2	20.12	15.49	18.47	18.03	13.01	ppb
Selenium	78-2	5.48	4.36	4.16	4.67	15.24	ppb
Silicon	28-1	1075.14	1072.67	1075.36	1074.39	0.14	ppb
Silver	107-1	0.77	0.73	0.73	0.74	2.88	ppb
Silver	109-1	0.78	0.75	0.73	0.75	3.21	ppb
Sodium	23-2	133.75	133.57	135.92	134.41	0.98	ppb
Strontium	86-1	61.37	60.12	61.68	61.06	1.35	ppb
Strontium	88-1	63.06	62.48	63.48	63.01	0.80	ppb
Sulfur	34-1	-822.10	-1017.64	-1111.08	-983.61		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.42	0.40	0.40	0.41	3.13	ppb
Thallium	205-1	0.41	0.41	0.41	0.41	0.87	ppb
Tin	118-1	3.07	3.17	3.18	3.14	1.91	ppb
Titanium	47-1	648.46	656.01	654.06	652.84	0.60	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-19	Instrumnet Name :	P7
Client Sample ID :	MYE4X6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:58:53	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.69	0.70	0.70	0.88	ppb
Vanadium	51-2	181.88	181.75	182.54	182.06	0.23	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	265.61	264.26	263.55	264.47	0.39	ppb
Zirconium	90-1	9.60	9.47	9.62	9.56	0.86	ppb
Zirconium	91-1	9.61	9.47	9.52	9.53	0.76	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-20	Instrumnet Name :	P7
Client Sample ID :	MYE4X7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:01:58	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28623.64	28670.32	32188.61	29827.52	6.86	ppb
Antimony	121-1	1.64	1.67	1.68	1.67	1.33	ppb
Arsenic	75-2	119.69	119.91	132.00	123.87	5.69	ppb
Barium	135-1	343.78	346.85	355.15	348.59	1.69	ppb
Barium	137-1	378.16	388.65	389.07	385.29	1.61	ppb
Beryllium	9-1	1.32	1.37	1.33	1.34	1.73	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.62	3.04	3.00	2.89	7.97	ppb
Cadmium	106-1	2.82	1.95	2.10	2.29	20.27	ppb
Cadmium	111-1	2.41	2.20	2.29	2.30	4.51	ppb
Calcium	43-1	5412.12	5508.08	5615.07	5511.76	1.84	ppb
Calcium	44-1	5170.03	5223.12	5229.49	5207.55	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.34	78.86	88.74	82.31	6.77	ppb
Cobalt	59-2	46.51	46.40	51.78	48.23	6.38	ppb
Copper	63-2	298.21	298.17	334.41	310.26	6.74	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				111		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	86503.48	88190.67	98509.34	91067.83	7.14	ppb
Iron	57-2	86504.61	86797.17	96416.50	89906.09	6.27	ppb
Iron	54-2	87380.98	87215.80	96648.38	90415.05	5.97	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-20	Instrumnet Name :	P7
Client Sample ID :	MYE4X7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:01:58	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.02	82.83	84.26	83.04	1.36	ppb
Lead	207-1	81.22	82.10	82.98	82.10	1.07	ppb
Lead	208-1	81.31	82.47	83.21	82.33	1.16	ppb
Lithium	6-1				91		%
Magnesium	24-2	15736.75	15817.63	17622.34	16392.24	6.50	ppb
Manganese	55-2	2173.48	2202.88	2448.67	2275.01	6.64	ppb
Molybdenum	94-1	15.37	15.28	15.05	15.23	1.07	ppb
Molybdenum	95-1	0.94	0.91	0.95	0.94	2.28	ppb
Molybdenum	96-1	3.08	3.05	3.11	3.08	1.08	ppb
Molybdenum	97-1	0.92	0.94	0.89	0.91	2.88	ppb
Molybdenum	98-1	0.87	0.88	0.94	0.89	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.57	85.43	96.69	89.23	7.24	ppb
Phosphorus	31-2	1503.92	1477.15	1713.12	1564.73	8.26	ppb
Potassium	39-2	6337.73	6324.30	7087.80	6583.28	6.64	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	0.77	0.65	0.11	0.51	69.31	ppb
Selenium	77-2	17.08	15.58	15.93	16.19	4.87	ppb
Selenium	78-2	4.43	2.40	4.75	3.86	33.09	ppb
Silicon	28-1	1155.76	1165.12	1176.84	1165.91	0.91	ppb
Silver	107-1	0.54	0.56	0.56	0.55	1.93	ppb
Silver	109-1	0.54	0.54	0.57	0.55	2.50	ppb
Sodium	23-2	121.15	121.51	140.76	127.81	8.78	ppb
Strontium	86-1	42.15	42.34	42.44	42.31	0.35	ppb
Strontium	88-1	42.23	42.34	42.78	42.45	0.69	ppb
Sulfur	34-1	-1359.58	-1360.40	-1370.77	-1363.58		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.42	0.41	0.42	0.42	1.46	ppb
Thallium	205-1	0.42	0.44	0.42	0.43	2.53	ppb
Tin	118-1	2.29	2.41	2.41	2.37	2.88	ppb
Titanium	47-1	712.63	717.28	735.27	721.73	1.66	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-20	Instrumnet Name :	P7
Client Sample ID :	MYE4X7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:01:58	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.80	0.81	0.80	1.14	ppb
Vanadium	51-2	182.29	182.44	205.32	190.02	6.97	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	268.02	264.55	298.95	277.18	6.83	ppb
Zirconium	90-1	8.59	8.68	8.72	8.66	0.81	ppb
Zirconium	91-1	8.69	8.56	8.73	8.66	1.00	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-21	Instrumnet Name :	P7
Client Sample ID :	MYE4X8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:05:07	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32895.53	33254.79	33154.70	33101.68	0.56	ppb
Antimony	121-1	1.60	1.62	1.59	1.60	1.17	ppb
Arsenic	75-2	123.34	125.72	123.79	124.28	1.02	ppb
Barium	135-1	443.61	446.21	447.92	445.92	0.49	ppb
Barium	137-1	489.90	496.89	500.59	495.80	1.09	ppb
Beryllium	9-1	1.38	1.38	1.71	1.49	12.74	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.70	2.95	3.45	3.04	12.65	ppb
Cadmium	106-1	3.12	2.31	2.80	2.74	14.91	ppb
Cadmium	111-1	2.58	2.47	2.55	2.53	2.37	ppb
Calcium	43-1	7068.30	7184.62	7175.35	7142.76	0.91	ppb
Calcium	44-1	6833.11	6746.29	6840.60	6806.67	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.94	93.93	94.06	93.65	0.65	ppb
Cobalt	59-2	51.42	52.38	52.56	52.12	1.17	ppb
Copper	63-2	320.35	325.13	328.26	324.58	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				109		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	94673.07	95238.35	95781.44	95230.95	0.58	ppb
Iron	57-2	92278.47	94390.12	94834.96	93834.52	1.46	ppb
Iron	54-2	94461.95	95332.08	95258.11	95017.38	0.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-21	Instrumnet Name :	P7
Client Sample ID :	MYE4X8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:05:07	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	90.12	90.04	90.82	90.33	0.47	ppb
Lead	207-1	89.68	90.34	90.54	90.18	0.50	ppb
Lead	208-1	96.60	98.32	97.42	97.44	0.88	ppb
Lithium	6-1				90		%
Magnesium	24-2	19696.84	20020.97	20000.12	19905.98	0.91	ppb
Manganese	55-2	2667.53	2690.60	2701.23	2686.45	0.64	ppb
Molybdenum	94-1	16.37	16.97	16.83	16.72	1.88	ppb
Molybdenum	95-1	0.86	0.94	0.87	0.89	4.42	ppb
Molybdenum	96-1	3.16	3.32	3.19	3.23	2.55	ppb
Molybdenum	97-1	0.81	0.85	0.83	0.83	2.74	ppb
Molybdenum	98-1	0.75	0.85	0.78	0.79	6.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.15	107.85	107.45	107.15	0.83	ppb
Phosphorus	31-2	1840.91	1797.06	1881.73	1839.90	2.30	ppb
Potassium	39-2	6764.29	6838.06	6829.49	6810.61	0.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.31	0.77	0.36	0.48	53.09	ppb
Selenium	77-2	17.18	13.57	15.49	15.42	11.71	ppb
Selenium	78-2	1.77	2.82	1.35	1.98	38.24	ppb
Silicon	28-1	1046.73	1065.53	1061.26	1057.84	0.93	ppb
Silver	107-1	0.65	0.67	0.65	0.66	1.76	ppb
Silver	109-1	0.65	0.66	0.64	0.65	1.97	ppb
Sodium	23-2	126.56	128.08	129.66	128.10	1.21	ppb
Strontium	86-1	58.10	59.06	58.72	58.63	0.83	ppb
Strontium	88-1	60.25	60.28	60.43	60.32	0.16	ppb
Sulfur	34-1	-1335.04	-1322.16	-1300.56	-1319.25		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.61	0.58	0.61	0.60	2.83	ppb
Thallium	205-1	0.61	0.60	0.61	0.61	0.28	ppb
Tin	118-1	3.07	2.93	3.08	3.02	2.83	ppb
Titanium	47-1	687.39	694.29	698.19	693.29	0.79	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-21	Instrumnet Name :	P7
Client Sample ID :	MYE4X8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:05:07	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.87	0.87	0.86	1.93	ppb
Vanadium	51-2	210.33	214.51	214.20	213.01	1.09	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	306.81	313.07	311.31	310.39	1.04	ppb
Zirconium	90-1	9.31	9.48	9.54	9.44	1.25	ppb
Zirconium	91-1	9.49	9.44	9.64	9.53	1.09	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-22	Instrumnet Name :	P7
Client Sample ID :	MYE4X9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:08:13	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38572.78	38687.92	38051.51	38437.40	0.88	ppb
Antimony	121-1	1.76	1.79	1.81	1.79	1.29	ppb
Arsenic	75-2	124.66	123.84	124.85	124.45	0.43	ppb
Barium	135-1	376.44	374.94	381.23	377.54	0.87	ppb
Barium	137-1	411.23	417.88	424.48	417.86	1.59	ppb
Beryllium	9-1	1.54	1.56	1.57	1.56	0.93	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	1.95	1.75	1.87	5.87	ppb
Cadmium	106-1	1.99	2.50	1.48	1.99	25.83	ppb
Cadmium	111-1	0.97	1.02	1.02	1.00	2.88	ppb
Calcium	43-1	8543.21	8604.34	8729.64	8625.73	1.10	ppb
Calcium	44-1	8166.55	8211.09	8234.67	8204.10	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.41	89.93	88.74	89.36	0.66	ppb
Cobalt	59-2	49.00	49.36	48.61	48.99	0.77	ppb
Copper	63-2	174.10	174.17	171.20	173.15	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	104364.79	104476.66	103758.25	104199.90	0.37	ppb
Iron	57-2	102627.11	103480.77	102424.11	102843.99	0.55	ppb
Iron	54-2	103153.72	103805.67	102604.42	103187.94	0.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-22	Instrumnet Name :	P7
Client Sample ID :	MYE4X9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:08:13	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.90	41.06	41.47	41.14	0.72	ppb
Lead	207-1	39.69	40.03	40.72	40.14	1.31	ppb
Lead	208-1	39.96	40.11	40.80	40.29	1.11	ppb
Lithium	6-1				88		%
Magnesium	24-2	16022.80	15945.36	15672.40	15880.19	1.16	ppb
Manganese	55-2	1866.98	1871.80	1847.37	1862.05	0.69	ppb
Molybdenum	94-1	22.05	22.70	22.39	22.38	1.44	ppb
Molybdenum	95-1	1.01	1.05	1.07	1.04	2.97	ppb
Molybdenum	96-1	4.08	4.12	4.06	4.09	0.85	ppb
Molybdenum	97-1	0.99	1.04	1.05	1.03	3.19	ppb
Molybdenum	98-1	1.03	1.01	0.98	1.01	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.08	90.04	88.73	89.62	0.86	ppb
Phosphorus	31-2	1407.08	1459.20	1461.43	1442.57	2.13	ppb
Potassium	39-2	6497.94	6483.82	6439.05	6473.60	0.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	1.03	0.35	0.36	0.58	66.89	ppb
Selenium	77-2	20.50	15.44	17.14	17.69	14.55	ppb
Selenium	78-2	3.37	3.15	4.08	3.53	13.75	ppb
Silicon	28-1	838.81	855.17	869.35	854.45	1.79	ppb
Silver	107-1	0.29	0.28	0.28	0.28	1.71	ppb
Silver	109-1	0.27	0.28	0.28	0.28	1.45	ppb
Sodium	23-2	138.22	140.22	139.69	139.38	0.74	ppb
Strontium	86-1	57.15	57.43	57.47	57.35	0.31	ppb
Strontium	88-1	57.67	59.69	59.27	58.88	1.81	ppb
Sulfur	34-1	-1300.48	-1267.67	-1276.23	-1281.46		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.33	0.33	0.35	0.34	3.75	ppb
Thallium	205-1	0.33	0.34	0.35	0.34	3.49	ppb
Tin	118-1	2.20	2.22	2.32	2.25	2.88	ppb
Titanium	47-1	809.31	826.54	831.48	822.44	1.42	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-22	Instrumnet Name :	P7
Client Sample ID :	MYE4X9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:08:13	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.96	0.99	0.97	1.34	ppb
Vanadium	51-2	219.71	220.77	217.62	219.37	0.73	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	205.53	205.78	202.43	204.58	0.91	ppb
Zirconium	90-1	12.64	12.76	12.87	12.76	0.88	ppb
Zirconium	91-1	12.50	12.92	13.02	12.81	2.16	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BL	Instrumnet Name :	P7
Client Sample ID :	PBS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:11:21	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.01	7.81	6.97	7.26	6.47	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	24.37	ppb
Arsenic	75-2	0.05	0.04	0.05	0.05	15.12	ppb
Barium	135-1	0.13	0.10	0.14	0.13	16.68	ppb
Barium	137-1	0.11	0.12	0.14	0.12	12.84	ppb
Beryllium	9-1	0.00	0.02	0.02	0.02	67.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.05	-0.03	-0.03		ppb
Cadmium	106-1	-2.06	-1.66	-2.31	-2.01		ppb
Cadmium	111-1	-0.14	-0.10	-0.14	-0.13		ppb
Calcium	43-1	4.73	3.75	1.69	3.39	45.69	ppb
Calcium	44-1	5.57	4.69	5.26	5.17	8.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.06	0.06	0.06	7.50	ppb
Cobalt	59-2	0.03	0.02	0.01	0.02	45.68	ppb
Copper	63-2	0.13	0.11	0.12	0.12	8.72	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				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	20.43	19.95	19.59	19.99	2.09	ppb
Iron	57-2	18.67	19.01	17.64	18.44	3.87	ppb
Iron	54-2	22.27	20.35	20.45	21.02	5.14	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BL	Instrumnet Name :	P7
Client Sample ID :	PBS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:11:21	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.04	0.06	0.05	19.84	ppb
Lead	207-1	0.03	0.04	0.06	0.04	37.48	ppb
Lead	208-1	0.05	0.04	0.05	0.05	7.29	ppb
Lithium	6-1				84		%
Magnesium	24-2	5.91	5.58	5.46	5.65	4.15	ppb
Manganese	55-2	0.57	0.56	0.52	0.55	5.43	ppb
Molybdenum	94-1	0.07	0.07	0.21	0.11	71.95	ppb
Molybdenum	95-1	0.06	0.05	0.15	0.09	64.27	ppb
Molybdenum	96-1	0.07	0.05	0.11	0.07	40.94	ppb
Molybdenum	97-1	0.04	0.04	0.12	0.07	65.26	ppb
Molybdenum	98-1	0.04	0.04	0.13	0.07	70.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	-0.01	0.01	209.90	ppb
Phosphorus	31-2	-19.25	-14.09	-17.73	-17.03		ppb
Potassium	39-2	-0.51	0.27	-0.13	-0.12		ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	-0.15	-0.08	-0.03	-0.09		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.74	-0.40	0.21	-0.31		ppb
Silicon	28-1	0.75	0.70	0.80	0.75	6.38	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.75	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.47	ppb
Sodium	23-2	10.92	10.69	9.30	10.30	8.50	ppb
Strontium	86-1	0.12	0.11	0.32	0.18	65.57	ppb
Strontium	88-1	0.12	0.11	0.43	0.22	81.33	ppb
Sulfur	34-1	-1233.22	-1316.79	-1265.27	-1271.76		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.01	0.01	30.82	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.83	ppb
Tin	118-1	0.04	0.05	0.06	0.05	18.22	ppb
Titanium	47-1	0.21	0.26	0.30	0.25	17.25	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BL	Instrumnet Name :	P7
Client Sample ID :	PBS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:11:21	DataFile Name :	083SMPL.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	0.06	0.06	0.05	0.06	11.55	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	-0.14	0.04	-0.06	-0.05		ppb
Zirconium	90-1	0.02	0.02	0.04	0.02	45.00	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	54.94	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:14:36	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.30	43.34	41.73	42.79	2.15	ppb
Antimony	121-1	3.45	3.39	3.47	3.43	1.23	ppb
Arsenic	75-2	1.91	1.92	2.06	1.96	4.39	ppb
Barium	135-1	16.03	16.23	15.98	16.08	0.81	ppb
Barium	137-1	16.68	16.62	16.54	16.61	0.44	ppb
Beryllium	9-1	1.65	1.72	1.91	1.76	7.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.55	1.87	1.88	1.77	10.80	ppb
Cadmium	106-1	-0.12	-0.56	-0.36	-0.34		ppb
Cadmium	111-1	1.57	1.53	1.52	1.54	1.54	ppb
Calcium	43-1	952.78	961.39	982.14	965.44	1.56	ppb
Calcium	44-1	971.03	986.91	1001.95	986.63	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.20	4.29	4.03	4.17	3.20	ppb
Cobalt	59-2	2.04	2.05	2.00	2.03	1.37	ppb
Copper	63-2	4.28	4.27	4.25	4.26	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	452.58	448.88	444.71	448.73	0.88	ppb
Iron	57-2	445.43	445.21	443.46	444.70	0.24	ppb
Iron	54-2	458.25	454.95	446.15	453.12	1.38	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:14:36	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.57	1.60	1.63	1.60	1.91	ppb
Lead	207-1	1.59	1.54	1.66	1.60	3.81	ppb
Lead	208-1	1.56	1.57	1.63	1.59	2.34	ppb
Lithium	6-1				86		%
Magnesium	24-2	1034.44	1027.79	1018.94	1027.06	0.76	ppb
Manganese	55-2	2.47	2.58	2.46	2.50	2.60	ppb
Molybdenum	94-1	9.79	9.88	9.88	9.85	0.50	ppb
Molybdenum	95-1	8.23	8.33	8.30	8.29	0.64	ppb
Molybdenum	96-1	8.48	8.28	8.41	8.39	1.26	ppb
Molybdenum	97-1	8.19	8.15	8.28	8.21	0.78	ppb
Molybdenum	98-1	8.15	8.07	8.22	8.15	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.09	2.18	2.13	2.10	ppb
Phosphorus	31-2	-18.66	-20.14	-14.60	-17.80		ppb
Potassium	39-2	1008.81	1002.85	992.24	1001.30	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	9.43	9.07	8.79	9.10	3.50	ppb
Selenium	77-2	10.03	7.75	8.04	8.60	14.40	ppb
Selenium	78-2	8.66	10.85	11.12	10.21	13.19	ppb
Silicon	28-1	2.97	3.15	3.21	3.11	4.07	ppb
Silver	107-1	1.65	1.72	1.75	1.70	3.03	ppb
Silver	109-1	1.69	1.72	1.72	1.71	1.02	ppb
Sodium	23-2	970.93	967.29	960.95	966.39	0.52	ppb
Strontium	86-1	1.85	1.90	1.93	1.89	2.02	ppb
Strontium	88-1	1.86	1.87	1.88	1.87	0.54	ppb
Sulfur	34-1	-1204.60	-1187.90	-1064.44	-1152.31		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1.48	1.48	1.53	1.50	1.80	ppb
Thallium	205-1	1.49	1.49	1.52	1.50	1.32	ppb
Tin	118-1	0.08	0.08	0.06	0.07	16.94	ppb
Titanium	47-1	8.33	8.60	8.93	8.62	3.50	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:14:36	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.45	1.45	1.47	1.46	0.84	ppb
Vanadium	51-2	10.20	10.19	10.14	10.18	0.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	9.76	10.06	9.99	9.94	1.56	ppb
Zirconium	90-1	1.79	1.81	1.80	1.80	0.49	ppb
Zirconium	91-1	1.77	1.78	1.82	1.79	1.35	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:17:52	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.77	24.61	24.08	24.82	3.49	ppb
Antimony	121-1	1.71	1.68	1.76	1.71	2.31	ppb
Arsenic	75-2	0.91	0.87	0.95	0.91	4.73	ppb
Barium	135-1	8.15	8.14	8.29	8.19	0.99	ppb
Barium	137-1	8.04	8.17	8.39	8.20	2.14	ppb
Beryllium	9-1	0.89	0.90	0.92	0.90	2.00	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.63	0.67	0.99	0.76	25.85	ppb
Cadmium	106-1	-0.49	-1.22	-0.56	-0.76		ppb
Cadmium	111-1	0.78	0.73	0.75	0.75	3.73	ppb
Calcium	43-1	465.92	488.13	482.81	478.95	2.42	ppb
Calcium	44-1	487.35	491.81	494.04	491.07	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	2.17	2.08	2.09	3.41	ppb
Cobalt	59-2	1.00	1.07	1.04	1.04	3.39	ppb
Copper	63-2	2.04	2.10	2.08	2.07	1.56	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				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	229.35	231.97	226.99	229.44	1.09	ppb
Iron	57-2	225.85	231.73	225.81	227.80	1.49	ppb
Iron	54-2	228.51	235.75	233.40	232.55	1.59	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:17:52	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.77	0.79	0.79	0.79	1.34	ppb
Lead	207-1	0.79	0.81	0.81	0.80	1.35	ppb
Lead	208-1	0.80	0.81	0.81	0.81	1.09	ppb
Lithium	6-1				88		%
Magnesium	24-2	509.79	512.09	504.02	508.63	0.82	ppb
Manganese	55-2	1.44	1.46	1.46	1.45	0.90	ppb
Molybdenum	94-1	4.74	4.84	5.03	4.87	3.06	ppb
Molybdenum	95-1	4.00	4.13	4.14	4.09	1.89	ppb
Molybdenum	96-1	4.10	4.13	4.26	4.16	2.02	ppb
Molybdenum	97-1	3.94	4.04	4.14	4.04	2.49	ppb
Molybdenum	98-1	3.94	4.07	4.16	4.05	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.97	1.09	1.04	5.99	ppb
Phosphorus	31-2	-16.21	-15.75	-18.59	-16.85		ppb
Potassium	39-2	485.72	497.52	490.67	491.30	1.21	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	4.39	5.21	4.15	4.59	12.16	ppb
Selenium	77-2	4.12	3.42	5.27	4.27	21.87	ppb
Selenium	78-2	4.47	4.98	6.74	5.40	22.03	ppb
Silicon	28-1	1.55	1.60	1.67	1.61	3.86	ppb
Silver	107-1	0.86	0.86	0.90	0.87	2.88	ppb
Silver	109-1	0.85	0.83	0.89	0.86	3.66	ppb
Sodium	23-2	474.49	479.39	473.46	475.78	0.67	ppb
Strontium	86-1	0.96	0.96	0.99	0.97	2.06	ppb
Strontium	88-1	0.98	0.99	0.99	0.99	0.32	ppb
Sulfur	34-1	-1008.29	-1035.53	-953.85	-999.22		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.73	0.73	0.74	0.73	0.28	ppb
Thallium	205-1	0.75	0.74	0.75	0.75	0.54	ppb
Tin	118-1	0.05	0.05	0.07	0.06	19.60	ppb
Titanium	47-1	4.30	4.12	4.25	4.22	2.27	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:17:52	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.71	0.72	0.70	0.71	0.99	ppb
Vanadium	51-2	4.88	4.96	4.92	4.92	0.86	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	4.56	4.80	4.65	4.67	2.51	ppb
Zirconium	90-1	0.87	0.91	0.92	0.90	2.89	ppb
Zirconium	91-1	0.95	0.90	0.89	0.91	3.37	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:21:07	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38722.86	38923.32	38728.45	38791.55	0.29	ppb
Antimony	121-1	1.66	1.95	1.68	1.76	9.16	ppb
Arsenic	75-2	113.80	115.93	117.53	115.75	1.62	ppb
Barium	135-1	476.58	562.48	487.53	508.87	9.19	ppb
Barium	137-1	523.12	627.31	531.65	560.69	10.32	ppb
Beryllium	9-1	1.65	1.78	1.64	1.69	4.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.97	3.80	3.23	3.33	12.65	ppb
Cadmium	106-1	2.00	2.97	1.68	2.22	30.45	ppb
Cadmium	111-1	1.97	2.39	2.12	2.16	9.81	ppb
Calcium	43-1	7848.03	8963.10	7933.28	8248.14	7.52	ppb
Calcium	44-1	7414.84	8504.91	7664.70	7861.48	7.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.20	97.20	98.84	97.41	1.37	ppb
Cobalt	59-2	56.69	56.90	58.19	57.26	1.42	ppb
Copper	63-2	279.81	280.14	284.99	281.65	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				104		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	103478.30	103046.60	104137.16	103554.02	0.53	ppb
Iron	57-2	102342.10	102948.93	103586.52	102959.18	0.60	ppb
Iron	54-2	102999.35	102996.76	104772.26	103589.46	0.99	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:21:07	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.51	81.41	73.22	75.71	6.54	ppb
Lead	207-1	72.09	80.28	72.91	75.09	6.01	ppb
Lead	208-1	71.86	80.49	72.41	74.92	6.44	ppb
Lithium	6-1				84		%
Magnesium	24-2	20467.24	20596.20	20647.02	20570.15	0.45	ppb
Manganese	55-2	2760.43	2765.34	2823.13	2782.96	1.25	ppb
Molybdenum	94-1	19.44	22.74	19.99	20.72	8.55	ppb
Molybdenum	95-1	1.12	1.26	1.09	1.15	7.94	ppb
Molybdenum	96-1	3.74	4.48	3.83	4.02	10.00	ppb
Molybdenum	97-1	1.00	1.16	1.11	1.09	7.85	ppb
Molybdenum	98-1	1.05	1.15	1.06	1.09	5.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.16	106.18	106.58	106.31	0.23	ppb
Phosphorus	31-2	1803.37	1820.09	1815.72	1813.06	0.48	ppb
Potassium	39-2	8186.09	8188.25	8193.15	8189.16	0.04	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	0.63	1.42	1.05	1.03	38.51	ppb
Selenium	77-2	19.32	13.47	18.61	17.13	18.63	ppb
Selenium	78-2	5.68	4.11	4.33	4.71	18.10	ppb
Silicon	28-1	937.24	1068.40	958.42	988.02	7.13	ppb
Silver	107-1	0.55	0.61	0.51	0.56	9.23	ppb
Silver	109-1	0.55	0.60	0.52	0.56	7.38	ppb
Sodium	23-2	128.34	130.12	132.56	130.34	1.63	ppb
Strontium	86-1	63.68	74.37	65.25	67.77	8.52	ppb
Strontium	88-1	67.07	77.24	67.47	70.59	8.16	ppb
Sulfur	34-1	-1353.53	-1015.75	-1404.64	-1257.97		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	4.16	4.64	4.27	4.36	5.82	ppb
Thallium	205-1	4.17	4.60	4.14	4.30	5.94	ppb
Tin	118-1	2.42	2.90	2.44	2.59	10.56	ppb
Titanium	47-1	818.15	938.59	834.86	863.87	7.55	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:21:07	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.20	1.09	1.12	6.10	ppb
Vanadium	51-2	191.36	192.71	194.27	192.78	0.75	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	272.43	277.86	279.06	276.45	1.28	ppb
Zirconium	90-1	11.09	12.82	11.36	11.76	7.91	ppb
Zirconium	91-1	11.06	12.99	11.46	11.84	8.60	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:24:15	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38262.15	38308.96	38486.24	38352.45	0.31	ppb
Antimony	121-1	1.64	1.68	1.68	1.67	1.70	ppb
Arsenic	75-2	113.70	113.53	112.54	113.26	0.55	ppb
Barium	135-1	468.25	480.45	482.00	476.90	1.58	ppb
Barium	137-1	521.36	524.87	538.18	528.14	1.68	ppb
Beryllium	9-1	1.65	1.47	1.62	1.58	5.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.26	2.78	3.10	2.71	15.58	ppb
Cadmium	106-1	2.14	2.52	2.24	2.30	8.60	ppb
Cadmium	111-1	1.98	2.09	2.05	2.04	2.61	ppb
Calcium	43-1	7819.21	7769.81	7901.48	7830.17	0.85	ppb
Calcium	44-1	7389.33	7376.80	7580.35	7448.83	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.09	95.61	96.11	95.61	0.53	ppb
Cobalt	59-2	56.30	55.97	56.51	56.26	0.49	ppb
Copper	63-2	274.82	274.56	278.21	275.86	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	100635.65	102057.95	102549.47	101747.69	0.98	ppb
Iron	57-2	100590.65	100940.87	100604.55	100712.02	0.20	ppb
Iron	54-2	101021.03	101817.02	101688.88	101508.98	0.42	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:24:15	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.07	72.15	73.34	72.52	0.98	ppb
Lead	207-1	70.99	70.73	73.09	71.60	1.81	ppb
Lead	208-1	71.12	70.60	72.83	71.52	1.63	ppb
Lithium	6-1				88		%
Magnesium	24-2	20294.23	20344.54	20515.33	20384.70	0.57	ppb
Manganese	55-2	2726.30	2749.90	2764.34	2746.84	0.70	ppb
Molybdenum	94-1	19.76	19.95	20.29	20.00	1.33	ppb
Molybdenum	95-1	1.03	1.10	1.11	1.08	3.88	ppb
Molybdenum	96-1	3.73	3.76	3.86	3.78	1.79	ppb
Molybdenum	97-1	1.08	1.05	1.05	1.06	1.33	ppb
Molybdenum	98-1	1.04	1.03	1.02	1.03	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.94	103.53	104.71	103.73	0.87	ppb
Phosphorus	31-2	1723.49	1787.64	1780.02	1763.72	1.99	ppb
Potassium	39-2	8048.61	8059.85	8086.76	8065.07	0.24	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.98	1.00	1.09	1.02	6.02	ppb
Selenium	77-2	17.78	17.13	17.18	17.36	2.07	ppb
Selenium	78-2	3.58	3.79	3.69	3.69	2.83	ppb
Silicon	28-1	963.88	949.48	976.16	963.17	1.39	ppb
Silver	107-1	0.45	0.48	0.49	0.47	4.54	ppb
Silver	109-1	0.48	0.49	0.49	0.49	1.25	ppb
Sodium	23-2	129.25	130.33	132.52	130.70	1.27	ppb
Strontium	86-1	64.64	64.55	65.57	64.92	0.87	ppb
Strontium	88-1	66.11	66.82	67.07	66.66	0.74	ppb
Sulfur	34-1	-1358.67	-1422.07	-1361.43	-1380.72		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	3.72	3.71	3.85	3.76	1.98	ppb
Thallium	205-1	3.68	3.72	3.76	3.72	1.05	ppb
Tin	118-1	2.36	2.47	2.43	2.42	2.26	ppb
Titanium	47-1	820.02	814.60	835.94	823.52	1.35	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:24:15	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.07	1.09	1.08	0.93	ppb
Vanadium	51-2	188.75	189.94	189.57	189.42	0.32	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	271.99	272.88	272.82	272.57	0.18	ppb
Zirconium	90-1	11.30	11.29	11.30	11.30	0.06	ppb
Zirconium	91-1	11.21	11.31	11.53	11.35	1.40	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:27:21	DataFile Name :	088CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7520.39	7543.84	7585.54	7549.92	0.44	ppb
Antimony	121-1	0.31	0.32	0.33	0.32	3.40	ppb
Arsenic	75-2	22.27	22.03	22.72	22.34	1.58	ppb
Barium	135-1	89.08	90.56	89.02	89.55	0.97	ppb
Barium	137-1	90.36	91.01	90.88	90.75	0.38	ppb
Beryllium	9-1	0.30	0.29	0.29	0.29	2.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.61	0.62	0.69	0.64	6.99	ppb
Cadmium	106-1	-0.82	-0.64	-1.84	-1.10		ppb
Cadmium	111-1	0.32	0.31	0.25	0.30	12.13	ppb
Calcium	43-1	1487.91	1521.16	1574.58	1527.88	2.86	ppb
Calcium	44-1	1552.70	1567.14	1580.19	1566.67	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.56	18.68	18.91	18.72	0.96	ppb
Cobalt	59-2	11.06	11.32	11.28	11.22	1.23	ppb
Copper	63-2	55.52	55.79	55.83	55.71	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	19992.99	20181.47	20251.39	20141.95	0.66	ppb
Iron	57-2	19959.63	20087.28	20069.90	20038.94	0.35	ppb
Iron	54-2	20251.92	20551.35	20309.26	20370.84	0.78	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:27:21	DataFile Name :	088CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.18	13.35	13.54	13.36	1.37	ppb
Lead	207-1	12.95	13.29	13.36	13.20	1.69	ppb
Lead	208-1	13.01	13.25	13.33	13.20	1.27	ppb
Lithium	6-1				87		%
Magnesium	24-2	4038.51	4057.92	4016.41	4037.62	0.51	ppb
Manganese	55-2	535.94	542.37	542.39	540.23	0.69	ppb
Molybdenum	94-1	3.81	4.02	3.96	3.93	2.86	ppb
Molybdenum	95-1	0.24	0.25	0.23	0.24	2.90	ppb
Molybdenum	96-1	0.77	0.81	0.78	0.79	2.51	ppb
Molybdenum	97-1	0.22	0.22	0.24	0.23	4.76	ppb
Molybdenum	98-1	0.24	0.22	0.21	0.22	6.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.87	21.05	21.45	21.12	1.39	ppb
Phosphorus	31-2	337.10	352.05	339.65	342.93	2.33	ppb
Potassium	39-2	1669.72	1686.28	1685.70	1680.57	0.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.33	0.56	0.30	0.40	36.27	ppb
Selenium	77-2	4.53	2.97	2.96	3.49	25.89	ppb
Selenium	78-2	0.07	0.54	1.25	0.62	95.96	ppb
Silicon	28-1	182.87	186.63	187.18	185.56	1.26	ppb
Silver	107-1	0.10	0.09	0.10	0.10	2.51	ppb
Silver	109-1	0.10	0.10	0.10	0.10	0.67	ppb
Sodium	23-2	29.74	31.69	30.05	30.49	3.44	ppb
Strontium	86-1	12.60	12.62	12.71	12.64	0.46	ppb
Strontium	88-1	12.59	12.60	12.84	12.68	1.08	ppb
Sulfur	34-1	-1311.12	-1341.29	-1364.83	-1339.08		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.76	0.76	0.79	0.77	2.31	ppb
Thallium	205-1	0.73	0.76	0.76	0.75	2.21	ppb
Tin	118-1	0.47	0.48	0.50	0.48	2.68	ppb
Titanium	47-1	158.10	160.27	160.34	159.57	0.80	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:27:21	DataFile Name :	088CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.19	0.19	0.96	ppb
Vanadium	51-2	36.93	37.63	37.02	37.19	1.01	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	53.62	56.19	54.46	54.76	2.40	ppb
Zirconium	90-1	2.16	2.17	2.18	2.17	0.56	ppb
Zirconium	91-1	2.16	2.22	2.28	2.22	2.74	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:30:33	DataFile Name :	089LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39074.32	39313.71	39043.92	39143.98	0.38	ppb
Antimony	121-1	52.17	53.02	52.74	52.64	0.82	ppb
Arsenic	75-2	135.58	135.24	135.54	135.45	0.14	ppb
Barium	135-1	1569.30	1592.20	1579.32	1580.27	0.73	ppb
Barium	137-1	1574.03	1573.84	1603.63	1583.83	1.08	ppb
Beryllium	9-1	29.28	28.45	29.75	29.16	2.26	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.11	25.50	27.23	25.95	4.37	ppb
Cadmium	106-1	25.06	24.31	25.80	25.06	2.97	ppb
Cadmium	111-1	27.46	27.54	27.75	27.58	0.54	ppb
Calcium	43-1	7779.56	7833.89	7928.09	7847.18	0.96	ppb
Calcium	44-1	7463.70	7493.61	7464.13	7473.81	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208.74	210.65	209.95	209.78	0.46	ppb
Cobalt	59-2	346.23	355.87	347.00	349.70	1.53	ppb
Copper	63-2	428.67	432.08	435.97	432.24	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	102373.41	102381.48	102574.18	102443.02	0.11	ppb
Iron	57-2	101336.74	102291.61	102479.05	102035.80	0.60	ppb
Iron	54-2	101984.87	103267.76	102003.81	102418.81	0.72	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:30:33	DataFile Name :	089LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.17	80.07	81.26	80.50	0.82	ppb
Lead	207-1	79.45	79.20	80.68	79.77	0.99	ppb
Lead	208-1	79.48	79.49	80.46	79.81	0.70	ppb
Lithium	6-1				87		%
Magnesium	24-2	20170.69	20187.55	20623.50	20327.24	1.26	ppb
Manganese	55-2	3027.17	3017.20	3028.82	3024.40	0.21	ppb
Molybdenum	94-1	18.72	18.94	19.12	18.93	1.06	ppb
Molybdenum	95-1	1.08	1.13	1.10	1.10	2.48	ppb
Molybdenum	96-1	3.70	3.67	3.76	3.71	1.24	ppb
Molybdenum	97-1	1.13	1.07	1.07	1.09	3.18	ppb
Molybdenum	98-1	1.05	1.03	1.02	1.03	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	391.20	394.68	393.54	393.14	0.45	ppb
Phosphorus	31-2	1751.08	1737.57	1821.40	1770.01	2.54	ppb
Potassium	39-2	8077.85	7978.99	7968.42	8008.42	0.75	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	48.57	51.19	50.32	50.03	2.66	ppb
Selenium	77-2	69.38	71.63	61.11	67.37	8.23	ppb
Selenium	78-2	54.35	55.36	51.67	53.79	3.55	ppb
Silicon	28-1	903.03	897.70	912.31	904.35	0.82	ppb
Silver	107-1	22.05	22.45	22.64	22.38	1.34	ppb
Silver	109-1	22.12	22.57	22.82	22.50	1.57	ppb
Sodium	23-2	127.33	129.52	129.77	128.87	1.04	ppb
Strontium	86-1	61.89	63.82	64.01	63.24	1.85	ppb
Strontium	88-1	65.55	65.94	65.13	65.54	0.62	ppb
Sulfur	34-1	-1236.11	-1312.77	-1291.09	-1279.99		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	26.54	27.00	27.11	26.88	1.13	ppb
Thallium	205-1	26.67	26.63	27.43	26.91	1.68	ppb
Tin	118-1	2.38	2.38	2.55	2.44	4.06	ppb
Titanium	47-1	811.01	810.58	814.81	812.13	0.29	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:30:33	DataFile Name :	089LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.05	1.06	1.06	1.02	ppb
Vanadium	51-2	462.76	468.10	469.82	466.90	0.79	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	545.74	546.58	548.51	546.94	0.26	ppb
Zirconium	90-1	10.66	10.90	10.96	10.84	1.47	ppb
Zirconium	91-1	10.68	11.09	10.95	10.91	1.92	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:33:34	DataFile Name :	090LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43084.88	42989.61	43140.79	43071.76	0.18	ppb
Antimony	121-1	284.96	282.92	284.40	284.09	0.37	ppb
Arsenic	75-2	219.63	220.01	224.30	221.31	1.17	ppb
Barium	135-1	5753.75	5763.34	5724.47	5747.19	0.35	ppb
Barium	137-1	5812.42	5808.47	5872.27	5831.05	0.61	ppb
Beryllium	9-1	138.94	134.22	138.40	137.19	1.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	125.97	126.78	125.64	126.13	0.47	ppb
Cadmium	106-1	119.63	118.39	117.80	118.61	0.78	ppb
Cadmium	111-1	133.69	134.98	134.33	134.33	0.48	ppb
Calcium	43-1	7720.64	7782.68	7822.56	7775.30	0.66	ppb
Calcium	44-1	7396.13	7480.67	7408.01	7428.27	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	676.24	663.28	676.00	671.84	1.10	ppb
Cobalt	59-2	1504.74	1496.57	1515.39	1505.57	0.63	ppb
Copper	63-2	989.76	982.60	994.79	989.05	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				107		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	104891.36	104666.14	106492.07	105349.86	0.95	ppb
Iron	57-2	104300.05	104173.86	104783.46	104419.12	0.31	ppb
Iron	54-2	104732.49	104774.07	106313.90	105273.49	0.86	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:33:34	DataFile Name :	090LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	120.18	121.86	122.04	121.36	0.85	ppb
Lead	207-1	118.18	119.89	120.33	119.47	0.95	ppb
Lead	208-1	128.81	130.77	130.99	130.19	0.92	ppb
Lithium	6-1				87		%
Magnesium	24-2	20388.64	20202.72	20659.86	20417.07	1.13	ppb
Manganese	55-2	4141.12	4108.29	4219.92	4156.44	1.38	ppb
Molybdenum	94-1	19.46	18.89	19.54	19.30	1.83	ppb
Molybdenum	95-1	1.14	1.15	1.20	1.16	2.54	ppb
Molybdenum	96-1	3.74	3.70	3.79	3.75	1.26	ppb
Molybdenum	97-1	1.12	1.15	1.06	1.11	4.40	ppb
Molybdenum	98-1	1.07	1.11	1.08	1.08	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1645.52	1632.24	1622.80	1633.52	0.70	ppb
Phosphorus	31-2	1748.39	1744.20	1743.73	1745.44	0.15	ppb
Potassium	39-2	8017.97	7907.93	8131.34	8019.08	1.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	279.28	279.63	282.17	280.36	0.56	ppb
Selenium	77-2	297.85	316.77	305.04	306.55	3.12	ppb
Selenium	78-2	294.40	291.71	295.41	293.84	0.65	ppb
Silicon	28-1	889.20	892.40	899.11	893.57	0.57	ppb
Silver	107-1	109.71	109.66	109.94	109.77	0.14	ppb
Silver	109-1	110.69	110.34	110.62	110.55	0.17	ppb
Sodium	23-2	131.77	129.54	132.91	131.41	1.30	ppb
Strontium	86-1	63.84	63.48	63.88	63.73	0.35	ppb
Strontium	88-1	66.07	65.55	65.06	65.56	0.76	ppb
Sulfur	34-1	-1287.20	-1334.35	-1307.27	-1309.60		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	124.04	126.08	126.52	125.55	1.06	ppb
Thallium	205-1	144.01	145.54	148.14	145.90	1.43	ppb
Tin	118-1	2.61	2.58	2.57	2.59	0.85	ppb
Titanium	47-1	795.60	811.50	809.99	805.70	1.09	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:33:34	DataFile Name :	090LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.06	1.07	1.06	0.37	ppb
Vanadium	51-2	1569.39	1570.96	1597.61	1579.32	1.00	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	1645.19	1626.84	1663.01	1645.01	1.10	ppb
Zirconium	90-1	10.79	10.74	10.84	10.79	0.47	ppb
Zirconium	91-1	10.86	10.88	11.01	10.91	0.74	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:36:32	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40526.53	40051.35	40133.42	40237.10	0.63	ppb
Antimony	121-1	2.01	2.38	2.14	2.18	8.66	ppb
Arsenic	75-2	96.60	93.18	94.67	94.82	1.81	ppb
Barium	135-1	413.00	471.09	422.19	435.43	7.17	ppb
Barium	137-1	453.08	514.48	463.72	477.09	6.88	ppb
Beryllium	9-1	1.64	1.83	1.55	1.67	8.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.45	2.68	2.95	2.69	9.33	ppb
Cadmium	106-1	1.80	3.43	2.94	2.72	30.82	ppb
Cadmium	111-1	1.20	1.52	1.33	1.35	12.00	ppb
Calcium	43-1	9859.30	11159.01	9953.18	10323.83	7.02	ppb
Calcium	44-1	9351.54	10586.54	9560.48	9832.85	6.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.46	98.70	97.55	98.24	0.62	ppb
Cobalt	59-2	46.49	45.79	45.64	45.97	0.99	ppb
Copper	63-2	203.06	200.87	200.68	201.54	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				103		%
Holmium	165-2				105		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	93086.31	92786.34	92734.42	92869.02	0.20	ppb
Iron	57-2	93505.27	92037.52	92078.29	92540.36	0.90	ppb
Iron	54-2	92829.25	93515.80	92807.35	93050.80	0.43	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:36:32	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.92	56.88	50.77	52.19	7.98	ppb
Lead	207-1	48.70	55.29	49.70	51.23	6.93	ppb
Lead	208-1	48.57	55.89	49.78	51.41	7.63	ppb
Lithium	6-1				82		%
Magnesium	24-2	17831.82	17866.60	17781.38	17826.60	0.24	ppb
Manganese	55-2	2213.50	2248.22	2232.18	2231.30	0.78	ppb
Molybdenum	94-1	29.30	33.99	30.44	31.24	7.83	ppb
Molybdenum	95-1	1.12	1.30	1.14	1.19	8.12	ppb
Molybdenum	96-1	4.74	5.38	4.97	5.03	6.41	ppb
Molybdenum	97-1	1.04	1.26	1.16	1.15	9.75	ppb
Molybdenum	98-1	1.07	1.26	1.11	1.15	8.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.19	95.12	95.71	95.67	0.56	ppb
Phosphorus	31-2	2036.89	2070.63	2051.97	2053.16	0.82	ppb
Potassium	39-2	9836.36	9735.87	9891.81	9821.34	0.80	ppb
Rhodium	103-1				92		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	82-1	0.86	1.26	0.86	1.00	23.12	ppb
Selenium	77-2	18.45	16.80	16.10	17.12	7.07	ppb
Selenium	78-2	2.08	2.87	4.38	3.11	37.64	ppb
Silicon	28-1	767.14	869.43	776.65	804.41	7.03	ppb
Silver	107-1	0.47	0.48	0.43	0.46	5.50	ppb
Silver	109-1	0.48	0.48	0.43	0.47	5.79	ppb
Sodium	23-2	177.51	177.84	179.13	178.16	0.48	ppb
Strontium	86-1	78.57	89.20	80.69	82.82	6.80	ppb
Strontium	88-1	80.47	93.09	83.23	85.60	7.75	ppb
Sulfur	34-1	-1078.11	-726.88	-1153.55	-986.18		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.38	0.43	0.40	0.41	6.23	ppb
Thallium	205-1	0.39	0.46	0.39	0.42	9.34	ppb
Tin	118-1	2.86	3.36	2.95	3.06	8.76	ppb
Titanium	47-1	1072.03	1211.77	1079.26	1121.02	7.02	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:36:32	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.36	1.21	1.25	7.72	ppb
Vanadium	51-2	166.40	166.15	164.54	165.70	0.61	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	266.74	262.97	262.74	264.15	0.85	ppb
Zirconium	90-1	16.98	19.51	17.52	18.00	7.38	ppb
Zirconium	91-1	17.89	19.59	17.63	18.37	5.82	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:40:22	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41311.86	40663.37	41750.47	41241.90	1.33	ppb
Antimony	121-1	2.12	2.11	2.17	2.13	1.28	ppb
Arsenic	75-2	97.88	98.42	95.96	97.42	1.33	ppb
Barium	135-1	436.47	438.01	440.73	438.40	0.49	ppb
Barium	137-1	479.03	477.53	493.07	483.21	1.77	ppb
Beryllium	9-1	1.43	1.41	1.58	1.47	6.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.59	2.70	2.48	2.59	4.17	ppb
Cadmium	106-1	1.80	1.65	2.19	1.88	14.88	ppb
Cadmium	111-1	1.28	1.24	1.35	1.29	4.26	ppb
Calcium	43-1	10156.72	10015.31	10239.09	10137.04	1.12	ppb
Calcium	44-1	9651.46	9431.71	9785.53	9622.90	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.98	98.94	100.78	99.57	1.05	ppb
Cobalt	59-2	47.07	46.63	46.92	46.87	0.48	ppb
Copper	63-2	202.92	203.69	206.90	204.50	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				107		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	94904.97	94827.98	94992.82	94908.59	0.09	ppb
Iron	57-2	93692.27	93492.57	94674.61	93953.15	0.67	ppb
Iron	54-2	94415.53	93627.72	95483.27	94508.84	0.99	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:40:22	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.79	51.26	52.36	51.47	1.56	ppb
Lead	207-1	49.76	49.96	50.64	50.12	0.93	ppb
Lead	208-1	49.94	50.42	51.08	50.48	1.14	ppb
Lithium	6-1				87		%
Magnesium	24-2	18334.60	17961.28	18488.36	18261.41	1.48	ppb
Manganese	55-2	2324.87	2315.93	2332.58	2324.46	0.36	ppb
Molybdenum	94-1	30.35	30.26	31.31	30.64	1.90	ppb
Molybdenum	95-1	1.17	1.17	1.17	1.17	0.33	ppb
Molybdenum	96-1	4.97	4.97	5.00	4.98	0.35	ppb
Molybdenum	97-1	1.21	1.19	1.17	1.19	1.66	ppb
Molybdenum	98-1	1.11	1.14	1.11	1.12	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.63	96.38	98.65	97.55	1.16	ppb
Phosphorus	31-2	2109.23	2077.01	2067.95	2084.73	1.04	ppb
Potassium	39-2	9921.83	9924.81	10147.10	9997.91	1.29	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	0.42	0.33	0.70	0.49	39.55	ppb
Selenium	77-2	20.68	23.60	21.67	21.98	6.77	ppb
Selenium	78-2	3.76	3.93	3.56	3.75	4.97	ppb
Silicon	28-1	771.92	762.03	784.29	772.75	1.44	ppb
Silver	107-1	0.42	0.40	0.43	0.42	3.46	ppb
Silver	109-1	0.40	0.41	0.42	0.41	1.64	ppb
Sodium	23-2	176.94	177.03	178.41	177.46	0.46	ppb
Strontium	86-1	80.46	81.34	81.86	81.22	0.87	ppb
Strontium	88-1	83.75	83.36	84.08	83.73	0.43	ppb
Sulfur	34-1	-1019.97	-1117.34	-1018.84	-1052.05		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.38	0.40	0.39	0.39	2.84	ppb
Thallium	205-1	0.39	0.42	0.40	0.40	3.79	ppb
Tin	118-1	2.94	2.92	2.96	2.94	0.71	ppb
Titanium	47-1	1081.04	1089.73	1115.63	1095.47	1.64	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:40:22	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.24	1.26	1.25	0.69	ppb
Vanadium	51-2	168.10	166.12	169.39	167.87	0.98	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	269.29	268.31	275.12	270.91	1.36	ppb
Zirconium	90-1	17.59	17.45	17.68	17.57	0.66	ppb
Zirconium	91-1	17.55	17.64	17.93	17.71	1.11	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:44:39	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8614.00	8556.84	8634.02	8601.62	0.47	ppb
Antimony	121-1	0.39	0.45	0.42	0.42	7.37	ppb
Arsenic	75-2	20.07	18.96	19.78	19.60	2.95	ppb
Barium	135-1	81.29	82.34	85.89	83.17	2.90	ppb
Barium	137-1	82.60	83.53	86.18	84.10	2.21	ppb
Beryllium	9-1	0.29	0.39	0.31	0.33	15.91	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.54	0.59	0.57	0.57	4.92	ppb
Cadmium	106-1	-0.35	-1.63	-0.42	-0.80		ppb
Cadmium	111-1	0.20	0.10	0.20	0.16	35.52	ppb
Calcium	43-1	2089.13	2092.60	2093.37	2091.70	0.11	ppb
Calcium	44-1	2089.99	2113.99	2151.45	2118.48	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.54	20.60	20.88	20.67	0.86	ppb
Cobalt	59-2	9.61	9.71	9.79	9.70	0.91	ppb
Copper	63-2	42.99	42.84	43.03	42.95	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				106		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	19687.87	19619.84	19600.09	19635.94	0.23	ppb
Iron	57-2	20000.51	20061.67	19873.41	19978.53	0.48	ppb
Iron	54-2	19488.12	19924.28	19567.05	19659.81	1.18	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:44:39	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.78	9.85	10.00	9.88	1.12	ppb
Lead	207-1	9.46	9.67	9.83	9.66	1.92	ppb
Lead	208-1	9.56	9.65	9.90	9.70	1.83	ppb
Lithium	6-1				85		%
Magnesium	24-2	3868.50	3862.61	3863.12	3864.74	0.08	ppb
Manganese	55-2	470.53	471.62	467.29	469.81	0.48	ppb
Molybdenum	94-1	6.19	6.33	6.45	6.32	2.09	ppb
Molybdenum	95-1	0.24	0.25	0.25	0.24	1.76	ppb
Molybdenum	96-1	1.05	1.05	1.07	1.05	0.93	ppb
Molybdenum	97-1	0.21	0.24	0.25	0.24	9.25	ppb
Molybdenum	98-1	0.25	0.24	0.24	0.24	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.32	20.27	20.44	20.34	0.44	ppb
Phosphorus	31-2	446.53	425.35	419.73	430.53	3.28	ppb
Potassium	39-2	2185.15	2186.60	2166.70	2179.49	0.51	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	82-1	0.28	0.23	0.02	0.17	77.75	ppb
Selenium	77-2	4.44	3.64	2.77	3.61	23.03	ppb
Selenium	78-2	0.10	0.39	1.68	0.72	116.26	ppb
Silicon	28-1	161.72	162.87	164.37	162.99	0.82	ppb
Silver	107-1	0.08	0.08	0.09	0.08	2.35	ppb
Silver	109-1	0.08	0.08	0.09	0.08	6.69	ppb
Sodium	23-2	40.50	41.14	39.06	40.23	2.64	ppb
Strontium	86-1	16.53	16.84	17.00	16.79	1.42	ppb
Strontium	88-1	16.53	16.98	17.01	16.84	1.59	ppb
Sulfur	34-1	-1137.93	-1256.50	-1147.78	-1180.74		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.06	0.08	0.07	10.33	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	3.36	ppb
Tin	118-1	0.59	0.59	0.58	0.58	0.32	ppb
Titanium	47-1	226.80	230.45	232.17	229.81	1.19	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:44:39	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.23	0.23	1.68	ppb
Vanadium	51-2	34.41	35.12	34.73	34.75	1.03	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	56.99	56.23	55.63	56.29	1.21	ppb
Zirconium	90-1	3.48	3.64	3.64	3.59	2.51	ppb
Zirconium	91-1	3.58	3.70	3.81	3.70	3.15	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:47:50	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40420.44	41334.05	41263.56	41006.02	1.24	ppb
Antimony	121-1	54.10	55.05	55.45	54.87	1.26	ppb
Arsenic	75-2	113.91	115.95	117.80	115.89	1.68	ppb
Barium	135-1	1502.03	1521.71	1555.91	1526.55	1.79	ppb
Barium	137-1	1526.25	1532.31	1584.27	1547.61	2.06	ppb
Beryllium	9-1	30.22	30.43	30.79	30.48	0.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.09	26.77	28.41	27.42	3.17	ppb
Cadmium	106-1	26.38	25.43	25.73	25.85	1.89	ppb
Cadmium	111-1	27.41	27.67	28.06	27.71	1.18	ppb
Calcium	43-1	9785.12	9895.24	9882.40	9854.25	0.61	ppb
Calcium	44-1	9291.48	9458.57	9436.69	9395.58	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	212.50	215.97	215.72	214.73	0.90	ppb
Cobalt	59-2	341.05	342.85	342.60	342.17	0.28	ppb
Copper	63-2	332.92	338.34	337.68	336.31	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	92136.06	94062.33	93485.80	93228.06	1.06	ppb
Iron	57-2	91056.10	92199.38	93734.87	92330.12	1.46	ppb
Iron	54-2	92925.93	93642.19	93499.38	93355.83	0.41	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:47:50	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	59.84	60.00	61.40	60.41	1.42	ppb
Lead	207-1	58.79	58.16	60.21	59.06	1.77	ppb
Lead	208-1	58.72	58.98	60.48	59.39	1.60	ppb
Lithium	6-1				86		%
Magnesium	24-2	17682.19	17813.76	17857.43	17784.46	0.51	ppb
Manganese	55-2	2516.83	2545.30	2523.98	2528.70	0.59	ppb
Molybdenum	94-1	27.26	27.56	28.13	27.65	1.59	ppb
Molybdenum	95-1	1.16	1.20	1.17	1.18	1.64	ppb
Molybdenum	96-1	4.59	4.66	4.64	4.63	0.82	ppb
Molybdenum	97-1	1.14	1.21	1.24	1.20	4.13	ppb
Molybdenum	98-1	1.12	1.13	1.16	1.14	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	390.21	394.32	395.44	393.33	0.70	ppb
Phosphorus	31-2	2040.81	2039.64	2069.04	2049.83	0.81	ppb
Potassium	39-2	9702.01	9677.16	9704.24	9694.47	0.16	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	30.22	30.61	30.95	30.59	1.19	ppb
Selenium	77-2	46.35	45.51	53.94	48.60	9.55	ppb
Selenium	78-2	39.31	36.20	32.10	35.87	10.08	ppb
Silicon	28-1	583.11	591.46	596.56	590.38	1.15	ppb
Silver	107-1	22.49	22.66	23.14	22.76	1.47	ppb
Silver	109-1	22.66	22.99	23.28	22.98	1.35	ppb
Sodium	23-2	168.37	171.00	171.54	170.30	1.00	ppb
Strontium	86-1	77.30	77.73	78.92	77.98	1.08	ppb
Strontium	88-1	81.72	80.64	81.20	81.19	0.67	ppb
Sulfur	34-1	-1054.17	-1072.50	-1023.10	-1049.92		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	24.02	24.57	25.02	24.53	2.04	ppb
Thallium	205-1	24.25	24.24	25.04	24.51	1.88	ppb
Tin	118-1	2.86	2.90	2.90	2.89	0.90	ppb
Titanium	47-1	1021.46	1036.86	1036.18	1031.50	0.84	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:47:50	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.19	1.24	1.21	1.90	ppb
Vanadium	51-2	444.95	453.61	452.52	450.36	1.05	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	533.76	546.51	547.19	542.49	1.39	ppb
Zirconium	90-1	15.47	15.78	15.89	15.71	1.36	ppb
Zirconium	91-1	15.77	15.76	15.93	15.82	0.61	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:50:55	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43881.43	44830.98	44415.29	44375.90	1.07	ppb
Antimony	121-1	264.87	270.02	273.94	269.61	1.69	ppb
Arsenic	75-2	193.91	199.84	194.91	196.22	1.62	ppb
Barium	135-1	5459.63	5559.52	5708.09	5575.74	2.24	ppb
Barium	137-1	5565.99	5643.86	5645.67	5618.51	0.81	ppb
Beryllium	9-1	131.96	135.91	137.96	135.28	2.26	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	117.12	116.98	120.07	118.06	1.48	ppb
Cadmium	106-1	110.59	114.42	113.30	112.77	1.75	ppb
Cadmium	111-1	123.25	126.99	126.68	125.64	1.65	ppb
Calcium	43-1	9546.25	9689.48	9901.97	9712.57	1.84	ppb
Calcium	44-1	9114.40	9242.49	9293.92	9216.94	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	663.27	665.04	668.59	665.64	0.41	ppb
Cobalt	59-2	1476.68	1498.73	1495.23	1490.22	0.80	ppb
Copper	63-2	891.75	911.00	889.01	897.25	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	94227.18	95529.06	94071.47	94609.24	0.85	ppb
Iron	57-2	93447.14	94430.98	94247.30	94041.81	0.56	ppb
Iron	54-2	93604.43	94600.99	94135.08	94113.50	0.53	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:50:55	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.50	97.06	95.16	95.24	1.87	ppb
Lead	207-1	92.13	94.65	94.46	93.75	1.50	ppb
Lead	208-1	100.98	103.60	102.93	102.50	1.33	ppb
Lithium	6-1				86		%
Magnesium	24-2	17517.09	17651.12	17458.51	17542.24	0.56	ppb
Manganese	55-2	3572.58	3599.09	3567.07	3579.58	0.48	ppb
Molybdenum	94-1	26.80	27.74	27.71	27.42	1.95	ppb
Molybdenum	95-1	1.19	1.24	1.22	1.22	1.84	ppb
Molybdenum	96-1	4.50	4.58	4.61	4.57	1.30	ppb
Molybdenum	97-1	1.09	1.09	1.17	1.12	4.19	ppb
Molybdenum	98-1	1.13	1.18	1.16	1.16	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1631.32	1626.95	1614.53	1624.27	0.54	ppb
Phosphorus	31-2	2057.99	2032.81	2040.34	2043.71	0.63	ppb
Potassium	39-2	9672.93	9634.61	9594.28	9633.94	0.41	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	272.97	276.47	280.45	276.63	1.35	ppb
Selenium	77-2	290.36	300.91	296.60	295.96	1.79	ppb
Selenium	78-2	291.93	284.75	284.26	286.98	1.50	ppb
Silicon	28-1	581.39	586.11	602.45	589.99	1.87	ppb
Silver	107-1	105.95	105.65	105.58	105.73	0.19	ppb
Silver	109-1	106.94	106.04	106.78	106.59	0.45	ppb
Sodium	23-2	169.35	171.07	169.69	170.04	0.54	ppb
Strontium	86-1	75.25	77.45	77.70	76.80	1.75	ppb
Strontium	88-1	77.30	80.61	79.98	79.30	2.22	ppb
Sulfur	34-1	-1104.95	-1167.90	-1070.25	-1114.37		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	113.20	115.08	115.24	114.50	0.99	ppb
Thallium	205-1	132.62	135.35	134.94	134.30	1.10	ppb
Tin	118-1	2.72	2.80	2.81	2.78	1.85	ppb
Titanium	47-1	1001.51	1016.48	1042.06	1020.02	2.01	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:50:55	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.18	1.17	1.17	1.52	ppb
Vanadium	51-2	1538.08	1545.51	1518.63	1534.08	0.90	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	1612.17	1629.12	1616.77	1619.35	0.54	ppb
Zirconium	90-1	15.35	15.75	15.99	15.70	2.06	ppb
Zirconium	91-1	15.67	16.01	16.16	15.95	1.59	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:53:50	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49792.57	49889.14	50519.65	50067.12	0.79	ppb
Antimony	121-1	2.91	2.95	3.06	2.97	2.53	ppb
Arsenic	75-2	180.18	177.64	178.62	178.81	0.72	ppb
Barium	135-1	692.79	694.74	710.69	699.41	1.40	ppb
Barium	137-1	703.37	699.48	717.95	706.93	1.38	ppb
Beryllium	9-1	2.01	1.76	1.81	1.86	7.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.30	4.58	4.98	4.62	7.37	ppb
Cadmium	106-1	6.06	4.81	4.39	5.09	17.10	ppb
Cadmium	111-1	2.41	2.35	2.39	2.38	1.30	ppb
Calcium	43-1	12295.60	12721.41	12861.34	12626.11	2.33	ppb
Calcium	44-1	11844.62	12105.43	12173.70	12041.25	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.66	123.92	124.53	124.04	0.36	ppb
Cobalt	59-2	61.86	62.13	62.22	62.07	0.30	ppb
Copper	63-2	396.46	396.82	399.89	397.72	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	127754.63	128421.11	128485.46	128220.40	0.32	ppb
Iron	57-2	127088.78	128584.85	127116.90	127596.84	0.67	ppb
Iron	54-2	127163.49	127535.32	128555.20	127751.34	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:53:50	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.91	89.01	88.31	88.08	1.22	ppb
Lead	207-1	86.13	87.08	87.86	87.02	1.00	ppb
Lead	208-1	86.08	87.34	94.71	89.38	5.22	ppb
Lithium	6-1				85		%
Magnesium	24-2	25515.97	25750.21	25717.25	25661.14	0.49	ppb
Manganese	55-2	2713.06	2708.00	2693.60	2704.88	0.37	ppb
Molybdenum	94-1	50.41	51.51	52.04	51.32	1.63	ppb
Molybdenum	95-1	1.37	1.41	1.36	1.38	1.87	ppb
Molybdenum	96-1	7.54	7.54	7.64	7.57	0.78	ppb
Molybdenum	97-1	1.29	1.36	1.36	1.34	3.03	ppb
Molybdenum	98-1	1.30	1.31	1.37	1.33	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	154.68	155.02	156.02	155.24	0.45	ppb
Phosphorus	31-2	2769.78	2803.32	2735.22	2769.44	1.23	ppb
Potassium	39-2	7845.33	7914.45	7879.27	7879.68	0.44	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	1.31	1.35	1.14	1.27	9.04	ppb
Selenium	77-2	23.44	24.22	21.99	23.22	4.89	ppb
Selenium	78-2	5.05	6.22	5.65	5.64	10.41	ppb
Silicon	28-1	970.29	986.58	995.22	984.03	1.29	ppb
Silver	107-1	0.76	0.68	0.70	0.71	5.78	ppb
Silver	109-1	0.75	0.71	0.70	0.72	3.82	ppb
Sodium	23-2	143.27	144.94	144.67	144.29	0.62	ppb
Strontium	86-1	143.99	146.02	147.03	145.68	1.06	ppb
Strontium	88-1	148.75	150.97	151.29	150.34	0.92	ppb
Sulfur	34-1	-1199.44	-1244.71	-1178.28	-1207.48		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.53	0.55	0.55	0.54	1.91	ppb
Thallium	205-1	0.54	0.56	0.56	0.55	2.07	ppb
Tin	118-1	2.56	2.57	2.67	2.60	2.38	ppb
Titanium	47-1	1253.89	1289.95	1300.67	1281.50	1.91	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:53:50	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.50	1.57	1.54	1.54	2.19	ppb
Vanadium	51-2	234.45	236.87	237.07	236.13	0.62	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	381.54	378.28	380.00	379.94	0.43	ppb
Zirconium	90-1	29.34	29.72	30.52	29.86	2.01	ppb
Zirconium	91-1	29.44	30.28	30.42	30.05	1.76	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:56:55	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45650.92	47506.29	47806.84	46988.02	2.49	ppb
Antimony	121-1	2.71	2.82	2.79	2.77	2.16	ppb
Arsenic	75-2	161.29	174.59	171.22	169.04	4.09	ppb
Barium	135-1	676.46	678.21	672.23	675.63	0.46	ppb
Barium	137-1	687.20	689.39	684.03	686.87	0.39	ppb
Beryllium	9-1	1.86	1.94	1.79	1.86	4.00	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.63	4.51	4.13	4.42	5.96	ppb
Cadmium	106-1	5.62	4.26	4.53	4.80	14.94	ppb
Cadmium	111-1	2.34	2.33	2.34	2.34	0.39	ppb
Calcium	43-1	11990.73	12077.56	12401.51	12156.60	1.78	ppb
Calcium	44-1	11340.21	11430.19	11658.84	11476.42	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.93	117.93	119.33	116.40	3.37	ppb
Cobalt	59-2	57.35	60.63	60.15	59.38	2.98	ppb
Copper	63-2	362.48	383.60	383.36	376.48	3.22	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				107		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	115887.04	123312.95	123755.12	120985.04	3.65	ppb
Iron	57-2	115174.33	121191.31	122682.38	119682.67	3.32	ppb
Iron	54-2	115719.42	123082.79	122282.39	120361.53	3.36	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:56:55	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	84.10	83.96	86.12	84.72	1.43	ppb
Lead	207-1	82.75	83.41	84.21	83.46	0.88	ppb
Lead	208-1	82.83	83.22	84.58	83.54	1.10	ppb
Lithium	6-1				85		%
Magnesium	24-2	23218.48	24380.61	24455.92	24018.34	2.89	ppb
Manganese	55-2	2500.42	2663.12	2622.93	2595.49	3.27	ppb
Molybdenum	94-1	48.94	49.48	50.30	49.57	1.38	ppb
Molybdenum	95-1	1.29	1.29	1.27	1.29	0.74	ppb
Molybdenum	96-1	7.24	7.37	7.48	7.36	1.64	ppb
Molybdenum	97-1	1.23	1.25	1.29	1.26	2.47	ppb
Molybdenum	98-1	1.22	1.23	1.29	1.25	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	142.26	149.84	150.14	147.41	3.03	ppb
Phosphorus	31-2	2575.77	2648.81	2645.83	2623.47	1.58	ppb
Potassium	39-2	7211.52	7625.88	7715.34	7517.58	3.58	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	0.95	1.47	1.51	1.31	23.91	ppb
Selenium	77-2	20.78	25.26	23.00	23.01	9.74	ppb
Selenium	78-2	5.52	4.73	4.06	4.77	15.34	ppb
Silicon	28-1	953.28	959.33	986.87	966.50	1.85	ppb
Silver	107-1	0.65	0.67	0.64	0.65	2.87	ppb
Silver	109-1	0.66	0.67	0.63	0.65	2.98	ppb
Sodium	23-2	131.90	140.84	141.62	138.12	3.91	ppb
Strontium	86-1	139.40	139.73	141.23	140.12	0.70	ppb
Strontium	88-1	144.17	142.13	145.94	144.08	1.32	ppb
Sulfur	34-1	-1209.15	-1269.69	-1247.84	-1242.23		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.50	0.51	0.52	0.51	2.50	ppb
Thallium	205-1	0.49	0.50	0.49	0.49	2.08	ppb
Tin	118-1	2.48	2.57	2.63	2.56	2.91	ppb
Titanium	47-1	1217.41	1234.69	1269.18	1240.43	2.12	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:56:55	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.44	1.49	1.47	1.69	ppb
Vanadium	51-2	215.22	227.27	228.44	223.64	3.27	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	345.82	366.05	363.89	358.59	3.10	ppb
Zirconium	90-1	28.33	28.92	29.23	28.82	1.59	ppb
Zirconium	91-1	28.50	29.31	29.48	29.10	1.80	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:59:58	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10210.95	10218.97	10297.23	10242.39	0.47	ppb
Antimony	121-1	0.54	0.56	0.59	0.56	3.77	ppb
Arsenic	75-2	36.31	37.50	37.33	37.04	1.74	ppb
Barium	135-1	121.46	122.87	125.75	123.36	1.77	ppb
Barium	137-1	123.38	124.96	127.80	125.38	1.78	ppb
Beryllium	9-1	0.38	0.35	0.32	0.35	8.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	0.96	1.04	0.89	20.39	ppb
Cadmium	106-1	-0.97	-0.27	-0.96	-0.73		ppb
Cadmium	111-1	0.35	0.36	0.33	0.35	4.90	ppb
Calcium	43-1	2566.01	2626.64	2616.42	2603.02	1.25	ppb
Calcium	44-1	2598.35	2658.53	2681.49	2646.13	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.71	25.68	25.37	25.58	0.74	ppb
Cobalt	59-2	13.03	12.89	12.93	12.95	0.56	ppb
Copper	63-2	82.70	83.44	82.59	82.91	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				106		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	26447.91	26388.36	26423.61	26419.96	0.11	ppb
Iron	57-2	26136.02	26471.37	26284.32	26297.24	0.64	ppb
Iron	54-2	26350.37	26281.83	26114.72	26248.97	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:59:58	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.65	16.70	16.90	16.75	0.79	ppb
Lead	207-1	16.23	16.27	16.71	16.40	1.61	ppb
Lead	208-1	16.34	16.45	16.62	16.47	0.86	ppb
Lithium	6-1				84		%
Magnesium	24-2	5182.07	5213.64	5296.94	5230.88	1.13	ppb
Manganese	55-2	557.65	557.06	557.88	557.53	0.08	ppb
Molybdenum	94-1	10.32	10.34	10.47	10.38	0.80	ppb
Molybdenum	95-1	0.30	0.30	0.29	0.29	1.63	ppb
Molybdenum	96-1	1.51	1.53	1.63	1.56	4.07	ppb
Molybdenum	97-1	0.33	0.28	0.30	0.30	8.21	ppb
Molybdenum	98-1	0.29	0.29	0.29	0.29	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.46	32.81	32.46	32.58	0.61	ppb
Phosphorus	31-2	572.00	581.23	555.09	569.44	2.33	ppb
Potassium	39-2	1716.63	1713.47	1707.09	1712.40	0.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	0.07	0.09	0.19	0.11	54.00	ppb
Selenium	77-2	4.64	6.09	4.93	5.22	14.65	ppb
Selenium	78-2	1.26	1.83	0.20	1.10	75.62	ppb
Silicon	28-1	197.56	203.82	204.91	202.09	1.96	ppb
Silver	107-1	0.14	0.13	0.14	0.13	2.41	ppb
Silver	109-1	0.12	0.12	0.14	0.13	6.25	ppb
Sodium	23-2	31.85	31.42	32.49	31.92	1.69	ppb
Strontium	86-1	29.27	29.67	29.80	29.58	0.93	ppb
Strontium	88-1	29.33	29.49	29.96	29.59	1.11	ppb
Sulfur	34-1	-1250.78	-1277.87	-1182.10	-1236.92		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.10	0.10	0.10	3.85	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	3.22	ppb
Tin	118-1	0.51	0.52	0.60	0.54	9.63	ppb
Titanium	47-1	261.14	267.73	268.62	265.83	1.54	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:59:58	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.28	0.28	0.28	1.64	ppb
Vanadium	51-2	48.40	47.82	48.18	48.13	0.60	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	79.50	79.32	78.58	79.13	0.62	ppb
Zirconium	90-1	5.86	6.10	6.07	6.01	2.14	ppb
Zirconium	91-1	5.88	5.92	6.06	5.95	1.62	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:03:10	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50230.90	49957.48	50123.51	50103.96	0.27	ppb
Antimony	121-1	56.02	57.11	57.19	56.77	1.15	ppb
Arsenic	75-2	205.64	203.07	202.71	203.80	0.78	ppb
Barium	135-1	1777.39	1809.50	1811.11	1799.33	1.06	ppb
Barium	137-1	1805.24	1816.64	1817.64	1813.17	0.38	ppb
Beryllium	9-1	30.80	29.64	30.91	30.45	2.30	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.63	28.99	30.07	29.23	2.55	ppb
Cadmium	106-1	30.29	29.36	29.60	29.75	1.63	ppb
Cadmium	111-1	29.28	29.09	28.68	29.02	1.05	ppb
Calcium	43-1	12606.54	12608.60	12646.44	12620.53	0.18	ppb
Calcium	44-1	11953.19	11989.37	11975.44	11972.67	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241.57	242.39	240.81	241.59	0.33	ppb
Cobalt	59-2	365.93	362.96	364.47	364.45	0.41	ppb
Copper	63-2	561.01	570.18	558.44	563.21	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				107		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	128535.27	128409.19	128770.80	128571.75	0.14	ppb
Iron	57-2	128071.00	127563.81	126252.25	127295.69	0.74	ppb
Iron	54-2	127719.84	128803.52	128207.68	128243.68	0.42	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:03:10	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	97.03	97.67	98.06	97.58	0.53	ppb
Lead	207-1	94.80	96.37	97.13	96.10	1.24	ppb
Lead	208-1	103.70	105.43	105.49	104.88	0.97	ppb
Lithium	6-1				85		%
Magnesium	24-2	25037.55	24976.84	25136.89	25050.43	0.32	ppb
Manganese	55-2	2981.74	2977.89	3003.52	2987.71	0.46	ppb
Molybdenum	94-1	49.98	51.63	51.19	50.93	1.68	ppb
Molybdenum	95-1	1.36	1.39	1.40	1.38	1.37	ppb
Molybdenum	96-1	7.38	7.54	7.46	7.46	1.04	ppb
Molybdenum	97-1	1.38	1.39	1.39	1.38	0.58	ppb
Molybdenum	98-1	1.31	1.28	1.28	1.29	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.37	455.49	453.47	453.44	0.45	ppb
Phosphorus	31-2	2723.35	2776.51	2785.16	2761.67	1.21	ppb
Potassium	39-2	7810.36	7826.70	7951.88	7862.98	0.98	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	53.11	54.84	53.45	53.80	1.70	ppb
Selenium	77-2	78.52	72.44	80.23	77.06	5.32	ppb
Selenium	78-2	62.33	58.53	61.26	60.71	3.23	ppb
Silicon	28-1	894.40	891.15	895.01	893.52	0.23	ppb
Silver	107-1	23.08	23.89	23.67	23.55	1.77	ppb
Silver	109-1	23.52	23.78	23.96	23.75	0.93	ppb
Sodium	23-2	138.96	141.76	140.53	140.42	1.00	ppb
Strontium	86-1	142.65	144.55	144.97	144.06	0.86	ppb
Strontium	88-1	148.31	150.86	149.33	149.50	0.86	ppb
Sulfur	34-1	-1118.31	-1227.40	-1190.82	-1178.84		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	24.82	25.07	25.17	25.02	0.71	ppb
Thallium	205-1	24.70	24.82	25.04	24.85	0.69	ppb
Tin	118-1	2.64	2.73	2.75	2.71	2.21	ppb
Titanium	47-1	1258.61	1269.80	1262.00	1263.47	0.45	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:03:10	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.51	1.54	1.54	1.53	1.05	ppb
Vanadium	51-2	523.38	518.12	521.01	520.84	0.51	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	660.86	655.54	661.13	659.18	0.48	ppb
Zirconium	90-1	29.18	29.63	29.63	29.48	0.89	ppb
Zirconium	91-1	29.34	30.06	30.07	29.82	1.40	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:06:09	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61292.06	50542.97	52277.21	54704.08	10.55	ppb
Antimony	121-1	274.35	269.16	272.06	271.86	0.96	ppb
Arsenic	75-2	321.29	268.57	277.65	289.17	9.75	ppb
Barium	135-1	5883.10	5811.63	5844.14	5846.29	0.61	ppb
Barium	137-1	5923.75	5916.79	5964.28	5934.94	0.43	ppb
Beryllium	9-1	137.81	138.24	139.35	138.47	0.57	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	121.09	117.47	120.02	119.53	1.56	ppb
Cadmium	106-1	118.04	114.23	118.14	116.80	1.91	ppb
Cadmium	111-1	128.83	126.56	128.91	128.10	1.04	ppb
Calcium	43-1	12098.56	11980.71	12223.83	12101.03	1.00	ppb
Calcium	44-1	11409.42	11281.19	11640.46	11443.69	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	809.42	657.71	684.34	717.16	11.30	ppb
Cobalt	59-2	1764.18	1424.65	1450.65	1546.49	12.22	ppb
Copper	63-2	1289.17	1050.92	1085.93	1142.01	11.26	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				108		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	149736.06	123629.58	126273.17	133212.94	10.79	ppb
Iron	57-2	147823.35	122065.05	126792.98	132227.13	10.37	ppb
Iron	54-2	149393.71	122981.41	126416.91	132930.68	10.80	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:06:09	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	131.52	133.23	132.42	132.39	0.64	ppb
Lead	207-1	129.40	130.93	130.62	130.32	0.62	ppb
Lead	208-1	141.13	144.30	142.61	142.68	1.11	ppb
Lithium	6-1				84		%
Magnesium	24-2	28806.53	23649.44	24432.57	25629.51	10.84	ppb
Manganese	55-2	4676.55	3903.81	3970.68	4183.68	10.23	ppb
Molybdenum	94-1	49.16	49.05	49.34	49.19	0.30	ppb
Molybdenum	95-1	1.40	1.38	1.37	1.38	1.00	ppb
Molybdenum	96-1	7.38	7.37	7.26	7.34	0.87	ppb
Molybdenum	97-1	1.40	1.38	1.34	1.37	2.24	ppb
Molybdenum	98-1	1.33	1.36	1.27	1.32	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1950.09	1578.03	1634.32	1720.81	11.65	ppb
Phosphorus	31-2	3157.50	2572.54	2632.95	2787.66	11.54	ppb
Potassium	39-2	9014.92	7242.29	7535.73	7930.98	11.98	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	276.75	277.27	272.78	275.60	0.89	ppb
Selenium	77-2	344.77	303.21	312.51	320.16	6.81	ppb
Selenium	78-2	332.20	282.39	294.18	302.92	8.59	ppb
Silicon	28-1	850.96	852.11	862.15	855.07	0.72	ppb
Silver	107-1	108.31	106.79	108.75	107.95	0.95	ppb
Silver	109-1	108.59	106.72	109.61	108.31	1.36	ppb
Sodium	23-2	164.45	136.51	138.37	146.45	10.67	ppb
Strontium	86-1	138.03	139.05	138.58	138.56	0.37	ppb
Strontium	88-1	143.62	144.05	143.30	143.66	0.26	ppb
Sulfur	34-1	-1249.91	-1215.81	-1248.45	-1238.06		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	115.68	116.96	116.59	116.41	0.57	ppb
Thallium	205-1	137.13	136.86	135.28	136.42	0.73	ppb
Tin	118-1	2.56	2.55	2.56	2.56	0.24	ppb
Titanium	47-1	1214.01	1219.27	1214.24	1215.84	0.24	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:06:09	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.50	1.49	1.49	0.54	ppb
Vanadium	51-2	1873.06	1540.33	1586.26	1666.55	10.82	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	2004.10	1651.96	1697.11	1784.39	10.74	ppb
Zirconium	90-1	28.27	28.67	28.44	28.46	0.70	ppb
Zirconium	91-1	28.42	29.05	28.55	28.67	1.15	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:09:06	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52066.00	52096.22	51845.52	52002.58	0.26	ppb
Antimony	121-1	2.12	2.26	2.23	2.20	3.20	ppb
Arsenic	75-2	285.89	280.23	279.91	282.01	1.19	ppb
Barium	135-1	517.67	524.62	541.50	527.93	2.32	ppb
Barium	137-1	569.69	583.67	592.74	582.03	2.00	ppb
Beryllium	9-1	2.67	2.58	2.77	2.67	3.65	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.02	5.78	6.30	6.03	4.34	ppb
Cadmium	106-1	6.42	5.43	5.70	5.85	8.69	ppb
Cadmium	111-1	4.68	4.56	4.99	4.74	4.62	ppb
Calcium	43-1	12367.69	12464.10	12716.99	12516.26	1.44	ppb
Calcium	44-1	11756.64	11926.87	12082.93	11922.15	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.99	107.10	106.63	106.91	0.23	ppb
Cobalt	59-2	52.24	52.16	52.35	52.25	0.18	ppb
Copper	63-2	541.25	541.84	536.97	540.02	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				108		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	122535.09	123276.96	123079.75	122963.93	0.31	ppb
Iron	57-2	122941.18	121732.65	122117.81	122263.88	0.50	ppb
Iron	54-2	121918.59	123120.28	122072.20	122370.36	0.53	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:09:06	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	136.86	140.48	140.02	139.12	1.41	ppb
Lead	207-1	134.83	137.68	138.32	136.94	1.36	ppb
Lead	208-1	147.45	150.17	149.79	149.13	0.99	ppb
Lithium	6-1				83		%
Magnesium	24-2	18378.37	18300.50	18215.86	18298.24	0.44	ppb
Manganese	55-2	5009.52	5090.04	5051.07	5050.21	0.80	ppb
Molybdenum	94-1	34.61	35.06	35.12	34.93	0.79	ppb
Molybdenum	95-1	1.38	1.40	1.39	1.39	0.94	ppb
Molybdenum	96-1	5.79	5.79	5.83	5.80	0.41	ppb
Molybdenum	97-1	1.27	1.36	1.39	1.34	4.57	ppb
Molybdenum	98-1	1.30	1.31	1.29	1.30	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.85	113.77	113.20	113.27	0.41	ppb
Phosphorus	31-2	1473.90	1448.11	1454.36	1458.79	0.92	ppb
Potassium	39-2	7103.71	7031.92	7084.70	7073.44	0.53	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	1.48	0.76	1.60	1.28	35.38	ppb
Selenium	77-2	17.87	18.91	19.88	18.89	5.30	ppb
Selenium	78-2	4.43	5.45	3.87	4.58	17.42	ppb
Silicon	28-1	892.07	886.32	915.16	897.85	1.70	ppb
Silver	107-1	1.19	1.19	1.23	1.20	1.98	ppb
Silver	109-1	1.22	1.18	1.24	1.21	2.64	ppb
Sodium	23-2	149.00	149.84	148.89	149.24	0.35	ppb
Strontium	86-1	86.65	87.17	87.79	87.20	0.65	ppb
Strontium	88-1	90.32	90.01	91.76	90.69	1.03	ppb
Sulfur	34-1	-1182.56	-1266.43	-1201.42	-1216.80		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.54	0.53	0.50	0.52	3.49	ppb
Thallium	205-1	0.52	0.51	0.52	0.51	1.10	ppb
Tin	118-1	3.06	3.07	3.18	3.10	2.06	ppb
Titanium	47-1	1059.99	1043.50	1065.14	1056.21	1.07	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:09:06	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.27	1.26	1.25	2.60	ppb
Vanadium	51-2	229.93	231.68	230.91	230.84	0.38	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	459.27	459.18	457.10	458.52	0.27	ppb
Zirconium	90-1	19.97	20.18	20.27	20.14	0.77	ppb
Zirconium	91-1	19.79	20.21	20.74	20.25	2.34	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:12:09	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52119.83	52562.43	52246.86	52309.71	0.44	ppb
Antimony	121-1	2.11	2.20	2.21	2.17	2.60	ppb
Arsenic	75-2	276.41	272.42	279.61	276.15	1.30	ppb
Barium	135-1	535.69	538.34	594.50	556.18	5.97	ppb
Barium	137-1	592.86	585.93	599.82	592.87	1.17	ppb
Beryllium	9-1	2.68	2.72	2.68	2.69	0.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.90	6.73	5.69	6.11	8.97	ppb
Cadmium	106-1	6.27	5.15	5.87	5.77	9.85	ppb
Cadmium	111-1	4.83	4.96	5.07	4.95	2.47	ppb
Calcium	43-1	12468.82	12606.11	12789.04	12621.32	1.27	ppb
Calcium	44-1	11946.03	12039.14	12051.41	12012.20	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.30	108.13	107.88	108.11	0.19	ppb
Cobalt	59-2	52.79	53.31	52.88	52.99	0.52	ppb
Copper	63-2	546.15	548.38	548.16	547.57	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				107		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	123327.42	123019.87	124253.83	123533.71	0.52	ppb
Iron	57-2	121438.89	122838.90	122868.84	122382.21	0.67	ppb
Iron	54-2	121897.85	122285.47	123665.78	122616.37	0.76	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:12:09	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	141.80	141.29	142.44	141.84	0.41	ppb
Lead	207-1	139.29	140.12	141.16	140.19	0.67	ppb
Lead	208-1	151.79	151.66	152.70	152.05	0.37	ppb
Lithium	6-1				83		%
Magnesium	24-2	18187.81	18393.21	18435.23	18338.75	0.72	ppb
Manganese	55-2	5068.38	5087.09	5083.77	5079.75	0.20	ppb
Molybdenum	94-1	34.02	34.93	34.90	34.62	1.49	ppb
Molybdenum	95-1	1.39	1.36	1.35	1.37	1.42	ppb
Molybdenum	96-1	5.61	5.70	5.80	5.70	1.67	ppb
Molybdenum	97-1	1.34	1.34	1.31	1.33	1.45	ppb
Molybdenum	98-1	1.29	1.30	1.28	1.29	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.62	113.74	113.43	113.26	0.51	ppb
Phosphorus	31-2	1495.05	1446.82	1449.48	1463.78	1.85	ppb
Potassium	39-2	7112.89	7184.08	7099.52	7132.17	0.64	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	1.40	1.04	1.75	1.40	25.52	ppb
Selenium	77-2	22.93	20.03	20.05	21.00	7.96	ppb
Selenium	78-2	4.63	6.45	4.34	5.14	22.24	ppb
Silicon	28-1	895.16	914.80	911.62	907.19	1.16	ppb
Silver	107-1	1.18	1.19	1.21	1.19	1.19	ppb
Silver	109-1	1.15	1.20	1.20	1.18	2.11	ppb
Sodium	23-2	146.78	149.59	148.36	148.24	0.95	ppb
Strontium	86-1	86.04	86.65	86.96	86.55	0.54	ppb
Strontium	88-1	89.06	89.99	89.85	89.63	0.56	ppb
Sulfur	34-1	-1231.94	-1242.77	-1314.48	-1263.06		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.50	0.47	0.49	0.49	3.65	ppb
Thallium	205-1	0.50	0.49	0.51	0.50	2.35	ppb
Tin	118-1	3.09	3.08	3.14	3.10	1.06	ppb
Titanium	47-1	1065.37	1043.61	1048.93	1052.64	1.08	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:12:09	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.24	1.25	1.24	0.98	ppb
Vanadium	51-2	230.56	230.30	230.99	230.62	0.15	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	463.32	463.99	467.79	465.03	0.52	ppb
Zirconium	90-1	19.76	20.04	20.23	20.01	1.18	ppb
Zirconium	91-1	19.79	20.31	20.30	20.14	1.47	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 20:15:15	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11475.69	11629.92	10917.20	11340.93	3.31	ppb
Antimony	121-1	0.44	0.45	0.43	0.44	2.25	ppb
Arsenic	75-2	59.96	61.12	59.14	60.07	1.66	ppb
Barium	135-1	102.40	103.37	102.51	102.76	0.52	ppb
Barium	137-1	103.90	104.53	104.25	104.23	0.30	ppb
Beryllium	9-1	0.51	0.55	0.52	0.53	3.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.17	0.98	1.24	1.13	11.89	ppb
Cadmium	106-1	-1.55	-1.13	-0.17	-0.95		ppb
Cadmium	111-1	0.75	0.81	0.84	0.80	5.54	ppb
Calcium	43-1	2601.60	2661.69	2632.56	2631.95	1.14	ppb
Calcium	44-1	2663.74	2686.28	2682.52	2677.51	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.49	23.38	22.46	23.11	2.46	ppb
Cobalt	59-2	11.58	11.52	11.04	11.38	2.61	ppb
Copper	63-2	114.37	112.49	108.92	111.93	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	27142.27	26807.22	25815.59	26588.36	2.59	ppb
Iron	57-2	26936.46	26783.09	25995.84	26571.80	1.90	ppb
Iron	54-2	26755.19	27162.71	25791.28	26569.73	2.65	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 20:15:15	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.87	27.27	27.63	27.26	1.38	ppb
Lead	207-1	26.79	27.01	27.40	27.06	1.13	ppb
Lead	208-1	26.61	27.05	27.27	26.98	1.24	ppb
Lithium	6-1				82		%
Magnesium	24-2	4101.97	4073.52	3903.99	4026.49	2.66	ppb
Manganese	55-2	1122.05	1117.59	1062.93	1100.86	2.99	ppb
Molybdenum	94-1	7.21	7.23	7.39	7.28	1.37	ppb
Molybdenum	95-1	0.32	0.31	0.30	0.31	2.21	ppb
Molybdenum	96-1	1.22	1.22	1.23	1.22	0.70	ppb
Molybdenum	97-1	0.29	0.29	0.29	0.29	0.56	ppb
Molybdenum	98-1	0.29	0.27	0.28	0.28	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.66	25.07	24.14	24.62	1.89	ppb
Phosphorus	31-2	309.39	272.38	292.48	291.42	6.36	ppb
Potassium	39-2	1635.23	1627.97	1537.66	1600.29	3.40	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	82-1	0.06	0.17	0.26	0.16	61.92	ppb
Selenium	77-2	2.65	3.88	1.13	2.56	53.89	ppb
Selenium	78-2	0.75	1.63	2.07	1.49	45.10	ppb
Silicon	28-1	187.33	189.60	188.73	188.55	0.61	ppb
Silver	107-1	0.23	0.23	0.24	0.23	3.57	ppb
Silver	109-1	0.24	0.23	0.24	0.23	3.43	ppb
Sodium	23-2	35.30	34.24	30.54	33.36	7.49	ppb
Strontium	86-1	17.93	18.24	18.11	18.09	0.84	ppb
Strontium	88-1	18.07	18.08	18.16	18.10	0.28	ppb
Sulfur	34-1	-1236.35	-1313.53	-1305.96	-1285.28		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.10	0.09	0.09	3.19	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	7.96	ppb
Tin	118-1	0.61	0.65	0.68	0.65	5.10	ppb
Titanium	47-1	225.21	225.24	226.38	225.61	0.29	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 20:15:15	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.23	0.23	0.23	2.39	ppb
Vanadium	51-2	50.26	49.95	47.75	49.32	2.78	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	103.04	100.36	96.75	100.05	3.16	ppb
Zirconium	90-1	4.10	4.11	4.20	4.14	1.39	ppb
Zirconium	91-1	4.20	4.18	4.26	4.21	1.00	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:18:25	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53386.29	53801.71	52899.81	53362.61	0.85	ppb
Antimony	121-1	53.75	54.88	55.23	54.62	1.42	ppb
Arsenic	75-2	305.19	304.66	303.19	304.35	0.34	ppb
Barium	135-1	1634.61	1639.22	1653.66	1642.49	0.60	ppb
Barium	137-1	1659.90	1673.16	1692.05	1675.03	0.96	ppb
Beryllium	9-1	30.22	31.52	32.39	31.38	3.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.85	31.13	29.61	29.86	3.88	ppb
Cadmium	106-1	28.44	30.05	28.71	29.07	2.95	ppb
Cadmium	111-1	30.40	30.74	31.31	30.82	1.49	ppb
Calcium	43-1	12411.44	12614.02	12829.07	12618.18	1.66	ppb
Calcium	44-1	11837.12	12118.94	12211.79	12055.95	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	225.04	225.95	224.78	225.26	0.27	ppb
Cobalt	59-2	355.79	355.59	357.24	356.21	0.25	ppb
Copper	63-2	693.90	700.04	690.54	694.82	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				107		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	124329.56	125591.64	124025.04	124648.75	0.67	ppb
Iron	57-2	123097.78	124523.21	124664.43	124095.14	0.70	ppb
Iron	54-2	123879.12	125510.23	123098.70	124162.68	0.99	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:18:25	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	147.58	151.57	152.02	150.39	1.63	ppb
Lead	207-1	145.09	149.19	150.18	148.15	1.82	ppb
Lead	208-1	157.46	162.66	163.54	161.22	2.04	ppb
Lithium	6-1				82		%
Magnesium	24-2	18417.94	18440.94	18475.90	18444.93	0.16	ppb
Manganese	55-2	5363.18	5431.16	5366.16	5386.84	0.71	ppb
Molybdenum	94-1	33.40	33.76	34.21	33.79	1.20	ppb
Molybdenum	95-1	1.42	1.42	1.45	1.43	1.12	ppb
Molybdenum	96-1	5.66	5.67	5.75	5.70	0.85	ppb
Molybdenum	97-1	1.28	1.38	1.28	1.32	4.26	ppb
Molybdenum	98-1	1.32	1.33	1.34	1.33	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	412.46	419.90	414.00	415.45	0.95	ppb
Phosphorus	31-2	1425.22	1462.73	1415.95	1434.63	1.73	ppb
Potassium	39-2	7063.85	7135.99	7103.89	7101.25	0.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	46.32	47.15	47.50	46.99	1.30	ppb
Selenium	77-2	67.80	63.44	61.03	64.09	5.35	ppb
Selenium	78-2	54.77	52.44	52.59	53.27	2.45	ppb
Silicon	28-1	769.42	779.97	791.55	780.31	1.42	ppb
Silver	107-1	23.18	23.54	23.77	23.50	1.28	ppb
Silver	109-1	23.32	23.80	23.68	23.60	1.07	ppb
Sodium	23-2	143.17	146.05	143.34	144.19	1.12	ppb
Strontium	86-1	85.03	87.24	87.44	86.57	1.54	ppb
Strontium	88-1	88.24	89.45	91.19	89.63	1.65	ppb
Sulfur	34-1	-1271.55	-1173.40	-1173.37	-1206.10		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	23.76	24.04	24.43	24.08	1.39	ppb
Thallium	205-1	23.71	24.14	24.60	24.15	1.84	ppb
Tin	118-1	3.09	3.14	3.14	3.12	1.05	ppb
Titanium	47-1	1048.61	1070.15	1060.41	1059.72	1.02	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:18:25	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.27	1.29	1.26	2.33	ppb
Vanadium	51-2	517.97	523.52	516.51	519.33	0.71	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	751.18	761.36	748.92	753.82	0.88	ppb
Zirconium	90-1	19.16	19.39	19.64	19.40	1.23	ppb
Zirconium	91-1	19.06	19.62	19.76	19.48	1.90	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:25:49	DataFile Name :	106CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47593.00	47365.27	47415.47	47457.92	0.25	ppb
Antimony	121-1	491.31	496.59	495.66	494.52	0.57	ppb
Arsenic	75-2	509.86	507.86	517.49	511.74	0.99	ppb
Barium	135-1	2339.60	2352.74	2392.34	2361.56	1.16	ppb
Barium	137-1	2366.86	2396.54	2392.41	2385.27	0.67	ppb
Beryllium	9-1	487.72	488.98	486.85	487.85	0.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	498.69	499.24	497.23	498.38	0.21	ppb
Cadmium	106-1	495.81	495.27	499.88	496.99	0.51	ppb
Cadmium	111-1	477.81	481.27	483.83	480.97	0.63	ppb
Calcium	43-1	249931.73	250680.81	251261.80	250624.78	0.27	ppb
Calcium	44-1	248853.08	250471.33	250181.14	249835.19	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.65	516.76	516.06	516.15	0.11	ppb
Cobalt	59-2	549.46	547.99	547.82	548.42	0.16	ppb
Copper	63-2	5263.88	5221.40	5276.80	5254.03	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				108		%
Holmium	165-2				106		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	129207.70	128172.13	128324.92	128568.25	0.43	ppb
Iron	57-2	129557.81	127759.92	128223.51	128513.75	0.73	ppb
Iron	54-2	128823.45	127945.78	128209.95	128326.39	0.35	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:25:49	DataFile Name :	106CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2419.51	2447.67	2472.50	2446.56	1.08	ppb
Lead	207-1	2394.36	2441.08	2433.33	2422.93	1.03	ppb
Lead	208-1	2397.45	2442.15	2449.17	2429.59	1.15	ppb
Lithium	6-1				88		%
Magnesium	24-2	241148.61	239160.89	239546.17	239951.89	0.44	ppb
Manganese	55-2	5099.04	5098.63	5087.93	5095.20	0.12	ppb
Molybdenum	94-1	4799.29	4826.17	4870.86	4832.11	0.75	ppb
Molybdenum	95-1	4804.59	4802.28	4800.12	4802.33	0.05	ppb
Molybdenum	96-1	4817.24	4848.11	4818.59	4827.98	0.36	ppb
Molybdenum	97-1	4819.13	4839.06	4865.47	4841.22	0.48	ppb
Molybdenum	98-1	4784.04	4811.86	4815.91	4803.94	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.53	529.16	527.41	529.70	0.49	ppb
Phosphorus	31-2	9740.07	9700.25	9714.49	9718.27	0.21	ppb
Potassium	39-2	122372.17	119798.61	121561.97	121244.25	1.09	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	472.62	475.93	472.44	473.66	0.42	ppb
Selenium	77-2	507.98	480.45	483.70	490.71	3.07	ppb
Selenium	78-2	503.33	497.29	508.11	502.91	1.08	ppb
Silicon	28-1	1553.76	1553.90	1557.99	1555.22	0.15	ppb
Silver	107-1	482.40	482.40	479.31	481.37	0.37	ppb
Silver	109-1	482.11	484.23	482.42	482.92	0.24	ppb
Sodium	23-2	239174.17	238443.27	238863.84	238827.09	0.15	ppb
Strontium	86-1	11750.87	11856.64	11830.31	11812.61	0.47	ppb
Strontium	88-1	11709.36	12001.13	11886.75	11865.75	1.24	ppb
Sulfur	34-1	8622.93	8544.59	8511.71	8559.74	0.67	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	496.18	487.31	495.44	492.98	1.00	ppb
Thallium	205-1	480.62	489.35	493.90	487.96	1.38	ppb
Tin	118-1	467.68	466.54	468.38	467.53	0.20	ppb
Titanium	47-1	4721.76	4809.23	4754.96	4761.98	0.93	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:25:49	DataFile Name :	106CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	490.22	502.73	496.15	496.37	1.26	ppb
Vanadium	51-2	519.92	512.27	521.36	517.85	0.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	5266.34	5240.75	5287.38	5264.82	0.44	ppb
Zirconium	90-1	484.24	487.42	493.03	488.23	0.91	ppb
Zirconium	91-1	487.03	493.78	485.79	488.87	0.88	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:28:45	DataFile Name :	107CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.20	9.45	9.13	9.59	5.76	ppb
Antimony	121-1	0.35	0.31	0.32	0.33	6.53	ppb
Arsenic	75-2	0.04	0.08	0.06	0.06	37.74	ppb
Barium	135-1	0.33	0.29	0.30	0.31	7.03	ppb
Barium	137-1	0.33	0.31	0.32	0.32	3.80	ppb
Beryllium	9-1	0.12	0.08	0.07	0.09	25.47	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	0.08	0.03	130.86	ppb
Cadmium	106-1	-1.23	-2.46	-2.16	-1.95		ppb
Cadmium	111-1	-0.02	-0.12	-0.11	-0.08		ppb
Calcium	43-1	15.91	12.46	15.27	14.55	12.64	ppb
Calcium	44-1	15.63	12.98	13.98	14.19	9.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.06	0.07	0.07	6.89	ppb
Cobalt	59-2	0.07	0.06	0.07	0.07	5.60	ppb
Copper	63-2	0.37	0.35	0.30	0.34	9.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	23.40	21.50	21.10	22.00	5.60	ppb
Iron	57-2	21.01	18.76	20.97	20.25	6.36	ppb
Iron	54-2	23.42	21.95	22.72	22.70	3.23	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:28:45	DataFile Name :	107CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.19	0.18	0.20	12.28	ppb
Lead	207-1	0.22	0.18	0.18	0.19	10.92	ppb
Lead	208-1	0.22	0.19	0.18	0.19	10.35	ppb
Lithium	6-1				89		%
Magnesium	24-2	15.24	14.73	14.91	14.96	1.75	ppb
Manganese	55-2	0.87	0.71	0.77	0.78	10.25	ppb
Molybdenum	94-1	0.68	0.45	0.49	0.54	22.66	ppb
Molybdenum	95-1	0.33	0.29	0.31	0.31	6.19	ppb
Molybdenum	96-1	0.39	0.33	0.35	0.36	8.79	ppb
Molybdenum	97-1	0.37	0.33	0.32	0.34	8.81	ppb
Molybdenum	98-1	0.35	0.29	0.32	0.32	9.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.05	0.06	0.06	25.90	ppb
Phosphorus	31-2	-12.38	-16.60	-14.27	-14.41		ppb
Potassium	39-2	7.50	7.79	9.94	8.41	15.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	-0.02	-0.12	-0.33	-0.16		ppb
Selenium	77-2	0.26	0.00	0.00	0.09	173.21	ppb
Selenium	78-2	-0.30	0.99	1.07	0.59	130.75	ppb
Silicon	28-1	0.93	0.38	0.62	0.64	42.73	ppb
Silver	107-1	0.07	0.06	0.04	0.06	21.96	ppb
Silver	109-1	0.07	0.06	0.04	0.05	25.82	ppb
Sodium	23-2	25.33	25.78	25.79	25.63	1.02	ppb
Strontium	86-1	0.61	0.50	0.50	0.54	11.80	ppb
Strontium	88-1	0.61	0.54	0.56	0.57	6.50	ppb
Sulfur	34-1	-405.82	-684.03	-556.40	-548.75		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.10	0.08	0.07	0.08	20.38	ppb
Thallium	205-1	0.10	0.08	0.07	0.09	18.89	ppb
Tin	118-1	0.15	0.10	0.15	0.13	21.74	ppb
Titanium	47-1	0.55	0.39	0.45	0.46	16.79	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:28:45	DataFile Name :	107CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.02	19.36	ppb
Vanadium	51-2	0.12	0.10	0.09	0.11	13.65	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.23	0.38	0.44	0.35	30.28	ppb
Zirconium	90-1	0.23	0.14	0.13	0.17	30.23	ppb
Zirconium	91-1	0.20	0.11	0.12	0.15	33.34	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:32:00	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56562.45	56134.93	62236.08	58311.15	5.84	ppb
Antimony	121-1	276.14	279.38	277.66	277.73	0.58	ppb
Arsenic	75-2	380.25	379.06	427.61	395.64	7.00	ppb
Barium	135-1	5828.66	5839.01	5778.36	5815.34	0.56	ppb
Barium	137-1	5793.82	5863.05	5860.31	5839.06	0.67	ppb
Beryllium	9-1	135.37	140.84	141.99	139.40	2.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	124.70	125.77	125.15	125.21	0.43	ppb
Cadmium	106-1	120.40	123.48	120.96	121.61	1.35	ppb
Cadmium	111-1	131.59	131.47	133.71	132.26	0.95	ppb
Calcium	43-1	12376.21	12397.93	12515.82	12429.99	0.60	ppb
Calcium	44-1	11840.65	11818.57	11858.09	11839.10	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	661.16	665.93	730.82	685.97	5.67	ppb
Cobalt	59-2	1445.94	1471.01	1606.17	1507.71	5.72	ppb
Copper	63-2	1182.74	1197.51	1316.63	1232.29	5.96	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				111		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	122736.19	123198.73	134893.26	126942.73	5.43	ppb
Iron	57-2	120954.11	122315.32	133945.45	125738.29	5.68	ppb
Iron	54-2	122852.28	123391.04	135325.26	127189.52	5.54	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:32:00	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	216.79	213.56	210.97	213.77	1.36	ppb
Lead	207-1	180.46	177.37	178.43	178.75	0.88	ppb
Lead	208-1	207.72	205.44	204.66	205.94	0.77	ppb
Lithium	6-1				93		%
Magnesium	24-2	18239.94	18157.74	20098.71	18832.13	5.83	ppb
Manganese	55-2	6301.62	6346.22	6893.97	6513.94	5.06	ppb
Molybdenum	94-1	33.14	33.48	33.87	33.50	1.08	ppb
Molybdenum	95-1	1.53	1.52	1.52	1.52	0.34	ppb
Molybdenum	96-1	5.80	5.70	5.83	5.78	1.18	ppb
Molybdenum	97-1	1.51	1.44	1.48	1.48	2.14	ppb
Molybdenum	98-1	1.45	1.43	1.44	1.44	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1608.87	1606.57	1748.61	1654.68	4.92	ppb
Phosphorus	31-2	1445.91	1462.98	1604.50	1504.47	5.79	ppb
Potassium	39-2	7005.16	6963.71	7598.44	7189.10	4.94	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	272.77	277.68	281.36	277.27	1.55	ppb
Selenium	77-2	310.05	305.16	336.31	317.17	5.28	ppb
Selenium	78-2	294.28	290.47	315.82	300.19	4.55	ppb
Silicon	28-1	767.65	772.22	774.10	771.32	0.43	ppb
Silver	107-1	109.03	109.29	110.62	109.65	0.78	ppb
Silver	109-1	110.02	110.03	111.04	110.36	0.53	ppb
Sodium	23-2	187.69	187.73	207.82	194.41	5.97	ppb
Strontium	86-1	85.72	85.73	86.54	86.00	0.55	ppb
Strontium	88-1	88.45	88.70	89.42	88.86	0.57	ppb
Sulfur	34-1	-766.64	-896.30	-978.25	-880.39		ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	115.19	113.34	115.31	114.61	0.96	ppb
Thallium	205-1	134.09	134.61	132.78	133.83	0.71	ppb
Tin	118-1	3.07	3.09	3.25	3.14	3.24	ppb
Titanium	47-1	1030.59	1022.12	1036.56	1029.76	0.70	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:32:00	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.18	1.22	1.20	1.61	ppb
Vanadium	51-2	1582.61	1581.82	1740.43	1634.95	5.59	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	1760.87	1771.33	1946.00	1826.06	5.70	ppb
Zirconium	90-1	19.07	19.10	19.46	19.21	1.13	ppb
Zirconium	91-1	19.25	19.52	19.53	19.43	0.81	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:34:56	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10613.14	10432.22	10331.96	10459.11	1.36	ppb
Antimony	121-1	0.49	0.53	0.54	0.52	5.59	ppb
Arsenic	75-2	30.33	31.22	29.52	30.36	2.81	ppb
Barium	135-1	118.09	121.94	124.32	121.45	2.59	ppb
Barium	137-1	119.37	123.13	125.95	122.82	2.69	ppb
Beryllium	9-1	0.47	0.44	0.45	0.45	3.20	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.62	1.03	0.78	0.81	25.22	ppb
Cadmium	106-1	0.21	-1.32	0.49	-0.21		ppb
Cadmium	111-1	0.55	0.45	0.57	0.52	12.19	ppb
Calcium	43-1	2133.73	2102.06	2125.93	2120.57	0.78	ppb
Calcium	44-1	2123.55	2114.99	2154.24	2130.93	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.68	25.72	25.60	25.67	0.23	ppb
Cobalt	59-2	15.34	15.20	15.31	15.28	0.47	ppb
Copper	63-2	75.80	75.83	74.76	75.46	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				102		%
Indium	115-2				99		%
Iron	56-2	27860.49	27633.02	27041.04	27511.52	1.54	ppb
Iron	57-2	27761.24	27419.64	26968.11	27383.00	1.45	ppb
Iron	54-2	27861.89	27644.75	27457.76	27654.80	0.73	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:34:56	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.93	17.73	18.03	17.89	0.85	ppb
Lead	207-1	17.89	17.48	18.04	17.81	1.62	ppb
Lead	208-1	17.78	17.48	17.90	17.72	1.23	ppb
Lithium	6-1				92		%
Magnesium	24-2	5664.36	5560.86	5431.56	5552.26	2.10	ppb
Manganese	55-2	761.46	753.18	735.39	750.01	1.78	ppb
Molybdenum	94-1	5.35	5.36	5.39	5.36	0.41	ppb
Molybdenum	95-1	0.39	0.37	0.38	0.38	1.60	ppb
Molybdenum	96-1	1.09	1.10	1.12	1.10	1.21	ppb
Molybdenum	97-1	0.38	0.32	0.37	0.36	8.62	ppb
Molybdenum	98-1	0.36	0.36	0.37	0.36	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.37	28.25	27.95	28.19	0.78	ppb
Phosphorus	31-2	464.44	469.31	451.09	461.62	2.04	ppb
Potassium	39-2	2300.93	2284.23	2262.60	2282.58	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.51	0.70	0.15	0.46	61.81	ppb
Selenium	77-2	4.77	6.65	4.76	5.39	20.17	ppb
Selenium	78-2	1.72	0.46	2.01	1.40	59.14	ppb
Silicon	28-1	256.64	250.23	257.29	254.72	1.53	ppb
Silver	107-1	0.21	0.18	0.19	0.20	8.38	ppb
Silver	109-1	0.19	0.18	0.17	0.18	6.45	ppb
Sodium	23-2	58.59	59.27	58.41	58.75	0.77	ppb
Strontium	86-1	17.35	17.19	17.31	17.28	0.47	ppb
Strontium	88-1	17.15	17.10	17.17	17.14	0.20	ppb
Sulfur	34-1	-999.41	-1118.22	-1029.76	-1049.13		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	1.03	1.05	1.06	1.04	1.57	ppb
Thallium	205-1	1.06	1.04	1.07	1.06	1.35	ppb
Tin	118-1	0.60	0.66	0.71	0.65	8.14	ppb
Titanium	47-1	215.86	215.15	221.18	217.40	1.52	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:34:56	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.27	0.27	1.67	ppb
Vanadium	51-2	50.56	50.06	50.15	50.26	0.52	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	73.62	74.46	74.25	74.11	0.59	ppb
Zirconium	90-1	2.96	2.93	3.00	2.96	1.03	ppb
Zirconium	91-1	2.99	2.91	3.05	2.98	2.32	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:38:05	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10211.25	10215.36	10326.47	10251.03	0.64	ppb
Antimony	121-1	0.46	0.46	0.47	0.47	1.78	ppb
Arsenic	75-2	29.69	31.23	29.10	30.01	3.67	ppb
Barium	135-1	117.54	117.81	117.55	117.63	0.13	ppb
Barium	137-1	119.57	119.79	119.42	119.59	0.16	ppb
Beryllium	9-1	0.37	0.50	0.37	0.41	18.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.71	0.81	0.75	0.76	6.88	ppb
Cadmium	106-1	-0.80	-0.85	-1.62	-1.09		ppb
Cadmium	111-1	0.42	0.50	0.38	0.43	13.71	ppb
Calcium	43-1	1995.76	2054.35	2067.83	2039.32	1.88	ppb
Calcium	44-1	2040.45	2078.50	2082.59	2067.18	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.15	24.97	25.26	25.13	0.58	ppb
Cobalt	59-2	14.97	14.61	14.82	14.80	1.22	ppb
Copper	63-2	73.33	72.93	72.96	73.07	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	26819.39	26649.92	26984.16	26817.82	0.62	ppb
Iron	57-2	26805.79	26711.76	27039.83	26852.46	0.63	ppb
Iron	54-2	26638.01	26546.87	27040.65	26741.84	0.98	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:38:05	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.61	17.20	17.46	17.42	1.20	ppb
Lead	207-1	17.28	17.13	17.70	17.37	1.70	ppb
Lead	208-1	17.35	17.09	17.56	17.33	1.34	ppb
Lithium	6-1				89		%
Magnesium	24-2	5461.54	5406.98	5440.73	5436.41	0.51	ppb
Manganese	55-2	723.77	729.71	726.75	726.74	0.41	ppb
Molybdenum	94-1	5.04	5.17	5.31	5.17	2.64	ppb
Molybdenum	95-1	0.33	0.36	0.32	0.34	6.35	ppb
Molybdenum	96-1	1.04	1.04	1.03	1.04	0.24	ppb
Molybdenum	97-1	0.35	0.33	0.35	0.34	4.04	ppb
Molybdenum	98-1	0.33	0.34	0.33	0.33	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.44	26.92	28.41	27.59	2.74	ppb
Phosphorus	31-2	455.31	445.68	461.64	454.21	1.77	ppb
Potassium	39-2	2253.87	2234.99	2275.70	2254.85	0.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.08	0.33	0.07	0.16	91.35	ppb
Selenium	77-2	4.73	4.31	2.39	3.81	32.66	ppb
Selenium	78-2	0.16	1.18	2.22	1.19	86.83	ppb
Silicon	28-1	246.64	250.61	254.07	250.44	1.49	ppb
Silver	107-1	0.12	0.14	0.13	0.13	8.63	ppb
Silver	109-1	0.15	0.14	0.14	0.14	4.44	ppb
Sodium	23-2	54.33	54.75	52.03	53.71	2.73	ppb
Strontium	86-1	16.39	16.89	16.97	16.75	1.87	ppb
Strontium	88-1	16.44	16.81	16.91	16.72	1.50	ppb
Sulfur	34-1	-1195.17	-1187.88	-1231.57	-1204.87		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.92	0.91	0.89	0.91	1.56	ppb
Thallium	205-1	0.94	0.88	0.92	0.91	2.97	ppb
Tin	118-1	0.61	0.96	0.67	0.75	24.64	ppb
Titanium	47-1	209.21	214.39	213.36	212.32	1.29	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:38:05	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.25	0.26	0.26	3.21	ppb
Vanadium	51-2	50.23	49.07	49.96	49.75	1.22	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	74.44	70.12	73.31	72.62	3.09	ppb
Zirconium	90-1	2.85	2.87	2.92	2.88	1.23	ppb
Zirconium	91-1	2.79	2.89	2.82	2.83	1.71	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:41:16	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2111.14	2097.84	2106.58	2105.19	0.32	ppb
Antimony	121-1	0.12	0.11	0.13	0.12	4.55	ppb
Arsenic	75-2	6.27	5.90	6.05	6.07	3.08	ppb
Barium	135-1	23.74	24.15	24.22	24.04	1.10	ppb
Barium	137-1	24.31	24.72	24.57	24.53	0.85	ppb
Beryllium	9-1	0.11	0.11	0.11	0.11	1.47	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.09	0.18	0.14	35.46	ppb
Cadmium	106-1	-1.48	-1.38	-3.12	-1.99		ppb
Cadmium	111-1	0.01	0.04	-0.12	-0.02		ppb
Calcium	43-1	416.12	428.40	422.08	422.20	1.45	ppb
Calcium	44-1	424.10	426.93	433.72	428.25	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.20	5.23	5.24	5.22	0.48	ppb
Cobalt	59-2	3.12	3.15	3.08	3.12	1.17	ppb
Copper	63-2	15.19	15.37	15.10	15.22	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				106		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	5532.38	5460.19	5508.96	5500.51	0.67	ppb
Iron	57-2	5617.83	5594.26	5602.29	5604.79	0.21	ppb
Iron	54-2	5670.74	5638.79	5647.57	5652.36	0.29	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:41:16	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.48	3.66	3.58	3.57	2.64	ppb
Lead	207-1	3.48	3.59	3.59	3.56	1.76	ppb
Lead	208-1	3.48	3.60	3.56	3.55	1.60	ppb
Lithium	6-1				88		%
Magnesium	24-2	1139.66	1139.23	1134.81	1137.90	0.24	ppb
Manganese	55-2	146.97	146.81	147.64	147.14	0.30	ppb
Molybdenum	94-1	1.08	1.11	1.11	1.10	1.78	ppb
Molybdenum	95-1	0.14	0.14	0.12	0.13	6.46	ppb
Molybdenum	96-1	0.27	0.27	0.27	0.27	1.07	ppb
Molybdenum	97-1	0.14	0.12	0.17	0.14	18.89	ppb
Molybdenum	98-1	0.12	0.14	0.14	0.13	8.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.56	5.81	5.62	5.66	2.31	ppb
Phosphorus	31-2	83.62	79.58	72.75	78.65	6.99	ppb
Potassium	39-2	456.26	450.52	458.08	454.95	0.87	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	-0.10	-0.36	-0.04	-0.17		ppb
Selenium	77-2	0.00	1.87	0.80	0.89	105.38	ppb
Selenium	78-2	0.80	-0.15	1.13	0.59	111.88	ppb
Silicon	28-1	50.24	51.26	52.63	51.38	2.33	ppb
Silver	107-1	0.04	0.04	0.04	0.04	9.36	ppb
Silver	109-1	0.03	0.04	0.03	0.03	6.22	ppb
Sodium	23-2	19.58	18.12	19.37	19.02	4.14	ppb
Strontium	86-1	3.45	3.50	3.71	3.55	3.85	ppb
Strontium	88-1	3.47	3.58	3.59	3.55	1.84	ppb
Sulfur	34-1	-1170.70	-1189.73	-1254.19	-1204.87		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.20	0.22	0.20	0.21	4.89	ppb
Thallium	205-1	0.21	0.21	0.22	0.21	3.44	ppb
Tin	118-1	0.16	0.18	0.17	0.17	6.66	ppb
Titanium	47-1	42.42	43.02	43.92	43.12	1.76	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:41:16	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	3.42	ppb
Vanadium	51-2	10.13	10.32	10.17	10.21	0.96	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	14.88	14.50	15.06	14.81	1.93	ppb
Zirconium	90-1	0.59	0.62	0.61	0.61	2.87	ppb
Zirconium	91-1	0.58	0.59	0.59	0.59	0.81	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:44:28	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10295.78	10378.80	10152.98	10275.86	1.11	ppb
Antimony	121-1	13.01	13.01	13.35	13.12	1.50	ppb
Arsenic	75-2	34.46	34.93	35.20	34.86	1.08	ppb
Barium	135-1	354.64	354.16	363.15	357.32	1.41	ppb
Barium	137-1	388.37	393.72	400.24	394.11	1.51	ppb
Beryllium	9-1	7.28	7.42	7.65	7.45	2.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.25	7.15	6.66	6.69	6.76	ppb
Cadmium	106-1	6.29	4.04	4.99	5.11	22.09	ppb
Cadmium	111-1	6.77	6.85	6.93	6.85	1.18	ppb
Calcium	43-1	2002.48	2010.12	1996.64	2003.08	0.34	ppb
Calcium	44-1	2011.71	2025.55	2067.06	2034.77	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.27	54.43	54.20	53.97	1.13	ppb
Cobalt	59-2	86.38	87.14	86.93	86.82	0.45	ppb
Copper	63-2	106.77	107.66	108.86	107.76	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				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	26449.51	26836.55	26592.56	26626.21	0.73	ppb
Iron	57-2	26263.68	26929.59	26577.89	26590.39	1.25	ppb
Iron	54-2	26671.46	26758.83	26266.98	26565.76	0.99	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:44:28	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.60	20.03	19.95	19.86	1.16	ppb
Lead	207-1	19.52	19.75	19.81	19.69	0.77	ppb
Lead	208-1	19.50	19.81	19.61	19.64	0.80	ppb
Lithium	6-1				88		%
Magnesium	24-2	5282.80	5335.79	5415.36	5344.65	1.25	ppb
Manganese	55-2	786.37	795.39	783.94	788.56	0.76	ppb
Molybdenum	94-1	4.81	4.94	4.99	4.91	1.94	ppb
Molybdenum	95-1	0.35	0.34	0.35	0.35	2.66	ppb
Molybdenum	96-1	1.00	1.00	1.05	1.02	2.95	ppb
Molybdenum	97-1	0.35	0.34	0.32	0.34	4.83	ppb
Molybdenum	98-1	0.34	0.34	0.32	0.34	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.32	103.60	102.02	102.31	1.14	ppb
Phosphorus	31-2	432.28	442.56	443.74	439.53	1.43	ppb
Potassium	39-2	2179.61	2213.11	2198.02	2196.91	0.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	12.92	13.08	13.71	13.23	3.15	ppb
Selenium	77-2	18.29	19.82	18.48	18.86	4.43	ppb
Selenium	78-2	15.44	14.56	13.75	14.58	5.80	ppb
Silicon	28-1	228.57	230.86	235.19	231.54	1.45	ppb
Silver	107-1	5.60	5.57	5.78	5.65	2.00	ppb
Silver	109-1	5.59	5.65	5.85	5.70	2.44	ppb
Sodium	23-2	44.18	46.81	45.38	45.46	2.91	ppb
Strontium	86-1	16.45	16.43	16.86	16.58	1.48	ppb
Strontium	88-1	16.41	16.58	16.71	16.57	0.90	ppb
Sulfur	34-1	-1304.13	-1410.30	-1449.58	-1388.00		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	6.60	6.76	6.60	6.65	1.33	ppb
Thallium	205-1	6.55	6.64	6.61	6.60	0.66	ppb
Tin	118-1	0.81	0.65	0.65	0.70	13.55	ppb
Titanium	47-1	205.19	205.77	210.15	207.04	1.31	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:44:28	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.27	0.26	0.26	3.89	ppb
Vanadium	51-2	120.50	121.75	121.58	121.28	0.56	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	141.32	141.34	141.08	141.25	0.10	ppb
Zirconium	90-1	2.70	2.80	2.82	2.77	2.22	ppb
Zirconium	91-1	2.79	2.73	2.70	2.74	1.57	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:47:39	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11284.39	11399.58	11446.22	11376.73	0.73	ppb
Antimony	121-1	67.01	66.87	67.99	67.29	0.91	ppb
Arsenic	75-2	57.88	58.28	58.79	58.32	0.78	ppb
Barium	135-1	1442.75	1465.12	1489.88	1465.92	1.61	ppb
Barium	137-1	1465.04	1481.84	1497.95	1481.61	1.11	ppb
Beryllium	9-1	34.76	35.08	36.01	35.28	1.84	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.96	31.52	34.54	32.67	4.99	ppb
Cadmium	106-1	28.87	29.36	29.96	29.39	1.85	ppb
Cadmium	111-1	33.37	34.17	34.73	34.09	2.01	ppb
Calcium	43-1	2062.57	2018.06	2049.40	2043.34	1.12	ppb
Calcium	44-1	2068.24	2058.79	2119.69	2082.24	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173.04	176.32	175.50	174.95	0.98	ppb
Cobalt	59-2	391.78	394.65	397.22	394.55	0.69	ppb
Copper	63-2	245.91	248.10	248.80	247.61	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				110		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	27485.07	27757.12	27759.30	27667.16	0.57	ppb
Iron	57-2	27244.28	27307.65	27392.36	27314.76	0.27	ppb
Iron	54-2	27086.73	27772.82	27738.98	27532.84	1.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:47:39	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.34	29.13	29.68	29.39	0.95	ppb
Lead	207-1	28.92	29.02	29.53	29.16	1.11	ppb
Lead	208-1	29.02	29.02	29.64	29.23	1.22	ppb
Lithium	6-1				89		%
Magnesium	24-2	5267.04	5491.80	5439.51	5399.45	2.18	ppb
Manganese	55-2	1089.43	1078.99	1091.48	1086.63	0.62	ppb
Molybdenum	94-1	5.13	5.16	5.20	5.16	0.66	ppb
Molybdenum	95-1	0.37	0.35	0.35	0.36	2.52	ppb
Molybdenum	96-1	1.00	1.06	1.07	1.05	3.58	ppb
Molybdenum	97-1	0.33	0.35	0.33	0.34	2.80	ppb
Molybdenum	98-1	0.32	0.34	0.34	0.33	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	406.51	413.16	411.04	410.24	0.83	ppb
Phosphorus	31-2	441.64	474.43	446.46	454.18	3.90	ppb
Potassium	39-2	2206.95	2239.21	2239.27	2228.48	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	73.95	73.82	74.17	73.98	0.24	ppb
Selenium	77-2	76.83	76.51	73.02	75.46	2.80	ppb
Selenium	78-2	73.89	77.99	85.32	79.06	7.33	ppb
Silicon	28-1	232.69	230.66	238.71	234.02	1.79	ppb
Silver	107-1	27.86	28.21	28.77	28.28	1.61	ppb
Silver	109-1	27.93	28.09	28.89	28.30	1.82	ppb
Sodium	23-2	44.54	47.62	47.28	46.48	3.63	ppb
Strontium	86-1	16.92	16.86	16.87	16.88	0.19	ppb
Strontium	88-1	16.83	16.84	16.94	16.87	0.35	ppb
Sulfur	34-1	-1356.54	-1446.86	-1360.40	-1387.93		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	30.41	30.07	30.80	30.42	1.20	ppb
Thallium	205-1	30.33	30.10	30.70	30.38	0.99	ppb
Tin	118-1	0.68	0.64	0.71	0.68	5.27	ppb
Titanium	47-1	209.02	208.26	213.73	210.34	1.41	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:47:39	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.26	0.26	1.11	ppb
Vanadium	51-2	415.26	419.16	418.02	417.48	0.48	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	425.81	433.33	435.69	431.61	1.20	ppb
Zirconium	90-1	2.82	2.85	2.83	2.83	0.65	ppb
Zirconium	91-1	2.94	2.92	2.86	2.91	1.49	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:50:43	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10643.71	10533.79	10499.69	10559.06	0.71	ppb
Antimony	121-1	0.52	0.55	0.54	0.54	2.74	ppb
Arsenic	75-2	25.02	23.96	24.19	24.39	2.29	ppb
Barium	135-1	103.51	104.16	104.52	104.07	0.49	ppb
Barium	137-1	105.25	106.88	105.78	105.97	0.78	ppb
Beryllium	9-1	0.45	0.38	0.41	0.41	8.14	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	0.56	0.59	0.60	9.75	ppb
Cadmium	106-1	-0.43	-0.45	-1.47	-0.78		ppb
Cadmium	111-1	0.29	0.29	0.19	0.26	21.59	ppb
Calcium	43-1	2564.35	2554.00	2612.33	2576.89	1.21	ppb
Calcium	44-1	2589.56	2607.35	2650.63	2615.85	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.31	25.37	25.31	25.33	0.13	ppb
Cobalt	59-2	11.95	11.93	12.14	12.01	0.99	ppb
Copper	63-2	53.01	53.61	52.75	53.12	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	24075.35	24192.77	24057.94	24108.69	0.30	ppb
Iron	57-2	23723.04	24478.83	24209.47	24137.11	1.59	ppb
Iron	54-2	24158.71	24223.41	24042.86	24141.66	0.38	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:50:43	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.27	12.69	12.59	12.52	1.75	ppb
Lead	207-1	11.77	12.29	12.18	12.08	2.28	ppb
Lead	208-1	11.95	12.34	12.29	12.20	1.75	ppb
Lithium	6-1				90		%
Magnesium	24-2	4678.18	4692.39	4704.50	4691.69	0.28	ppb
Manganese	55-2	586.80	583.09	579.44	583.11	0.63	ppb
Molybdenum	94-1	7.65	7.85	7.87	7.79	1.59	ppb
Molybdenum	95-1	0.34	0.35	0.34	0.35	1.91	ppb
Molybdenum	96-1	1.31	1.29	1.39	1.33	3.97	ppb
Molybdenum	97-1	0.32	0.36	0.34	0.34	5.83	ppb
Molybdenum	98-1	0.33	0.34	0.32	0.33	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.98	25.05	25.04	25.02	0.14	ppb
Phosphorus	31-2	513.88	525.25	551.31	530.15	3.62	ppb
Potassium	39-2	2716.50	2710.18	2718.73	2715.14	0.16	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.11	-0.10	0.15	-0.02		ppb
Selenium	77-2	4.76	3.94	6.99	5.23	30.14	ppb
Selenium	78-2	1.07	1.50	0.78	1.12	32.11	ppb
Silicon	28-1	198.16	197.81	200.83	198.93	0.83	ppb
Silver	107-1	0.15	0.14	0.13	0.14	4.92	ppb
Silver	109-1	0.15	0.14	0.13	0.14	7.74	ppb
Sodium	23-2	54.22	56.63	57.62	56.15	3.11	ppb
Strontium	86-1	20.50	20.99	20.81	20.77	1.19	ppb
Strontium	88-1	20.22	20.84	20.53	20.53	1.50	ppb
Sulfur	34-1	-1261.55	-1385.19	-1313.41	-1320.05		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.11	0.11	0.11	2.42	ppb
Thallium	205-1	0.10	0.12	0.11	0.11	5.03	ppb
Tin	118-1	0.75	0.76	0.76	0.76	0.69	ppb
Titanium	47-1	279.65	282.06	287.90	283.20	1.50	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:50:43	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.30	0.29	0.29	2.25	ppb
Vanadium	51-2	42.84	42.97	42.62	42.81	0.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	69.36	69.64	69.28	69.43	0.27	ppb
Zirconium	90-1	4.29	4.42	4.44	4.38	1.91	ppb
Zirconium	91-1	4.26	4.45	4.47	4.39	2.58	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:53:54	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10887.92	10787.41	10958.00	10877.78	0.79	ppb
Antimony	121-1	0.56	0.55	0.56	0.56	0.83	ppb
Arsenic	75-2	25.60	25.60	25.04	25.41	1.28	ppb
Barium	135-1	108.09	110.23	109.71	109.34	1.02	ppb
Barium	137-1	109.99	110.87	111.14	110.67	0.54	ppb
Beryllium	9-1	0.39	0.46	0.45	0.43	8.83	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.63	0.52	0.83	0.66	23.89	ppb
Cadmium	106-1	0.06	-1.43	-1.23	-0.87		ppb
Cadmium	111-1	0.32	0.22	0.20	0.25	26.38	ppb
Calcium	43-1	2671.45	2656.76	2665.76	2664.66	0.28	ppb
Calcium	44-1	2676.06	2703.94	2693.91	2691.30	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.31	26.19	26.52	26.34	0.63	ppb
Cobalt	59-2	12.39	12.33	12.37	12.36	0.23	ppb
Copper	63-2	54.63	53.87	54.43	54.31	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				110		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	24851.52	24787.03	25124.65	24921.07	0.72	ppb
Iron	57-2	24565.72	24695.28	24989.11	24750.04	0.88	ppb
Iron	54-2	25195.60	24746.79	25025.42	24989.27	0.91	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:53:54	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.54	12.64	12.70	12.62	0.66	ppb
Lead	207-1	11.98	12.22	12.56	12.26	2.39	ppb
Lead	208-1	12.15	12.32	12.48	12.32	1.36	ppb
Lithium	6-1				88		%
Magnesium	24-2	4834.81	4788.24	4848.87	4823.97	0.66	ppb
Manganese	55-2	615.60	613.88	616.04	615.17	0.19	ppb
Molybdenum	94-1	7.51	8.05	8.08	7.88	4.09	ppb
Molybdenum	95-1	0.38	0.37	0.38	0.38	1.77	ppb
Molybdenum	96-1	1.29	1.30	1.36	1.32	2.96	ppb
Molybdenum	97-1	0.37	0.36	0.36	0.36	1.48	ppb
Molybdenum	98-1	0.34	0.34	0.36	0.34	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.07	25.88	25.83	25.93	0.49	ppb
Phosphorus	31-2	537.48	544.87	523.16	535.17	2.06	ppb
Potassium	39-2	2807.94	2789.86	2782.87	2793.55	0.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.47	0.13	-0.24	0.12	295.96	ppb
Selenium	77-2	3.14	5.03	4.99	4.39	24.62	ppb
Selenium	78-2	0.61	1.54	0.87	1.01	47.76	ppb
Silicon	28-1	200.57	202.34	201.22	201.38	0.45	ppb
Silver	107-1	0.12	0.12	0.13	0.12	4.22	ppb
Silver	109-1	0.11	0.11	0.12	0.12	2.19	ppb
Sodium	23-2	57.55	56.56	56.18	56.77	1.25	ppb
Strontium	86-1	20.79	21.09	21.99	21.29	2.93	ppb
Strontium	88-1	20.87	21.26	21.71	21.28	1.98	ppb
Sulfur	34-1	-1269.68	-1313.23	-1364.02	-1315.64		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.11	0.11	0.11	2.53	ppb
Thallium	205-1	0.10	0.11	0.11	0.11	6.14	ppb
Tin	118-1	0.73	0.76	0.74	0.75	1.84	ppb
Titanium	47-1	285.30	288.67	288.33	287.44	0.64	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:53:54	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.30	0.31	0.30	3.34	ppb
Vanadium	51-2	44.38	44.18	44.19	44.25	0.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	71.00	69.91	71.30	70.74	1.03	ppb
Zirconium	90-1	4.43	4.49	4.62	4.51	2.12	ppb
Zirconium	91-1	4.44	4.46	4.62	4.51	2.10	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:57:03	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2085.53	2075.40	2075.65	2078.86	0.28	ppb
Antimony	121-1	0.12	0.11	0.14	0.12	11.60	ppb
Arsenic	75-2	4.92	4.82	5.03	4.92	2.05	ppb
Barium	135-1	20.12	19.75	20.46	20.11	1.75	ppb
Barium	137-1	20.04	20.29	20.44	20.26	1.01	ppb
Beryllium	9-1	0.08	0.10	0.10	0.09	15.35	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.10	0.05	0.07	39.59	ppb
Cadmium	106-1	-1.38	-1.89	-1.74	-1.67		ppb
Cadmium	111-1	-0.02	-0.08	-0.03	-0.04		ppb
Calcium	43-1	505.40	497.00	520.83	507.74	2.38	ppb
Calcium	44-1	501.41	512.54	524.76	512.90	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.10	5.06	5.03	5.06	0.69	ppb
Cobalt	59-2	2.33	2.33	2.41	2.35	1.94	ppb
Copper	63-2	10.31	10.25	10.28	10.28	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	4704.33	4725.67	4696.09	4708.70	0.32	ppb
Iron	57-2	4782.33	4830.53	4769.16	4794.01	0.67	ppb
Iron	54-2	4847.69	4845.41	4825.37	4839.49	0.25	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:57:03	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.35	2.37	2.39	2.37	0.84	ppb
Lead	207-1	2.33	2.33	2.38	2.35	1.34	ppb
Lead	208-1	2.33	2.33	2.36	2.34	0.84	ppb
Lithium	6-1				89		%
Magnesium	24-2	924.22	926.75	932.76	927.91	0.47	ppb
Manganese	55-2	113.20	113.79	112.74	113.24	0.47	ppb
Molybdenum	94-1	1.52	1.57	1.53	1.54	1.68	ppb
Molybdenum	95-1	0.13	0.13	0.12	0.13	5.06	ppb
Molybdenum	96-1	0.30	0.33	0.31	0.31	5.20	ppb
Molybdenum	97-1	0.10	0.14	0.12	0.12	19.55	ppb
Molybdenum	98-1	0.11	0.12	0.12	0.11	6.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.79	4.94	4.94	4.89	1.85	ppb
Phosphorus	31-2	82.39	86.06	79.91	82.79	3.73	ppb
Potassium	39-2	515.82	521.16	523.19	520.06	0.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.11	0.38	0.22	0.24	57.36	ppb
Selenium	77-2	1.62	1.91	1.10	1.54	26.64	ppb
Selenium	78-2	0.64	0.35	1.37	0.79	67.29	ppb
Silicon	28-1	39.62	39.83	40.83	40.09	1.61	ppb
Silver	107-1	0.04	0.04	0.03	0.03	10.67	ppb
Silver	109-1	0.03	0.03	0.03	0.03	9.76	ppb
Sodium	23-2	16.57	16.45	16.36	16.46	0.63	ppb
Strontium	86-1	4.14	4.22	4.03	4.13	2.29	ppb
Strontium	88-1	4.07	4.14	4.13	4.11	0.92	ppb
Sulfur	34-1	-1320.06	-1306.02	-1200.38	-1275.49		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.03	0.03	2.68	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.97	ppb
Tin	118-1	0.15	0.18	0.18	0.17	8.32	ppb
Titanium	47-1	53.88	55.41	56.87	55.39	2.70	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:57:03	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.06	0.06	1.97	ppb
Vanadium	51-2	8.29	8.24	8.33	8.29	0.50	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	13.58	13.75	13.01	13.45	2.87	ppb
Zirconium	90-1	0.87	0.85	0.85	0.86	1.15	ppb
Zirconium	91-1	0.83	0.85	0.89	0.86	3.05	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:00:20	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10709.35	10725.16	10722.71	10719.07	0.08	ppb
Antimony	121-1	13.77	14.08	14.09	13.98	1.33	ppb
Arsenic	75-2	30.14	30.40	30.28	30.27	0.42	ppb
Barium	135-1	349.32	359.07	358.40	355.59	1.53	ppb
Barium	137-1	396.20	395.12	396.56	395.96	0.19	ppb
Beryllium	9-1	7.45	7.74	7.61	7.60	1.90	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.61	7.08	6.72	6.80	3.58	ppb
Cadmium	106-1	4.80	5.85	5.04	5.23	10.55	ppb
Cadmium	111-1	6.99	6.92	6.83	6.91	1.11	ppb
Calcium	43-1	2585.56	2630.47	2609.29	2608.44	0.86	ppb
Calcium	44-1	2645.90	2628.93	2644.45	2639.76	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.08	56.53	56.36	56.32	0.41	ppb
Cobalt	59-2	88.10	87.27	88.15	87.84	0.56	ppb
Copper	63-2	89.14	89.52	89.68	89.45	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	24545.06	24535.07	24619.69	24566.61	0.19	ppb
Iron	57-2	24520.76	24274.93	24447.69	24414.46	0.52	ppb
Iron	54-2	24456.29	24794.31	24637.58	24629.40	0.69	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:00:20	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.63	14.94	15.25	14.94	2.06	ppb
Lead	207-1	14.32	14.58	14.69	14.53	1.30	ppb
Lead	208-1	14.39	14.66	14.78	14.61	1.35	ppb
Lithium	6-1				89		%
Magnesium	24-2	4663.26	4697.00	4632.68	4664.31	0.69	ppb
Manganese	55-2	666.26	662.21	679.30	669.26	1.33	ppb
Molybdenum	94-1	7.12	7.12	7.29	7.18	1.37	ppb
Molybdenum	95-1	0.38	0.35	0.35	0.36	4.68	ppb
Molybdenum	96-1	1.25	1.24	1.27	1.25	1.01	ppb
Molybdenum	97-1	0.34	0.35	0.39	0.36	6.39	ppb
Molybdenum	98-1	0.35	0.36	0.37	0.36	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.17	104.37	106.12	104.55	1.42	ppb
Phosphorus	31-2	520.02	543.09	527.35	530.15	2.22	ppb
Potassium	39-2	2721.46	2753.31	2747.16	2740.64	0.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	8.08	8.36	7.95	8.13	2.56	ppb
Selenium	77-2	13.97	11.14	10.50	11.87	15.59	ppb
Selenium	78-2	8.97	11.26	8.36	9.53	16.02	ppb
Silicon	28-1	154.71	155.72	155.35	155.26	0.33	ppb
Silver	107-1	5.67	5.96	5.87	5.83	2.50	ppb
Silver	109-1	5.75	5.87	6.01	5.88	2.24	ppb
Sodium	23-2	50.04	49.98	52.10	50.71	2.39	ppb
Strontium	86-1	20.75	20.62	21.01	20.79	0.94	ppb
Strontium	88-1	20.41	20.72	21.00	20.71	1.44	ppb
Sulfur	34-1	-1242.97	-1282.68	-1322.68	-1282.78		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	6.00	6.05	6.06	6.04	0.59	ppb
Thallium	205-1	5.92	6.03	6.11	6.02	1.60	ppb
Tin	118-1	0.74	0.75	0.77	0.75	2.02	ppb
Titanium	47-1	268.84	269.15	272.17	270.05	0.68	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:00:20	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.29	0.30	0.30	1.24	ppb
Vanadium	51-2	118.34	118.21	120.24	118.93	0.95	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	142.60	143.06	143.61	143.09	0.35	ppb
Zirconium	90-1	4.12	4.12	4.11	4.12	0.16	ppb
Zirconium	91-1	4.37	4.23	4.12	4.24	2.93	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:03:28	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11627.85	11709.05	11676.97	11671.29	0.35	ppb
Antimony	121-1	63.54	63.86	64.85	64.08	1.07	ppb
Arsenic	75-2	52.24	52.43	51.59	52.08	0.85	ppb
Barium	135-1	1405.79	1419.95	1435.87	1420.54	1.06	ppb
Barium	137-1	1416.68	1425.43	1454.54	1432.22	1.38	ppb
Beryllium	9-1	33.16	35.01	35.35	34.51	3.42	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.78	30.21	30.73	30.24	1.58	ppb
Cadmium	106-1	25.91	28.86	27.49	27.42	5.38	ppb
Cadmium	111-1	31.63	32.47	32.77	32.29	1.82	ppb
Calcium	43-1	2546.08	2569.29	2576.89	2564.09	0.63	ppb
Calcium	44-1	2549.27	2598.93	2653.23	2600.48	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173.33	173.21	173.96	173.50	0.23	ppb
Cobalt	59-2	387.84	389.83	386.65	388.11	0.41	ppb
Copper	63-2	224.38	225.10	227.86	225.78	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	24726.81	24494.32	24957.56	24726.23	0.94	ppb
Iron	57-2	24763.35	24455.98	24872.39	24697.24	0.87	ppb
Iron	54-2	24716.45	24782.13	25162.92	24887.17	0.97	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:03:28	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.81	23.62	23.79	23.74	0.44	ppb
Lead	207-1	22.85	23.26	23.38	23.16	1.20	ppb
Lead	208-1	23.27	23.66	23.57	23.50	0.85	ppb
Lithium	6-1				88		%
Magnesium	24-2	4617.42	4553.26	4575.43	4582.04	0.71	ppb
Manganese	55-2	941.25	946.43	948.21	945.30	0.38	ppb
Molybdenum	94-1	7.03	7.19	7.32	7.18	2.03	ppb
Molybdenum	95-1	0.34	0.35	0.38	0.36	6.05	ppb
Molybdenum	96-1	1.24	1.23	1.26	1.24	1.23	ppb
Molybdenum	97-1	0.34	0.36	0.38	0.36	5.50	ppb
Molybdenum	98-1	0.34	0.35	0.35	0.35	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	403.17	401.10	406.62	403.63	0.69	ppb
Phosphorus	31-2	519.75	484.17	510.59	504.84	3.66	ppb
Potassium	39-2	2683.94	2658.40	2691.64	2677.99	0.65	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	72.88	74.07	72.60	73.18	1.07	ppb
Selenium	77-2	87.54	75.04	76.56	79.71	8.56	ppb
Selenium	78-2	75.63	82.80	74.03	77.49	6.03	ppb
Silicon	28-1	153.20	156.79	159.17	156.38	1.92	ppb
Silver	107-1	26.95	27.29	27.82	27.35	1.59	ppb
Silver	109-1	27.21	27.50	27.94	27.55	1.32	ppb
Sodium	23-2	49.65	49.24	50.72	49.87	1.54	ppb
Strontium	86-1	19.83	20.76	20.49	20.36	2.36	ppb
Strontium	88-1	19.94	20.48	20.41	20.28	1.46	ppb
Sulfur	34-1	-1315.47	-1277.57	-1250.36	-1281.13		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	28.29	28.70	28.80	28.59	0.95	ppb
Thallium	205-1	28.15	28.85	28.83	28.61	1.39	ppb
Tin	118-1	0.69	0.76	0.80	0.75	6.95	ppb
Titanium	47-1	263.23	268.37	271.22	267.61	1.51	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:03:28	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.28	0.28	0.29	0.28	0.53	ppb
Vanadium	51-2	404.40	403.58	407.55	405.18	0.52	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	422.67	421.84	432.12	425.54	1.34	ppb
Zirconium	90-1	4.00	4.10	4.13	4.08	1.69	ppb
Zirconium	91-1	4.10	4.12	4.11	4.11	0.31	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:06:35	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13494.49	13615.69	13528.20	13546.13	0.46	ppb
Antimony	121-1	0.78	0.77	0.82	0.79	3.19	ppb
Arsenic	75-2	47.99	49.08	48.92	48.66	1.21	ppb
Barium	135-1	161.14	161.54	171.78	164.82	3.66	ppb
Barium	137-1	163.35	164.76	174.85	167.65	3.74	ppb
Beryllium	9-1	0.49	0.49	0.51	0.50	1.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.89	1.06	1.47	1.14	26.31	ppb
Cadmium	106-1	0.08	0.06	-0.36	-0.07		ppb
Cadmium	111-1	0.58	0.47	0.56	0.54	10.58	ppb
Calcium	43-1	3350.15	3372.65	3611.43	3444.74	4.20	ppb
Calcium	44-1	3390.17	3432.87	3660.84	3494.63	4.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.79	33.21	33.02	33.01	0.63	ppb
Cobalt	59-2	16.94	16.75	16.72	16.80	0.71	ppb
Copper	63-2	106.83	108.22	108.03	107.69	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				106		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	34324.58	34533.03	34647.50	34501.71	0.47	ppb
Iron	57-2	34095.18	34458.37	34887.07	34480.21	1.15	ppb
Iron	54-2	34236.96	34174.07	34514.56	34308.53	0.53	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:06:35	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.51	21.46	22.97	21.98	3.90	ppb
Lead	207-1	21.23	21.25	22.61	21.70	3.65	ppb
Lead	208-1	21.27	21.20	22.67	21.71	3.82	ppb
Lithium	6-1				86		%
Magnesium	24-2	6844.05	6787.33	6892.41	6841.26	0.77	ppb
Manganese	55-2	724.47	738.78	739.05	734.10	1.14	ppb
Molybdenum	94-1	13.37	13.50	14.48	13.79	4.39	ppb
Molybdenum	95-1	0.40	0.39	0.42	0.40	3.81	ppb
Molybdenum	96-1	1.97	2.03	2.16	2.05	4.92	ppb
Molybdenum	97-1	0.36	0.39	0.43	0.39	8.63	ppb
Molybdenum	98-1	0.38	0.40	0.41	0.39	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.31	42.67	41.59	42.19	1.30	ppb
Phosphorus	31-2	729.03	698.44	714.53	714.00	2.14	ppb
Potassium	39-2	2220.18	2246.91	2230.33	2232.47	0.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	0.71	1.03	0.45	0.73	40.25	ppb
Selenium	77-2	5.82	6.46	5.68	5.99	6.95	ppb
Selenium	78-2	0.67	1.74	1.61	1.34	43.63	ppb
Silicon	28-1	261.22	261.46	278.06	266.91	3.62	ppb
Silver	107-1	0.23	0.20	0.21	0.21	7.55	ppb
Silver	109-1	0.22	0.20	0.21	0.21	4.08	ppb
Sodium	23-2	44.34	44.55	46.03	44.97	2.04	ppb
Strontium	86-1	38.55	39.01	41.68	39.75	4.25	ppb
Strontium	88-1	38.58	38.73	41.27	39.53	3.82	ppb
Sulfur	34-1	-1310.00	-1307.73	-1072.47	-1230.07		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.14	0.15	0.14	6.34	ppb
Thallium	205-1	0.14	0.14	0.15	0.15	5.68	ppb
Tin	118-1	0.68	0.65	0.72	0.69	5.20	ppb
Titanium	47-1	341.51	345.29	364.39	350.39	3.50	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:06:35	DataFile Name :	119SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.37	0.40	0.38	4.71	ppb
Vanadium	51-2	63.24	63.35	62.61	63.07	0.64	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	101.97	103.00	100.30	101.76	1.34	ppb
Zirconium	90-1	7.81	7.85	8.31	7.99	3.51	ppb
Zirconium	91-1	7.98	7.75	8.30	8.01	3.46	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:09:44	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12850.43	13024.39	12996.46	12957.09	0.72	ppb
Antimony	121-1	0.71	0.70	0.73	0.71	2.35	ppb
Arsenic	75-2	47.05	46.07	45.31	46.14	1.89	ppb
Barium	135-1	154.21	156.17	159.75	156.71	1.79	ppb
Barium	137-1	156.90	159.67	160.81	159.13	1.27	ppb
Beryllium	9-1	0.49	0.47	0.46	0.47	2.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	1.01	1.12	1.02	10.26	ppb
Cadmium	106-1	0.01	0.23	-0.08	0.05	300.80	ppb
Cadmium	111-1	0.54	0.52	0.51	0.52	2.49	ppb
Calcium	43-1	3261.05	3241.36	3291.63	3264.68	0.78	ppb
Calcium	44-1	3331.55	3320.85	3362.31	3338.24	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.18	31.98	32.38	31.85	1.92	ppb
Cobalt	59-2	15.96	16.42	16.19	16.19	1.45	ppb
Copper	63-2	103.02	104.57	104.63	104.07	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	33048.24	33415.87	33197.34	33220.48	0.56	ppb
Iron	57-2	32990.33	32738.39	32767.84	32832.19	0.42	ppb
Iron	54-2	33178.17	32847.35	33360.11	33128.55	0.78	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:09:44	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.87	21.01	21.37	21.08	1.21	ppb
Lead	207-1	20.62	20.96	21.29	20.96	1.59	ppb
Lead	208-1	20.66	20.74	21.08	20.83	1.08	ppb
Lithium	6-1				87		%
Magnesium	24-2	6607.51	6623.29	6622.89	6617.90	0.14	ppb
Manganese	55-2	714.42	723.32	715.30	717.68	0.68	ppb
Molybdenum	94-1	13.24	13.19	13.16	13.20	0.29	ppb
Molybdenum	95-1	0.38	0.40	0.39	0.39	2.64	ppb
Molybdenum	96-1	1.98	1.97	1.98	1.98	0.23	ppb
Molybdenum	97-1	0.39	0.39	0.39	0.39	0.88	ppb
Molybdenum	98-1	0.38	0.37	0.37	0.37	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.04	41.06	40.37	40.49	1.28	ppb
Phosphorus	31-2	699.85	713.03	726.85	713.25	1.89	ppb
Potassium	39-2	2149.67	2203.50	2175.49	2176.22	1.24	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	-0.14	0.50	0.13	0.16	197.45	ppb
Selenium	77-2	5.17	9.63	6.49	7.10	32.27	ppb
Selenium	78-2	1.07	1.94	1.27	1.43	31.59	ppb
Silicon	28-1	258.30	258.92	263.25	260.16	1.04	ppb
Silver	107-1	0.18	0.19	0.18	0.18	2.43	ppb
Silver	109-1	0.18	0.18	0.18	0.18	1.67	ppb
Sodium	23-2	43.22	43.88	43.18	43.43	0.91	ppb
Strontium	86-1	37.37	37.27	37.83	37.49	0.80	ppb
Strontium	88-1	37.28	37.37	37.48	37.38	0.27	ppb
Sulfur	34-1	-1227.16	-1285.74	-1225.21	-1246.03		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.14	0.14	0.13	6.64	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	1.58	ppb
Tin	118-1	0.66	0.71	0.68	0.68	3.56	ppb
Titanium	47-1	336.47	338.59	340.71	338.59	0.63	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:09:44	DataFile Name :	120SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.34	0.36	0.37	0.36	3.97	ppb
Vanadium	51-2	60.05	60.84	60.65	60.51	0.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	96.58	100.67	99.19	98.82	2.09	ppb
Zirconium	90-1	7.55	7.64	7.64	7.61	0.67	ppb
Zirconium	91-1	7.46	7.75	7.73	7.65	2.12	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:12:55	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2690.86	2728.53	2729.08	2716.16	0.81	ppb
Antimony	121-1	0.16	0.17	0.17	0.17	3.43	ppb
Arsenic	75-2	9.85	9.54	9.44	9.61	2.23	ppb
Barium	135-1	31.25	32.32	31.66	31.74	1.70	ppb
Barium	137-1	32.21	32.72	32.03	32.32	1.11	ppb
Beryllium	9-1	0.14	0.11	0.10	0.12	16.57	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.24	0.14	0.16	50.58	ppb
Cadmium	106-1	-1.33	-1.23	-2.32	-1.63		ppb
Cadmium	111-1	0.00	0.02	-0.06	-0.01		ppb
Calcium	43-1	675.84	680.67	679.26	678.59	0.37	ppb
Calcium	44-1	679.34	691.61	693.30	688.08	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.60	6.82	6.77	6.73	1.72	ppb
Cobalt	59-2	3.41	3.46	3.48	3.45	1.11	ppb
Copper	63-2	21.64	21.88	22.00	21.84	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	6897.40	6888.10	7014.40	6933.30	1.02	ppb
Iron	57-2	6931.36	7047.37	7048.61	7009.11	0.96	ppb
Iron	54-2	7031.29	7105.84	7153.60	7096.91	0.87	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:12:55	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.26	4.37	4.31	4.31	1.35	ppb
Lead	207-1	4.21	4.27	4.28	4.25	0.98	ppb
Lead	208-1	4.22	4.27	4.26	4.25	0.64	ppb
Lithium	6-1				87		%
Magnesium	24-2	1403.94	1397.99	1409.96	1403.97	0.43	ppb
Manganese	55-2	144.22	146.70	146.39	145.77	0.93	ppb
Molybdenum	94-1	2.74	2.70	2.72	2.72	0.85	ppb
Molybdenum	95-1	0.12	0.12	0.12	0.12	2.93	ppb
Molybdenum	96-1	0.42	0.45	0.44	0.44	3.70	ppb
Molybdenum	97-1	0.12	0.11	0.10	0.11	8.75	ppb
Molybdenum	98-1	0.11	0.10	0.11	0.11	8.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.47	8.56	8.41	8.48	0.88	ppb
Phosphorus	31-2	134.76	151.95	136.86	141.19	6.64	ppb
Potassium	39-2	439.18	440.87	446.36	442.13	0.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	-0.24	0.16	0.27	0.06	415.87	ppb
Selenium	77-2	0.27	1.63	1.67	1.19	66.75	ppb
Selenium	78-2	-0.05	0.50	-0.73	-0.09		ppb
Silicon	28-1	53.56	53.79	53.53	53.62	0.26	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.26	ppb
Silver	109-1	0.04	0.04	0.04	0.04	1.38	ppb
Sodium	23-2	12.69	13.56	13.40	13.22	3.50	ppb
Strontium	86-1	7.59	8.06	7.77	7.81	3.00	ppb
Strontium	88-1	7.68	7.77	7.82	7.76	0.96	ppb
Sulfur	34-1	-1196.65	-1198.46	-1218.23	-1204.45		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.03	0.04	0.03	0.04	8.22	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	3.60	ppb
Tin	118-1	0.16	0.17	0.17	0.17	2.49	ppb
Titanium	47-1	68.62	68.98	69.21	68.94	0.43	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:12:55	DataFile Name :	121SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.07	0.07	0.07	1.89	ppb
Vanadium	51-2	12.50	12.74	12.43	12.56	1.29	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	19.77	20.45	20.33	20.18	1.79	ppb
Zirconium	90-1	1.56	1.57	1.55	1.56	0.74	ppb
Zirconium	91-1	1.46	1.55	1.60	1.54	4.63	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:16:08	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13473.49	13394.85	13500.30	13456.21	0.41	ppb
Antimony	121-1	13.78	13.99	14.22	14.00	1.59	ppb
Arsenic	75-2	53.59	54.14	54.40	54.04	0.77	ppb
Barium	135-1	399.18	407.42	411.28	405.96	1.52	ppb
Barium	137-1	439.70	451.58	452.95	448.07	1.63	ppb
Beryllium	9-1	7.60	7.49	7.80	7.63	2.06	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.07	7.23	7.20	7.17	1.15	ppb
Cadmium	106-1	6.50	6.19	5.16	5.95	11.80	ppb
Cadmium	111-1	7.12	7.30	7.22	7.21	1.29	ppb
Calcium	43-1	3269.14	3355.00	3403.35	3342.50	2.03	ppb
Calcium	44-1	3279.31	3378.35	3421.71	3359.79	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.37	63.59	63.20	63.72	0.94	ppb
Cobalt	59-2	93.08	93.76	92.80	93.21	0.53	ppb
Copper	63-2	142.15	141.28	143.22	142.22	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	34039.90	33818.89	34104.05	33987.61	0.44	ppb
Iron	57-2	33913.22	33715.98	34108.56	33912.59	0.58	ppb
Iron	54-2	33841.56	33860.58	34093.91	33932.02	0.41	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:16:08	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.54	24.12	24.43	24.03	1.87	ppb
Lead	207-1	23.08	23.65	24.37	23.70	2.74	ppb
Lead	208-1	23.02	23.77	24.15	23.65	2.42	ppb
Lithium	6-1				88		%
Magnesium	24-2	6771.89	6686.47	6552.25	6670.21	1.66	ppb
Manganese	55-2	802.07	795.80	803.88	800.58	0.53	ppb
Molybdenum	94-1	13.09	13.16	13.20	13.15	0.39	ppb
Molybdenum	95-1	0.42	0.37	0.42	0.40	6.31	ppb
Molybdenum	96-1	1.92	1.94	2.05	1.97	3.44	ppb
Molybdenum	97-1	0.36	0.41	0.40	0.39	6.27	ppb
Molybdenum	98-1	0.36	0.38	0.38	0.37	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.66	122.34	121.17	122.06	0.64	ppb
Phosphorus	31-2	730.37	706.95	740.93	726.08	2.39	ppb
Potassium	39-2	2218.60	2210.89	2178.17	2202.55	0.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	14.27	14.38	13.99	14.21	1.43	ppb
Selenium	77-2	17.80	20.86	21.11	19.92	9.24	ppb
Selenium	78-2	17.31	17.51	16.41	17.08	3.44	ppb
Silicon	28-1	228.86	241.32	237.39	235.86	2.70	ppb
Silver	107-1	5.71	5.94	6.00	5.88	2.60	ppb
Silver	109-1	5.69	5.93	5.95	5.86	2.45	ppb
Sodium	23-2	42.40	41.93	40.73	41.69	2.07	ppb
Strontium	86-1	36.81	37.00	37.77	37.19	1.38	ppb
Strontium	88-1	36.60	37.42	38.10	37.37	2.01	ppb
Sulfur	34-1	-1297.63	-1259.47	-1193.73	-1250.27		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	5.94	6.08	6.22	6.08	2.26	ppb
Thallium	205-1	5.88	6.12	6.21	6.07	2.83	ppb
Tin	118-1	0.64	0.68	0.67	0.67	2.82	ppb
Titanium	47-1	325.55	335.89	340.34	333.93	2.27	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:16:08	DataFile Name :	122SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.37	0.38	0.37	3.55	ppb
Vanadium	51-2	137.98	139.08	137.53	138.20	0.58	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	177.99	175.92	173.35	175.75	1.32	ppb
Zirconium	90-1	7.51	7.55	7.70	7.59	1.29	ppb
Zirconium	91-1	7.42	7.55	7.82	7.60	2.64	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:19:18	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14086.58	14278.26	14171.47	14178.77	0.68	ppb
Antimony	121-1	64.51	65.12	65.21	64.95	0.59	ppb
Arsenic	75-2	73.79	75.05	73.40	74.08	1.16	ppb
Barium	135-1	1469.71	1496.56	1483.62	1483.30	0.91	ppb
Barium	137-1	1479.67	1498.73	1505.84	1494.75	0.91	ppb
Beryllium	9-1	35.18	35.66	34.82	35.22	1.19	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.22	32.24	32.04	31.17	5.42	ppb
Cadmium	106-1	29.62	27.81	28.98	28.80	3.18	ppb
Cadmium	111-1	32.80	33.08	32.76	32.88	0.53	ppb
Calcium	43-1	3224.29	3225.27	3302.84	3250.80	1.39	ppb
Calcium	44-1	3288.12	3296.88	3330.14	3305.05	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180.28	182.20	181.24	181.24	0.53	ppb
Cobalt	59-2	395.52	400.34	399.95	398.61	0.67	ppb
Copper	63-2	274.83	278.56	277.87	277.09	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				106		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	33600.30	34210.36	33751.99	33854.22	0.94	ppb
Iron	57-2	33638.41	33900.89	33964.24	33834.51	0.51	ppb
Iron	54-2	33830.83	34296.78	33644.74	33924.12	0.99	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:19:18	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.17	33.04	32.97	33.06	0.31	ppb
Lead	207-1	32.66	32.51	32.30	32.49	0.57	ppb
Lead	208-1	32.89	32.57	32.40	32.62	0.76	ppb
Lithium	6-1				87		%
Magnesium	24-2	6578.97	6518.95	6551.60	6549.84	0.46	ppb
Manganese	55-2	1073.92	1086.47	1053.65	1071.35	1.55	ppb
Molybdenum	94-1	12.91	13.15	13.03	13.03	0.92	ppb
Molybdenum	95-1	0.40	0.40	0.39	0.40	1.99	ppb
Molybdenum	96-1	1.98	1.95	2.02	1.98	1.67	ppb
Molybdenum	97-1	0.38	0.37	0.43	0.39	7.69	ppb
Molybdenum	98-1	0.37	0.38	0.38	0.38	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	418.07	423.68	422.58	421.44	0.71	ppb
Phosphorus	31-2	709.51	703.92	716.49	709.97	0.89	ppb
Potassium	39-2	2139.21	2167.95	2147.90	2151.68	0.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	73.19	73.51	75.93	74.21	2.02	ppb
Selenium	77-2	83.81	83.97	85.36	84.38	1.01	ppb
Selenium	78-2	76.03	77.15	80.85	78.01	3.24	ppb
Silicon	28-1	229.74	228.68	233.15	230.53	1.01	ppb
Silver	107-1	27.70	28.08	28.01	27.93	0.73	ppb
Silver	109-1	27.78	28.04	28.21	28.01	0.78	ppb
Sodium	23-2	41.46	41.74	41.03	41.41	0.87	ppb
Strontium	86-1	37.29	37.13	37.14	37.19	0.24	ppb
Strontium	88-1	36.92	37.18	37.04	37.05	0.35	ppb
Sulfur	34-1	-1212.73	-1227.63	-1205.15	-1215.17		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	29.23	29.19	28.87	29.10	0.67	ppb
Thallium	205-1	29.01	29.09	28.64	28.92	0.83	ppb
Tin	118-1	0.64	0.67	0.65	0.65	2.56	ppb
Titanium	47-1	324.37	328.70	329.96	327.68	0.90	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:19:18	DataFile Name :	123SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.37	0.37	0.37	0.82	ppb
Vanadium	51-2	423.09	426.28	426.64	425.34	0.46	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	455.58	453.61	457.07	455.42	0.38	ppb
Zirconium	90-1	7.50	7.54	7.51	7.52	0.28	ppb
Zirconium	91-1	7.27	7.59	7.65	7.51	2.70	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:22:23	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14027.98	13868.66	13541.16	13812.60	1.80	ppb
Antimony	121-1	0.59	0.58	0.55	0.57	3.49	ppb
Arsenic	75-2	74.98	73.95	73.08	74.00	1.28	ppb
Barium	135-1	132.93	134.88	130.10	132.63	1.81	ppb
Barium	137-1	132.42	138.38	132.34	134.38	2.58	ppb
Beryllium	9-1	0.65	0.74	0.68	0.69	6.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.33	1.77	1.35	1.48	16.73	ppb
Cadmium	106-1	0.22	0.09	-0.37	-0.02		ppb
Cadmium	111-1	1.20	1.16	1.07	1.14	5.53	ppb
Calcium	43-1	3324.06	3413.74	3323.70	3353.84	1.55	ppb
Calcium	44-1	3336.30	3467.19	3387.52	3397.00	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.01	27.88	27.42	27.77	1.13	ppb
Cobalt	59-2	13.54	13.96	13.67	13.72	1.57	ppb
Copper	63-2	133.90	135.28	133.58	134.25	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	32405.30	32538.66	31882.53	32275.49	1.07	ppb
Iron	57-2	32057.45	32550.36	31725.96	32111.26	1.29	ppb
Iron	54-2	32052.43	32542.08	31688.14	32094.22	1.34	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:22:23	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.04	35.15	34.48	34.56	1.63	ppb
Lead	207-1	33.26	35.42	34.54	34.40	3.17	ppb
Lead	208-1	33.58	35.00	34.17	34.25	2.09	ppb
Lithium	6-1				86		%
Magnesium	24-2	4809.91	4856.13	4756.66	4807.57	1.04	ppb
Manganese	55-2	1334.63	1345.56	1327.93	1336.04	0.67	ppb
Molybdenum	94-1	9.06	9.48	8.92	9.16	3.20	ppb
Molybdenum	95-1	0.41	0.38	0.42	0.40	4.61	ppb
Molybdenum	96-1	1.48	1.59	1.47	1.51	4.17	ppb
Molybdenum	97-1	0.39	0.38	0.35	0.37	6.06	ppb
Molybdenum	98-1	0.35	0.35	0.37	0.36	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.50	30.36	29.98	29.95	1.44	ppb
Phosphorus	31-2	387.24	351.51	350.76	363.17	5.74	ppb
Potassium	39-2	1984.15	1964.83	1922.79	1957.26	1.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	0.61	0.52	0.46	0.53	13.98	ppb
Selenium	77-2	4.05	5.15	5.74	4.98	17.24	ppb
Selenium	78-2	1.35	0.97	0.60	0.97	38.19	ppb
Silicon	28-1	241.58	244.85	238.29	241.57	1.36	ppb
Silver	107-1	0.33	0.33	0.30	0.32	4.52	ppb
Silver	109-1	0.35	0.34	0.33	0.34	2.20	ppb
Sodium	23-2	44.71	43.35	42.51	43.52	2.55	ppb
Strontium	86-1	22.45	23.51	22.39	22.79	2.77	ppb
Strontium	88-1	22.48	23.24	22.55	22.75	1.84	ppb
Sulfur	34-1	-1196.85	-1099.52	-1226.43	-1174.27		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.13	0.13	0.13	1.15	ppb
Thallium	205-1	0.13	0.14	0.14	0.13	3.96	ppb
Tin	118-1	0.77	0.83	0.79	0.80	3.65	ppb
Titanium	47-1	281.61	290.80	283.33	285.25	1.71	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:22:23	DataFile Name :	124SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.32	0.29	0.30	6.23	ppb
Vanadium	51-2	60.64	60.30	59.13	60.02	1.32	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	122.90	124.08	118.91	121.96	2.22	ppb
Zirconium	90-1	5.11	5.33	5.14	5.19	2.33	ppb
Zirconium	91-1	5.27	5.42	5.28	5.32	1.53	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:25:34	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13749.49	14141.90	14074.15	13988.51	1.50	ppb
Antimony	121-1	0.53	0.61	0.58	0.57	6.44	ppb
Arsenic	75-2	73.25	74.69	75.02	74.32	1.27	ppb
Barium	135-1	135.04	136.71	139.19	136.98	1.52	ppb
Barium	137-1	137.31	139.19	141.95	139.49	1.67	ppb
Beryllium	9-1	0.73	0.73	0.67	0.71	4.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.20	1.58	1.77	1.52	18.97	ppb
Cadmium	106-1	-0.36	0.12	0.17	-0.02		ppb
Cadmium	111-1	1.18	1.10	1.11	1.13	3.81	ppb
Calcium	43-1	3337.56	3408.20	3453.29	3399.68	1.72	ppb
Calcium	44-1	3414.53	3441.54	3488.82	3448.30	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.23	28.34	28.62	28.40	0.70	ppb
Cobalt	59-2	13.75	14.11	14.03	13.96	1.34	ppb
Copper	63-2	137.44	138.30	138.52	138.09	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				107		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	32330.29	32804.31	32595.28	32576.62	0.73	ppb
Iron	57-2	31805.68	32647.78	32326.81	32260.09	1.32	ppb
Iron	54-2	32223.33	32795.24	32551.27	32523.28	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:25:34	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.00	35.41	35.91	35.44	1.29	ppb
Lead	207-1	34.56	34.87	35.13	34.85	0.81	ppb
Lead	208-1	34.63	34.97	35.27	34.96	0.91	ppb
Lithium	6-1				87		%
Magnesium	24-2	4846.42	4841.19	4877.69	4855.10	0.41	ppb
Manganese	55-2	1337.19	1362.29	1356.89	1352.12	0.98	ppb
Molybdenum	94-1	8.88	9.25	9.24	9.12	2.31	ppb
Molybdenum	95-1	0.40	0.42	0.40	0.40	2.97	ppb
Molybdenum	96-1	1.53	1.59	1.58	1.57	1.94	ppb
Molybdenum	97-1	0.37	0.40	0.38	0.38	3.76	ppb
Molybdenum	98-1	0.34	0.38	0.35	0.36	6.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.68	30.42	30.47	30.19	1.47	ppb
Phosphorus	31-2	378.32	380.19	389.38	382.63	1.55	ppb
Potassium	39-2	1966.27	2011.41	1994.13	1990.60	1.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	0.69	0.25	0.36	0.44	52.72	ppb
Selenium	77-2	3.79	3.00	6.68	4.49	43.06	ppb
Selenium	78-2	0.55	1.09	1.70	1.11	51.51	ppb
Silicon	28-1	243.54	245.22	247.67	245.48	0.85	ppb
Silver	107-1	0.29	0.33	0.32	0.31	6.09	ppb
Silver	109-1	0.32	0.30	0.31	0.31	4.06	ppb
Sodium	23-2	42.77	45.04	45.54	44.45	3.32	ppb
Strontium	86-1	22.83	23.21	23.24	23.09	0.99	ppb
Strontium	88-1	22.83	23.24	23.45	23.18	1.36	ppb
Sulfur	34-1	-1220.40	-1270.82	-1207.04	-1232.76		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.14	0.14	0.13	6.98	ppb
Thallium	205-1	0.12	0.13	0.13	0.13	6.00	ppb
Tin	118-1	0.81	0.80	0.88	0.83	4.94	ppb
Titanium	47-1	282.66	288.16	289.69	286.84	1.29	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:25:34	DataFile Name :	125SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.30	0.31	0.31	1.37	ppb
Vanadium	51-2	60.03	61.25	61.02	60.77	1.07	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	121.56	124.64	125.44	123.88	1.65	ppb
Zirconium	90-1	5.21	5.32	5.36	5.29	1.52	ppb
Zirconium	91-1	5.14	5.27	5.43	5.28	2.67	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:28:42	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2783.56	2793.06	2767.09	2781.23	0.47	ppb
Antimony	121-1	0.12	0.12	0.12	0.12	1.47	ppb
Arsenic	75-2	14.89	14.85	14.94	14.89	0.30	ppb
Barium	135-1	25.62	25.56	27.19	26.12	3.54	ppb
Barium	137-1	25.86	26.41	27.90	26.72	3.95	ppb
Beryllium	9-1	0.14	0.10	0.14	0.13	17.99	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.38	0.26	0.28	0.31	20.57	ppb
Cadmium	106-1	-1.51	-1.87	-1.36	-1.58		ppb
Cadmium	111-1	0.08	0.11	0.13	0.11	21.72	ppb
Calcium	43-1	650.01	658.83	681.33	663.39	2.43	ppb
Calcium	44-1	656.96	661.50	689.11	669.19	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.45	5.58	5.51	5.51	1.19	ppb
Cobalt	59-2	2.83	2.77	2.76	2.79	1.31	ppb
Copper	63-2	26.78	26.68	26.76	26.74	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				104		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	6391.71	6441.32	6316.43	6383.15	0.99	ppb
Iron	57-2	6523.42	6520.74	6451.05	6498.40	0.63	ppb
Iron	54-2	6583.91	6569.60	6494.73	6549.41	0.73	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:28:42	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.68	6.59	6.94	6.73	2.68	ppb
Lead	207-1	6.67	6.51	6.89	6.69	2.91	ppb
Lead	208-1	6.61	6.53	6.88	6.67	2.74	ppb
Lithium	6-1				84		%
Magnesium	24-2	988.88	980.14	975.06	981.36	0.71	ppb
Manganese	55-2	261.97	264.23	260.06	262.09	0.80	ppb
Molybdenum	94-1	1.74	1.79	1.90	1.81	4.40	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	3.05	ppb
Molybdenum	96-1	0.33	0.31	0.34	0.32	4.31	ppb
Molybdenum	97-1	0.09	0.09	0.10	0.09	9.63	ppb
Molybdenum	98-1	0.08	0.10	0.09	0.09	7.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.05	5.93	6.01	6.00	1.02	ppb
Phosphorus	31-2	65.84	53.87	54.34	58.02	11.69	ppb
Potassium	39-2	386.16	388.01	381.70	385.29	0.84	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	-0.27	-0.17	-0.40	-0.28		ppb
Selenium	77-2	0.28	0.82	1.95	1.02	84.12	ppb
Selenium	78-2	0.73	0.45	0.96	0.71	35.87	ppb
Silicon	28-1	48.31	47.55	50.90	48.92	3.59	ppb
Silver	107-1	0.06	0.06	0.07	0.06	10.58	ppb
Silver	109-1	0.07	0.06	0.07	0.06	7.70	ppb
Sodium	23-2	10.72	12.19	9.48	10.79	12.57	ppb
Strontium	86-1	4.57	4.43	4.98	4.66	6.16	ppb
Strontium	88-1	4.47	4.57	4.80	4.61	3.64	ppb
Sulfur	34-1	-1138.96	-1214.63	-1041.79	-1131.79		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.04	0.03	15.36	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.70	ppb
Tin	118-1	0.17	0.21	0.20	0.20	9.95	ppb
Titanium	47-1	55.66	55.77	57.92	56.45	2.25	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:28:42	DataFile Name :	126SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.05	0.06	0.06	6.76	ppb
Vanadium	51-2	11.76	11.99	11.91	11.89	0.99	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	24.15	24.48	23.79	24.14	1.42	ppb
Zirconium	90-1	1.03	1.04	1.08	1.05	2.66	ppb
Zirconium	91-1	1.05	1.01	1.13	1.06	5.74	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:31:58	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14063.88	14110.99	15409.79	14528.22	5.26	ppb
Antimony	121-1	13.68	13.59	13.87	13.71	1.05	ppb
Arsenic	75-2	82.24	80.49	87.17	83.30	4.16	ppb
Barium	135-1	383.48	379.87	389.05	384.13	1.20	ppb
Barium	137-1	420.85	423.90	427.60	424.12	0.80	ppb
Beryllium	9-1	7.65	8.05	7.84	7.85	2.55	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.76	7.58	7.60	7.65	1.25	ppb
Cadmium	106-1	5.89	5.46	5.23	5.53	6.12	ppb
Cadmium	111-1	7.82	7.68	7.77	7.76	0.91	ppb
Calcium	43-1	3303.48	3384.24	3371.62	3353.11	1.30	ppb
Calcium	44-1	3367.03	3388.82	3423.61	3393.15	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.06	60.25	63.63	60.98	3.89	ppb
Cobalt	59-2	90.37	90.49	97.01	92.63	4.10	ppb
Copper	63-2	170.99	173.01	186.31	176.77	4.71	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				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	32459.49	32628.16	35498.96	33528.87	5.09	ppb
Iron	57-2	32383.48	32976.30	35000.08	33453.29	4.10	ppb
Iron	54-2	32341.92	32904.81	35477.58	33574.77	4.98	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:31:58	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.39	37.16	38.31	37.62	1.62	ppb
Lead	207-1	36.44	36.21	37.61	36.75	2.05	ppb
Lead	208-1	36.51	36.59	37.41	36.84	1.35	ppb
Lithium	6-1				86		%
Magnesium	24-2	4887.42	4846.87	5301.32	5011.87	5.02	ppb
Manganese	55-2	1403.35	1421.47	1547.71	1457.51	5.40	ppb
Molybdenum	94-1	8.81	8.87	9.01	8.90	1.19	ppb
Molybdenum	95-1	0.40	0.39	0.41	0.40	1.84	ppb
Molybdenum	96-1	1.52	1.53	1.56	1.54	1.49	ppb
Molybdenum	97-1	0.36	0.38	0.36	0.37	3.55	ppb
Molybdenum	98-1	0.37	0.37	0.39	0.38	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.79	111.23	120.16	113.39	5.28	ppb
Phosphorus	31-2	378.54	390.78	411.13	393.48	4.18	ppb
Potassium	39-2	1980.28	1995.83	2147.51	2041.21	4.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	11.24	13.27	12.54	12.35	8.36	ppb
Selenium	77-2	18.48	14.17	15.20	15.95	14.13	ppb
Selenium	78-2	10.68	11.88	15.45	12.67	19.58	ppb
Silicon	28-1	203.71	205.83	209.14	206.23	1.33	ppb
Silver	107-1	5.93	6.01	6.08	6.01	1.29	ppb
Silver	109-1	5.99	6.12	6.13	6.08	1.28	ppb
Sodium	23-2	42.20	43.21	47.87	44.43	6.80	ppb
Strontium	86-1	22.45	23.35	23.47	23.09	2.41	ppb
Strontium	88-1	22.56	22.93	23.21	22.90	1.42	ppb
Sulfur	34-1	-1201.34	-1179.07	-1157.71	-1179.37		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	6.01	5.93	6.05	5.99	1.03	ppb
Thallium	205-1	5.90	5.91	6.08	5.96	1.69	ppb
Tin	118-1	0.83	0.80	0.81	0.81	2.11	ppb
Titanium	47-1	277.78	280.61	283.90	280.76	1.09	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:31:58	DataFile Name :	127SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.30	0.31	0.31	1.87	ppb
Vanadium	51-2	136.52	137.08	146.50	140.03	4.00	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	196.09	199.25	211.09	202.14	3.91	ppb
Zirconium	90-1	5.05	5.02	5.22	5.10	2.07	ppb
Zirconium	91-1	4.91	5.15	5.20	5.09	3.04	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:35:06	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14942.76	14948.81	14806.70	14899.42	0.54	ppb
Antimony	121-1	62.34	62.78	63.95	63.02	1.32	ppb
Arsenic	75-2	99.28	99.50	99.15	99.31	0.18	ppb
Barium	135-1	1410.68	1406.21	1444.78	1420.55	1.48	ppb
Barium	137-1	1411.09	1406.83	1465.58	1427.84	2.29	ppb
Beryllium	9-1	33.04	34.08	34.88	34.00	2.71	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.13	30.10	30.37	30.53	1.74	ppb
Cadmium	106-1	26.96	27.59	28.43	27.66	2.67	ppb
Cadmium	111-1	32.17	32.27	33.21	32.55	1.78	ppb
Calcium	43-1	3219.89	3201.68	3239.97	3220.51	0.59	ppb
Calcium	44-1	3214.26	3280.95	3314.92	3270.04	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171.63	175.50	173.84	173.66	1.12	ppb
Cobalt	59-2	385.85	393.23	388.64	389.24	0.96	ppb
Copper	63-2	301.38	306.22	302.53	303.38	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	32496.24	32755.67	32247.30	32499.74	0.78	ppb
Iron	57-2	32367.06	32788.50	32400.00	32518.52	0.72	ppb
Iron	54-2	32243.55	32718.62	32206.90	32389.69	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:35:06	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.40	45.83	45.67	45.30	1.74	ppb
Lead	207-1	43.85	45.02	44.83	44.56	1.41	ppb
Lead	208-1	43.65	44.98	44.94	44.52	1.70	ppb
Lithium	6-1				85		%
Magnesium	24-2	4706.17	4787.47	4780.95	4758.20	0.95	ppb
Manganese	55-2	1641.49	1665.23	1666.41	1657.71	0.85	ppb
Molybdenum	94-1	8.57	8.77	8.54	8.63	1.42	ppb
Molybdenum	95-1	0.41	0.42	0.44	0.42	4.32	ppb
Molybdenum	96-1	1.47	1.46	1.51	1.48	1.90	ppb
Molybdenum	97-1	0.36	0.38	0.38	0.37	3.42	ppb
Molybdenum	98-1	0.35	0.39	0.37	0.37	5.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	400.55	406.92	402.09	403.19	0.82	ppb
Phosphorus	31-2	364.46	355.60	362.34	360.80	1.28	ppb
Potassium	39-2	1915.85	1939.42	1916.47	1923.91	0.70	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	70.79	72.24	72.58	71.87	1.33	ppb
Selenium	77-2	80.46	74.80	80.94	78.73	4.33	ppb
Selenium	78-2	78.15	79.56	75.41	77.71	2.71	ppb
Silicon	28-1	194.43	198.96	210.40	201.26	4.09	ppb
Silver	107-1	26.69	26.88	27.91	27.16	2.41	ppb
Silver	109-1	26.91	27.16	27.70	27.25	1.48	ppb
Sodium	23-2	40.07	41.36	41.58	41.00	1.98	ppb
Strontium	86-1	21.93	22.08	22.42	22.14	1.15	ppb
Strontium	88-1	21.69	22.38	22.58	22.22	2.09	ppb
Sulfur	34-1	-1292.15	-1260.31	-1233.77	-1262.07		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	27.60	28.42	28.21	28.08	1.51	ppb
Thallium	205-1	27.63	28.11	28.23	27.99	1.13	ppb
Tin	118-1	0.77	0.77	0.81	0.78	2.89	ppb
Titanium	47-1	265.41	274.52	274.41	271.45	1.93	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:35:06	DataFile Name :	128SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.30	0.29	0.30	2.84	ppb
Vanadium	51-2	416.79	421.45	416.67	418.30	0.65	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	470.74	478.99	472.35	474.03	0.92	ppb
Zirconium	90-1	4.79	5.00	5.02	4.94	2.63	ppb
Zirconium	91-1	4.82	4.98	5.07	4.96	2.49	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:38:13	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8716.73	8880.81	8875.99	8824.51	1.06	ppb
Antimony	121-1	1.47	1.48	1.53	1.49	2.23	ppb
Arsenic	75-2	51.40	52.08	49.55	51.01	2.57	ppb
Barium	135-1	116.43	116.16	116.70	116.43	0.23	ppb
Barium	137-1	118.57	117.38	118.44	118.13	0.55	ppb
Beryllium	9-1	0.39	0.36	0.37	0.37	4.74	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.16	1.16	0.85	1.06	16.93	ppb
Cadmium	106-1	0.22	-0.93	-1.11	-0.61		ppb
Cadmium	111-1	0.70	0.65	0.74	0.70	5.87	ppb
Calcium	43-1	2057.73	2051.84	2029.12	2046.23	0.74	ppb
Calcium	44-1	2060.21	2084.67	2083.06	2075.98	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.06	23.98	24.39	24.14	0.90	ppb
Cobalt	59-2	14.11	14.24	14.11	14.15	0.54	ppb
Copper	63-2	99.75	99.97	99.80	99.84	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	29190.22	29205.96	29286.00	29227.39	0.18	ppb
Iron	57-2	29102.67	29561.98	28958.28	29207.64	1.08	ppb
Iron	54-2	29097.04	29114.74	29206.55	29139.44	0.20	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:38:13	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.69	28.46	28.50	28.22	1.62	ppb
Lead	207-1	27.60	28.16	28.26	28.00	1.26	ppb
Lead	208-1	27.53	28.23	28.09	27.95	1.33	ppb
Lithium	6-1				85		%
Magnesium	24-2	5074.64	5034.76	4937.94	5015.78	1.40	ppb
Manganese	55-2	652.95	655.09	653.68	653.91	0.17	ppb
Molybdenum	94-1	7.13	7.21	7.09	7.14	0.91	ppb
Molybdenum	95-1	0.56	0.55	0.48	0.53	8.37	ppb
Molybdenum	96-1	1.37	1.42	1.43	1.41	2.36	ppb
Molybdenum	97-1	0.53	0.45	0.50	0.49	8.19	ppb
Molybdenum	98-1	0.49	0.51	0.49	0.49	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.28	30.21	30.80	30.43	1.05	ppb
Phosphorus	31-2	548.58	549.36	539.18	545.70	1.04	ppb
Potassium	39-2	1895.02	1913.28	1923.70	1910.66	0.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	0.33	0.09	0.63	0.35	76.53	ppb
Selenium	77-2	3.82	5.75	4.09	4.55	22.89	ppb
Selenium	78-2	2.24	1.10	1.08	1.47	44.85	ppb
Silicon	28-1	113.67	117.11	117.64	116.14	1.86	ppb
Silver	107-1	0.23	0.22	0.20	0.21	7.45	ppb
Silver	109-1	0.24	0.20	0.20	0.21	9.41	ppb
Sodium	23-2	37.91	37.23	39.30	38.15	2.76	ppb
Strontium	86-1	22.11	22.16	22.07	22.12	0.21	ppb
Strontium	88-1	21.98	22.17	22.10	22.08	0.44	ppb
Sulfur	34-1	-1265.82	-1261.24	-1299.27	-1275.44		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.16	0.16	0.16	0.16	2.09	ppb
Thallium	205-1	0.15	0.15	0.16	0.15	1.31	ppb
Tin	118-1	0.74	0.74	0.72	0.73	1.61	ppb
Titanium	47-1	241.66	244.47	243.46	243.20	0.59	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:38:13	DataFile Name :	129SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.28	0.28	0.28	1.22	ppb
Vanadium	51-2	55.70	55.35	55.44	55.50	0.33	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	95.10	95.97	96.89	95.99	0.94	ppb
Zirconium	90-1	4.00	4.05	4.02	4.03	0.65	ppb
Zirconium	91-1	4.07	4.08	3.96	4.04	1.63	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:41:22	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8910.34	8812.64	8603.03	8775.34	1.79	ppb
Antimony	121-1	1.45	1.49	1.45	1.47	1.42	ppb
Arsenic	75-2	50.41	51.94	50.01	50.79	2.00	ppb
Barium	135-1	115.58	117.68	118.89	117.38	1.43	ppb
Barium	137-1	116.24	119.89	119.90	118.68	1.78	ppb
Beryllium	9-1	0.38	0.42	0.36	0.39	8.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.15	0.90	1.18	1.07	14.27	ppb
Cadmium	106-1	-0.20	-0.51	-0.71	-0.48		ppb
Cadmium	111-1	0.68	0.72	0.74	0.71	4.22	ppb
Calcium	43-1	2111.60	2112.12	2085.52	2103.08	0.72	ppb
Calcium	44-1	2119.05	2139.30	2130.93	2129.76	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.34	24.30	24.02	24.22	0.73	ppb
Cobalt	59-2	14.22	13.92	14.01	14.05	1.07	ppb
Copper	63-2	99.93	100.23	99.84	100.00	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	29018.68	28874.38	29188.67	29027.24	0.54	ppb
Iron	57-2	29067.60	28642.80	29127.63	28946.01	0.91	ppb
Iron	54-2	29332.23	28834.89	28652.53	28939.88	1.22	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:41:22	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.08	28.00	28.41	28.16	0.76	ppb
Lead	207-1	27.88	28.26	28.22	28.12	0.73	ppb
Lead	208-1	27.81	28.00	28.00	27.94	0.39	ppb
Lithium	6-1				85		%
Magnesium	24-2	5103.59	5026.00	5128.84	5086.14	1.05	ppb
Manganese	55-2	637.81	644.36	646.85	643.00	0.73	ppb
Molybdenum	94-1	6.96	7.10	7.13	7.06	1.27	ppb
Molybdenum	95-1	0.54	0.55	0.54	0.54	1.24	ppb
Molybdenum	96-1	1.41	1.45	1.44	1.43	1.50	ppb
Molybdenum	97-1	0.49	0.53	0.54	0.52	5.25	ppb
Molybdenum	98-1	0.49	0.53	0.54	0.52	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.17	31.22	30.36	30.92	1.56	ppb
Phosphorus	31-2	577.66	562.97	579.55	573.39	1.58	ppb
Potassium	39-2	1939.22	1927.28	1910.77	1925.76	0.74	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	0.77	0.32	0.23	0.44	65.84	ppb
Selenium	77-2	4.07	2.77	5.45	4.10	32.71	ppb
Selenium	78-2	1.22	1.09	0.18	0.83	68.53	ppb
Silicon	28-1	116.17	118.01	117.50	117.23	0.81	ppb
Silver	107-1	0.20	0.20	0.18	0.19	4.80	ppb
Silver	109-1	0.18	0.17	0.19	0.18	3.71	ppb
Sodium	23-2	55.24	54.34	54.13	54.57	1.08	ppb
Strontium	86-1	21.54	22.14	21.81	21.83	1.38	ppb
Strontium	88-1	21.54	21.97	22.14	21.88	1.42	ppb
Sulfur	34-1	-1032.64	-1122.78	-1134.92	-1096.78		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.14	0.16	0.15	0.15	7.09	ppb
Thallium	205-1	0.16	0.14	0.15	0.15	4.29	ppb
Tin	118-1	1.08	1.15	1.17	1.13	3.84	ppb
Titanium	47-1	241.04	243.99	240.63	241.89	0.76	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:41:22	DataFile Name :	130SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.28	0.28	0.28	0.28	0.82	ppb
Vanadium	51-2	55.06	54.56	54.29	54.64	0.72	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	104.15	103.24	100.81	102.73	1.68	ppb
Zirconium	90-1	3.84	3.95	3.96	3.91	1.70	ppb
Zirconium	91-1	3.86	4.01	3.99	3.95	2.03	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:44:34	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1805.60	1764.80	1777.40	1782.60	1.17	ppb
Antimony	121-1	0.30	0.31	0.31	0.31	2.00	ppb
Arsenic	75-2	10.11	10.63	10.43	10.39	2.53	ppb
Barium	135-1	23.46	23.09	22.68	23.08	1.71	ppb
Barium	137-1	23.28	23.43	23.62	23.44	0.73	ppb
Beryllium	9-1	0.04	0.07	0.07	0.06	26.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.26	0.22	0.14	0.21	28.64	ppb
Cadmium	106-1	-0.12	-2.09	-1.77	-1.33		ppb
Cadmium	111-1	0.13	0.01	0.03	0.06	110.58	ppb
Calcium	43-1	391.36	421.82	410.58	407.92	3.78	ppb
Calcium	44-1	411.74	424.78	416.54	417.69	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.01	4.91	4.77	4.90	2.49	ppb
Cobalt	59-2	2.85	2.85	2.79	2.83	1.23	ppb
Copper	63-2	20.09	20.05	19.94	20.03	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				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	5852.06	5859.79	5783.48	5831.78	0.72	ppb
Iron	57-2	5947.13	5979.31	5873.22	5933.22	0.92	ppb
Iron	54-2	6045.60	5983.25	5942.21	5990.35	0.87	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:44:34	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.62	5.50	5.59	5.57	1.15	ppb
Lead	207-1	5.48	5.48	5.47	5.48	0.15	ppb
Lead	208-1	5.52	5.45	5.49	5.49	0.64	ppb
Lithium	6-1				87		%
Magnesium	24-2	1048.76	1034.73	1029.40	1037.63	0.96	ppb
Manganese	55-2	130.16	128.76	127.37	128.76	1.08	ppb
Molybdenum	94-1	1.39	1.43	1.46	1.43	2.17	ppb
Molybdenum	95-1	0.12	0.11	0.12	0.12	3.44	ppb
Molybdenum	96-1	0.31	0.30	0.30	0.30	1.68	ppb
Molybdenum	97-1	0.13	0.13	0.13	0.13	1.99	ppb
Molybdenum	98-1	0.11	0.12	0.12	0.11	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.19	6.20	6.31	6.23	1.08	ppb
Phosphorus	31-2	83.31	92.23	83.72	86.42	5.83	ppb
Potassium	39-2	376.52	374.60	370.44	373.86	0.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	-0.19	-0.38	0.28	-0.10		ppb
Selenium	77-2	0.55	0.83	1.63	1.00	56.05	ppb
Selenium	78-2	-0.86	0.89	0.08	0.04	2419.40	ppb
Silicon	28-1	23.33	23.97	23.82	23.70	1.41	ppb
Silver	107-1	0.04	0.04	0.04	0.04	1.83	ppb
Silver	109-1	0.04	0.04	0.03	0.04	9.58	ppb
Sodium	23-2	8.50	9.72	8.04	8.75	9.93	ppb
Strontium	86-1	4.40	4.35	4.49	4.41	1.55	ppb
Strontium	88-1	4.32	4.45	4.43	4.40	1.51	ppb
Sulfur	34-1	-1166.62	-1158.49	-1154.13	-1159.75		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.04	0.04	3.36	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	18.17	ppb
Tin	118-1	0.17	0.18	0.19	0.18	5.45	ppb
Titanium	47-1	48.38	48.63	48.48	48.50	0.26	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:44:34	DataFile Name :	131SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	0.44	ppb
Vanadium	51-2	11.07	11.24	10.99	11.10	1.14	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	19.60	18.55	18.93	19.03	2.79	ppb
Zirconium	90-1	0.88	0.79	0.82	0.83	5.47	ppb
Zirconium	91-1	0.76	0.81	0.76	0.77	3.66	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:47:49	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8923.03	8848.33	8831.71	8867.69	0.55	ppb
Antimony	121-1	13.60	14.02	14.03	13.89	1.78	ppb
Arsenic	75-2	54.39	56.29	56.00	55.56	1.84	ppb
Barium	135-1	346.11	356.96	355.15	352.74	1.65	ppb
Barium	137-1	384.18	389.30	389.81	387.76	0.80	ppb
Beryllium	9-1	7.34	7.06	6.93	7.11	2.94	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.64	7.09	7.11	6.94	3.83	ppb
Cadmium	106-1	4.89	4.38	5.03	4.77	7.14	ppb
Cadmium	111-1	6.91	6.98	7.17	7.02	1.91	ppb
Calcium	43-1	1979.13	1994.79	2040.21	2004.71	1.58	ppb
Calcium	44-1	2001.37	2025.34	2058.02	2028.24	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.17	53.42	53.49	53.69	0.77	ppb
Cobalt	59-2	87.86	86.60	87.22	87.23	0.72	ppb
Copper	63-2	133.61	132.39	133.37	133.12	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				104		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	28915.18	28484.20	28790.01	28729.80	0.77	ppb
Iron	57-2	28965.66	28438.50	28268.96	28557.70	1.27	ppb
Iron	54-2	28757.90	28465.00	28944.25	28722.38	0.84	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:47:49	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.09	29.70	30.01	29.60	1.58	ppb
Lead	207-1	29.06	29.41	29.40	29.29	0.68	ppb
Lead	208-1	28.98	29.38	29.44	29.27	0.85	ppb
Lithium	6-1				87		%
Magnesium	24-2	5042.95	4993.72	4970.60	5002.42	0.74	ppb
Manganese	55-2	711.30	704.94	714.23	710.16	0.67	ppb
Molybdenum	94-1	7.14	7.38	7.41	7.31	2.03	ppb
Molybdenum	95-1	0.48	0.48	0.49	0.48	0.82	ppb
Molybdenum	96-1	1.38	1.43	1.44	1.41	2.32	ppb
Molybdenum	97-1	0.48	0.50	0.49	0.49	2.49	ppb
Molybdenum	98-1	0.45	0.49	0.51	0.48	5.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.99	106.01	106.43	106.14	0.24	ppb
Phosphorus	31-2	504.96	540.83	539.98	528.59	3.87	ppb
Potassium	39-2	1853.41	1885.13	1862.79	1867.11	0.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	14.62	14.77	14.99	14.79	1.26	ppb
Selenium	77-2	19.37	20.89	15.77	18.68	14.07	ppb
Selenium	78-2	13.84	13.10	17.98	14.97	17.55	ppb
Silicon	28-1	128.92	131.57	134.32	131.61	2.05	ppb
Silver	107-1	5.48	5.72	5.55	5.58	2.24	ppb
Silver	109-1	5.53	5.72	5.59	5.61	1.71	ppb
Sodium	23-2	33.25	34.80	34.63	34.23	2.48	ppb
Strontium	86-1	21.19	21.89	22.00	21.69	2.02	ppb
Strontium	88-1	21.37	21.69	21.85	21.64	1.14	ppb
Sulfur	34-1	-1156.46	-1223.64	-1152.89	-1177.66		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	5.63	5.85	5.73	5.74	1.99	ppb
Thallium	205-1	5.71	5.78	5.77	5.75	0.68	ppb
Tin	118-1	0.65	0.70	0.69	0.68	3.99	ppb
Titanium	47-1	237.76	242.93	246.30	242.33	1.78	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:47:49	DataFile Name :	132SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.27	0.27	0.27	0.52	ppb
Vanadium	51-2	127.60	126.90	125.58	126.69	0.81	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	164.13	163.47	163.51	163.70	0.23	ppb
Zirconium	90-1	4.01	4.06	4.09	4.06	1.02	ppb
Zirconium	91-1	4.05	3.97	4.07	4.03	1.32	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:51:00	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9685.00	9666.04	9679.30	9676.78	0.10	ppb
Antimony	121-1	63.28	63.59	64.11	63.66	0.66	ppb
Arsenic	75-2	75.14	76.19	73.69	75.00	1.67	ppb
Barium	135-1	1389.48	1396.99	1414.45	1400.31	0.91	ppb
Barium	137-1	1398.89	1400.41	1420.02	1406.44	0.84	ppb
Beryllium	9-1	32.74	33.81	33.55	33.37	1.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.64	31.71	30.93	30.76	3.39	ppb
Cadmium	106-1	27.11	26.95	27.64	27.24	1.32	ppb
Cadmium	111-1	31.91	32.18	32.22	32.11	0.53	ppb
Calcium	43-1	1965.35	1999.47	2027.28	1997.37	1.55	ppb
Calcium	44-1	1991.67	2010.13	2016.83	2006.21	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	167.46	169.28	168.63	168.45	0.55	ppb
Cobalt	59-2	387.28	376.88	389.22	384.46	1.73	ppb
Copper	63-2	265.15	265.19	267.30	265.88	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				105		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	28651.89	28778.90	28821.68	28750.82	0.31	ppb
Iron	57-2	28469.63	28492.30	28613.63	28525.19	0.27	ppb
Iron	54-2	28752.27	29196.46	28879.86	28942.86	0.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:51:00	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.43	38.41	39.41	38.75	1.48	ppb
Lead	207-1	38.00	38.20	38.74	38.31	1.00	ppb
Lead	208-1	37.97	38.06	38.92	38.32	1.38	ppb
Lithium	6-1				88		%
Magnesium	24-2	4823.65	4835.69	4856.31	4838.55	0.34	ppb
Manganese	55-2	978.92	969.78	979.82	976.17	0.57	ppb
Molybdenum	94-1	7.06	7.32	7.17	7.18	1.87	ppb
Molybdenum	95-1	0.48	0.51	0.50	0.49	2.87	ppb
Molybdenum	96-1	1.37	1.39	1.41	1.39	1.34	ppb
Molybdenum	97-1	0.46	0.48	0.46	0.47	2.36	ppb
Molybdenum	98-1	0.48	0.47	0.45	0.47	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	398.05	400.92	400.79	399.92	0.41	ppb
Phosphorus	31-2	506.65	521.54	530.56	519.58	2.32	ppb
Potassium	39-2	1833.99	1827.35	1834.09	1831.81	0.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	72.41	70.99	71.90	71.76	1.01	ppb
Selenium	77-2	82.32	76.67	77.95	78.98	3.75	ppb
Selenium	78-2	70.36	72.72	74.06	72.38	2.60	ppb
Silicon	28-1	134.51	132.78	131.86	133.05	1.01	ppb
Silver	107-1	25.97	26.38	26.46	26.27	1.00	ppb
Silver	109-1	26.10	26.81	26.86	26.59	1.60	ppb
Sodium	23-2	34.63	33.94	35.23	34.60	1.86	ppb
Strontium	86-1	20.83	21.26	21.27	21.12	1.18	ppb
Strontium	88-1	21.01	21.38	21.41	21.27	1.02	ppb
Sulfur	34-1	-1103.91	-1172.38	-1165.24	-1147.18		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	28.43	27.94	29.12	28.50	2.07	ppb
Thallium	205-1	28.16	27.98	28.67	28.27	1.27	ppb
Tin	118-1	0.68	0.73	0.75	0.72	5.24	ppb
Titanium	47-1	239.28	241.82	242.90	241.34	0.77	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:51:00	DataFile Name :	133SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.27	0.27	2.55	ppb
Vanadium	51-2	407.46	408.12	409.80	408.46	0.30	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	438.92	440.73	444.24	441.30	0.61	ppb
Zirconium	90-1	3.94	4.02	4.05	4.01	1.43	ppb
Zirconium	91-1	3.90	3.98	3.99	3.96	1.16	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:54:04	DataFile Name :	134CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47073.37	47228.85	47361.13	47221.12	0.31	ppb
Antimony	121-1	481.00	491.13	570.32	514.15	9.51	ppb
Arsenic	75-2	514.76	511.12	516.44	514.11	0.53	ppb
Barium	135-1	2305.61	2341.82	2722.64	2456.69	9.40	ppb
Barium	137-1	2354.78	2369.37	2726.99	2483.71	8.49	ppb
Beryllium	9-1	471.09	478.25	556.35	501.90	9.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	482.47	490.70	571.08	514.75	9.51	ppb
Cadmium	106-1	485.58	492.43	563.67	513.89	8.42	ppb
Cadmium	111-1	468.80	472.97	546.91	496.23	8.86	ppb
Calcium	43-1	248355.32	244647.87	288392.13	260465.11	9.31	ppb
Calcium	44-1	248249.87	244865.40	289264.34	260793.20	9.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.64	522.04	507.19	515.63	1.48	ppb
Cobalt	59-2	551.44	546.19	540.23	545.95	1.03	ppb
Copper	63-2	5295.25	5296.70	5224.05	5272.00	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				104		%
Holmium	165-2				108		%
Indium	115-1				92		%
Indium	115-2				97		%
Iron	56-2	128557.53	130108.76	127070.48	128578.92	1.18	ppb
Iron	57-2	127611.49	128818.05	127881.84	128103.79	0.49	ppb
Iron	54-2	128216.23	129205.58	127801.31	128407.71	0.56	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:54:04	DataFile Name :	134CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2465.22	2448.22	2869.13	2594.19	9.18	ppb
Lead	207-1	2448.31	2418.55	2841.30	2569.39	9.18	ppb
Lead	208-1	2446.32	2425.57	2844.63	2572.17	9.18	ppb
Lithium	6-1				85		%
Magnesium	24-2	239938.49	243521.21	241645.00	241701.57	0.74	ppb
Manganese	55-2	5083.45	5111.37	5050.12	5081.65	0.60	ppb
Molybdenum	94-1	4751.38	4843.18	5620.16	5071.57	9.41	ppb
Molybdenum	95-1	4739.97	4808.36	5653.31	5067.21	10.04	ppb
Molybdenum	96-1	4727.21	4822.48	5627.20	5058.96	9.77	ppb
Molybdenum	97-1	4719.52	4829.96	5679.66	5076.38	10.35	ppb
Molybdenum	98-1	4714.59	4812.54	5624.55	5050.56	9.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.70	530.95	522.25	528.30	0.99	ppb
Phosphorus	31-2	9673.33	9770.58	9775.14	9739.68	0.59	ppb
Potassium	39-2	121089.38	122772.42	120351.64	121404.48	1.02	ppb
Rhodium	103-1				88		%
Rhodium	103-2				95		%
Scandium	45-1				89		%
Scandium	45-2				97		%
Selenium	82-1	463.79	473.01	549.33	495.38	9.48	ppb
Selenium	77-2	511.44	508.17	492.66	504.09	1.99	ppb
Selenium	78-2	490.96	494.29	506.37	497.21	1.63	ppb
Silicon	28-1	1538.72	1534.33	1791.18	1621.41	9.07	ppb
Silver	107-1	473.31	475.77	548.66	499.25	8.58	ppb
Silver	109-1	470.99	472.25	547.69	496.98	8.84	ppb
Sodium	23-2	241208.04	242787.84	240869.09	241621.66	0.42	ppb
Strontium	86-1	11671.17	11860.37	13894.61	12475.38	9.88	ppb
Strontium	88-1	11712.49	11818.90	13850.28	12460.56	9.67	ppb
Sulfur	34-1	8671.20	8511.94	10781.45	9321.53	13.59	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	491.54	487.46	573.83	517.61	9.41	ppb
Thallium	205-1	486.17	481.09	571.36	512.88	9.89	ppb
Tin	118-1	457.86	459.12	528.65	481.88	8.41	ppb
Titanium	47-1	4697.57	4690.82	5487.30	4958.56	9.23	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:54:04	DataFile Name :	134CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	494.93	497.52	581.09	524.51	9.34	ppb
Vanadium	51-2	517.41	523.59	509.82	516.94	1.33	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	5232.07	5254.39	5243.05	5243.17	0.21	ppb
Zirconium	90-1	482.14	487.12	572.03	513.76	9.83	ppb
Zirconium	91-1	478.25	484.67	573.55	512.16	10.40	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:58:16	DataFile Name :	135CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.19	3.77	3.83	3.93	5.84	ppb
Antimony	121-1	0.16	0.17	0.18	0.17	7.53	ppb
Arsenic	75-2	0.08	0.01	0.04	0.04	84.07	ppb
Barium	135-1	0.17	0.19	0.17	0.18	5.35	ppb
Barium	137-1	0.16	0.17	0.16	0.16	2.52	ppb
Beryllium	9-1	0.02	0.07	0.04	0.04	52.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	0.01	0.04	0.00	6750.01	ppb
Cadmium	106-1	-2.09	-2.67	-2.04	-2.27		ppb
Cadmium	111-1	-0.11	-0.16	-0.13	-0.13		ppb
Calcium	43-1	9.84	4.92	6.92	7.23	34.19	ppb
Calcium	44-1	7.40	7.53	6.91	7.28	4.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.02	0.03	0.03	40.50	ppb
Cobalt	59-2	0.04	0.03	0.04	0.03	18.94	ppb
Copper	63-2	0.13	0.10	0.11	0.11	15.57	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				107		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	8.17	7.70	7.42	7.76	4.89	ppb
Iron	57-2	6.29	6.39	5.81	6.16	5.02	ppb
Iron	54-2	9.13	9.04	8.68	8.95	2.64	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:58:16	DataFile Name :	135CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.07	0.07	0.08	10.68	ppb
Lead	207-1	0.09	0.07	0.07	0.08	12.96	ppb
Lead	208-1	0.09	0.08	0.07	0.08	8.16	ppb
Lithium	6-1				89		%
Magnesium	24-2	5.81	6.27	5.92	6.00	3.92	ppb
Manganese	55-2	0.31	0.33	0.32	0.32	2.95	ppb
Molybdenum	94-1	0.28	0.28	0.23	0.26	11.11	ppb
Molybdenum	95-1	0.17	0.15	0.13	0.15	12.79	ppb
Molybdenum	96-1	0.17	0.17	0.16	0.17	3.26	ppb
Molybdenum	97-1	0.17	0.16	0.14	0.16	7.07	ppb
Molybdenum	98-1	0.15	0.16	0.17	0.16	4.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.01	137.99	ppb
Phosphorus	31-2	-17.49	-16.56	-16.70	-16.92		ppb
Potassium	39-2	-0.38	-0.92	-0.90	-0.73		ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.19	-0.02	-0.19	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.58	0.33	-0.33	-0.19		ppb
Silicon	28-1	-0.05	0.25	0.01	0.07	234.44	ppb
Silver	107-1	0.03	0.03	0.02	0.03	19.04	ppb
Silver	109-1	0.03	0.03	0.02	0.03	28.82	ppb
Sodium	23-2	9.63	9.11	8.97	9.24	3.79	ppb
Strontium	86-1	0.27	0.26	0.26	0.27	2.32	ppb
Strontium	88-1	0.28	0.28	0.24	0.27	8.10	ppb
Sulfur	34-1	-570.62	-377.08	-549.43	-499.04		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.05	0.05	0.05	9.45	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	7.06	ppb
Tin	118-1	0.06	0.19	0.10	0.12	54.68	ppb
Titanium	47-1	0.18	0.18	0.19	0.18	1.95	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:58:16	DataFile Name :	135CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.01	18.69	ppb
Vanadium	51-2	0.04	0.04	0.03	0.04	4.60	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.08	0.01	-0.10	0.00		ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	4.12	ppb
Zirconium	91-1	0.09	0.09	0.06	0.08	22.75	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:04:19	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33798.78	33513.08	33377.42	33563.09	0.64	ppb
Antimony	121-1	3.54	3.59	3.52	3.55	1.04	ppb
Arsenic	75-2	123.70	122.87	121.28	122.62	1.00	ppb
Barium	135-1	459.71	457.04	457.85	458.20	0.30	ppb
Barium	137-1	510.19	503.72	509.15	507.69	0.68	ppb
Beryllium	9-1	1.69	1.40	1.55	1.55	9.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.84	2.38	2.89	2.70	10.36	ppb
Cadmium	106-1	1.67	1.22	1.02	1.30	25.42	ppb
Cadmium	111-1	1.77	1.68	1.80	1.75	3.69	ppb
Calcium	43-1	7891.09	8059.49	8057.22	8002.60	1.21	ppb
Calcium	44-1	7554.73	7694.93	7607.91	7619.19	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.32	95.90	95.23	95.81	0.57	ppb
Cobalt	59-2	52.02	51.71	51.28	51.67	0.73	ppb
Copper	63-2	257.67	255.22	252.37	255.09	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				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	102421.46	100874.33	99881.91	101059.23	1.27	ppb
Iron	57-2	100368.30	100466.67	99906.33	100247.10	0.30	ppb
Iron	54-2	101648.15	101256.09	99502.77	100802.34	1.13	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:04:19	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	68.18	67.94	68.66	68.26	0.53	ppb
Lead	207-1	67.63	66.99	67.63	67.42	0.55	ppb
Lead	208-1	67.17	67.12	68.23	67.51	0.93	ppb
Lithium	6-1				90		%
Magnesium	24-2	18618.22	18544.60	18344.53	18502.45	0.77	ppb
Manganese	55-2	2657.53	2633.49	2599.63	2630.22	1.11	ppb
Molybdenum	94-1	18.56	18.46	18.81	18.61	0.97	ppb
Molybdenum	95-1	1.17	1.19	1.29	1.22	5.32	ppb
Molybdenum	96-1	3.82	3.85	3.86	3.84	0.54	ppb
Molybdenum	97-1	1.23	1.21	1.27	1.24	2.75	ppb
Molybdenum	98-1	1.18	1.15	1.19	1.17	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.13	104.35	102.69	103.39	0.83	ppb
Phosphorus	31-2	1979.59	1971.36	1962.65	1971.20	0.43	ppb
Potassium	39-2	7437.11	7346.99	7272.55	7352.22	1.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.89	0.65	0.49	0.67	29.59	ppb
Selenium	77-2	13.56	16.36	16.49	15.47	10.70	ppb
Selenium	78-2	6.18	5.17	2.89	4.75	35.52	ppb
Silicon	28-1	675.49	698.83	682.57	685.63	1.75	ppb
Silver	107-1	1.32	1.32	1.39	1.34	3.00	ppb
Silver	109-1	1.36	1.37	1.36	1.36	0.33	ppb
Sodium	23-2	125.36	124.51	123.82	124.56	0.62	ppb
Strontium	86-1	71.35	72.53	72.49	72.12	0.93	ppb
Strontium	88-1	73.74	75.10	75.72	74.86	1.36	ppb
Sulfur	34-1	-861.21	-952.82	-1021.59	-945.20		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.44	0.43	0.44	0.44	1.13	ppb
Thallium	205-1	0.44	0.43	0.45	0.44	2.09	ppb
Tin	118-1	2.53	2.55	2.55	2.54	0.38	ppb
Titanium	47-1	840.71	845.58	846.33	844.21	0.36	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:04:19	DataFile Name :	136SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.08	1.07	1.07	1.84	ppb
Vanadium	51-2	198.76	196.71	195.80	197.09	0.77	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	270.00	270.01	268.04	269.35	0.42	ppb
Zirconium	90-1	10.31	10.53	10.60	10.48	1.45	ppb
Zirconium	91-1	10.28	10.42	10.66	10.45	1.83	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07ARE	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:07:26	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33323.68	33166.42	33348.78	33279.63	0.30	ppb
Antimony	121-1	5.20	5.29	5.33	5.27	1.30	ppb
Arsenic	75-2	195.80	195.19	194.89	195.29	0.24	ppb
Barium	135-1	463.33	471.02	473.46	469.27	1.13	ppb
Barium	137-1	518.60	512.54	524.13	518.42	1.12	ppb
Beryllium	9-1	1.61	1.51	1.56	1.56	3.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.18	4.54	4.32	4.35	4.15	ppb
Cadmium	106-1	4.76	4.00	3.85	4.20	11.68	ppb
Cadmium	111-1	3.37	3.43	3.25	3.35	2.73	ppb
Calcium	43-1	7711.54	7947.12	7836.95	7831.87	1.50	ppb
Calcium	44-1	7386.49	7454.71	7457.54	7432.91	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.68	90.24	90.15	90.36	0.31	ppb
Cobalt	59-2	52.60	52.24	52.42	52.42	0.34	ppb
Copper	63-2	367.79	367.48	364.80	366.69	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	109981.63	108864.03	108995.84	109280.50	0.56	ppb
Iron	57-2	107890.40	108662.53	107468.69	108007.21	0.56	ppb
Iron	54-2	108103.44	108462.18	108427.59	108331.07	0.18	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07ARE	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:07:26	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	111.67	115.36	115.97	114.33	2.04	ppb
Lead	207-1	110.52	114.10	115.98	113.53	2.44	ppb
Lead	208-1	120.25	124.80	123.29	122.78	1.89	ppb
Lithium	6-1				88		%
Magnesium	24-2	19288.28	19333.98	19184.45	19268.90	0.40	ppb
Manganese	55-2	2425.41	2408.72	2429.68	2421.27	0.46	ppb
Molybdenum	94-1	29.47	30.06	30.19	29.91	1.29	ppb
Molybdenum	95-1	1.73	1.79	1.75	1.75	1.72	ppb
Molybdenum	96-1	5.40	5.59	5.65	5.55	2.40	ppb
Molybdenum	97-1	1.73	1.77	1.69	1.73	2.27	ppb
Molybdenum	98-1	1.65	1.70	1.74	1.70	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.87	113.94	114.33	114.05	0.21	ppb
Phosphorus	31-2	2155.53	2121.57	2144.07	2140.39	0.81	ppb
Potassium	39-2	6872.45	6853.95	6842.45	6856.28	0.22	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.70	0.63	1.02	0.78	26.60	ppb
Selenium	77-2	10.58	20.15	19.66	16.80	32.08	ppb
Selenium	78-2	3.72	3.84	5.24	4.26	19.82	ppb
Silicon	28-1	587.67	597.55	596.56	593.93	0.92	ppb
Silver	107-1	1.56	1.58	1.59	1.58	1.07	ppb
Silver	109-1	1.55	1.59	1.62	1.59	2.25	ppb
Sodium	23-2	137.94	136.60	136.26	136.93	0.65	ppb
Strontium	86-1	83.48	84.84	84.80	84.37	0.91	ppb
Strontium	88-1	87.05	88.97	87.21	87.74	1.22	ppb
Sulfur	34-1	-1075.87	-1039.06	-1040.90	-1051.95		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.61	0.60	0.60	0.60	1.29	ppb
Thallium	205-1	0.60	0.60	0.64	0.61	3.88	ppb
Tin	118-1	2.73	2.78	2.76	2.76	0.81	ppb
Titanium	47-1	960.73	979.50	984.64	974.96	1.29	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07ARE	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:07:26	DataFile Name :	137SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.11	1.12	1.15	1.13	1.94	ppb
Vanadium	51-2	209.86	209.29	207.41	208.85	0.62	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	356.80	352.11	355.57	354.83	0.68	ppb
Zirconium	90-1	16.61	17.00	16.88	16.83	1.17	ppb
Zirconium	91-1	16.71	17.05	16.98	16.91	1.06	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4H7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:10:34	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39135.97	39206.93	39203.42	39182.11	0.10	ppb
Antimony	121-1	1.59	1.62	1.68	1.63	2.68	ppb
Arsenic	75-2	117.09	112.67	115.15	114.97	1.93	ppb
Barium	135-1	474.65	484.91	484.93	481.50	1.23	ppb
Barium	137-1	526.35	527.09	531.69	528.38	0.55	ppb
Beryllium	9-1	1.53	1.53	1.54	1.53	0.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.80	2.59	2.96	2.78	6.78	ppb
Cadmium	106-1	2.03	1.37	1.24	1.55	27.20	ppb
Cadmium	111-1	1.96	2.02	1.85	1.94	4.28	ppb
Calcium	43-1	7865.17	7906.83	7955.55	7909.18	0.57	ppb
Calcium	44-1	7445.93	7575.83	7641.91	7554.56	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.89	96.74	96.78	96.47	0.52	ppb
Cobalt	59-2	56.32	57.32	57.45	57.03	1.08	ppb
Copper	63-2	278.01	281.27	279.68	279.65	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				106		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	102548.80	103384.21	102937.00	102956.67	0.41	ppb
Iron	57-2	101017.35	102379.99	102425.75	101941.03	0.79	ppb
Iron	54-2	102337.35	102446.16	103081.14	102621.55	0.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4H7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:10:34	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	71.55	73.49	74.89	73.31	2.29	ppb
Lead	207-1	71.39	71.17	73.19	71.92	1.54	ppb
Lead	208-1	70.81	71.63	73.42	71.95	1.86	ppb
Lithium	6-1				87		%
Magnesium	24-2	20721.61	20893.73	20850.38	20821.91	0.43	ppb
Manganese	55-2	2762.93	2785.68	2753.63	2767.41	0.60	ppb
Molybdenum	94-1	20.03	20.00	20.23	20.09	0.62	ppb
Molybdenum	95-1	1.02	1.09	1.12	1.08	4.67	ppb
Molybdenum	96-1	3.75	3.84	3.90	3.83	1.97	ppb
Molybdenum	97-1	1.04	1.03	1.01	1.03	1.32	ppb
Molybdenum	98-1	0.99	1.00	1.00	1.00	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.02	105.02	105.29	105.11	0.15	ppb
Phosphorus	31-2	1803.93	1830.16	1836.79	1823.63	0.95	ppb
Potassium	39-2	8085.80	8252.15	8129.01	8155.65	1.06	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	1.32	0.53	1.10	0.99	41.13	ppb
Selenium	77-2	16.82	17.07	19.05	17.65	6.92	ppb
Selenium	78-2	3.64	3.50	3.66	3.60	2.30	ppb
Silicon	28-1	967.12	972.08	973.85	971.02	0.36	ppb
Silver	107-1	1.37	1.39	1.35	1.37	1.48	ppb
Silver	109-1	1.34	1.38	1.38	1.37	1.70	ppb
Sodium	23-2	136.94	139.16	137.30	137.80	0.87	ppb
Strontium	86-1	63.67	64.41	66.04	64.71	1.87	ppb
Strontium	88-1	67.13	67.73	67.44	67.44	0.45	ppb
Sulfur	34-1	-1139.15	-1182.95	-1199.44	-1173.85		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	4.02	4.21	4.19	4.14	2.43	ppb
Thallium	205-1	4.10	4.19	4.26	4.18	1.89	ppb
Tin	118-1	2.33	2.38	2.44	2.38	2.14	ppb
Titanium	47-1	823.41	827.63	837.03	829.36	0.84	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4H7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:10:34	DataFile Name :	138SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.09	1.10	1.08	2.61	ppb
Vanadium	51-2	191.69	192.71	191.18	191.86	0.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	274.55	277.15	275.43	275.71	0.48	ppb
Zirconium	90-1	11.28	11.41	11.45	11.38	0.77	ppb
Zirconium	91-1	11.23	11.55	11.56	11.45	1.65	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4M3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:13:41	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39823.88	40407.55	39844.99	40025.47	0.83	ppb
Antimony	121-1	1.83	1.90	1.89	1.87	2.22	ppb
Arsenic	75-2	93.74	94.95	92.00	93.56	1.58	ppb
Barium	135-1	403.41	410.23	416.30	409.98	1.57	ppb
Barium	137-1	448.36	451.67	460.49	453.51	1.38	ppb
Beryllium	9-1	1.55	1.65	1.57	1.59	3.38	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.60	2.13	2.28	2.34	10.15	ppb
Cadmium	106-1	3.01	2.46	1.60	2.36	30.33	ppb
Cadmium	111-1	1.28	1.27	1.22	1.26	2.53	ppb
Calcium	43-1	9722.13	9815.92	9845.53	9794.53	0.66	ppb
Calcium	44-1	9240.58	9301.30	9464.82	9335.57	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.62	96.36	96.46	96.48	0.13	ppb
Cobalt	59-2	44.83	45.22	44.84	44.97	0.50	ppb
Copper	63-2	196.76	197.50	198.29	197.52	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				106		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	90595.88	91938.09	91841.67	91458.55	0.82	ppb
Iron	57-2	90511.64	91386.52	90434.70	90777.62	0.58	ppb
Iron	54-2	89957.10	91440.36	90641.54	90679.66	0.82	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4M3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:13:41	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.08	49.43	50.60	49.71	1.60	ppb
Lead	207-1	47.76	48.21	49.00	48.32	1.30	ppb
Lead	208-1	47.94	48.79	49.57	48.77	1.67	ppb
Lithium	6-1				86		%
Magnesium	24-2	17690.22	17641.63	17616.10	17649.32	0.21	ppb
Manganese	55-2	2184.41	2218.99	2207.56	2203.65	0.80	ppb
Molybdenum	94-1	30.09	30.02	30.08	30.06	0.12	ppb
Molybdenum	95-1	1.08	1.08	1.13	1.10	2.43	ppb
Molybdenum	96-1	4.72	4.70	4.96	4.80	2.96	ppb
Molybdenum	97-1	1.04	1.11	1.05	1.07	3.38	ppb
Molybdenum	98-1	1.04	1.01	1.01	1.02	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.80	93.81	93.44	93.69	0.23	ppb
Phosphorus	31-2	2003.72	2068.24	2043.05	2038.33	1.60	ppb
Potassium	39-2	9746.81	9749.87	9740.38	9745.69	0.05	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.82	0.76	0.28	0.62	47.64	ppb
Selenium	77-2	15.25	17.94	14.76	15.98	10.72	ppb
Selenium	78-2	2.37	3.91	3.03	3.10	24.78	ppb
Silicon	28-1	802.54	807.11	823.56	811.07	1.36	ppb
Silver	107-1	1.22	1.23	1.28	1.25	2.42	ppb
Silver	109-1	1.25	1.23	1.26	1.25	1.37	ppb
Sodium	23-2	182.74	186.29	187.25	185.43	1.28	ppb
Strontium	86-1	77.88	78.11	78.77	78.26	0.59	ppb
Strontium	88-1	80.26	80.00	82.12	80.80	1.43	ppb
Sulfur	34-1	-1066.05	-1149.18	-1116.34	-1110.52		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.37	0.41	0.39	0.39	4.51	ppb
Thallium	205-1	0.38	0.39	0.40	0.39	3.20	ppb
Tin	118-1	2.75	2.82	2.94	2.84	3.32	ppb
Titanium	47-1	1050.53	1078.91	1093.20	1074.21	2.02	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4M3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:13:41	DataFile Name :	139SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.20	1.22	1.20	1.38	ppb
Vanadium	51-2	162.20	164.15	163.53	163.29	0.61	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	258.57	260.81	258.44	259.27	0.51	ppb
Zirconium	90-1	17.13	17.27	17.35	17.25	0.67	ppb
Zirconium	91-1	16.95	17.05	17.70	17.24	2.37	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07A	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:16:50	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32341.56	32269.63	32279.01	32296.73	0.12	ppb
Antimony	121-1	4.96	5.08	5.22	5.09	2.58	ppb
Arsenic	75-2	187.35	188.77	191.11	189.08	1.00	ppb
Barium	135-1	444.80	450.44	458.87	451.37	1.57	ppb
Barium	137-1	496.33	493.57	502.44	497.45	0.91	ppb
Beryllium	9-1	1.47	1.22	1.49	1.39	10.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.04	4.53	4.26	4.27	5.69	ppb
Cadmium	106-1	4.39	3.07	2.94	3.47	23.11	ppb
Cadmium	111-1	3.12	3.02	3.21	3.12	3.14	ppb
Calcium	43-1	7533.61	7596.73	7689.62	7606.65	1.03	ppb
Calcium	44-1	7200.63	7201.55	7253.79	7218.66	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.21	88.60	89.34	89.05	0.45	ppb
Cobalt	59-2	51.82	51.67	51.57	51.69	0.24	ppb
Copper	63-2	362.88	361.55	362.18	362.20	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				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	107899.69	107141.81	107088.87	107376.79	0.42	ppb
Iron	57-2	106876.86	106943.77	106017.32	106612.65	0.48	ppb
Iron	54-2	106731.54	106464.38	106499.18	106565.03	0.14	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07A	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:16:50	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	404.95	402.93	390.15	399.34	2.01	ppb
Lead	207-1	398.01	402.45	391.65	397.37	1.37	ppb
Lead	208-1	396.92	401.53	393.40	397.28	1.03	ppb
Lithium	6-1				84		%
Magnesium	24-2	18763.55	18658.75	18668.07	18696.79	0.31	ppb
Manganese	55-2	2398.34	2402.27	2372.92	2391.18	0.67	ppb
Molybdenum	94-1	28.63	29.27	29.29	29.06	1.29	ppb
Molybdenum	95-1	1.70	1.68	1.72	1.70	0.99	ppb
Molybdenum	96-1	5.37	5.43	5.41	5.41	0.59	ppb
Molybdenum	97-1	1.70	1.70	1.74	1.71	1.21	ppb
Molybdenum	98-1	1.65	1.66	1.69	1.67	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.28	112.84	112.62	112.58	0.25	ppb
Phosphorus	31-2	2070.36	2081.65	2034.87	2062.29	1.18	ppb
Potassium	39-2	6611.32	6652.11	6667.19	6643.54	0.44	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.93	1.07	1.18	1.06	12.25	ppb
Selenium	77-2	18.53	18.18	13.83	16.85	15.52	ppb
Selenium	78-2	3.18	2.79	3.02	3.00	6.68	ppb
Silicon	28-1	570.68	569.11	587.28	575.69	1.75	ppb
Silver	107-1	1.50	1.56	1.53	1.53	2.07	ppb
Silver	109-1	1.52	1.52	1.53	1.52	0.65	ppb
Sodium	23-2	134.09	132.91	132.95	133.32	0.50	ppb
Strontium	86-1	81.25	83.22	82.90	82.46	1.28	ppb
Strontium	88-1	84.45	86.31	85.80	85.52	1.12	ppb
Sulfur	34-1	-1106.16	-1156.83	-1161.20	-1141.40		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.57	0.57	0.56	0.57	1.59	ppb
Thallium	205-1	0.57	0.58	0.58	0.58	1.15	ppb
Tin	118-1	2.64	2.67	2.71	2.67	1.34	ppb
Titanium	47-1	937.35	937.73	952.52	942.53	0.92	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07A	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:16:50	DataFile Name :	140SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.10	1.11	1.10	0.35	ppb
Vanadium	51-2	203.91	203.88	204.86	204.21	0.27	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	348.09	349.98	349.69	349.25	0.29	ppb
Zirconium	90-1	15.96	16.55	16.61	16.37	2.22	ppb
Zirconium	91-1	16.12	16.44	16.65	16.40	1.61	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:19:53	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48836.89	48584.81	48465.51	48629.07	0.39	ppb
Antimony	121-1	2.79	2.76	2.74	2.77	1.04	ppb
Arsenic	75-2	557.93	560.36	544.65	554.31	1.53	ppb
Barium	135-1	678.11	674.52	683.86	678.83	0.69	ppb
Barium	137-1	668.79	685.72	681.18	678.56	1.29	ppb
Beryllium	9-1	1.80	1.85	1.93	1.86	3.38	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.11	4.88	4.69	4.56	8.91	ppb
Cadmium	106-1	4.76	4.45	4.85	4.69	4.49	ppb
Cadmium	111-1	2.29	2.19	2.30	2.26	2.82	ppb
Calcium	43-1	12194.63	12354.63	12381.82	12310.36	0.82	ppb
Calcium	44-1	11401.79	11831.59	11760.54	11664.64	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.42	120.78	121.41	121.21	0.30	ppb
Cobalt	59-2	60.69	60.13	60.69	60.50	0.54	ppb
Copper	63-2	390.39	386.36	387.54	388.10	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				102		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	125260.86	124712.38	125421.03	125131.42	0.30	ppb
Iron	57-2	124325.02	122877.74	123870.69	123691.15	0.60	ppb
Iron	54-2	124754.80	124603.90	124928.41	124762.37	0.13	ppb
Krypton	83-1						cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:19:53	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	293.06	302.26	300.15	298.49	1.61	ppb
Lead	207-1	291.48	304.09	302.11	299.23	2.27	ppb
Lead	208-1	290.95	301.81	300.11	297.62	1.96	ppb
Lithium	6-1				83		%
Magnesium	24-2	24946.85	24944.21	24896.66	24929.24	0.11	ppb
Manganese	55-2	2663.24	2648.81	2643.29	2651.78	0.39	ppb
Molybdenum	94-1	50.15	50.07	50.71	50.31	0.70	ppb
Molybdenum	95-1	1.32	1.34	1.33	1.33	1.03	ppb
Molybdenum	96-1	7.30	7.42	7.46	7.39	1.09	ppb
Molybdenum	97-1	1.27	1.27	1.39	1.31	5.20	ppb
Molybdenum	98-1	1.24	1.28	1.30	1.27	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	151.27	150.93	150.73	150.98	0.18	ppb
Phosphorus	31-2	2726.70	2753.58	2677.40	2719.23	1.42	ppb
Potassium	39-2	7698.73	7654.60	7756.13	7703.15	0.66	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	1.11	1.13	1.23	1.15	5.55	ppb
Selenium	77-2	25.63	22.93	24.73	24.43	5.64	ppb
Selenium	78-2	5.64	4.53	6.49	5.55	17.70	ppb
Silicon	28-1	945.01	975.88	970.86	963.92	1.72	ppb
Silver	107-1	1.48	1.48	1.46	1.47	0.79	ppb
Silver	109-1	1.51	1.51	1.47	1.50	1.59	ppb
Sodium	23-2	149.34	149.28	148.58	149.06	0.28	ppb
Strontium	86-1	140.08	142.00	143.13	141.74	1.09	ppb
Strontium	88-1	145.07	146.61	145.99	145.89	0.53	ppb
Sulfur	34-1	-1181.09	-1123.61	-1125.80	-1143.50		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.53	0.52	0.52	0.52	0.48	ppb
Thallium	205-1	0.49	0.50	0.52	0.50	2.63	ppb
Tin	118-1	2.44	2.59	2.48	2.50	3.23	ppb
Titanium	47-1	1236.08	1278.55	1249.02	1254.55	1.74	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:19:53	DataFile Name :	141SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.46	1.52	1.50	1.49	1.96	ppb
Vanadium	51-2	229.67	229.84	230.41	229.97	0.17	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	371.10	370.81	371.19	371.03	0.05	ppb
Zirconium	90-1	28.86	29.27	29.27	29.13	0.81	ppb
Zirconium	91-1	28.99	29.46	29.55	29.33	1.01	ppb

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01A	Instrumnet Name :	P7
Client Sample ID :	MYE5G1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:22:57	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52374.62	52575.46	52441.95	52464.01	0.19	ppb
Antimony	121-1	2.06	2.12	2.08	2.09	1.44	ppb
Arsenic	75-2	282.62	277.84	279.46	279.97	0.87	ppb
Barium	135-1	521.86	526.86	525.58	524.76	0.49	ppb
Barium	137-1	588.58	574.56	577.20	580.11	1.28	ppb
Beryllium	9-1	2.38	2.49	2.53	2.47	3.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.44	6.30	5.98	5.91	7.35	ppb
Cadmium	106-1	6.34	5.70	5.45	5.83	7.88	ppb
Cadmium	111-1	4.84	4.84	4.85	4.84	0.12	ppb
Calcium	43-1	12400.14	12726.65	12637.28	12588.02	1.34	ppb
Calcium	44-1	11686.64	12034.36	12020.10	11913.70	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.47	106.37	106.37	106.40	0.06	ppb
Cobalt	59-2	51.86	52.42	51.82	52.03	0.64	ppb
Copper	63-2	529.03	540.12	537.10	535.42	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	121589.17	121865.41	122090.05	121848.21	0.21	ppb
Iron	57-2	121480.78	121724.59	121621.40	121608.92	0.10	ppb
Iron	54-2	121448.58	122278.56	121435.76	121720.97	0.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01A	Instrumnet Name :	P7
Client Sample ID :	MYE5G1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:22:57	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	138.66	141.30	141.41	140.46	1.11	ppb
Lead	207-1	138.05	140.13	140.04	139.41	0.85	ppb
Lead	208-1	150.77	151.54	151.56	151.29	0.30	ppb
Lithium	6-1				83		%
Magnesium	24-2	18252.54	18432.81	18387.16	18357.50	0.51	ppb
Manganese	55-2	5003.02	4989.99	5033.54	5008.85	0.45	ppb
Molybdenum	94-1	34.99	35.21	35.66	35.29	0.97	ppb
Molybdenum	95-1	1.39	1.39	1.39	1.39	0.16	ppb
Molybdenum	96-1	5.77	5.73	5.90	5.80	1.58	ppb
Molybdenum	97-1	1.36	1.30	1.37	1.34	2.56	ppb
Molybdenum	98-1	1.25	1.25	1.30	1.26	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.31	112.12	111.16	111.53	0.46	ppb
Phosphorus	31-2	1408.41	1476.37	1464.22	1449.67	2.50	ppb
Potassium	39-2	7056.39	7061.63	7063.96	7060.66	0.05	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	1.69	1.07	1.17	1.31	25.45	ppb
Selenium	77-2	19.48	16.34	19.02	18.28	9.27	ppb
Selenium	78-2	6.09	5.24	4.39	5.24	16.20	ppb
Silicon	28-1	905.85	937.93	929.49	924.42	1.80	ppb
Silver	107-1	2.06	2.07	2.09	2.07	0.86	ppb
Silver	109-1	2.01	2.11	2.09	2.07	2.40	ppb
Sodium	23-2	159.33	162.56	161.59	161.16	1.03	ppb
Strontium	86-1	86.67	87.07	87.34	87.03	0.39	ppb
Strontium	88-1	89.77	89.81	91.70	90.43	1.22	ppb
Sulfur	34-1	-1189.39	-1193.64	-1141.46	-1174.83		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.49	0.51	0.49	0.50	2.49	ppb
Thallium	205-1	0.50	0.49	0.50	0.50	0.70	ppb
Tin	118-1	3.00	3.14	3.07	3.07	2.26	ppb
Titanium	47-1	1061.94	1086.81	1088.71	1079.15	1.38	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01A	Instrumnet Name :	P7
Client Sample ID :	MYE5G1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:22:57	DataFile Name :	142SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.26	1.27	1.26	0.82	ppb
Vanadium	51-2	230.11	230.14	228.97	229.74	0.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	455.54	458.54	458.32	457.47	0.37	ppb
Zirconium	90-1	20.15	20.07	20.41	20.21	0.89	ppb
Zirconium	91-1	20.18	20.28	20.44	20.30	0.65	ppb

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4520-08A	Instrumnet Name :	P7
Client Sample ID :	MYE4M1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:30:58	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20767.12	21160.38	20871.98	20933.16	0.97	ppb
Antimony	121-1	0.38	0.39	0.38	0.38	1.22	ppb
Arsenic	75-2	46.52	46.17	47.31	46.67	1.25	ppb
Barium	135-1	306.12	309.90	316.64	310.88	1.71	ppb
Barium	137-1	310.47	316.43	322.38	316.43	1.88	ppb
Beryllium	9-1	0.80	0.87	0.74	0.80	7.65	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.10	2.01	2.27	2.12	6.22	ppb
Cadmium	106-1	0.44	0.19	0.13	0.25	65.54	ppb
Cadmium	111-1	1.40	1.26	1.36	1.34	5.32	ppb
Calcium	43-1	21300.00	21988.21	22205.55	21831.25	2.17	ppb
Calcium	44-1	20517.08	21015.58	21095.65	20876.10	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.85	47.39	47.04	47.09	0.58	ppb
Cobalt	59-2	29.64	29.86	29.32	29.61	0.91	ppb
Copper	63-2	195.84	196.68	195.89	196.14	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	43814.97	43993.49	43876.75	43895.07	0.21	ppb
Iron	57-2	43664.72	44106.76	43485.14	43752.20	0.73	ppb
Iron	54-2	43606.85	44019.45	43212.29	43612.86	0.93	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4520-08A	Instrumnet Name :	P7
Client Sample ID :	MYE4M1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:30:58	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	332.45	341.31	348.84	340.87	2.41	ppb
Lead	207-1	331.86	339.95	340.07	337.29	1.40	ppb
Lead	208-1	330.38	338.07	344.26	337.57	2.06	ppb
Lithium	6-1				84		%
Magnesium	24-2	12020.55	12090.32	11969.16	12026.68	0.51	ppb
Manganese	55-2	1581.88	1585.77	1566.34	1578.00	0.65	ppb
Molybdenum	94-1	18.30	18.50	18.06	18.29	1.21	ppb
Molybdenum	95-1	0.34	0.32	0.32	0.33	2.77	ppb
Molybdenum	96-1	2.44	2.54	2.52	2.50	2.16	ppb
Molybdenum	97-1	0.32	0.29	0.30	0.30	5.37	ppb
Molybdenum	98-1	0.29	0.30	0.30	0.30	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.90	54.72	54.46	54.69	0.41	ppb
Phosphorus	31-2	1897.99	1910.88	1882.27	1897.05	0.76	ppb
Potassium	39-2	6126.16	6174.52	6120.48	6140.39	0.48	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.87	0.38	0.33	0.53	56.42	ppb
Selenium	77-2	11.62	12.17	9.83	11.21	10.93	ppb
Selenium	78-2	2.24	2.09	2.57	2.30	10.50	ppb
Silicon	28-1	806.63	836.44	826.89	823.32	1.85	ppb
Silver	107-1	0.39	0.40	0.41	0.40	2.66	ppb
Silver	109-1	0.40	0.41	0.42	0.41	2.78	ppb
Sodium	23-2	166.31	168.08	166.93	167.11	0.54	ppb
Strontium	86-1	63.73	65.05	64.87	64.55	1.11	ppb
Strontium	88-1	65.98	67.55	68.34	67.29	1.79	ppb
Sulfur	34-1	-880.04	-827.52	-830.42	-845.99		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.18	0.18	0.19	0.18	3.70	ppb
Thallium	205-1	0.17	0.18	0.19	0.18	6.51	ppb
Tin	118-1	0.36	0.42	0.39	0.39	6.75	ppb
Titanium	47-1	405.41	419.17	423.24	415.94	2.25	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4520-08A	Instrumnet Name :	P7
Client Sample ID :	MYE4M1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:30:58	DataFile Name :	143SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.52	0.52	0.51	4.54	ppb
Vanadium	51-2	77.31	78.20	77.12	77.54	0.75	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	270.05	266.59	269.45	268.70	0.69	ppb
Zirconium	90-1	10.59	10.71	10.80	10.70	0.95	ppb
Zirconium	91-1	10.60	10.73	11.02	10.78	1.99	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:34:02	DataFile Name :	144CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46932.86	47488.10	47518.45	47313.14	0.70	ppb
Antimony	121-1	482.29	485.82	478.61	482.24	0.75	ppb
Arsenic	75-2	508.82	509.33	510.34	509.50	0.15	ppb
Barium	135-1	2347.80	2370.75	2348.93	2355.83	0.55	ppb
Barium	137-1	2358.06	2381.20	2340.84	2360.03	0.86	ppb
Beryllium	9-1	478.59	485.37	485.00	482.99	0.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	476.69	484.49	479.38	480.19	0.83	ppb
Cadmium	106-1	477.58	483.93	475.38	478.97	0.93	ppb
Cadmium	111-1	458.75	466.63	455.56	460.31	1.24	ppb
Calcium	43-1	248269.70	254646.91	250607.97	251174.86	1.28	ppb
Calcium	44-1	247289.72	252534.88	250657.25	250160.62	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.97	506.03	522.31	516.10	1.71	ppb
Cobalt	59-2	545.27	528.70	542.78	538.92	1.66	ppb
Copper	63-2	5272.13	5240.45	5249.33	5253.97	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	128330.56	128335.43	129899.85	128855.28	0.70	ppb
Iron	57-2	128174.96	128614.92	130334.39	129041.42	0.88	ppb
Iron	54-2	130471.81	127960.36	129032.84	129155.00	0.98	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:34:02	DataFile Name :	144CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2419.02	2486.11	2452.86	2452.66	1.37	ppb
Lead	207-1	2408.32	2459.80	2431.62	2433.25	1.06	ppb
Lead	208-1	2412.75	2472.40	2438.32	2441.16	1.23	ppb
Lithium	6-1				85		%
Magnesium	24-2	239704.16	241807.27	240708.36	240739.93	0.44	ppb
Manganese	55-2	5098.58	5103.47	5144.65	5115.57	0.49	ppb
Molybdenum	94-1	4812.07	4810.51	4895.70	4839.43	1.01	ppb
Molybdenum	95-1	4829.72	4811.79	4904.16	4848.55	1.01	ppb
Molybdenum	96-1	4842.24	4808.29	4911.38	4853.97	1.08	ppb
Molybdenum	97-1	4858.41	4816.04	4941.97	4872.14	1.32	ppb
Molybdenum	98-1	4828.52	4790.33	4883.06	4833.97	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.05	521.74	525.74	523.84	0.38	ppb
Phosphorus	31-2	9761.18	9805.98	9793.20	9786.79	0.24	ppb
Potassium	39-2	121740.04	120136.98	121181.29	121019.44	0.67	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	82-1	467.79	466.29	472.55	468.88	0.70	ppb
Selenium	77-2	509.94	509.03	493.59	504.18	1.82	ppb
Selenium	78-2	506.76	498.90	495.85	500.50	1.12	ppb
Silicon	28-1	1538.45	1569.35	1544.12	1550.64	1.06	ppb
Silver	107-1	462.58	468.16	451.51	460.75	1.84	ppb
Silver	109-1	465.95	471.09	461.49	466.18	1.03	ppb
Sodium	23-2	240150.71	240038.92	241962.34	240717.32	0.45	ppb
Strontium	86-1	11873.46	11775.56	12072.10	11907.04	1.27	ppb
Strontium	88-1	11787.21	11830.83	12123.36	11913.80	1.53	ppb
Sulfur	34-1	8639.62	8896.20	8729.19	8755.01	1.49	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	488.87	503.44	488.67	493.66	1.72	ppb
Thallium	205-1	480.73	501.12	486.85	489.57	2.14	ppb
Tin	118-1	459.05	465.58	457.08	460.57	0.97	ppb
Titanium	47-1	4702.42	4799.02	4770.17	4757.20	1.04	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:34:02	DataFile Name :	144CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	498.35	510.94	498.44	502.58	1.44	ppb
Vanadium	51-2	524.89	516.37	521.47	520.91	0.82	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	5197.30	5245.84	5269.26	5237.47	0.70	ppb
Zirconium	90-1	485.30	489.50	497.49	490.76	1.26	ppb
Zirconium	91-1	491.40	487.50	498.17	492.36	1.10	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:38:27	DataFile Name :	145CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.21	7.28	3.32	4.94	42.09	ppb
Antimony	121-1	0.14	0.14	0.14	0.14	2.49	ppb
Arsenic	75-2	0.02	0.07	0.03	0.04	59.75	ppb
Barium	135-1	0.07	0.06	0.06	0.06	9.05	ppb
Barium	137-1	0.09	0.07	0.08	0.08	8.68	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	8.39	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.03	-0.01	-0.01		ppb
Cadmium	106-1	-2.26	-2.50	-1.52	-2.09		ppb
Cadmium	111-1	-0.12	-0.15	-0.09	-0.12		ppb
Calcium	43-1	6.88	7.90	5.47	6.75	18.03	ppb
Calcium	44-1	5.40	4.60	5.60	5.20	10.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.04	0.04	0.05	19.23	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	40.99	ppb
Copper	63-2	0.10	0.12	0.12	0.11	7.75	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				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	9.63	11.95	7.70	9.76	21.84	ppb
Iron	57-2	6.93	9.20	5.87	7.33	23.23	ppb
Iron	54-2	10.37	11.68	9.35	10.47	11.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:38:27	DataFile Name :	145CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.09	0.07	0.08	15.81	ppb
Lead	207-1	0.09	0.08	0.08	0.08	7.11	ppb
Lead	208-1	0.09	0.08	0.08	0.08	9.34	ppb
Lithium	6-1				90		%
Magnesium	24-2	6.40	18.16	6.03	10.19	67.67	ppb
Manganese	55-2	0.31	0.60	0.28	0.40	44.79	ppb
Molybdenum	94-1	0.26	0.23	0.26	0.25	6.26	ppb
Molybdenum	95-1	0.16	0.13	0.16	0.15	10.28	ppb
Molybdenum	96-1	0.18	0.18	0.16	0.17	5.86	ppb
Molybdenum	97-1	0.15	0.14	0.16	0.15	5.44	ppb
Molybdenum	98-1	0.15	0.15	0.14	0.15	4.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.02	0.00	0.00		ppb
Phosphorus	31-2	-16.80	-17.83	-16.87	-17.17		ppb
Potassium	39-2	0.01	1.33	-1.62	-0.10		ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	-0.34	-0.26	-0.15	-0.25		ppb
Selenium	77-2	0.00	0.00	0.27	0.09	173.21	ppb
Selenium	78-2	0.25	0.14	0.75	0.38	86.09	ppb
Silicon	28-1	0.02	-0.13	0.01	-0.03		ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.15	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.88	ppb
Sodium	23-2	11.02	22.43	10.96	14.80	44.61	ppb
Strontium	86-1	0.27	0.21	0.18	0.22	20.34	ppb
Strontium	88-1	0.29	0.23	0.23	0.25	13.86	ppb
Sulfur	34-1	-511.33	-555.40	-496.75	-521.16		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.12	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.87	ppb
Tin	118-1	0.06	0.06	0.07	0.06	8.52	ppb
Titanium	47-1	0.16	0.18	0.21	0.18	11.21	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:38:27	DataFile Name :	145CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.01	19.48	ppb
Vanadium	51-2	0.03	0.04	0.02	0.03	34.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	0.04	-0.04	-0.02		ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	8.41	ppb
Zirconium	91-1	0.07	0.05	0.06	0.06	12.69	ppb

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:49:26	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177	127	207	170	23.77	cps
Antimony	121-1	30	33	27	30	11.10	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	180	153	193	176	11.60	cps
Barium	137-1	280	243	280	268	7.91	cps
Beryllium	9-1	17	22	6	15	57.25	cps
Bismuth	209-1	6263600	6093275	6198251	6185042	1.39	cps
Bismuth	209-2	4234139	4168248	4152993	4185127	1.03	cps
Bromine	81-1	8426	7752	7909	8029	4.39	cps
Bromine	81-2	63	23	37	41	49.54	cps
Cadmium	108-1	13	20	0	11	91.66	cps
Cadmium	106-1	2720	2470	2610	2600	4.82	cps
Cadmium	111-1	1905	1722	1827	1818	5.05	cps
Calcium	43-1	190	240	213	214	11.67	cps
Calcium	44-1	7752	7906	8006	7888	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	543	443	510	499	10.21	cps
Cobalt	59-2	153	137	163	151	8.92	cps
Copper	63-2	773	713	900	796	11.98	cps
Dysprosium	156-1	1187	1103	1100	1130	4.35	cps
Dysprosium	156-2	237	237	247	240	2.41	cps
Erbium	164-1	87	67	57	70	21.82	cps
Erbium	164-2	53	47	33	44	22.92	cps
Gadolinium	160-1	57	23	27	36	51.64	cps
Gadolinium	160-2	233	210	213	219	5.77	cps
Holmium	165-1	9530661	9363707	9331052	9408474	1.14	cps
Holmium	165-2	5739145	5684796	5704221	5709388	0.48	cps
Indium	115-1	7310094	7119651	7308508	7246084	1.51	cps
Indium	115-2	2280434	2261263	2271863	2271187	0.42	cps
Iron	56-2	18715	19035	18592	18781	1.22	cps
Iron	57-2	1273	1330	1223	1276	4.18	cps
Iron	54-2	1687	1903	1813	1801	6.04	cps
Krypton	83-1	160	167	200	176	12.21	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:49:26	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	493	450	490	478	5.05	cps
Lead	207-1	413	450	360	408	11.10	cps
Lead	208-1	1853	1750	1937	1847	5.06	cps
Lithium	6-1	1235779	1204903	1228425	1223035	1.32	cps
Magnesium	24-2	310	347	400	352	12.85	cps
Manganese	55-2	580	453	563	532	12.93	cps
Molybdenum	94-1	143	157	153	151	4.59	cps
Molybdenum	95-1	27	27	27	27	0.00	cps
Molybdenum	96-1	87	120	113	107	16.53	cps
Molybdenum	97-1	27	13	20	20	33.35	cps
Molybdenum	98-1	33	37	50	40	22.05	cps
Neodymium	150-1	10	7	13	10	33.30	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	90	117	110	106	13.15	cps
Phosphorus	31-2	130	160	133	141	11.65	cps
Potassium	39-2	38452	37897	38392	38247	0.80	cps
Rhodium	103-1	6692137	6445068	6609956	6582387	1.91	cps
Rhodium	103-2	3729541	3718505	3709838	3719294	0.27	cps
Scandium	45-1	3848777	3720619	3798607	3789334	1.70	cps
Scandium	45-2	340641	342169	342639	341816	0.31	cps
Selenium	82-1	339	381	274	331	16.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	220	203	160	194	15.93	cps
Silicon	28-1	166138	169248	167004	167463	0.96	cps
Silver	107-1	23	57	43	41	40.82	cps
Silver	109-1	23	33	30	29	17.63	cps
Sodium	23-2	15204	15184	15391	15260	0.75	cps
Strontium	86-1	237	320	337	298	17.99	cps
Strontium	88-1	253	207	227	229	10.23	cps
Sulfur	34-1	167662	170281	170355	169433	0.91	cps
Terbium	159-1	9735086	9475475	9631005	9613855	1.36	cps
Terbium	159-2	5766285	5743190	5735904	5748460	0.28	cps
Thallium	203-1	90	77	93	87	10.17	cps
Thallium	205-1	253	203	207	221	12.64	cps
Tin	118-1	1443	1460	1407	1437	1.90	cps
Titanium	47-1	87	73	83	81	8.56	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:49:26	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	133	120	143	132	8.86	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Yttrium	89-1	11575365	11245934	11432104	11417801	1.45	cps
Yttrium	89-2	2776850	2804759	2768585	2783398	0.68	cps
Zinc	66-2	473	507	457	479	5.32	cps
Zirconium	90-1	403	377	347	376	7.55	cps
Zirconium	91-1	127	93	87	102	20.97	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:55:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3964	4021	3894	3959	1.60	cps
Antimony	121-1	16833	17160	17307	17100	1.42	cps
Arsenic	75-2	497	470	517	494	4.74	cps
Barium	135-1	21877	21863	22224	21988	0.93	cps
Barium	137-1	38164	37900	38562	38209	0.87	cps
Beryllium	9-1	1567	1556	1595	1572	1.27	cps
Bismuth	209-1	6350428	6365080	6426163	6380557	0.63	cps
Bismuth	209-2	4243046	4306315	4275118	4274826	0.74	cps
Bromine	81-1	8199	8222	8266	8229	0.41	cps
Bromine	81-2	47	60	50	52	13.28	cps
Cadmium	108-1	167	170	237	191	20.66	cps
Cadmium	106-1	2987	2874	2804	2888	3.20	cps
Cadmium	111-1	4218	4233	3974	4141	3.51	cps
Calcium	43-1	11761	12308	11995	12021	2.28	cps
Calcium	44-1	199067	202036	202850	201318	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7499	7502	7295	7432	1.59	cps
Cobalt	59-2	5734	5678	5484	5632	2.33	cps
Copper	63-2	7709	7799	8032	7847	2.13	cps
Dysprosium	156-1	1060	1047	883	997	9.87	cps
Dysprosium	156-2	207	260	253	240	12.11	cps
Erbium	164-1	50	63	80	64	23.32	cps
Erbium	164-2	40	33	47	40	16.68	cps
Gadolinium	160-1	47	37	30	38	22.21	cps
Gadolinium	160-2	227	230	257	238	6.92	cps
Holmium	165-1	9763706	9737647	9784199	9761851	0.24	cps
Holmium	165-2	5879067	5909778	5884348	5891064	0.28	cps
Indium	115-1	7376937	7403993	7341610	7374180	0.42	cps
Indium	115-2	2309218	2317144	2278409	2301590	0.89	cps
Iron	56-2	197857	195453	197235	196849	0.63	cps
Iron	57-2	5614	5888	5878	5793	2.68	cps
Iron	54-2	11678	11828	11558	11688	1.16	cps
Krypton	83-1	197	190	163	183	9.62	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:55:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6852	7149	7102	7034	2.27	cps
Lead	207-1	5871	6095	6115	6027	2.24	cps
Lead	208-1	27014	28419	27638	27690	2.54	cps
Lithium	6-1	1251930	1280637	1226342	1252970	2.17	cps
Magnesium	24-2	177053	177026	176341	176806	0.23	cps
Manganese	55-2	3104	3197	3110	3137	1.66	cps
Molybdenum	94-1	17761	17487	17801	17683	0.97	cps
Molybdenum	95-1	21102	21609	21643	21451	1.41	cps
Molybdenum	96-1	24003	23763	24374	24046	1.28	cps
Molybdenum	97-1	13179	13713	13453	13449	1.98	cps
Molybdenum	98-1	33722	35082	34788	34531	2.07	cps
Neodymium	150-1	30	7	17	18	65.83	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1520	1443	1447	1470	2.95	cps
Phosphorus	31-2	460	387	483	443	11.38	cps
Potassium	39-2	245858	241960	244702	244173	0.82	cps
Rhodium	103-1	6701909	6824935	6706313	6744386	1.03	cps
Rhodium	103-2	3796580	3811914	3836004	3814833	0.52	cps
Scandium	45-1	3837622	3833432	3793548	3821534	0.64	cps
Scandium	45-2	349548	348278	351743	349856	0.50	cps
Selenium	82-1	981	999	982	987	1.01	cps
Selenium	77-2	70	47	60	59	19.88	cps
Selenium	78-2	460	370	400	410	11.18	cps
Silicon	28-1	189096	189892	189947	189645	0.25	cps
Silver	107-1	10247	10671	10447	10455	2.03	cps
Silver	109-1	9660	10307	9790	9919	3.45	cps
Sodium	23-2	296088	295797	293869	295251	0.41	cps
Strontium	86-1	2917	2927	3047	2964	2.44	cps
Strontium	88-1	24337	24097	25101	24512	2.14	cps
Sulfur	34-1	171420	172569	171544	171844	0.37	cps
Terbium	159-1	10091342	10105669	9955152	10050721	0.83	cps
Terbium	159-2	5883210	5864996	5728938	5825714	1.45	cps
Thallium	203-1	8096	7889	8112	8032	1.55	cps
Thallium	205-1	19628	19254	19831	19571	1.50	cps
Tin	118-1	36486	36854	36376	36572	0.68	cps
Titanium	47-1	5278	5598	5458	5444	2.95	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:55:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26199	25558	25748	25835	1.27	cps
Vanadium	51-2	15068	15575	15418	15353	1.69	cps
Yttrium	89-1	11558313	11561899	11584201	11568138	0.12	cps
Yttrium	89-2	2783306	2857952	2839026	2826761	1.37	cps
Zinc	66-2	3544	3764	3440	3583	4.61	cps
Zirconium	90-1	14174	14664	15435	14758	4.31	cps
Zirconium	91-1	3350	3304	3370	3342	1.02	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:59:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213295	211359	211314	211989	0.53	cps
Antimony	121-1	447749	455360	454711	452607	0.93	cps
Arsenic	75-2	22257	22337	22120	22238	0.49	cps
Barium	135-1	591323	601875	606749	599983	1.31	cps
Barium	137-1	1031971	1049384	1046259	1042538	0.89	cps
Beryllium	9-1	73746	74299	75125	74390	0.93	cps
Bismuth	209-1	6526539	6522044	6521440	6523341	0.04	cps
Bismuth	209-2	4394391	4345192	4369771	4369785	0.56	cps
Bromine	81-1	8462	8369	8763	8531	2.41	cps
Bromine	81-2	53	40	47	47	14.28	cps
Cadmium	108-1	8296	8803	8749	8616	3.23	cps
Cadmium	106-1	15175	14894	14778	14949	1.37	cps
Cadmium	111-1	119370	120170	120734	120091	0.57	cps
Calcium	43-1	141667	142134	144779	142860	1.17	cps
Calcium	44-1	2051649	2069304	2065049	2062001	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	185290	186184	185030	185501	0.33	cps
Cobalt	59-2	276890	274909	274509	275436	0.46	cps
Copper	63-2	2047013	2037712	2062581	2049102	0.61	cps
Dysprosium	156-1	950	1013	1087	1017	6.73	cps
Dysprosium	156-2	257	247	283	262	7.23	cps
Erbium	164-1	100	57	80	79	27.49	cps
Erbium	164-2	40	30	47	39	21.57	cps
Gadolinium	160-1	47	50	27	41	30.69	cps
Gadolinium	160-2	263	303	283	283	7.06	cps
Holmium	165-1	10089569	10260297	10068772	10139546	1.04	cps
Holmium	165-2	6086739	5965575	5963116	6005143	1.18	cps
Indium	115-1	7472576	7510180	7525768	7502841	0.36	cps
Indium	115-2	2386750	2374762	2357018	2372843	0.63	cps
Iron	56-2	8164144	8149193	8090510	8134615	0.48	cps
Iron	57-2	210341	210537	211070	210649	0.18	cps
Iron	54-2	471561	468254	470495	470103	0.36	cps
Krypton	83-1	140	173	240	184	27.61	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:59:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2019819	2000212	2044184	2021405	1.09	cps
Lead	207-1	1528422	1549568	1547609	1541866	0.76	cps
Lead	208-1	7819645	7936302	7883312	7879753	0.74	cps
Lithium	6-1	1271748	1281265	1288223	1280412	0.65	cps
Magnesium	24-2	1718015	1698912	1682269	1699732	1.05	cps
Manganese	55-2	1366540	1381091	1375308	1374313	0.53	cps
Molybdenum	94-1	1751253	1765982	1735213	1750816	0.88	cps
Molybdenum	95-1	2554283	2583670	2576459	2571471	0.60	cps
Molybdenum	96-1	2784952	2808175	2815823	2802984	0.57	cps
Molybdenum	97-1	1598273	1573549	1600508	1590777	0.94	cps
Molybdenum	98-1	4081335	4121598	4137128	4113353	0.70	cps
Neodymium	150-1	67	33	40	47	37.80	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	71844	70230	70819	70964	1.15	cps
Phosphorus	31-2	11324	10974	10520	10940	3.68	cps
Potassium	39-2	1149953	1140758	1138602	1143104	0.53	cps
Rhodium	103-1	6915625	6938433	6910203	6921421	0.22	cps
Rhodium	103-2	3880498	3852233	3892639	3875123	0.54	cps
Scandium	45-1	3917880	3946328	3941900	3935369	0.39	cps
Scandium	45-2	359576	357100	356355	357677	0.47	cps
Selenium	82-1	7500	7488	7536	7508	0.33	cps
Selenium	77-2	663	643	737	681	7.21	cps
Selenium	78-2	2307	2364	2520	2397	4.61	cps
Silicon	28-1	2495790	2509589	2508029	2504469	0.30	cps
Silver	107-1	568670	583690	582169	578176	1.43	cps
Silver	109-1	540212	550195	551725	547377	1.14	cps
Sodium	23-2	2931084	2937970	2887958	2919004	0.93	cps
Strontium	86-1	3728244	3732001	3720544	3726930	0.16	cps
Strontium	88-1	32662688	32995216	32983776	32880560	0.57	cps
Sulfur	34-1	206989	209941	210334	209088	0.87	cps
Terbium	159-1	10376902	10321754	10207572	10302076	0.84	cps
Terbium	159-2	5975067	5976682	5975668	5975805	0.01	cps
Thallium	203-1	432266	436751	434931	434649	0.52	cps
Thallium	205-1	1023216	1049546	1039843	1037535	1.28	cps
Tin	118-1	384452	392676	391288	389472	1.13	cps
Titanium	47-1	615945	622505	627710	622053	0.95	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 14:59:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1355987	1384144	1386848	1375660	1.24	cps
Vanadium	51-2	162316	162743	161938	162332	0.25	cps
Yttrium	89-1	11981383	12081869	11949251	12004168	0.58	cps
Yttrium	89-2	2892822	2883400	2871581	2882601	0.37	cps
Zinc	66-2	323829	322722	322613	323055	0.21	cps
Zirconium	90-1	777918	795830	793224	788991	1.23	cps
Zirconium	91-1	173666	177314	176493	175825	1.09	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:02:17	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	529884	527036	518674	525198	1.11	cps
Antimony	121-1	1140778	1154367	1161557	1152234	0.92	cps
Arsenic	75-2	57176	55684	55312	56057	1.76	cps
Barium	135-1	1642555	1661457	1651846	1651953	0.57	cps
Barium	137-1	2836547	2829306	2837560	2834471	0.16	cps
Beryllium	9-1	183429	188033	187089	186184	1.31	cps
Bismuth	209-1	6538714	6466101	6675948	6560254	1.62	cps
Bismuth	209-2	4359386	4299093	4307397	4321959	0.76	cps
Bromine	81-1	8693	8696	8723	8704	0.19	cps
Bromine	81-2	40	33	47	40	16.68	cps
Cadmium	108-1	21620	22554	22100	22091	2.12	cps
Cadmium	106-1	33201	33321	33111	33211	0.32	cps
Cadmium	111-1	296798	300436	301676	299637	0.85	cps
Calcium	43-1	357343	361010	365456	361270	1.12	cps
Calcium	44-1	5157557	5179575	5176428	5171186	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	462129	459481	458948	460186	0.37	cps
Cobalt	59-2	694123	695249	690626	693333	0.35	cps
Copper	63-2	5115303	5069635	5110407	5098448	0.49	cps
Dysprosium	156-1	1100	1147	1040	1096	4.88	cps
Dysprosium	156-2	280	230	313	274	15.28	cps
Erbium	164-1	87	90	80	86	5.95	cps
Erbium	164-2	37	43	47	42	12.06	cps
Gadolinium	160-1	80	50	40	57	36.74	cps
Gadolinium	160-2	223	253	273	250	10.07	cps
Holmium	165-1	10324749	10139838	10302369	10255652	0.98	cps
Holmium	165-2	6024270	5920948	6030122	5991780	1.02	cps
Indium	115-1	7571739	7515576	7594123	7560479	0.54	cps
Indium	115-2	2347908	2311372	2287426	2315569	1.32	cps
Iron	56-2	20413755	20326689	20484460	20408301	0.39	cps
Iron	57-2	525108	525426	532071	527535	0.75	cps
Iron	54-2	1182474	1183513	1163412	1176466	0.96	cps
Krypton	83-1	177	160	217	184	15.79	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:02:17	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5062115	5130819	5154340	5115758	0.94	cps
Lead	207-1	4452080	4583464	4694176	4576573	2.65	cps
Lead	208-1	20396444	20657069	21015712	20689742	1.50	cps
Lithium	6-1	1262077	1275897	1246461	1261478	1.17	cps
Magnesium	24-2	4282266	4292520	4236408	4270398	0.70	cps
Manganese	55-2	3483888	3412152	3416362	3437467	1.17	cps
Molybdenum	94-1	4411920	4459847	4448535	4440101	0.56	cps
Molybdenum	95-1	6448777	6460397	6517844	6475672	0.57	cps
Molybdenum	96-1	7013734	6978973	7083895	7025534	0.76	cps
Molybdenum	97-1	3990972	3997848	4015672	4001497	0.32	cps
Molybdenum	98-1	10349657	10385894	10420142	10385231	0.34	cps
Neodymium	150-1	80	93	120	98	20.83	cps
Neodymium	150-2	27	13	20	20	33.35	cps
Nickel	60-2	176720	176795	176181	176565	0.19	cps
Phosphorus	31-2	27485	27204	26954	27214	0.98	cps
Potassium	39-2	2657316	2647720	2604867	2636634	1.06	cps
Rhodium	103-1	6803846	6845778	6859954	6836526	0.43	cps
Rhodium	103-2	3827775	3835039	3771964	3811593	0.91	cps
Scandium	45-1	3985582	3948557	4009027	3981055	0.77	cps
Scandium	45-2	357714	354422	354557	355564	0.52	cps
Selenium	82-1	18416	18268	18287	18324	0.44	cps
Selenium	77-2	1700	1663	1770	1711	3.17	cps
Selenium	78-2	5855	5641	5815	5770	1.97	cps
Silicon	28-1	3473146	3521261	3559657	3518022	1.23	cps
Silver	107-1	1439966	1465599	1470223	1458596	1.12	cps
Silver	109-1	1363335	1378301	1381592	1374409	0.71	cps
Sodium	23-2	7259602	7322471	7184413	7255495	0.95	cps
Strontium	86-1	9442262	9470359	9483058	9465226	0.22	cps
Strontium	88-1	81822497	83407792	83075015	82768435	1.01	cps
Sulfur	34-1	261555	262359	263111	262342	0.30	cps
Terbium	159-1	10515946	10507590	10546158	10523231	0.19	cps
Terbium	159-2	6095709	6071956	5863700	6010455	2.12	cps
Thallium	203-1	1097928	1112681	1109635	1106748	0.70	cps
Thallium	205-1	2996817	3104148	3078290	3059751	1.83	cps
Tin	118-1	980672	993079	991836	988529	0.69	cps
Titanium	47-1	1519511	1545473	1517966	1527650	1.01	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:02:17	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4073046	4120969	4159291	4117769	1.05	cps
Vanadium	51-2	407150	407566	409108	407941	0.25	cps
Yttrium	89-1	12114586	12002070	12101333	12072663	0.51	cps
Yttrium	89-2	2842140	2821778	2858507	2840808	0.65	cps
Zinc	66-2	805610	804294	807090	805665	0.17	cps
Zirconium	90-1	2024869	2036678	2025637	2029061	0.33	cps
Zirconium	91-1	440083	443707	448920	444236	1.00	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:05:09	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1042580	1042174	1033100	1039285	0.52	cps
Antimony	121-1	2441144	2422619	2409646	2424470	0.65	cps
Arsenic	75-2	109564	110867	110752	110394	0.65	cps
Barium	135-1	3227747	3329840	3298572	3285386	1.59	cps
Barium	137-1	5654006	5609860	5694135	5652667	0.75	cps
Beryllium	9-1	368800	370973	368284	369353	0.39	cps
Bismuth	209-1	6258481	6763400	6650350	6557410	4.04	cps
Bismuth	209-2	4336929	4294390	4288874	4306731	0.61	cps
Bromine	81-1	8583	8533	8766	8627	1.42	cps
Bromine	81-2	37	40	30	36	14.32	cps
Cadmium	108-1	42973	43699	43712	43462	0.97	cps
Cadmium	106-1	63484	64783	64499	64256	1.06	cps
Cadmium	111-1	584908	595648	588394	589650	0.93	cps
Calcium	43-1	711226	713355	713574	712718	0.18	cps
Calcium	44-1	10257340	10174658	10242995	10224997	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	910658	906892	901832	906460	0.49	cps
Cobalt	59-2	1361701	1351300	1337938	1350313	0.88	cps
Copper	63-2	9961440	9961004	9860712	9927719	0.58	cps
Dysprosium	156-1	1210	1233	1087	1177	6.70	cps
Dysprosium	156-2	320	357	450	376	17.85	cps
Erbium	164-1	93	57	90	80	25.34	cps
Erbium	164-2	27	50	100	59	63.62	cps
Gadolinium	160-1	97	70	80	82	16.39	cps
Gadolinium	160-2	227	263	293	261	12.79	cps
Holmium	165-1	9686368	10659839	10403060	10249756	4.92	cps
Holmium	165-2	6017998	6020324	6070898	6036407	0.50	cps
Indium	115-1	6970080	7689871	7488464	7382805	5.03	cps
Indium	115-2	2287083	2278639	2293514	2286412	0.33	cps
Iron	56-2	39897458	39839680	39750559	39829232	0.19	cps
Iron	57-2	1034114	1032953	1032903	1033323	0.07	cps
Iron	54-2	2232371	2228202	2200545	2220373	0.78	cps
Krypton	83-1	230	170	177	192	17.11	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:05:09	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10180275	10470903	10059892	10237023	2.06	cps
Lead	207-1	9087279	9289414	8919942	9098879	2.03	cps
Lead	208-1	41124822	41655436	40675754	41152004	1.19	cps
Lithium	6-1	1218253	1275232	1278332	1257272	2.69	cps
Magnesium	24-2	8338991	8380151	8282397	8333846	0.59	cps
Manganese	55-2	6728858	6751593	6736565	6739006	0.17	cps
Molybdenum	94-1	8807745	8883064	8836426	8842411	0.43	cps
Molybdenum	95-1	12913009	13058749	12986698	12986152	0.56	cps
Molybdenum	96-1	14023939	14050723	14153233	14075965	0.48	cps
Molybdenum	97-1	7961510	8031081	8086044	8026212	0.78	cps
Molybdenum	98-1	20816225	20931854	20940531	20896203	0.33	cps
Neodymium	150-1	167	150	167	161	5.97	cps
Neodymium	150-2	43	40	63	49	25.81	cps
Nickel	60-2	345270	341245	341428	342648	0.66	cps
Phosphorus	31-2	52777	52958	52175	52637	0.78	cps
Potassium	39-2	5094294	5105591	5113095	5104327	0.19	cps
Rhodium	103-1	6350290	7001701	6879079	6743690	5.13	cps
Rhodium	103-2	3806897	3711890	3722365	3747051	1.39	cps
Scandium	45-1	3699626	4053129	3981924	3911560	4.78	cps
Scandium	45-2	353350	352591	348981	351641	0.66	cps
Selenium	82-1	35885	36440	36145	36157	0.77	cps
Selenium	77-2	3244	3184	3097	3175	2.32	cps
Selenium	78-2	11007	10907	11118	11011	0.95	cps
Silicon	28-1	10461007	10637816	10556264	10551696	0.84	cps
Silver	107-1	2980870	3064833	3031520	3025741	1.40	cps
Silver	109-1	2832208	2876024	2866895	2858375	0.81	cps
Sodium	23-2	14251573	14355126	14167580	14258093	0.66	cps
Strontium	86-1	18616811	18743898	18941760	18767490	0.87	cps
Strontium	88-1	164215914	165291481	165556828	165021408	0.43	cps
Sulfur	34-1	350125	348775	347291	348730	0.41	cps
Terbium	159-1	9816934	10753776	10716691	10429134	5.09	cps
Terbium	159-2	5993581	5977583	5917647	5962937	0.67	cps
Thallium	203-1	2554651	2611110	2577221	2580994	1.10	cps
Thallium	205-1	6124476	6164542	6151864	6146961	0.33	cps
Tin	118-1	2065364	2074758	2102715	2080946	0.93	cps
Titanium	47-1	3019116	3022049	3021765	3020977	0.05	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:05:09	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8232132	8366115	8175697	8257981	1.18	cps
Vanadium	51-2	803282	806036	798895	802738	0.45	cps
Yttrium	89-1	11340209	12477436	12140083	11985910	4.87	cps
Yttrium	89-2	2890328	2842156	2850600	2861028	0.90	cps
Zinc	66-2	1625498	1625690	1619470	1623553	0.22	cps
Zirconium	90-1	4005841	4015773	3992920	4004845	0.29	cps
Zirconium	91-1	886088	889550	891352	888996	0.30	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:07:58	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2027461	1982400	2002609	2004157	1.13	cps
Antimony	121-1	4712024	4789697	4793267	4764996	0.96	cps
Arsenic	75-2	214449	210808	210491	211916	1.04	cps
Barium	135-1	6497742	6538369	6466825	6500979	0.55	cps
Barium	137-1	11045400	11223036	11137544	11135327	0.80	cps
Beryllium	9-1	708697	709423	713788	710636	0.39	cps
Bismuth	209-1	6646250	6604542	6584792	6611861	0.47	cps
Bismuth	209-2	4282235	4252682	4282444	4272454	0.40	cps
Bromine	81-1	8459	8569	8836	8621	2.25	cps
Bromine	81-2	57	37	33	42	29.89	cps
Cadmium	108-1	84749	84256	84830	84611	0.37	cps
Cadmium	106-1	120262	123439	121657	121786	1.31	cps
Cadmium	111-1	1122869	1146660	1147938	1139156	1.24	cps
Calcium	43-1	1308795	1330224	1320140	1319719	0.81	cps
Calcium	44-1	19732581	19951816	19765946	19816781	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1742271	1725300	1703753	1723775	1.12	cps
Cobalt	59-2	2653793	2714039	2614200	2660677	1.89	cps
Copper	63-2	18927325	18995923	19197623	19040291	0.74	cps
Dysprosium	156-1	1347	1197	1413	1319	8.41	cps
Dysprosium	156-2	497	493	517	502	2.51	cps
Erbium	164-1	147	220	210	192	20.69	cps
Erbium	164-2	90	100	93	94	5.39	cps
Gadolinium	160-1	120	143	120	128	10.55	cps
Gadolinium	160-2	300	293	243	279	11.11	cps
Holmium	165-1	10360683	10493476	10464481	10439547	0.67	cps
Holmium	165-2	6195151	5974745	6136589	6102162	1.87	cps
Indium	115-1	7352917	7366900	7437928	7385915	0.62	cps
Indium	115-2	2293629	2263041	2254570	2270414	0.90	cps
Iron	56-2	78826280	77993812	76930357	77916817	1.22	cps
Iron	57-2	1942342	1939996	1930505	1937614	0.32	cps
Iron	54-2	4376415	4229031	4282459	4295969	1.74	cps
Krypton	83-1	213	127	213	184	27.13	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:07:58	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20149780	20361678	20353761	20288406	0.59	cps
Lead	207-1	17821037	18340217	17949504	18036919	1.50	cps
Lead	208-1	80934036	82767363	81297799	81666399	1.19	cps
Lithium	6-1	1282121	1244879	1273905	1266968	1.54	cps
Magnesium	24-2	16280837	16173363	16165490	16206563	0.40	cps
Manganese	55-2	13315266	13045703	12894631	13085200	1.63	cps
Molybdenum	94-1	17151414	17268376	17500682	17306824	1.03	cps
Molybdenum	95-1	25083861	25167008	25393190	25214687	0.63	cps
Molybdenum	96-1	27093061	27591591	27566760	27417137	1.02	cps
Molybdenum	97-1	15578614	15756226	15804395	15713078	0.76	cps
Molybdenum	98-1	40200111	40984238	40932540	40705630	1.08	cps
Neodymium	150-1	440	367	367	391	10.82	cps
Neodymium	150-2	83	90	107	93	12.88	cps
Nickel	60-2	646930	653316	656407	652217	0.74	cps
Phosphorus	31-2	100631	101332	100410	100791	0.48	cps
Potassium	39-2	9887079	9786458	9982732	9885423	0.99	cps
Rhodium	103-1	6701576	6757878	6706225	6721893	0.46	cps
Rhodium	103-2	3805440	3677590	3749138	3744056	1.71	cps
Scandium	45-1	3943315	3901820	3914629	3919921	0.54	cps
Scandium	45-2	351453	349817	349417	350229	0.31	cps
Selenium	82-1	68292	69620	69025	68979	0.96	cps
Selenium	77-2	6415	6368	6208	6330	1.71	cps
Selenium	78-2	21242	20568	21536	21115	2.35	cps
Silicon	28-1	33993799	34065340	34050155	34036432	0.11	cps
Silver	107-1	5827477	5844484	5875972	5849311	0.42	cps
Silver	109-1	5545146	5539768	5556492	5547135	0.15	cps
Sodium	23-2	28351096	27869410	27813683	28011396	1.05	cps
Strontium	86-1	36232858	36632942	36637859	36501219	0.64	cps
Strontium	88-1	316303735	324389689	323657862	321450429	1.39	cps
Sulfur	34-1	507401	505568	502605	505191	0.48	cps
Terbium	159-1	10594715	10687587	10591354	10624552	0.51	cps
Terbium	159-2	6153673	5975311	5985488	6038157	1.66	cps
Thallium	203-1	5086996	5112130	5076252	5091793	0.36	cps
Thallium	205-1	11917171	11997303	12127224	12013899	0.88	cps
Tin	118-1	4021856	4081073	4104629	4069186	1.05	cps
Titanium	47-1	5894795	5953068	5873047	5906970	0.70	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:07:58	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16315664	16675076	16571951	16520897	1.12	cps
Vanadium	51-2	1537496	1519364	1526991	1527951	0.60	cps
Yttrium	89-1	12055622	12174171	12063904	12097899	0.55	cps
Yttrium	89-2	2828267	2800162	2837298	2821909	0.69	cps
Zinc	66-2	3068815	3122509	3095791	3095705	0.87	cps
Zirconium	90-1	7854974	8022579	7961525	7946359	1.07	cps
Zirconium	91-1	1754348	1785509	1793182	1777680	1.16	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:10:42	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3971540	3957527	3962062	3963709	0.18	cps
Antimony	121-1	9439167	9663806	9641510	9581494	1.29	cps
Arsenic	75-2	432217	434165	436481	434288	0.49	cps
Barium	135-1	12901959	13230108	13151470	13094512	1.31	cps
Barium	137-1	22113721	22609851	22442940	22388837	1.13	cps
Beryllium	9-1	1363393	1375417	1377305	1372038	0.55	cps
Bismuth	209-1	6530056	5350723	6262331	6047703	10.22	cps
Bismuth	209-2	4230975	4214451	4240653	4228693	0.31	cps
Bromine	81-1	8252	8563	8519	8445	1.99	cps
Bromine	81-2	30	43	47	40	22.05	cps
Cadmium	108-1	165798	169097	166988	167294	1.00	cps
Cadmium	106-1	233931	240719	239004	237885	1.48	cps
Cadmium	111-1	2367504	2417433	2412955	2399297	1.15	cps
Calcium	43-1	2648351	2699398	2665655	2671135	0.97	cps
Calcium	44-1	39581681	40183653	40266385	40010573	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3511779	3546864	3543701	3534115	0.55	cps
Cobalt	59-2	5364393	5412378	5369527	5382099	0.49	cps
Copper	63-2	38043265	38254934	38289919	38196039	0.35	cps
Dysprosium	156-1	1630	1603	1557	1597	2.33	cps
Dysprosium	156-2	823	770	833	809	4.21	cps
Erbium	164-1	223	183	173	193	13.68	cps
Erbium	164-2	83	117	83	94	20.38	cps
Gadolinium	160-1	103	127	140	123	15.05	cps
Gadolinium	160-2	310	307	320	312	2.22	cps
Holmium	165-1	10475633	8627265	10018712	9707203	9.92	cps
Holmium	165-2	6071489	6076522	6102581	6083531	0.27	cps
Indium	115-1	7233152	5965602	6938525	6712426	9.88	cps
Indium	115-2	2225187	2249296	2238223	2237569	0.54	cps
Iron	56-2	156047398	157996818	157448454	157164223	0.64	cps
Iron	57-2	3848052	3946174	3962168	3918798	1.58	cps
Iron	54-2	8705943	8756557	8670497	8710999	0.50	cps
Krypton	83-1	230	187	183	200	13.02	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:10:42	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40431954	40651389	40584924	40556089	0.28	cps
Lead	207-1	35736539	36172419	36341684	36083547	0.87	cps
Lead	208-1	162617658	164124778	164204751	163649062	0.55	cps
Lithium	6-1	1244013	1058250	1204826	1169030	8.38	cps
Magnesium	24-2	33027045	32959061	33122536	33036214	0.25	cps
Manganese	55-2	26590305	26736733	26629247	26652095	0.28	cps
Molybdenum	94-1	34381850	34691549	34939594	34670998	0.81	cps
Molybdenum	95-1	50110343	51354869	51085709	50850307	1.29	cps
Molybdenum	96-1	54388124	56070198	55856073	55438131	1.65	cps
Molybdenum	97-1	31307216	32405642	31820436	31844431	1.73	cps
Molybdenum	98-1	81088604	83611759	82944299	82548220	1.58	cps
Neodymium	150-1	547	707	650	634	12.79	cps
Neodymium	150-2	123	127	160	137	14.84	cps
Nickel	60-2	1301425	1304025	1309444	1304965	0.31	cps
Phosphorus	31-2	208249	206017	206773	207013	0.55	cps
Potassium	39-2	20227211	20243111	20162871	20211064	0.21	cps
Rhodium	103-1	6589867	5428072	6305445	6107795	9.92	cps
Rhodium	103-2	3651483	3667326	3674239	3664349	0.32	cps
Scandium	45-1	3884134	3204343	3712280	3600253	9.82	cps
Scandium	45-2	353633	355251	357393	355426	0.53	cps
Selenium	82-1	135165	138025	137117	136769	1.07	cps
Selenium	77-2	12545	12502	12652	12567	0.61	cps
Selenium	78-2	41983	42645	41602	42076	1.25	cps
Silicon	28-1	15233610	15426604	15423471	15361228	0.72	cps
Silver	107-1	11480544	11575451	11477946	11511313	0.48	cps
Silver	109-1	10748393	10909945	10875092	10844477	0.78	cps
Sodium	23-2	57060721	57027094	56849961	56979259	0.20	cps
Strontium	86-1	72343737	75121034	73760261	73741677	1.88	cps
Strontium	88-1	638058017	657113084	656272297	650481133	1.66	cps
Sulfur	34-1	848984	855040	852805	852276	0.36	cps
Terbium	159-1	10705575	8770155	10159202	9878310	10.10	cps
Terbium	159-2	6073514	6093925	6098769	6088736	0.22	cps
Thallium	203-1	10198293	10262845	10026399	10162512	1.20	cps
Thallium	205-1	24218762	24484094	24451635	24384830	0.59	cps
Tin	118-1	7944031	8224231	8222405	8130222	1.98	cps
Titanium	47-1	11794321	11986482	12046257	11942353	1.10	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:10:42	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32564488	33688060	34074957	33442502	2.35	cps
Vanadium	51-2	3131660	3158033	3112891	3134195	0.72	cps
Yttrium	89-1	12095041	9915430	11513907	11174793	10.10	cps
Yttrium	89-2	2840086	2883335	2823588	2849003	1.08	cps
Zinc	66-2	6171143	6214016	6251762	6212307	0.65	cps
Zirconium	90-1	15566644	15762324	15899860	15742943	1.06	cps
Zirconium	91-1	3475354	3535315	3548461	3519710	1.11	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:13:27	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21613999	21706016	21677840	21665952	0.22	cps
Antimony	121-1	6351	6098	6522	6324	3.37	cps
Arsenic	75-2	280	293	363	312	14.34	cps
Barium	135-1	5418	5201	5304	5308	2.04	cps
Barium	137-1	9420	9694	9914	9676	2.56	cps
Beryllium	9-1	244	333	211	263	24.03	cps
Bismuth	209-1	5796433	5856081	5623881	5758798	2.09	cps
Bismuth	209-2	3720728	3808367	3879877	3802991	2.10	cps
Bromine	81-1	8873	9680	9516	9356	4.56	cps
Bromine	81-2	103	80	80	88	15.35	cps
Cadmium	108-1	90	77	100	89	13.17	cps
Cadmium	106-1	2834	2694	2660	2729	3.37	cps
Cadmium	111-1	2394	2319	2236	2316	3.42	cps
Calcium	43-1	11899819	12007382	12267385	12058195	1.57	cps
Calcium	44-1	190584097	192834844	196862244	193427062	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11941	11775	12129	11948	1.48	cps
Cobalt	59-2	14807	15351	14981	15047	1.85	cps
Copper	63-2	10250	10237	9810	10099	2.48	cps
Dysprosium	156-1	1520	1367	1090	1326	16.44	cps
Dysprosium	156-2	400	333	380	371	9.22	cps
Erbium	164-1	383	453	467	434	10.30	cps
Erbium	164-2	253	277	217	249	12.15	cps
Gadolinium	160-1	283	317	340	313	9.09	cps
Gadolinium	160-2	387	460	393	413	9.81	cps
Holmium	165-1	10144718	9976278	10082440	10067812	0.85	cps
Holmium	165-2	5981054	5967196	6044934	5997728	0.69	cps
Indium	115-1	7153308	7143930	7141891	7146376	0.09	cps
Indium	115-2	2199007	2252084	2271849	2240980	1.68	cps
Iron	56-2	797582388	791441748	789918442	792980859	0.51	cps
Iron	57-2	19748735	19761477	19841521	19783911	0.25	cps
Iron	54-2	43315626	43293763	43234813	43281400	0.10	cps
Krypton	83-1	190	247	260	232	16.01	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:13:27	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6999	10058	8042	8366	18.59	cps
Lead	207-1	6468	8442	7079	7330	13.79	cps
Lead	208-1	28345	39121	31611	33026	16.73	cps
Lithium	6-1	1192783	1232660	1188970	1204804	2.01	cps
Magnesium	24-2	177889091	176856044	176243551	176996228	0.47	cps
Manganese	55-2	14727	15178	14988	14964	1.51	cps
Molybdenum	94-1	8709	9156	9143	9003	2.82	cps
Molybdenum	95-1	7996	8319	9530	8615	9.39	cps
Molybdenum	96-1	19313	19163	20181	19552	2.81	cps
Molybdenum	97-1	4958	5624	5821	5468	8.28	cps
Molybdenum	98-1	12429	13663	14297	13463	7.06	cps
Neodymium	150-1	200	230	223	218	7.23	cps
Neodymium	150-2	120	107	70	99	26.18	cps
Nickel	60-2	5311	5381	5101	5264	2.77	cps
Phosphorus	31-2	270	257	243	257	5.20	cps
Potassium	39-2	107931382	108318298	108440518	108230066	0.25	cps
Rhodium	103-1	6242213	6163383	6262863	6222819	0.84	cps
Rhodium	103-2	3426889	3516913	3473103	3472302	1.30	cps
Scandium	45-1	3987684	4065349	4121181	4058071	1.65	cps
Scandium	45-2	371883	374722	374241	373615	0.41	cps
Selenium	82-1	564	522	472	520	8.89	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	253	263	233	250	6.11	cps
Silicon	28-1	257245	251828	247441	252171	1.95	cps
Silver	107-1	1673	1720	1700	1698	1.38	cps
Silver	109-1	1637	1447	1453	1512	7.13	cps
Sodium	23-2	297562036	298467189	298521122	298183449	0.18	cps
Strontium	86-1	13847	13907	14861	14205	4.01	cps
Strontium	88-1	113456	122382	127691	121177	5.94	cps
Sulfur	34-1	153950	157889	155674	155837	1.27	cps
Terbium	159-1	10639367	10339818	10508492	10495892	1.43	cps
Terbium	159-2	5882120	5991928	5984568	5952872	1.03	cps
Thallium	203-1	1367	2248	1257	1624	33.47	cps
Thallium	205-1	2954	4524	2760	3413	28.34	cps
Tin	118-1	4537	4614	5058	4736	5.93	cps
Titanium	47-1	1777	2134	2367	2092	14.20	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:13:27	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2180	3442	2680	2768	22.96	cps
Vanadium	51-2	920	890	787	866	8.08	cps
Yttrium	89-1	11928499	12277639	11872094	12026078	1.83	cps
Yttrium	89-2	2857415	2942299	2893605	2897773	1.47	cps
Zinc	66-2	3440	3530	3627	3533	2.64	cps
Zirconium	90-1	8976	9483	9523	9327	3.27	cps
Zirconium	91-1	2144	2270	2010	2141	6.07	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:23:15	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108967	108705	107312	108328	0.82	cps
Antimony	121-1	2049886	2024802	2029937	2034875	0.65	cps
Arsenic	75-2	96799	95930	96249	96326	0.46	cps
Barium	135-1	247101	248323	249230	248218	0.43	cps
Barium	137-1	427328	436171	434845	432782	1.10	cps
Beryllium	9-1	153274	158284	156400	155986	1.62	cps
Bismuth	209-1	6793307	6797386	6659112	6749935	1.17	cps
Bismuth	209-2	4615290	4486547	4524071	4541969	1.46	cps
Bromine	81-1	8999	8989	9100	9030	0.67	cps
Bromine	81-2	50	40	40	43	13.32	cps
Cadmium	108-1	16136	16543	16156	16278	1.41	cps
Cadmium	106-1	25279	24921	25619	25273	1.38	cps
Cadmium	111-1	249584	251586	253475	251548	0.77	cps
Calcium	43-1	52731	53450	53384	53188	0.75	cps
Calcium	44-1	855349	870533	880224	868702	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	398421	394345	399623	397463	0.70	cps
Cobalt	59-2	595225	593816	594570	594537	0.12	cps
Copper	63-2	401807	402127	399731	401222	0.32	cps
Dysprosium	156-1	687	717	767	723	5.59	cps
Dysprosium	156-2	137	177	177	163	14.14	cps
Erbium	164-1	77	33	80	63	41.11	cps
Erbium	164-2	43	40	40	41	4.68	cps
Gadolinium	160-1	60	23	57	47	43.45	cps
Gadolinium	160-2	247	283	243	258	8.61	cps
Holmium	165-1	10575066	10515379	10246172	10445539	1.68	cps
Holmium	165-2	6296490	6247898	6210821	6251736	0.69	cps
Indium	115-1	7899602	7864108	7853417	7872376	0.31	cps
Indium	115-2	2495717	2466480	2500995	2487731	0.75	cps
Iron	56-2	6824121	6783562	6664110	6757264	1.23	cps
Iron	57-2	176189	175505	176001	175898	0.20	cps
Iron	54-2	399597	399779	398617	399331	0.16	cps
Krypton	83-1	203	187	217	202	7.43	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:23:15	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1560399	1791647	1845868	1732638	8.75	cps
Lead	207-1	1312306	1332928	1334979	1326738	0.95	cps
Lead	208-1	6621027	6999150	7001424	6873867	3.19	cps
Lithium	6-1	1316593	1307015	1315495	1313034	0.40	cps
Magnesium	24-2	447163	442820	443248	444411	0.54	cps
Manganese	55-2	295792	293883	292813	294163	0.51	cps
Molybdenum	94-1	1007	930	993	977	4.19	cps
Molybdenum	95-1	907	963	1013	961	5.55	cps
Molybdenum	96-1	1403	1177	1237	1272	9.23	cps
Molybdenum	97-1	623	583	563	590	5.18	cps
Molybdenum	98-1	1487	1493	1543	1508	2.05	cps
Neodymium	150-1	7	30	23	20	60.08	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	151132	150631	151096	150953	0.19	cps
Phosphorus	31-2	160	140	157	152	7.04	cps
Potassium	39-2	950331	952217	951118	951222	0.10	cps
Rhodium	103-1	7301018	7291842	7234154	7275672	0.50	cps
Rhodium	103-2	4145901	4058720	4104267	4102963	1.06	cps
Scandium	45-1	4222334	4173075	4139399	4178269	1.00	cps
Scandium	45-2	383352	381042	383058	382484	0.33	cps
Selenium	82-1	31008	31299	31800	31369	1.28	cps
Selenium	77-2	2770	2950	2924	2881	3.37	cps
Selenium	78-2	9967	9430	10114	9837	3.66	cps
Silicon	28-1	182082	184161	186070	184104	1.08	cps
Silver	107-1	584594	596266	598944	593268	1.29	cps
Silver	109-1	553625	561949	558834	558136	0.75	cps
Sodium	23-2	1221231	1229149	1204759	1218380	1.02	cps
Strontium	86-1	2287	2274	2010	2190	7.12	cps
Strontium	88-1	16296	17123	16012	16477	3.50	cps
Sulfur	34-1	174143	174666	173469	174093	0.34	cps
Terbium	159-1	10697238	10733140	10608216	10679531	0.60	cps
Terbium	159-2	6313935	6246788	6186083	6248935	1.02	cps
Thallium	203-1	2275825	2305167	2295822	2292271	0.65	cps
Thallium	205-1	5453371	5533880	5461103	5482785	0.81	cps
Tin	118-1	2127	2090	2177	2131	2.04	cps
Titanium	47-1	327	263	330	307	12.25	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:23:15	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	490	470	477	479	2.13	cps
Vanadium	51-2	339214	339377	339519	339370	0.04	cps
Yttrium	89-1	12721575	12646130	12599734	12655813	0.49	cps
Yttrium	89-2	3073139	3021934	2989232	3028102	1.40	cps
Zinc	66-2	134132	133238	135269	134213	0.76	cps
Zirconium	90-1	1123	1187	1200	1170	3.50	cps
Zirconium	91-1	353	410	407	390	8.15	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:31:23	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	453	483	360	432	14.88	cps
Antimony	121-1	817	700	783	767	7.84	cps
Arsenic	75-2	20	40	30	30	33.33	cps
Barium	135-1	303	350	340	331	7.42	cps
Barium	137-1	607	657	593	619	5.40	cps
Beryllium	9-1	67	100	72	80	22.43	cps
Bismuth	209-1	6334132	6416277	6338981	6363130	0.72	cps
Bismuth	209-2	4381009	4305108	4333162	4339760	0.88	cps
Bromine	81-1	9236	9033	9176	9148	1.14	cps
Bromine	81-2	60	67	80	69	14.78	cps
Cadmium	108-1	10	27	17	18	47.19	cps
Cadmium	106-1	2247	2607	2324	2392	7.93	cps
Cadmium	111-1	1666	1893	1681	1747	7.26	cps
Calcium	43-1	847	783	797	809	4.13	cps
Calcium	44-1	19213	19066	18972	19084	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	670	687	593	650	7.66	cps
Cobalt	59-2	280	317	260	286	10.06	cps
Copper	63-2	1320	1437	1410	1389	4.40	cps
Dysprosium	156-1	660	600	730	663	9.81	cps
Dysprosium	156-2	150	143	133	142	5.90	cps
Erbium	164-1	53	47	90	63	36.84	cps
Erbium	164-2	40	53	27	40	33.33	cps
Gadolinium	160-1	17	27	30	24	28.38	cps
Gadolinium	160-2	250	260	280	263	5.80	cps
Holmium	165-1	9896480	9978813	9940210	9938501	0.41	cps
Holmium	165-2	6050024	5953699	5934045	5979256	1.04	cps
Indium	115-1	7455554	7526591	7561594	7514579	0.72	cps
Indium	115-2	2406306	2381026	2390615	2392649	0.53	cps
Iron	56-2	22146	22030	21596	21924	1.32	cps
Iron	57-2	1317	1287	1320	1308	1.40	cps
Iron	54-2	2320	2194	2150	2221	3.98	cps
Krypton	83-1	183	137	153	158	14.99	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:31:23	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1657	1783	1627	1689	4.92	cps
Lead	207-1	1563	1350	1367	1427	8.32	cps
Lead	208-1	6707	6744	6691	6714	0.41	cps
Lithium	6-1	1237870	1255304	1231495	1241556	0.99	cps
Magnesium	24-2	2777	2787	2680	2748	2.14	cps
Manganese	55-2	847	863	850	853	1.03	cps
Molybdenum	94-1	817	933	847	866	7.00	cps
Molybdenum	95-1	620	620	700	647	7.14	cps
Molybdenum	96-1	810	767	733	770	4.99	cps
Molybdenum	97-1	463	427	450	447	4.16	cps
Molybdenum	98-1	1013	983	1143	1047	8.13	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	83	123	137	114	24.25	cps
Phosphorus	31-2	153	140	153	149	5.17	cps
Potassium	39-2	41633	42586	41961	42060	1.15	cps
Rhodium	103-1	6837006	6945925	6953276	6912069	0.94	cps
Rhodium	103-2	3962205	3987996	3943853	3964685	0.56	cps
Scandium	45-1	3950673	4008537	3984755	3981321	0.73	cps
Scandium	45-2	367234	363953	363111	364766	0.60	cps
Selenium	82-1	335	399	329	355	10.92	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	240	227	140	202	26.85	cps
Silicon	28-1	185519	188657	186842	187006	0.84	cps
Silver	107-1	383	350	337	357	6.74	cps
Silver	109-1	257	253	243	251	2.76	cps
Sodium	23-2	25171	25822	25308	25433	1.35	cps
Strontium	86-1	1170	1107	1197	1158	3.99	cps
Strontium	88-1	7826	7842	7909	7859	0.56	cps
Sulfur	34-1	173399	174397	174946	174247	0.45	cps
Terbium	159-1	10032795	10116109	10087830	10078911	0.42	cps
Terbium	159-2	6060633	5966861	5941381	5989625	1.05	cps
Thallium	203-1	643	563	497	568	12.93	cps
Thallium	205-1	1240	1417	1393	1350	7.11	cps
Tin	118-1	2074	2290	2267	2210	5.38	cps
Titanium	47-1	223	220	200	214	5.89	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:31:23	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	387	360	367	371	3.74	cps
Vanadium	51-2	63	50	53	56	12.49	cps
Yttrium	89-1	11924815	12161145	12051074	12045678	0.98	cps
Yttrium	89-2	2901691	2920194	2935126	2919004	0.57	cps
Zinc	66-2	1413	1297	1193	1301	8.46	cps
Zirconium	90-1	1400	1277	1317	1331	4.73	cps
Zirconium	91-1	263	257	280	267	4.51	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:40:09	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19506192	19407666	19741606	19551821	0.88	cps
Antimony	121-1	9980	10080	10117	10059	0.70	cps
Arsenic	75-2	183	163	190	179	7.76	cps
Barium	135-1	3560	3574	3877	3671	4.88	cps
Barium	137-1	5988	6308	6358	6218	3.23	cps
Beryllium	9-1	467	500	506	491	4.29	cps
Bismuth	209-1	6032962	6138021	6288200	6153061	2.08	cps
Bismuth	209-2	4200861	4200569	4149309	4183580	0.71	cps
Bromine	81-1	9493	9396	9723	9538	1.76	cps
Bromine	81-2	173	143	147	154	10.65	cps
Cadmium	108-1	1230	1287	1367	1295	5.30	cps
Cadmium	106-1	2154	2170	2307	2210	3.81	cps
Cadmium	111-1	2333	2305	2318	2319	0.60	cps
Calcium	43-1	2319904	2356471	2403789	2360055	1.78	cps
Calcium	44-1	37045245	37979757	38505849	37843617	1.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75775	74941	76275	75664	0.89	cps
Cobalt	59-2	7208	6918	7375	7167	3.23	cps
Copper	63-2	29573	29539	30418	29843	1.67	cps
Dysprosium	156-1	637	600	520	586	10.19	cps
Dysprosium	156-2	127	180	123	143	22.18	cps
Erbium	164-1	133	97	80	103	26.41	cps
Erbium	164-2	60	53	60	58	6.67	cps
Gadolinium	160-1	87	53	67	69	24.36	cps
Gadolinium	160-2	307	300	290	299	2.81	cps
Holmium	165-1	9927610	10210772	10309251	10149211	1.95	cps
Holmium	165-2	6156434	6254380	6228854	6213223	0.82	cps
Indium	115-1	7362056	7459515	7397445	7406338	0.67	cps
Indium	115-2	2372363	2395526	2372619	2380169	0.56	cps
Iron	56-2	325207255	323557602	328204502	325656453	0.72	cps
Iron	57-2	8081815	8054383	8132494	8089564	0.49	cps
Iron	54-2	17798768	17897957	17749889	17815538	0.42	cps
Krypton	83-1	163	210	193	189	12.52	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:40:09	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	31059	31269	32669	31666	2.76	cps
Lead	207-1	24749	25330	25928	25336	2.33	cps
Lead	208-1	117792	119199	124644	120545	3.00	cps
Lithium	6-1	1200483	1195899	1165878	1187420	1.58	cps
Magnesium	24-2	34980778	34707503	35056593	34914958	0.53	cps
Manganese	55-2	22554	22447	23545	22849	2.65	cps
Molybdenum	94-1	4919613	5178283	5181548	5093148	2.95	cps
Molybdenum	95-1	8879086	9066391	9095155	9013544	1.30	cps
Molybdenum	96-1	9510934	9640179	9667833	9606315	0.87	cps
Molybdenum	97-1	5420375	5680817	5632205	5577799	2.48	cps
Molybdenum	98-1	14127356	14485732	14712555	14441881	2.04	cps
Neodymium	150-1	53	47	80	60	29.40	cps
Neodymium	150-2	37	7	30	24	64.43	cps
Nickel	60-2	7892	7966	7595	7818	2.51	cps
Phosphorus	31-2	1095984	1107337	1105002	1102774	0.54	cps
Potassium	39-2	42300566	42454449	42577747	42444254	0.33	cps
Rhodium	103-1	6564567	6652590	6711910	6643022	1.12	cps
Rhodium	103-2	3846180	3832582	3815230	3831331	0.40	cps
Scandium	45-1	3978238	4033720	4101155	4037704	1.52	cps
Scandium	45-2	381642	378645	383430	381239	0.63	cps
Selenium	82-1	374	368	342	361	4.59	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	210	227	193	210	7.94	cps
Silicon	28-1	284638	295582	299335	293185	2.60	cps
Silver	107-1	733	770	907	803	11.37	cps
Silver	109-1	683	673	840	732	12.77	cps
Sodium	23-2	59352359	59089699	59756314	59399457	0.57	cps
Strontium	86-1	98393	99674	101493	99853	1.56	cps
Strontium	88-1	850517	880375	892905	874599	2.49	cps
Sulfur	34-1	3462257	3500978	3583431	3515555	1.76	cps
Terbium	159-1	10206069	10376077	10468816	10350320	1.29	cps
Terbium	159-2	6134615	6186364	6076406	6132462	0.90	cps
Thallium	203-1	807	777	857	813	4.97	cps
Thallium	205-1	2024	1990	2107	2040	2.95	cps
Tin	118-1	5831	6278	6275	6128	4.19	cps
Titanium	47-1	2185626	2223214	2265109	2224650	1.79	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:40:09	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	650	683	1013	782	25.68	cps
Vanadium	51-2	653	583	673	637	7.42	cps
Yttrium	89-1	11937237	12266929	12139626	12114597	1.37	cps
Yttrium	89-2	2990260	3037405	3015886	3014517	0.78	cps
Zinc	66-2	7845	8049	8259	8051	2.57	cps
Zirconium	90-1	1257	1280	1133	1223	6.44	cps
Zirconium	91-1	280	257	237	258	8.41	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:43:11	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20230478	20015532	20131925	20125978	0.53	cps
Antimony	121-1	191031	194919	197203	194385	1.61	cps
Arsenic	75-2	9240	9166	9500	9302	1.88	cps
Barium	135-1	51700	52436	52376	52171	0.78	cps
Barium	137-1	89341	91055	90777	90391	1.02	cps
Beryllium	9-1	28393	28421	28821	28545	0.84	cps
Bismuth	209-1	6402479	6289074	6563480	6418344	2.15	cps
Bismuth	209-2	4273827	4299655	4374037	4315840	1.21	cps
Bromine	81-1	10224	10447	10927	10533	3.41	cps
Bromine	81-2	210	143	133	162	25.69	cps
Cadmium	108-1	3951	4167	4247	4122	3.73	cps
Cadmium	106-1	6782	6725	6398	6635	3.12	cps
Cadmium	111-1	47446	49345	47826	48206	2.08	cps
Calcium	43-1	2432075	2491145	2520350	2481190	1.81	cps
Calcium	44-1	38994676	39749609	40315547	39686611	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156846	154199	155236	155427	0.86	cps
Cobalt	59-2	120848	120932	121504	121095	0.29	cps
Copper	63-2	107546	107610	106327	107161	0.67	cps
Dysprosium	156-1	553	570	533	552	3.32	cps
Dysprosium	156-2	127	140	110	126	11.97	cps
Erbium	164-1	87	123	93	101	19.32	cps
Erbium	164-2	73	77	87	79	8.80	cps
Gadolinium	160-1	77	50	93	73	29.80	cps
Gadolinium	160-2	263	293	257	271	7.20	cps
Holmium	165-1	10649068	10315790	10954686	10639848	3.00	cps
Holmium	165-2	6337075	6454293	6494307	6428558	1.27	cps
Indium	115-1	7818301	7544633	8018645	7793859	3.05	cps
Indium	115-2	2494149	2489971	2433215	2472445	1.38	cps
Iron	56-2	338135035	336383502	337308108	337275548	0.26	cps
Iron	57-2	8366644	8303161	8357843	8342549	0.41	cps
Iron	54-2	18385671	18522360	18440316	18449449	0.37	cps
Krypton	83-1	220	200	220	213	5.41	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:43:11	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	186635	189226	190256	188705	0.99	cps
Lead	207-1	158867	161257	162807	160977	1.23	cps
Lead	208-1	730863	740569	744869	738767	0.97	cps
Lithium	6-1	1240908	1190351	1195967	1209076	2.29	cps
Magnesium	24-2	36236950	35988989	36294609	36173516	0.45	cps
Manganese	55-2	81271	80641	80715	80876	0.43	cps
Molybdenum	94-1	5238780	5346600	5351464	5312281	1.20	cps
Molybdenum	95-1	9204673	9450261	9381095	9345343	1.36	cps
Molybdenum	96-1	9879220	10122839	10096712	10032924	1.33	cps
Molybdenum	97-1	5740721	5862416	5911914	5838350	1.51	cps
Molybdenum	98-1	14960840	15408781	15355174	15241598	1.60	cps
Neodymium	150-1	77	60	43	60	27.78	cps
Neodymium	150-2	23	23	47	31	43.32	cps
Nickel	60-2	35880	35863	36732	36158	1.37	cps
Phosphorus	31-2	1149138	1141397	1148462	1146333	0.37	cps
Potassium	39-2	43894268	43611733	43818198	43774733	0.33	cps
Rhodium	103-1	6975260	6749561	7124288	6949703	2.71	cps
Rhodium	103-2	3970837	3970469	4036947	3992751	0.96	cps
Scandium	45-1	4278670	4180110	4398070	4285617	2.55	cps
Scandium	45-2	402176	402442	400575	401731	0.25	cps
Selenium	82-1	3073	3291	3214	3192	3.46	cps
Selenium	77-2	283	327	230	280	17.29	cps
Selenium	78-2	1020	1027	1073	1040	2.79	cps
Silicon	28-1	304783	314426	317458	312222	2.12	cps
Silver	107-1	209689	215712	217089	214163	1.84	cps
Silver	109-1	199473	203426	205188	202696	1.44	cps
Sodium	23-2	61871834	61653561	61644784	61723393	0.21	cps
Strontium	86-1	102574	106673	104481	104576	1.96	cps
Strontium	88-1	900036	927274	927922	918411	1.73	cps
Sulfur	34-1	3596352	3622502	3702752	3640535	1.52	cps
Terbium	159-1	10911709	10580201	11216967	10902959	2.92	cps
Terbium	159-2	6337519	6377965	6359338	6358274	0.32	cps
Thallium	203-1	186610	190351	191873	189612	1.43	cps
Thallium	205-1	450214	454375	460273	454954	1.11	cps
Tin	118-1	4974	4901	5078	4984	1.78	cps
Titanium	47-1	2310135	2348856	2359836	2339609	1.12	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:43:11	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	740	760	770	757	2.02	cps
Vanadium	51-2	69740	68491	68123	68785	1.23	cps
Yttrium	89-1	12807731	12499672	13287874	12865093	3.09	cps
Yttrium	89-2	3142341	3166696	3137092	3148710	0.50	cps
Zinc	66-2	21319	20881	21132	21111	1.04	cps
Zirconium	90-1	1160	1250	1123	1178	5.53	cps
Zirconium	91-1	240	317	287	281	13.74	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:46:15	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11671987	11852766	11844310	11789688	0.87	cps
Antimony	121-1	5117093	5227373	5249396	5197954	1.36	cps
Arsenic	75-2	256167	255228	255160	255518	0.22	cps
Barium	135-1	6965258	7103188	7103501	7057315	1.13	cps
Barium	137-1	11908077	12064653	11991874	11988201	0.65	cps
Beryllium	9-1	722731	733253	735174	730386	0.92	cps
Bismuth	209-1	6517070	6393176	6398233	6436159	1.09	cps
Bismuth	209-2	4122899	4172515	4174908	4156774	0.71	cps
Bromine	81-1	10647	10307	10414	10456	1.66	cps
Bromine	81-2	37	50	43	43	15.38	cps
Cadmium	108-1	94679	95978	96065	95574	0.81	cps
Cadmium	106-1	134977	139149	139280	137802	1.78	cps
Cadmium	111-1	1269803	1288871	1298380	1285685	1.13	cps
Calcium	43-1	6752649	6888931	6835075	6825552	1.01	cps
Calcium	44-1	109220625	109341812	109995415	109519284	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2032084	2040075	1991625	2021261	1.29	cps
Cobalt	59-2	3166562	3242655	3203424	3204214	1.19	cps
Copper	63-2	21966994	22078456	22052407	22032619	0.26	cps
Dysprosium	156-1	860	827	820	836	2.57	cps
Dysprosium	156-2	510	540	540	530	3.27	cps
Erbium	164-1	280	357	340	326	12.39	cps
Erbium	164-2	210	220	153	194	18.49	cps
Gadolinium	160-1	287	280	247	271	7.90	cps
Gadolinium	160-2	390	317	347	351	10.50	cps
Holmium	165-1	10770328	11027202	10913682	10903737	1.18	cps
Holmium	165-2	6422382	6409266	6419942	6417197	0.11	cps
Indium	115-1	7763557	7792761	7844016	7800111	0.52	cps
Indium	115-2	2461118	2470469	2415967	2449185	1.19	cps
Iron	56-2	444417460	440784513	441764260	442322078	0.42	cps
Iron	57-2	10953092	11029685	10972857	10985211	0.36	cps
Iron	54-2	24241336	24380794	24304350	24308827	0.29	cps
Krypton	83-1	190	203	273	222	20.14	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:46:15	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20485153	20549846	20499629	20511542	0.17	cps
Lead	207-1	18326575	18335242	18407714	18356510	0.24	cps
Lead	208-1	82737283	82645849	82902228	82761787	0.16	cps
Lithium	6-1	1161956	1179951	1171427	1171111	0.77	cps
Magnesium	24-2	96666999	97353865	96879459	96966774	0.36	cps
Manganese	55-2	15310482	15029327	15172428	15170746	0.93	cps
Molybdenum	94-1	19470271	19427453	19662878	19520201	0.64	cps
Molybdenum	95-1	28279160	28688089	28827386	28598212	1.00	cps
Molybdenum	96-1	30713745	31281731	31223257	31072911	1.01	cps
Molybdenum	97-1	17580863	17802884	17878149	17753965	0.87	cps
Molybdenum	98-1	45492056	46481303	46292458	46088605	1.14	cps
Neodymium	150-1	403	477	497	459	10.71	cps
Neodymium	150-2	150	133	213	166	25.49	cps
Nickel	60-2	766261	767404	763272	765646	0.28	cps
Phosphorus	31-2	119838	120533	121064	120478	0.51	cps
Potassium	39-2	58700912	58996114	59126441	58941156	0.37	cps
Rhodium	103-1	7058511	7095040	6957224	7036925	1.01	cps
Rhodium	103-2	3891323	3922413	3861549	3891762	0.78	cps
Scandium	45-1	4536009	4473745	4522037	4510597	0.72	cps
Scandium	45-2	415423	415864	411734	414340	0.55	cps
Selenium	82-1	78054	78994	79623	78891	1.00	cps
Selenium	77-2	7058	7165	7439	7221	2.72	cps
Selenium	78-2	24073	24564	23863	24166	1.49	cps
Silicon	28-1	45932393	46309406	46257519	46166439	0.44	cps
Silver	107-1	6472002	6534997	6510123	6505708	0.49	cps
Silver	109-1	6148222	6172782	6023353	6114786	1.31	cps
Sodium	23-2	165553591	164380401	163555608	164496533	0.61	cps
Strontium	86-1	41080765	41813618	42064201	41652861	1.23	cps
Strontium	88-1	359151888	365230888	364383355	362922043	0.91	cps
Sulfur	34-1	546353	558229	558150	554244	1.23	cps
Terbium	159-1	11331037	11060986	11095423	11162482	1.32	cps
Terbium	159-2	6313184	6402769	6320845	6345599	0.78	cps
Thallium	203-1	5190612	5175744	5225469	5197275	0.49	cps
Thallium	205-1	12344569	12364184	12501334	12403362	0.69	cps
Tin	118-1	4334997	4389649	4374055	4366234	0.64	cps
Titanium	47-1	6896940	6956871	6985887	6946566	0.65	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P7
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:46:15	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16752871	16952561	16888540	16864657	0.60	cps
Vanadium	51-2	1826769	1857331	1825097	1836399	0.99	cps
Yttrium	89-1	13513885	13300492	13383029	13399135	0.80	cps
Yttrium	89-2	3171195	3217151	3170494	3186280	0.84	cps
Zinc	66-2	3624040	3556893	3577985	3586306	0.96	cps
Zirconium	90-1	8953829	9015461	9061521	9010270	0.60	cps
Zirconium	91-1	1987218	2038345	2014722	2013428	1.27	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:48:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1813	1820	1833	1822	0.56	cps
Antimony	121-1	3350	3230	3207	3263	2.36	cps
Arsenic	75-2	30	27	13	23	37.81	cps
Barium	135-1	677	543	540	587	13.29	cps
Barium	137-1	1110	1127	1053	1097	3.51	cps
Beryllium	9-1	122	122	89	111	17.32	cps
Bismuth	209-1	7282493	7210026	7063884	7185468	1.55	cps
Bismuth	209-2	4731733	4645467	4674084	4683761	0.94	cps
Bromine	81-1	9840	10084	10260	10061	2.10	cps
Bromine	81-2	73	70	77	73	4.55	cps
Cadmium	108-1	20	10	17	16	32.73	cps
Cadmium	106-1	3000	2984	2934	2973	1.17	cps
Cadmium	111-1	2260	2248	2169	2225	2.23	cps
Calcium	43-1	1067	1057	1033	1052	1.63	cps
Calcium	44-1	22641	21829	21826	22099	2.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	620	657	603	627	4.35	cps
Cobalt	59-2	310	317	307	311	1.64	cps
Copper	63-2	2730	2730	2610	2690	2.58	cps
Dysprosium	156-1	550	433	503	496	11.85	cps
Dysprosium	156-2	77	83	77	79	4.87	cps
Erbium	164-1	53	70	73	66	16.35	cps
Erbium	164-2	40	30	60	43	35.25	cps
Gadolinium	160-1	63	33	43	47	32.74	cps
Gadolinium	160-2	193	320	277	263	24.45	cps
Holmium	165-1	11128159	11014659	11044473	11062430	0.53	cps
Holmium	165-2	6544385	6476826	6458125	6493112	0.70	cps
Indium	115-1	8545087	8429079	8387269	8453812	0.97	cps
Indium	115-2	2634834	2614970	2608846	2619550	0.52	cps
Iron	56-2	44613	45228	44506	44782	0.87	cps
Iron	57-2	1970	1997	2003	1990	0.89	cps
Iron	54-2	3304	3287	3304	3298	0.29	cps
Krypton	83-1	217	213	183	204	8.98	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:48:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2820	2530	2374	2575	8.80	cps
Lead	207-1	2517	2500	2250	2422	6.17	cps
Lead	208-1	11052	10655	9975	10561	5.16	cps
Lithium	6-1	1263473	1223379	1223343	1236731	1.87	cps
Magnesium	24-2	6785	6862	7055	6901	2.02	cps
Manganese	55-2	1370	1350	1220	1313	6.20	cps
Molybdenum	94-1	2177	2064	2057	2099	3.21	cps
Molybdenum	95-1	2807	2764	2614	2728	3.72	cps
Molybdenum	96-1	3060	2994	2984	3013	1.38	cps
Molybdenum	97-1	1710	1603	1667	1660	3.23	cps
Molybdenum	98-1	4437	4047	4321	4268	4.69	cps
Neodymium	150-1	27	33	20	27	24.99	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	117	160	150	142	15.95	cps
Phosphorus	31-2	203	223	160	196	16.56	cps
Potassium	39-2	55103	54905	54825	54944	0.26	cps
Rhodium	103-1	7801682	7760399	7811420	7791167	0.35	cps
Rhodium	103-2	4292086	4318052	4290437	4300192	0.36	cps
Scandium	45-1	4623765	4492692	4542344	4552934	1.45	cps
Scandium	45-2	411686	406670	406990	408449	0.69	cps
Selenium	82-1	367	339	388	365	6.85	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	210	197	260	222	15.02	cps
Silicon	28-1	220258	217999	217499	218585	0.67	cps
Silver	107-1	1067	823	680	857	22.82	cps
Silver	109-1	963	793	750	836	13.50	cps
Sodium	23-2	52650	53322	50844	52272	2.45	cps
Strontium	86-1	2800	2534	2550	2628	5.69	cps
Strontium	88-1	22634	21222	19563	21140	7.27	cps
Sulfur	34-1	164996	165805	165880	165560	0.30	cps
Terbium	159-1	11512854	11378843	11192125	11361274	1.42	cps
Terbium	159-2	6470517	6405773	6449805	6442032	0.51	cps
Thallium	203-1	1137	947	850	978	14.92	cps
Thallium	205-1	2744	2220	2270	2411	11.98	cps
Tin	118-1	4451	4524	4651	4542	2.23	cps
Titanium	47-1	550	723	617	630	13.88	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB006	Instrumnet Name :	P7
Client Sample ID :	CCB006	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:48:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1040	907	923	957	7.59	cps
Vanadium	51-2	107	107	100	104	3.69	cps
Yttrium	89-1	13580642	13627070	13498040	13568584	0.48	cps
Yttrium	89-2	3252868	3193480	3214852	3220400	0.93	cps
Zinc	66-2	1717	1733	1727	1726	0.49	cps
Zirconium	90-1	1367	1180	1330	1292	7.65	cps
Zirconium	91-1	337	273	227	279	19.80	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BL	Instrumnet Name :	P7
Client Sample ID :	PBS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:52:13	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833	967	850	883	8.22	cps
Antimony	121-1	1047	1090	1220	1119	8.06	cps
Arsenic	75-2	10	7	20	12	56.76	cps
Barium	135-1	360	450	333	381	16.04	cps
Barium	137-1	660	763	670	698	8.17	cps
Beryllium	9-1	94	67	111	91	24.74	cps
Bismuth	209-1	6802485	6734534	6783796	6773605	0.52	cps
Bismuth	209-2	4546340	4518618	4567568	4544175	0.54	cps
Bromine	81-1	10280	10357	10567	10402	1.43	cps
Bromine	81-2	83	70	63	72	14.10	cps
Cadmium	108-1	10	33	10	18	75.77	cps
Cadmium	106-1	2750	2957	2800	2836	3.80	cps
Cadmium	111-1	1988	2133	2000	2040	3.95	cps
Calcium	43-1	483	463	537	494	7.67	cps
Calcium	44-1	14124	14271	13747	14047	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	713	697	687	699	1.93	cps
Cobalt	59-2	203	203	247	218	11.49	cps
Copper	63-2	1833	1957	1803	1865	4.36	cps
Dysprosium	156-1	460	497	463	473	4.28	cps
Dysprosium	156-2	97	103	103	101	3.80	cps
Erbium	164-1	53	57	67	59	11.79	cps
Erbium	164-2	23	30	43	32	31.61	cps
Gadolinium	160-1	23	17	67	36	76.36	cps
Gadolinium	160-2	293	277	277	282	3.41	cps
Holmium	165-1	10488196	10717276	10574818	10593430	1.09	cps
Holmium	165-2	6329869	6263911	6298491	6297424	0.52	cps
Indium	115-1	8041969	8037238	8079830	8053012	0.29	cps
Indium	115-2	2589665	2540853	2526846	2552455	1.29	cps
Iron	56-2	30207	31707	29790	30568	3.30	cps
Iron	57-2	1560	1590	1637	1596	2.42	cps
Iron	54-2	2910	3024	2807	2914	3.72	cps
Krypton	83-1	210	170	237	206	16.32	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BL	Instrumnet Name :	P7
Client Sample ID :	PBS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:52:13	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1767	1693	1713	1725	2.20	cps
Lead	207-1	1500	1523	1267	1430	9.93	cps
Lead	208-1	6897	6837	6634	6790	2.03	cps
Lithium	6-1	1175811	1226816	1197523	1200050	2.13	cps
Magnesium	24-2	3637	3904	3634	3725	4.16	cps
Manganese	55-2	803	743	780	776	3.90	cps
Molybdenum	94-1	1607	1433	1473	1505	6.03	cps
Molybdenum	95-1	1147	1163	1143	1151	0.93	cps
Molybdenum	96-1	1490	1507	1343	1447	6.21	cps
Molybdenum	97-1	803	757	647	736	10.94	cps
Molybdenum	98-1	1960	2254	1973	2062	8.03	cps
Neodymium	150-1	23	17	17	19	20.36	cps
Neodymium	150-2	0	13	3	6	124.93	cps
Nickel	60-2	87	113	110	103	14.06	cps
Phosphorus	31-2	153	177	157	162	7.78	cps
Potassium	39-2	49360	48801	47397	48519	2.08	cps
Rhodium	103-1	7397533	7560754	7551017	7503102	1.22	cps
Rhodium	103-2	4167429	4256382	4220923	4214911	1.06	cps
Scandium	45-1	4320698	4406898	4360442	4362680	0.99	cps
Scandium	45-2	402042	395066	395982	397697	0.95	cps
Selenium	82-1	373	437	423	411	8.25	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	217	250	230	232	7.22	cps
Silicon	28-1	192646	195147	195171	194321	0.75	cps
Silver	107-1	407	480	413	433	9.36	cps
Silver	109-1	390	337	360	362	7.38	cps
Sodium	23-2	38141	37970	35922	37344	3.31	cps
Strontium	86-1	1360	1397	1337	1365	2.22	cps
Strontium	88-1	10050	10584	9770	10135	4.08	cps
Sulfur	34-1	173981	172576	172016	172858	0.59	cps
Terbium	159-1	10758921	10794109	10751147	10768059	0.21	cps
Terbium	159-2	6345161	6259951	6302106	6302406	0.68	cps
Thallium	203-1	610	643	607	620	3.27	cps
Thallium	205-1	1413	1350	1293	1352	4.44	cps
Tin	118-1	2544	2724	2660	2643	3.45	cps
Titanium	47-1	333	393	370	366	8.27	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BL	Instrumnet Name :	P7
Client Sample ID :	PBS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:52:13	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	483	457	413	451	7.83	cps
Vanadium	51-2	83	77	53	71	22.15	cps
Yttrium	89-1	12973409	13200121	13126631	13100053	0.88	cps
Yttrium	89-2	3146759	3146498	3094625	3129294	0.96	cps
Zinc	66-2	573	620	640	611	5.60	cps
Zirconium	90-1	2404	2023	1840	2089	13.76	cps
Zirconium	91-1	520	453	487	487	6.85	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BS	Instrumnet Name :	P7
Client Sample ID :	LCS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:55:28	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9780	9486	9817	9694	1.87	cps
Antimony	121-1	37372	37987	37886	37748	0.87	cps
Arsenic	75-2	933	1023	927	961	5.62	cps
Barium	135-1	47091	47469	48429	47663	1.45	cps
Barium	137-1	82625	82102	83590	82772	0.91	cps
Beryllium	9-1	2756	2978	2878	2871	3.88	cps
Bismuth	209-1	6737323	6758489	6669809	6721873	0.69	cps
Bismuth	209-2	4600097	4516558	4524716	4547124	1.01	cps
Bromine	81-1	10404	10537	10767	10569	1.74	cps
Bromine	81-2	90	67	93	83	17.43	cps
Cadmium	108-1	433	390	330	384	13.50	cps
Cadmium	106-1	3487	3097	3067	3217	7.28	cps
Cadmium	111-1	6798	6469	6490	6586	2.80	cps
Calcium	43-1	26253	26206	26473	26311	0.54	cps
Calcium	44-1	428433	436733	435053	433406	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16896	16346	16469	16570	1.74	cps
Cobalt	59-2	12112	12265	11798	12058	1.97	cps
Copper	63-2	19396	19042	19429	19289	1.11	cps
Dysprosium	156-1	470	487	497	484	2.78	cps
Dysprosium	156-2	113	80	147	113	29.41	cps
Erbium	164-1	60	103	63	76	31.92	cps
Erbium	164-2	40	60	33	44	31.23	cps
Gadolinium	160-1	30	83	27	47	68.13	cps
Gadolinium	160-2	210	243	213	222	8.26	cps
Holmium	165-1	10497689	10433218	10444808	10458572	0.33	cps
Holmium	165-2	6382578	6371426	6211049	6321685	1.52	cps
Indium	115-1	8137467	8226824	8101082	8155124	0.79	cps
Indium	115-2	2540308	2538484	2514682	2531158	0.56	cps
Iron	56-2	1400054	1437675	1426916	1421548	1.36	cps
Iron	57-2	37333	37654	37196	37394	0.63	cps
Iron	54-2	82032	82565	81747	82114	0.51	cps
Krypton	83-1	167	250	207	208	20.06	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BS	Instrumnet Name :	P7
Client Sample ID :	LCS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:55:28	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15082	15359	15692	15378	1.99	cps
Lead	207-1	14061	13787	13814	13887	1.09	cps
Lead	208-1	62330	62427	62931	62562	0.52	cps
Lithium	6-1	1207177	1218593	1219866	1215212	0.58	cps
Magnesium	24-2	406313	405829	408388	406844	0.33	cps
Manganese	55-2	6722	6438	6965	6708	3.93	cps
Molybdenum	94-1	40158	40817	40646	40540	0.84	cps
Molybdenum	95-1	48243	49303	49410	48985	1.32	cps
Molybdenum	96-1	53480	55030	55163	54558	1.71	cps
Molybdenum	97-1	30428	29750	30268	30149	1.18	cps
Molybdenum	98-1	77410	78332	79692	78478	1.46	cps
Neodymium	150-1	17	23	27	22	22.91	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	3280	2977	3050	3103	5.10	cps
Phosphorus	31-2	177	163	233	191	19.45	cps
Potassium	39-2	522754	518002	520839	520532	0.46	cps
Rhodium	103-1	7551859	7529349	7488574	7523261	0.43	cps
Rhodium	103-2	4258750	4226134	4222906	4235930	0.47	cps
Scandium	45-1	4393795	4471937	4412014	4425915	0.92	cps
Scandium	45-2	398334	399099	399145	398859	0.11	cps
Selenium	82-1	1910	1880	1927	1906	1.25	cps
Selenium	77-2	153	160	160	158	2.44	cps
Selenium	78-2	740	683	637	687	7.54	cps
Silicon	28-1	283915	283312	288780	285336	1.05	cps
Silver	107-1	22063	23549	23512	23042	3.68	cps
Silver	109-1	21152	21666	21997	21605	1.97	cps
Sodium	23-2	675258	678157	676091	676502	0.22	cps
Strontium	86-1	7172	7445	7532	7383	2.55	cps
Strontium	88-1	62278	63760	62830	62956	1.19	cps
Sulfur	34-1	175533	177572	177023	176709	0.60	cps
Terbium	159-1	10719301	10901907	10787968	10803059	0.85	cps
Terbium	159-2	6256703	6331529	6239165	6275799	0.78	cps
Thallium	203-1	17732	17575	17171	17492	1.65	cps
Thallium	205-1	41493	41931	42520	41981	1.23	cps
Tin	118-1	2677	2720	2600	2666	2.28	cps
Titanium	47-1	12665	12275	12502	12481	1.57	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BS	Instrumnet Name :	P7
Client Sample ID :	LCS585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:55:28	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53571	54039	54126	53912	0.55	cps
Vanadium	51-2	34823	35067	34670	34854	0.58	cps
Yttrium	89-1	13188824	13129354	13070308	13129495	0.45	cps
Yttrium	89-2	3186503	3163696	3142096	3164099	0.70	cps
Zinc	66-2	7489	7422	7218	7376	1.91	cps
Zirconium	90-1	34036	35005	34571	34537	1.41	cps
Zirconium	91-1	7519	7822	7959	7767	2.90	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:58:44	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4954	4951	5214	5040	3.00	cps
Antimony	121-1	18372	18575	18709	18552	0.92	cps
Arsenic	75-2	460	513	467	480	6.05	cps
Barium	135-1	23186	23914	23216	23438	1.76	cps
Barium	137-1	40133	40949	40695	40592	1.03	cps
Beryllium	9-1	1483	1472	1417	1457	2.45	cps
Bismuth	209-1	6682026	6679924	6733910	6698620	0.46	cps
Bismuth	209-2	4471063	4100276	4501740	4357693	5.13	cps
Bromine	81-1	10284	10310	10450	10348	0.87	cps
Bromine	81-2	80	57	97	78	25.83	cps
Cadmium	108-1	183	163	180	176	6.10	cps
Cadmium	106-1	2990	3034	3120	3048	2.17	cps
Cadmium	111-1	4242	4363	4378	4328	1.73	cps
Calcium	43-1	12849	13012	12952	12938	0.64	cps
Calcium	44-1	214812	217435	219528	217258	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8923	8789	8496	8736	2.50	cps
Cobalt	59-2	6098	6081	6115	6098	0.27	cps
Copper	63-2	10531	10114	9780	10141	3.71	cps
Dysprosium	156-1	453	363	437	418	11.46	cps
Dysprosium	156-2	107	90	77	91	16.50	cps
Erbium	164-1	60	80	70	70	14.29	cps
Erbium	164-2	30	30	30	30	0.00	cps
Gadolinium	160-1	40	30	53	41	28.47	cps
Gadolinium	160-2	260	250	290	267	7.81	cps
Holmium	165-1	10481638	10338742	10425860	10415413	0.69	cps
Holmium	165-2	6257963	5776356	6285014	6106444	4.69	cps
Indium	115-1	8017933	7902067	8061305	7993768	1.03	cps
Indium	115-2	2475355	2297551	2560922	2444609	5.50	cps
Iron	56-2	752452	723080	724725	733419	2.25	cps
Iron	57-2	19570	18822	19149	19180	1.95	cps
Iron	54-2	43352	41724	41751	42276	2.20	cps
Krypton	83-1	180	177	220	192	12.54	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:58:44	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8096	8286	8416	8266	1.95	cps
Lead	207-1	7622	7272	7125	7340	3.48	cps
Lead	208-1	32826	32966	33400	33064	0.91	cps
Lithium	6-1	1204042	1227936	1216398	1216125	0.98	cps
Magnesium	24-2	202158	200864	198982	200668	0.80	cps
Manganese	55-2	4134	3704	3607	3815	7.36	cps
Molybdenum	94-1	20184	19980	20057	20074	0.51	cps
Molybdenum	95-1	23309	24437	24841	24196	3.28	cps
Molybdenum	96-1	27082	27636	26354	27024	2.38	cps
Molybdenum	97-1	14494	15408	15699	15200	4.14	cps
Molybdenum	98-1	38454	38858	39570	38961	1.45	cps
Neodymium	150-1	10	20	40	23	65.47	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	1623	1577	1687	1629	3.39	cps
Phosphorus	31-2	140	217	147	168	25.31	cps
Potassium	39-2	277609	277962	276669	277413	0.24	cps
Rhodium	103-1	7427728	7281017	7347284	7352010	1.00	cps
Rhodium	103-2	4125058	3856005	4255224	4078762	4.99	cps
Scandium	45-1	4368500	4336240	4334993	4346578	0.44	cps
Scandium	45-2	394072	363991	400477	386180	5.04	cps
Selenium	82-1	1092	1133	1083	1102	2.45	cps
Selenium	77-2	103	53	40	66	50.93	cps
Selenium	78-2	550	467	527	514	8.36	cps
Silicon	28-1	234158	237614	239750	237174	1.19	cps
Silver	107-1	11378	11468	11565	11470	0.81	cps
Silver	109-1	10350	10574	11465	10796	5.46	cps
Sodium	23-2	347468	348888	346074	347476	0.40	cps
Strontium	86-1	4201	4131	4177	4170	0.86	cps
Strontium	88-1	34367	34056	34741	34388	1.00	cps
Sulfur	34-1	175279	176082	176449	175937	0.34	cps
Terbium	159-1	10654914	10601382	10642916	10633071	0.26	cps
Terbium	159-2	6156039	5786752	6301317	6081369	4.36	cps
Thallium	203-1	8296	9143	8319	8586	5.62	cps
Thallium	205-1	21063	20916	21173	21051	0.61	cps
Tin	118-1	2417	2587	2484	2496	3.43	cps
Titanium	47-1	5958	6208	6371	6179	3.37	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164585BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD585	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 15:58:44	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25959	26941	26516	26472	1.86	cps
Vanadium	51-2	16943	16900	16960	16934	0.18	cps
Yttrium	89-1	12929556	12837466	13049327	12938783	0.82	cps
Yttrium	89-2	3041317	2896197	3156572	3031362	4.30	cps
Zinc	66-2	4051	3721	4057	3943	4.88	cps
Zirconium	90-1	17364	17010	17330	17235	1.13	cps
Zirconium	91-1	3751	3761	4011	3841	3.84	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BL	Instrumnet Name :	P7
Client Sample ID :	PBS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:01:58	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	777	627	727	710	10.76	cps
Antimony	121-1	307	330	350	329	6.60	cps
Arsenic	75-2	10	7	10	9	21.63	cps
Barium	135-1	307	370	313	330	10.55	cps
Barium	137-1	553	460	457	490	11.20	cps
Beryllium	9-1	94	28	50	57	59.13	cps
Bismuth	209-1	6498630	6538402	6595260	6544097	0.74	cps
Bismuth	209-2	4386399	4405172	4359927	4383833	0.52	cps
Bromine	81-1	10561	10467	10394	10474	0.80	cps
Bromine	81-2	73	63	47	61	22.04	cps
Cadmium	108-1	13	13	3	10	57.75	cps
Cadmium	106-1	3017	2927	2827	2924	3.25	cps
Cadmium	111-1	2149	2106	2030	2095	2.89	cps
Calcium	43-1	383	457	450	430	9.43	cps
Calcium	44-1	12426	12409	11955	12263	2.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	627	697	550	624	11.75	cps
Cobalt	59-2	203	187	157	182	12.98	cps
Copper	63-2	1457	1347	1493	1432	5.33	cps
Dysprosium	156-1	473	420	450	448	5.97	cps
Dysprosium	156-2	83	60	110	84	29.63	cps
Erbium	164-1	60	50	77	62	21.65	cps
Erbium	164-2	33	27	27	29	13.31	cps
Gadolinium	160-1	27	37	30	31	16.37	cps
Gadolinium	160-2	267	243	207	239	12.66	cps
Holmium	165-1	10342916	10313350	10345757	10334008	0.17	cps
Holmium	165-2	6160590	6096843	6037786	6098406	1.01	cps
Indium	115-1	7920552	7809089	7964262	7897968	1.01	cps
Indium	115-2	2468447	2440267	2443953	2450889	0.62	cps
Iron	56-2	24580	23836	24233	24216	1.54	cps
Iron	57-2	1347	1350	1280	1326	2.98	cps
Iron	54-2	2360	2324	2250	2311	2.42	cps
Krypton	83-1	217	220	227	221	2.30	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BL	Instrumnet Name :	P7
Client Sample ID :	PBS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:01:58	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1260	1337	1237	1278	4.09	cps
Lead	207-1	1107	1223	1027	1119	8.84	cps
Lead	208-1	4904	5184	4764	4950	4.32	cps
Lithium	6-1	1188670	1213640	1221937	1208082	1.43	cps
Magnesium	24-2	2607	2547	2647	2600	1.94	cps
Manganese	55-2	633	660	597	630	5.05	cps
Molybdenum	94-1	817	807	693	772	8.87	cps
Molybdenum	95-1	697	690	693	693	0.48	cps
Molybdenum	96-1	910	963	780	884	10.66	cps
Molybdenum	97-1	440	460	477	459	4.00	cps
Molybdenum	98-1	1090	1263	1153	1169	7.50	cps
Neodymium	150-1	10	13	7	10	33.30	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	107	113	67	96	26.41	cps
Phosphorus	31-2	160	153	147	153	4.35	cps
Potassium	39-2	46845	45983	46902	46577	1.11	cps
Rhodium	103-1	7334424	7451853	7310896	7365724	1.03	cps
Rhodium	103-2	4117583	4106705	4125233	4116507	0.23	cps
Scandium	45-1	4301555	4378324	4304652	4328177	1.00	cps
Scandium	45-2	389299	388200	386308	387936	0.39	cps
Selenium	82-1	331	326	318	325	2.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	243	223	243	237	4.88	cps
Silicon	28-1	190381	192646	192342	191790	0.64	cps
Silver	107-1	350	343	260	318	15.78	cps
Silver	109-1	353	260	253	289	19.35	cps
Sodium	23-2	29689	28794	29448	29310	1.58	cps
Strontium	86-1	1140	1110	1010	1087	6.26	cps
Strontium	88-1	7012	7052	6215	6759	6.98	cps
Sulfur	34-1	177022	178179	177437	177546	0.33	cps
Terbium	159-1	10592087	10514388	10608085	10571520	0.47	cps
Terbium	159-2	6068670	6033031	6068144	6056615	0.34	cps
Thallium	203-1	373	333	367	358	5.99	cps
Thallium	205-1	913	837	823	858	5.66	cps
Tin	118-1	2334	2320	2144	2266	4.68	cps
Titanium	47-1	260	243	190	231	15.82	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BL	Instrumnet Name :	P7
Client Sample ID :	PBS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:01:58	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	343	320	267	310	12.68	cps
Vanadium	51-2	37	47	33	39	17.85	cps
Yttrium	89-1	12887839	12749631	12752778	12796749	0.62	cps
Yttrium	89-2	3065493	3034193	3036019	3045235	0.58	cps
Zinc	66-2	513	610	467	530	13.79	cps
Zirconium	90-1	790	1007	973	923	12.64	cps
Zirconium	91-1	173	190	200	188	7.17	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BS	Instrumnet Name :	P7
Client Sample ID :	LCS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:05:16	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9820	9450	9680	9650	1.94	cps
Antimony	121-1	36740	37155	37168	37021	0.66	cps
Arsenic	75-2	917	963	1027	969	5.70	cps
Barium	135-1	47365	47084	47803	47417	0.76	cps
Barium	137-1	81931	80416	81703	81350	1.00	cps
Beryllium	9-1	2778	2989	2889	2885	3.66	cps
Bismuth	209-1	6483833	6617758	6521107	6540899	1.06	cps
Bismuth	209-2	4409959	4418637	4431041	4419879	0.24	cps
Bromine	81-1	9703	9620	10100	9808	2.62	cps
Bromine	81-2	70	70	110	83	27.71	cps
Cadmium	108-1	397	343	340	360	8.83	cps
Cadmium	106-1	3237	3160	3160	3186	1.39	cps
Cadmium	111-1	6626	6449	6582	6552	1.40	cps
Calcium	43-1	26213	25852	26199	26088	0.78	cps
Calcium	44-1	427673	430705	431215	429864	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16926	17046	16940	16971	0.39	cps
Cobalt	59-2	12308	11982	12318	12203	1.57	cps
Copper	63-2	18632	18411	18411	18485	0.69	cps
Dysprosium	156-1	467	430	407	434	6.96	cps
Dysprosium	156-2	77	83	113	91	21.44	cps
Erbium	164-1	73	57	63	64	13.01	cps
Erbium	164-2	50	37	33	40	22.05	cps
Gadolinium	160-1	53	60	33	49	28.39	cps
Gadolinium	160-2	250	313	270	278	11.66	cps
Holmium	165-1	10346195	10327247	10285003	10319482	0.30	cps
Holmium	165-2	6130508	6198792	6117679	6148993	0.71	cps
Indium	115-1	7964512	7877071	7882713	7908099	0.62	cps
Indium	115-2	2461559	2461332	2506382	2476424	1.05	cps
Iron	56-2	1414266	1412051	1416652	1414323	0.16	cps
Iron	57-2	37640	37099	36989	37243	0.94	cps
Iron	54-2	81479	81435	81134	81349	0.23	cps
Krypton	83-1	230	223	173	209	14.83	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BS	Instrumnet Name :	P7
Client Sample ID :	LCS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:05:16	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15699	15419	15052	15390	2.11	cps
Lead	207-1	12826	13123	12923	12957	1.17	cps
Lead	208-1	59851	60553	59638	60014	0.80	cps
Lithium	6-1	1204844	1204552	1206221	1205205	0.07	cps
Magnesium	24-2	401323	403523	405180	403342	0.48	cps
Manganese	55-2	6395	6618	6531	6515	1.73	cps
Molybdenum	94-1	38925	39196	40439	39520	2.04	cps
Molybdenum	95-1	47366	48035	49544	48315	2.31	cps
Molybdenum	96-1	53427	53223	53725	53458	0.47	cps
Molybdenum	97-1	29957	30044	30241	30081	0.48	cps
Molybdenum	98-1	77048	76599	78318	77322	1.15	cps
Neodymium	150-1	20	10	10	13	43.30	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	3030	3270	3274	3191	4.37	cps
Phosphorus	31-2	127	173	147	149	15.73	cps
Potassium	39-2	516901	516676	518612	517396	0.20	cps
Rhodium	103-1	7387234	7202099	7380936	7323423	1.44	cps
Rhodium	103-2	4107846	4110829	4149919	4122864	0.57	cps
Scandium	45-1	4325926	4291914	4368360	4328733	0.88	cps
Scandium	45-2	396228	392124	397601	395318	0.72	cps
Selenium	82-1	1836	1819	1824	1826	0.47	cps
Selenium	77-2	137	143	120	133	9.02	cps
Selenium	78-2	733	707	673	704	4.27	cps
Silicon	28-1	281841	282425	283161	282475	0.23	cps
Silver	107-1	22070	22791	22705	22522	1.75	cps
Silver	109-1	20808	21065	21796	21223	2.42	cps
Sodium	23-2	665429	671621	668742	668597	0.46	cps
Strontium	86-1	7235	7389	7162	7262	1.59	cps
Strontium	88-1	60246	60654	61023	60641	0.64	cps
Sulfur	34-1	177296	173405	177080	175927	1.24	cps
Terbium	159-1	10688882	10699998	10734698	10707859	0.22	cps
Terbium	159-2	6052447	6209967	6153298	6138571	1.30	cps
Thallium	203-1	16847	16887	16907	16881	0.18	cps
Thallium	205-1	40560	40844	41262	40889	0.86	cps
Tin	118-1	2294	2280	2610	2395	7.80	cps
Titanium	47-1	12268	12222	12569	12353	1.52	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BS	Instrumnet Name :	P7
Client Sample ID :	LCS596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:05:16	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53283	52981	53132	53132	0.28	cps
Vanadium	51-2	34740	34446	34924	34703	0.69	cps
Yttrium	89-1	12817724	12684668	12877536	12793309	0.77	cps
Yttrium	89-2	3049028	3072682	3082284	3067998	0.56	cps
Zinc	66-2	7275	7409	7258	7314	1.12	cps
Zirconium	90-1	33993	34273	34163	34143	0.41	cps
Zirconium	91-1	7639	7649	7569	7619	0.57	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:08:29	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4827	4897	5118	4948	3.06	cps
Antimony	121-1	17841	17761	18649	18084	2.72	cps
Arsenic	75-2	473	420	510	468	9.68	cps
Barium	135-1	23426	23890	23359	23558	1.23	cps
Barium	137-1	39414	39739	40705	39953	1.68	cps
Beryllium	9-1	1567	1483	1400	1483	5.62	cps
Bismuth	209-1	6646687	6690766	6603793	6647082	0.65	cps
Bismuth	209-2	4551834	4484986	4499055	4511958	0.78	cps
Bromine	81-1	10040	9423	9670	9711	3.20	cps
Bromine	81-2	77	60	57	64	16.63	cps
Cadmium	108-1	193	153	167	171	11.90	cps
Cadmium	106-1	2874	2997	2904	2925	2.20	cps
Cadmium	111-1	4143	4191	4279	4204	1.65	cps
Calcium	43-1	12832	13109	13216	13052	1.52	cps
Calcium	44-1	213923	217229	218940	216698	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8402	8482	8496	8460	0.60	cps
Cobalt	59-2	6078	5865	5905	5949	1.91	cps
Copper	63-2	9980	10067	9506	9851	3.06	cps
Dysprosium	156-1	460	347	357	388	16.18	cps
Dysprosium	156-2	113	90	123	109	15.71	cps
Erbium	164-1	50	60	63	58	12.01	cps
Erbium	164-2	40	20	53	38	44.41	cps
Gadolinium	160-1	43	37	57	46	22.36	cps
Gadolinium	160-2	213	240	250	234	8.08	cps
Holmium	165-1	10489378	10516161	10366421	10457320	0.76	cps
Holmium	165-2	6320528	6267895	6247078	6278501	0.60	cps
Indium	115-1	7876812	7926679	7980029	7927840	0.65	cps
Indium	115-2	2494108	2531759	2469720	2498529	1.25	cps
Iron	56-2	727764	726408	720528	724900	0.53	cps
Iron	57-2	18839	19102	18645	18862	1.22	cps
Iron	54-2	41022	41350	40895	41089	0.57	cps
Krypton	83-1	187	213	230	210	10.41	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:08:29	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7872	8122	8249	8081	2.37	cps
Lead	207-1	7092	7105	7039	7079	0.50	cps
Lead	208-1	31534	32439	32616	32196	1.80	cps
Lithium	6-1	1202034	1225259	1176326	1201206	2.04	cps
Magnesium	24-2	200519	198969	200803	200097	0.49	cps
Manganese	55-2	3761	3644	3720	3708	1.60	cps
Molybdenum	94-1	19720	19857	19957	19845	0.60	cps
Molybdenum	95-1	24020	23632	23839	23831	0.81	cps
Molybdenum	96-1	25890	26481	26765	26378	1.69	cps
Molybdenum	97-1	14677	14981	15111	14923	1.49	cps
Molybdenum	98-1	38384	38898	38651	38644	0.67	cps
Neodymium	150-1	13	20	17	17	20.01	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	1523	1617	1590	1577	3.05	cps
Phosphorus	31-2	207	207	173	196	9.84	cps
Potassium	39-2	278539	276066	278087	277564	0.47	cps
Rhodium	103-1	7457327	7362180	7388287	7402598	0.66	cps
Rhodium	103-2	4227029	4153094	4158919	4179681	0.98	cps
Scandium	45-1	4342728	4319213	4361339	4341093	0.49	cps
Scandium	45-2	398366	402397	395833	398865	0.83	cps
Selenium	82-1	1107	1102	1102	1104	0.28	cps
Selenium	77-2	53	57	103	71	39.32	cps
Selenium	78-2	503	490	477	490	2.72	cps
Silicon	28-1	234847	235072	236312	235410	0.34	cps
Silver	107-1	11198	11385	11438	11340	1.11	cps
Silver	109-1	10554	10641	10994	10730	2.17	cps
Sodium	23-2	342467	343657	342652	342925	0.19	cps
Strontium	86-1	4187	4104	3991	4094	2.41	cps
Strontium	88-1	33742	33481	33017	33414	1.10	cps
Sulfur	34-1	173860	172745	172912	173172	0.35	cps
Terbium	159-1	10543680	10530085	10553575	10542447	0.11	cps
Terbium	159-2	6222134	6241324	6129301	6197587	0.97	cps
Thallium	203-1	8616	8696	8559	8624	0.80	cps
Thallium	205-1	19998	19891	20195	20028	0.77	cps
Tin	118-1	2367	2394	2437	2399	1.47	cps
Titanium	47-1	5921	6368	6168	6152	3.64	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164596BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD596	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:08:29	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26079	26223	26390	26230	0.59	cps
Vanadium	51-2	16933	17223	16890	17015	1.07	cps
Yttrium	89-1	12876493	12781469	13010691	12889551	0.89	cps
Yttrium	89-2	3146857	3107096	3114595	3122849	0.68	cps
Zinc	66-2	4041	4021	3864	3975	2.43	cps
Zirconium	90-1	17033	16987	17270	17097	0.89	cps
Zirconium	91-1	3827	3824	3624	3758	3.10	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01RE	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:11:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8505095	8539507	8511931	8518844	0.21	cps
Antimony	121-1	38849	39060	39858	39256	1.36	cps
Arsenic	75-2	64014	64630	64613	64419	0.54	cps
Barium	135-1	1332030	1345354	1370316	1349234	1.44	cps
Barium	137-1	2502373	2520300	2523727	2515467	0.46	cps
Beryllium	9-1	2372	2328	2289	2330	1.79	cps
Bismuth	209-1	6697447	6676448	6696573	6690156	0.18	cps
Bismuth	209-2	4532188	4400406	4465922	4466172	1.48	cps
Bromine	81-1	12809	12605	12539	12651	1.11	cps
Bromine	81-2	677	613	670	653	5.33	cps
Cadmium	108-1	560	513	560	544	4.95	cps
Cadmium	106-1	3857	3757	3681	3765	2.35	cps
Cadmium	111-1	7292	7072	7182	7182	1.54	cps
Calcium	43-1	230504	234043	232253	232267	0.76	cps
Calcium	44-1	3526169	3545715	3504137	3525340	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	411378	410199	409659	410412	0.21	cps
Cobalt	59-2	334273	329270	331808	331784	0.75	cps
Copper	63-2	1166949	1154062	1162153	1161054	0.56	cps
Dysprosium	156-1	84318	84042	83707	84023	0.36	cps
Dysprosium	156-2	62317	62559	61363	62080	1.02	cps
Erbium	164-1	61150	61775	61869	61598	0.64	cps
Erbium	164-2	36043	37116	36424	36528	1.49	cps
Gadolinium	160-1	73602	75472	75392	74822	1.41	cps
Gadolinium	160-2	47266	47172	47962	47467	0.91	cps
Holmium	165-1	10875632	10718171	10705609	10766471	0.88	cps
Holmium	165-2	6463748	6339000	6477779	6426843	1.19	cps
Indium	115-1	7965147	7981331	7912137	7952872	0.46	cps
Indium	115-2	2475809	2499038	2476301	2483716	0.53	cps
Iron	56-2	363840048	361509821	362357595	362569155	0.33	cps
Iron	57-2	8916920	8911661	8943954	8924178	0.19	cps
Iron	54-2	19812331	19816240	19725860	19784810	0.26	cps
Krypton	83-1	317	280	287	294	6.63	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01RE	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:11:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	619596	629121	636402	628373	1.34	cps
Lead	207-1	550509	554093	558723	554442	0.74	cps
Lead	208-1	2476491	2511254	2548017	2511921	1.42	cps
Lithium	6-1	1225676	1216061	1237413	1226383	0.87	cps
Magnesium	24-2	7775905	7753471	7761174	7763517	0.15	cps
Manganese	55-2	8347381	8320760	8305422	8324521	0.26	cps
Molybdenum	94-1	80607	80389	81501	80832	0.73	cps
Molybdenum	95-1	8216	8939	8879	8678	4.63	cps
Molybdenum	96-1	27389	27038	27379	27269	0.73	cps
Molybdenum	97-1	5338	5454	5624	5472	2.64	cps
Molybdenum	98-1	13249	14157	14037	13814	3.57	cps
Neodymium	150-1	157445	159696	159609	158917	0.80	cps
Neodymium	150-2	81041	81507	80592	81047	0.56	cps
Nickel	60-2	161267	161391	162062	161573	0.26	cps
Phosphorus	31-2	25131	25064	24984	25059	0.29	cps
Potassium	39-2	3758726	3728924	3756498	3748049	0.44	cps
Rhodium	103-1	7424009	7381725	7327353	7377696	0.66	cps
Rhodium	103-2	4126917	4176271	4168973	4157387	0.64	cps
Scandium	45-1	4789873	4722171	4661869	4724638	1.36	cps
Scandium	45-2	427070	429325	431682	429359	0.54	cps
Selenium	82-1	550	594	579	574	3.90	cps
Selenium	77-2	383	263	250	299	24.57	cps
Selenium	78-2	427	480	393	433	10.09	cps
Silicon	28-1	21447414	22412398	21625331	21828381	2.35	cps
Silver	107-1	7549	7389	6988	7309	3.95	cps
Silver	109-1	7122	6638	6872	6877	3.52	cps
Sodium	23-2	157543	157685	158411	157880	0.30	cps
Strontium	86-1	270059	271749	275188	272332	0.96	cps
Strontium	88-1	2447640	2439756	2469397	2452265	0.63	cps
Sulfur	34-1	178489	177296	169546	175110	2.77	cps
Terbium	159-1	10939555	10945189	10971607	10952117	0.16	cps
Terbium	159-2	6366661	6361910	6429489	6386020	0.59	cps
Thallium	203-1	5194	5301	5284	5260	1.09	cps
Thallium	205-1	12269	12369	12839	12492	2.44	cps
Tin	118-1	24932	25857	25593	25460	1.87	cps
Titanium	47-1	1282919	1308427	1284804	1292050	1.10	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01RE	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:11:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40083	40344	41020	40482	1.19	cps
Vanadium	51-2	741285	737895	737903	739028	0.26	cps
Yttrium	89-1	14101229	13944111	13936498	13993946	0.66	cps
Yttrium	89-2	3335813	3306437	3379193	3340481	1.10	cps
Zinc	66-2	202291	199247	201267	200935	0.77	cps
Zirconium	90-1	207215	207401	207843	207486	0.16	cps
Zirconium	91-1	45510	47079	46450	46346	1.70	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:14:50	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8787763	8653558	8590275	8677199	1.16	cps
Antimony	121-1	40945	41413	42422	41593	1.82	cps
Arsenic	75-2	68718	68654	68638	68670	0.06	cps
Barium	135-1	1327324	1349040	1362780	1346381	1.33	cps
Barium	137-1	2501009	2510001	2490083	2500365	0.40	cps
Beryllium	9-1	2372	2367	2406	2382	0.88	cps
Bismuth	209-1	6808001	6771829	6704003	6761278	0.78	cps
Bismuth	209-2	4492562	4420053	4398949	4437188	1.11	cps
Bromine	81-1	12345	13166	13179	12897	3.70	cps
Bromine	81-2	670	753	697	707	6.02	cps
Cadmium	108-1	590	613	570	591	3.67	cps
Cadmium	106-1	3921	3744	4014	3893	3.52	cps
Cadmium	111-1	7006	7162	7252	7140	1.74	cps
Calcium	43-1	228154	232974	235526	232218	1.61	cps
Calcium	44-1	3487577	3489940	3534125	3503881	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	412339	408728	408063	409710	0.56	cps
Cobalt	59-2	336933	338893	336429	337418	0.39	cps
Copper	63-2	1183110	1184448	1180273	1182610	0.18	cps
Dysprosium	156-1	84583	84734	86410	85242	1.19	cps
Dysprosium	156-2	62190	63352	62646	62729	0.93	cps
Erbium	164-1	61240	62381	63778	62467	2.03	cps
Erbium	164-2	36414	36945	36655	36671	0.73	cps
Gadolinium	160-1	75096	76390	75971	75819	0.87	cps
Gadolinium	160-2	48651	47755	47912	48106	0.99	cps
Holmium	165-1	10730048	10762322	10637688	10710019	0.60	cps
Holmium	165-2	6304534	6375925	6319956	6333472	0.59	cps
Indium	115-1	7949897	8075689	7984630	8003405	0.81	cps
Indium	115-2	2464637	2500422	2491939	2485666	0.75	cps
Iron	56-2	370122661	370607434	370667488	370465861	0.08	cps
Iron	57-2	9178580	9185066	9040512	9134719	0.89	cps
Iron	54-2	20191926	20176211	20154076	20174071	0.09	cps
Krypton	83-1	290	280	293	288	2.41	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:14:50	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	630485	636636	641209	636110	0.85	cps
Lead	207-1	547870	560290	561318	556493	1.35	cps
Lead	208-1	2506934	2544743	2544024	2531900	0.85	cps
Lithium	6-1	1244469	1254244	1272907	1257207	1.15	cps
Magnesium	24-2	7800968	7845121	7795203	7813764	0.35	cps
Manganese	55-2	8208227	8281278	8192193	8227233	0.58	cps
Molybdenum	94-1	78583	81103	83144	80943	2.82	cps
Molybdenum	95-1	8633	8773	9326	8911	4.12	cps
Molybdenum	96-1	26170	27459	27626	27085	2.94	cps
Molybdenum	97-1	5348	5691	5534	5524	3.11	cps
Molybdenum	98-1	13380	13683	13860	13641	1.78	cps
Neodymium	150-1	158368	160892	162177	160479	1.21	cps
Neodymium	150-2	82033	82269	81748	82017	0.32	cps
Nickel	60-2	164646	163312	162853	163604	0.57	cps
Phosphorus	31-2	25645	26015	26279	25980	1.23	cps
Potassium	39-2	3784397	3784046	3768295	3778912	0.24	cps
Rhodium	103-1	7272753	7359496	7201819	7278023	1.09	cps
Rhodium	103-2	4163937	4138672	4100284	4134298	0.78	cps
Scandium	45-1	4687683	4726684	4714197	4709521	0.42	cps
Scandium	45-2	429833	427240	424250	427108	0.65	cps
Selenium	82-1	563	590	582	579	2.42	cps
Selenium	77-2	257	300	283	280	7.81	cps
Selenium	78-2	390	477	487	451	11.78	cps
Silicon	28-1	20116494	20412918	20722420	20417277	1.48	cps
Silver	107-1	6912	6965	7279	7052	2.81	cps
Silver	109-1	6188	6592	6642	6474	3.84	cps
Sodium	23-2	148585	147441	149175	148400	0.59	cps
Strontium	86-1	270856	275847	280831	275845	1.81	cps
Strontium	88-1	2427628	2482616	2479412	2463219	1.25	cps
Sulfur	34-1	164430	162662	162932	163341	0.58	cps
Terbium	159-1	11067370	11177047	10900612	11048343	1.26	cps
Terbium	159-2	6325896	6362962	6291778	6326879	0.56	cps
Thallium	203-1	5088	5501	5334	5308	3.92	cps
Thallium	205-1	12539	12693	12986	12739	1.78	cps
Tin	118-1	24421	26287	26454	25721	4.39	cps
Titanium	47-1	1298789	1311039	1317042	1308957	0.71	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:14:50	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39645	41123	40859	40543	1.94	cps
Vanadium	51-2	753282	754464	750431	752726	0.28	cps
Yttrium	89-1	13827959	13958946	13982746	13923217	0.60	cps
Yttrium	89-2	3310447	3389903	3333270	3344540	1.22	cps
Zinc	66-2	203321	203896	204573	203930	0.31	cps
Zirconium	90-1	201333	207345	206356	205012	1.57	cps
Zirconium	91-1	45383	46945	47028	46452	1.99	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 16:17:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1635263	1602655	1567997	1601972	2.10	cps
Antimony	121-1	7609	7869	7952	7810	2.29	cps
Arsenic	75-2	12122	12582	12032	12245	2.41	cps
Barium	135-1	252627	254442	258937	255335	1.27	cps
Barium	137-1	437801	444213	445391	442468	0.92	cps
Beryllium	9-1	444	478	367	430	13.27	cps
Bismuth	209-1	6712723	6689497	6712557	6704926	0.20	cps
Bismuth	209-2	4468877	4377846	4633875	4493533	2.89	cps
Bromine	81-1	10127	10450	10394	10324	1.67	cps
Bromine	81-2	167	173	193	178	7.81	cps
Cadmium	108-1	123	130	123	126	3.06	cps
Cadmium	106-1	2964	2924	2894	2927	1.20	cps
Cadmium	111-1	2958	2902	2963	2941	1.14	cps
Calcium	43-1	43355	44391	43278	43675	1.42	cps
Calcium	44-1	703075	710901	716336	710104	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76533	77625	77300	77152	0.73	cps
Cobalt	59-2	62767	62985	62124	62625	0.71	cps
Copper	63-2	225371	224747	222314	224144	0.72	cps
Dysprosium	156-1	16169	16697	16196	16354	1.82	cps
Dysprosium	156-2	11545	11865	12292	11901	3.15	cps
Erbium	164-1	11135	11605	11582	11440	2.32	cps
Erbium	164-2	6825	6868	7272	6988	3.53	cps
Gadolinium	160-1	13927	14137	13660	13908	1.72	cps
Gadolinium	160-2	9580	9043	9323	9315	2.88	cps
Holmium	165-1	10624611	10478283	10510309	10537734	0.73	cps
Holmium	165-2	6248699	6219761	6500025	6322828	2.44	cps
Indium	115-1	7878703	7929716	7988985	7932468	0.70	cps
Indium	115-2	2409457	2387478	2521414	2439450	2.94	cps
Iron	56-2	68613714	68390796	67738602	68247704	0.67	cps
Iron	57-2	1708107	1693598	1692566	1698090	0.51	cps
Iron	54-2	3727581	3759680	3778620	3755294	0.69	cps
Krypton	83-1	253	233	237	241	4.44	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 16:17:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	120203	122026	123411	121880	1.32	cps
Lead	207-1	104985	107860	105647	106164	1.42	cps
Lead	208-1	478881	485752	486666	483766	0.88	cps
Lithium	6-1	1260064	1244480	1242934	1249159	0.76	cps
Magnesium	24-2	1473410	1435583	1439699	1449564	1.43	cps
Manganese	55-2	1582433	1585422	1578778	1582211	0.21	cps
Molybdenum	94-1	15485	15632	16112	15743	2.08	cps
Molybdenum	95-1	2220	2160	2227	2202	1.67	cps
Molybdenum	96-1	5394	5208	5638	5413	3.98	cps
Molybdenum	97-1	1257	1237	1370	1288	5.58	cps
Molybdenum	98-1	3184	3287	3550	3340	5.66	cps
Neodymium	150-1	29611	30095	30259	29989	1.12	cps
Neodymium	150-2	15315	15442	15495	15417	0.60	cps
Nickel	60-2	30621	30377	30715	30571	0.57	cps
Phosphorus	31-2	4774	4834	4821	4810	0.66	cps
Potassium	39-2	784227	778821	783144	782064	0.37	cps
Rhodium	103-1	7333231	7211978	7308966	7284725	0.88	cps
Rhodium	103-2	4094073	4047544	4220029	4120548	2.17	cps
Scandium	45-1	4260522	4384868	4309781	4318391	1.45	cps
Scandium	45-2	397464	387988	403762	396405	2.00	cps
Selenium	82-1	365	433	413	404	8.66	cps
Selenium	77-2	47	67	40	51	27.15	cps
Selenium	78-2	283	263	250	266	6.32	cps
Silicon	28-1	4188808	4205926	4217618	4204117	0.34	cps
Silver	107-1	1483	1387	1550	1473	5.57	cps
Silver	109-1	1400	1450	1393	1415	2.19	cps
Sodium	23-2	55663	55734	56597	55998	0.93	cps
Strontium	86-1	50680	52533	52513	51909	2.05	cps
Strontium	88-1	444459	451148	452674	449427	0.97	cps
Sulfur	34-1	151320	151981	149159	150820	0.98	cps
Terbium	159-1	10547717	10826987	10635387	10670030	1.34	cps
Terbium	159-2	6257642	6148810	6353217	6253223	1.64	cps
Thallium	203-1	1367	1193	1380	1313	7.93	cps
Thallium	205-1	3077	3150	3290	3173	3.42	cps
Tin	118-1	6828	6955	7275	7020	3.28	cps
Titanium	47-1	240258	243278	245490	243008	1.08	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 16:17:57	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7536	8036	7996	7856	3.54	cps
Vanadium	51-2	137655	138324	139286	138421	0.59	cps
Yttrium	89-1	12794185	13031623	12957612	12927807	0.94	cps
Yttrium	89-2	3130864	3064336	3174081	3123094	1.77	cps
Zinc	66-2	39913	39783	39231	39643	0.91	cps
Zirconium	90-1	38457	38878	39670	39002	1.58	cps
Zirconium	91-1	8776	8943	8809	8843	1.00	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:21:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8626063	8565463	8476551	8556026	0.88	cps
Antimony	121-1	580324	595192	602619	592711	1.92	cps
Arsenic	75-2	74676	75846	75125	75216	0.78	cps
Barium	135-1	4452770	4522877	4625817	4533821	1.92	cps
Barium	137-1	7684902	7789427	7833739	7769356	0.98	cps
Beryllium	9-1	45004	44597	44904	44835	0.47	cps
Bismuth	209-1	6679882	6771267	6354466	6601872	3.32	cps
Bismuth	209-2	4431541	4419407	4467296	4439415	0.56	cps
Bromine	81-1	12412	12892	13016	12773	2.50	cps
Bromine	81-2	727	723	623	691	8.50	cps
Cadmium	108-1	5294	5304	5204	5268	1.05	cps
Cadmium	106-1	10514	9897	10210	10207	3.02	cps
Cadmium	111-1	77598	78442	78949	78330	0.87	cps
Calcium	43-1	221056	226180	226440	224559	1.35	cps
Calcium	44-1	3323279	3394182	3416403	3377955	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	876273	874895	866239	872469	0.62	cps
Cobalt	59-2	2136603	2118924	2116307	2123945	0.52	cps
Copper	63-2	1818824	1796187	1803060	1806024	0.64	cps
Dysprosium	156-1	80425	82899	83010	82111	1.78	cps
Dysprosium	156-2	61427	60118	61306	60950	1.19	cps
Erbium	164-1	59442	59841	59837	59707	0.38	cps
Erbium	164-2	35782	35592	35632	35669	0.28	cps
Gadolinium	160-1	72171	73873	75552	73865	2.29	cps
Gadolinium	160-2	47012	46403	45992	46469	1.10	cps
Holmium	165-1	10808721	10625296	10168013	10534010	3.13	cps
Holmium	165-2	6339114	6292982	6249518	6293872	0.71	cps
Indium	115-1	7848542	7965696	7697049	7837096	1.72	cps
Indium	115-2	2479422	2510953	2460374	2483583	1.03	cps
Iron	56-2	355661741	354551768	353717435	354643648	0.28	cps
Iron	57-2	8847197	8766969	8702551	8772239	0.83	cps
Iron	54-2	19445134	19600778	19357006	19467639	0.63	cps
Krypton	83-1	263	243	310	272	12.57	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:21:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	681014	694707	711039	695587	2.16	cps
Lead	207-1	606976	620269	616393	614546	1.11	cps
Lead	208-1	2735697	2787755	2823617	2782356	1.59	cps
Lithium	6-1	1237409	1205961	1185715	1209695	2.15	cps
Magnesium	24-2	7482319	7549518	7493679	7508505	0.48	cps
Manganese	55-2	9039543	8932674	8915263	8962493	0.75	cps
Molybdenum	94-1	76364	79286	79293	78315	2.16	cps
Molybdenum	95-1	8469	8679	8559	8569	1.23	cps
Molybdenum	96-1	25863	26374	26431	26222	1.19	cps
Molybdenum	97-1	5118	5264	5361	5248	2.34	cps
Molybdenum	98-1	13263	12912	13380	13185	1.84	cps
Neodymium	150-1	154278	155641	156339	155419	0.67	cps
Neodymium	150-2	79898	79523	78322	79248	1.04	cps
Nickel	60-2	600121	599329	597933	599128	0.18	cps
Phosphorus	31-2	25047	25264	24950	25087	0.64	cps
Potassium	39-2	3657552	3645148	3651951	3651550	0.17	cps
Rhodium	103-1	7226399	7280157	7048809	7185122	1.69	cps
Rhodium	103-2	4119145	4071072	4106425	4098880	0.61	cps
Scandium	45-1	4573188	4661000	4429966	4554718	2.56	cps
Scandium	45-2	422634	423541	422299	422824	0.15	cps
Selenium	82-1	10431	10680	10432	10514	1.37	cps
Selenium	77-2	1263	1190	1130	1195	5.59	cps
Selenium	78-2	3494	3617	3594	3568	1.84	cps
Silicon	28-1	20487523	20778375	20856940	20707613	0.94	cps
Silver	107-1	298665	303322	305755	302581	1.19	cps
Silver	109-1	279956	287226	290616	285933	1.90	cps
Sodium	23-2	131519	136782	133130	133810	2.02	cps
Strontium	86-1	261632	263511	269505	264883	1.55	cps
Strontium	88-1	2367422	2390337	2415986	2391248	1.02	cps
Sulfur	34-1	159816	159822	158246	159295	0.57	cps
Terbium	159-1	11075388	10978367	10373992	10809249	3.52	cps
Terbium	159-2	6255802	6297449	6208014	6253755	0.72	cps
Thallium	203-1	259633	264320	268658	264204	1.71	cps
Thallium	205-1	615943	632672	627163	625259	1.36	cps
Tin	118-1	24852	25399	25700	25317	1.70	cps
Titanium	47-1	1250136	1256984	1251525	1252882	0.29	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:21:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39030	39341	39742	39371	0.91	cps
Vanadium	51-2	1760540	1760048	1723986	1748192	1.20	cps
Yttrium	89-1	13713926	13864981	13472690	13683866	1.45	cps
Yttrium	89-2	3328004	3279767	3301986	3303252	0.73	cps
Zinc	66-2	395390	391139	389184	391904	0.81	cps
Zirconium	90-1	196216	199729	204756	200233	2.14	cps
Zirconium	91-1	44467	45544	45581	45197	1.40	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:24:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8972478	8940421	9050536	8987812	0.63	cps
Antimony	121-1	2734932	2794826	2814791	2781516	1.49	cps
Arsenic	75-2	112113	113534	112599	112749	0.64	cps
Barium	135-1	15593649	15836711	16055950	15828770	1.46	cps
Barium	137-1	26960675	27428689	27860903	27416756	1.64	cps
Beryllium	9-1	197751	199810	203783	200448	1.53	cps
Bismuth	209-1	6578028	6646021	6283684	6502577	2.96	cps
Bismuth	209-2	4353163	4331893	4414183	4366413	0.98	cps
Bromine	81-1	11902	12012	12499	12137	2.62	cps
Bromine	81-2	550	667	720	646	13.47	cps
Cadmium	108-1	21920	22394	22401	22238	1.24	cps
Cadmium	106-1	33258	33759	34053	33690	1.19	cps
Cadmium	111-1	333693	337898	340953	337514	1.08	cps
Calcium	43-1	208367	215163	219170	214233	2.55	cps
Calcium	44-1	3188604	3243757	3302746	3245036	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2540048	2536703	2573710	2550154	0.80	cps
Cobalt	59-2	8567504	8603164	8602456	8591041	0.24	cps
Copper	63-2	3924285	3963646	3981175	3956369	0.74	cps
Dysprosium	156-1	80288	80831	82497	81205	1.42	cps
Dysprosium	156-2	59392	60148	59472	59671	0.70	cps
Erbium	164-1	57625	58425	57554	57868	0.84	cps
Erbium	164-2	34175	34436	34165	34259	0.45	cps
Gadolinium	160-1	70017	71561	71367	70982	1.18	cps
Gadolinium	160-2	44985	45260	43811	44686	1.72	cps
Holmium	165-1	10503560	10710794	9990632	10401662	3.56	cps
Holmium	165-2	6173533	6172180	6170636	6172116	0.02	cps
Indium	115-1	7878149	7783645	7475492	7712429	2.73	cps
Indium	115-2	2393964	2398185	2392754	2394968	0.12	cps
Iron	56-2	347141128	349453648	349990928	348861901	0.43	cps
Iron	57-2	8510646	8658036	8583007	8583896	0.86	cps
Iron	54-2	19083765	19062132	19225322	19123740	0.46	cps
Krypton	83-1	287	277	330	298	9.52	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:24:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	980771	994132	991740	988881	0.72	cps
Lead	207-1	859326	884289	883991	875869	1.64	cps
Lead	208-1	4253503	4317587	4343975	4305022	1.08	cps
Lithium	6-1	1211862	1223695	1198171	1211243	1.05	cps
Magnesium	24-2	7082208	7131475	7045212	7086299	0.61	cps
Manganese	55-2	11689608	11765259	11744118	11732995	0.33	cps
Molybdenum	94-1	73801	75419	75801	75007	1.42	cps
Molybdenum	95-1	8009	8139	8576	8241	3.60	cps
Molybdenum	96-1	24888	25125	26133	25382	2.61	cps
Molybdenum	97-1	4667	4938	4914	4840	3.09	cps
Molybdenum	98-1	12782	13063	13133	12993	1.43	cps
Neodymium	150-1	147984	152808	152020	150937	1.71	cps
Neodymium	150-2	76871	75903	76362	76378	0.63	cps
Nickel	60-2	2291535	2289975	2298137	2293216	0.19	cps
Phosphorus	31-2	23755	23505	24019	23760	1.08	cps
Potassium	39-2	3456811	3487422	3463344	3469192	0.46	cps
Rhodium	103-1	7134113	7114340	6822531	7023661	2.48	cps
Rhodium	103-2	4010910	4047228	4028367	4028835	0.45	cps
Scandium	45-1	4527853	4537271	4311827	4458984	2.86	cps
Scandium	45-2	408202	409749	411407	409786	0.39	cps
Selenium	82-1	44732	46038	46353	45708	1.88	cps
Selenium	77-2	4441	4504	4544	4496	1.16	cps
Selenium	78-2	14554	14093	14344	14330	1.61	cps
Silicon	28-1	19507516	19898650	20158357	19854841	1.65	cps
Silver	107-1	1347394	1377623	1375885	1366967	1.24	cps
Silver	109-1	1279166	1306814	1303372	1296451	1.16	cps
Sodium	23-2	124401	125898	124330	124876	0.71	cps
Strontium	86-1	249880	254113	256528	253507	1.33	cps
Strontium	88-1	2268312	2287120	2329595	2295009	1.37	cps
Sulfur	34-1	155785	155374	156701	155953	0.44	cps
Terbium	159-1	10887224	10870700	10096712	10618212	4.25	cps
Terbium	159-2	6140624	6138614	6085964	6121734	0.51	cps
Thallium	203-1	1217794	1231159	1239866	1229606	0.90	cps
Thallium	205-1	3344397	3389702	3391672	3375257	0.79	cps
Tin	118-1	24187	24831	24541	24520	1.32	cps
Titanium	47-1	1194480	1219802	1228713	1214332	1.46	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:24:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38666	39244	39468	39126	1.06	cps
Vanadium	51-2	5382163	5370251	5373123	5375179	0.12	cps
Yttrium	89-1	13443281	13606774	12900620	13316892	2.78	cps
Yttrium	89-2	3221895	3208788	3261525	3230736	0.85	cps
Zinc	66-2	1083277	1086733	1084695	1084902	0.16	cps
Zirconium	90-1	189105	193375	197288	193256	2.12	cps
Zirconium	91-1	43504	43798	43775	43693	0.37	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:27:51	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8159415	8188571	8249430	8199139	0.56	cps
Antimony	121-1	38665	39929	39842	39478	1.79	cps
Arsenic	75-2	63933	63140	63150	63408	0.72	cps
Barium	135-1	1285437	1320214	1313161	1306270	1.41	cps
Barium	137-1	2356042	2439304	2439452	2411599	2.00	cps
Beryllium	9-1	2267	2250	2445	2321	4.64	cps
Bismuth	209-1	6523293	6394924	6416256	6444824	1.07	cps
Bismuth	209-2	4391623	4297178	4291226	4326676	1.30	cps
Bromine	81-1	11978	12912	13106	12666	4.76	cps
Bromine	81-2	723	740	713	726	1.86	cps
Cadmium	108-1	557	523	423	501	13.85	cps
Cadmium	106-1	3524	3637	3547	3569	1.68	cps
Cadmium	111-1	6991	7137	6941	7023	1.45	cps
Calcium	43-1	215735	224882	223079	221232	2.19	cps
Calcium	44-1	3322103	3383187	3395074	3366788	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	397687	395904	394788	396126	0.37	cps
Cobalt	59-2	327306	322818	325924	325350	0.71	cps
Copper	63-2	1134752	1133194	1143879	1137275	0.51	cps
Dysprosium	156-1	80137	83288	82836	82087	2.08	cps
Dysprosium	156-2	60677	60905	61437	61006	0.64	cps
Erbium	164-1	58596	59469	59586	59217	0.91	cps
Erbium	164-2	35428	34853	34646	34976	1.16	cps
Gadolinium	160-1	71695	72208	72855	72253	0.80	cps
Gadolinium	160-2	45611	46119	45413	45714	0.80	cps
Holmium	165-1	10356260	10440024	10320613	10372299	0.59	cps
Holmium	165-2	6222735	6052045	6113390	6129390	1.41	cps
Indium	115-1	7710685	7783628	7759631	7751315	0.48	cps
Indium	115-2	2431730	2418049	2401365	2417048	0.63	cps
Iron	56-2	352513968	348639381	350813141	350655497	0.55	cps
Iron	57-2	8658496	8585445	8663189	8635710	0.50	cps
Iron	54-2	19248309	19166813	19302224	19239115	0.35	cps
Krypton	83-1	300	250	313	288	11.60	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:27:51	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	604196	605352	612431	607326	0.73	cps
Lead	207-1	528262	542099	535232	535198	1.29	cps
Lead	208-1	2395064	2425542	2436856	2419154	0.89	cps
Lithium	6-1	1195141	1199167	1183813	1192707	0.67	cps
Magnesium	24-2	7384188	7383732	7392399	7386773	0.07	cps
Manganese	55-2	8083358	8071580	8099346	8084762	0.17	cps
Molybdenum	94-1	76217	78117	79015	77783	1.84	cps
Molybdenum	95-1	8229	8232	8279	8247	0.34	cps
Molybdenum	96-1	25282	25703	26407	25797	2.20	cps
Molybdenum	97-1	4881	4874	5124	4960	2.87	cps
Molybdenum	98-1	12592	13056	12769	12806	1.83	cps
Neodymium	150-1	151080	154718	154725	153508	1.37	cps
Neodymium	150-2	78645	78735	78158	78513	0.40	cps
Nickel	60-2	158884	158117	157793	158265	0.35	cps
Phosphorus	31-2	24760	24066	24276	24367	1.46	cps
Potassium	39-2	3626347	3589028	3603604	3606326	0.52	cps
Rhodium	103-1	7067986	7145991	7103181	7105719	0.55	cps
Rhodium	103-2	4065826	4088301	3986066	4046731	1.33	cps
Scandium	45-1	4495943	4508080	4551453	4518492	0.65	cps
Scandium	45-2	415365	410277	413710	413118	0.63	cps
Selenium	82-1	423	560	568	517	15.71	cps
Selenium	77-2	273	290	320	294	8.03	cps
Selenium	78-2	447	430	467	448	4.10	cps
Silicon	28-1	20362977	20754831	20980915	20699574	1.51	cps
Silver	107-1	7082	6802	6615	6833	3.44	cps
Silver	109-1	6568	6141	6091	6267	4.18	cps
Sodium	23-2	123792	122643	123971	123469	0.58	cps
Strontium	86-1	257013	262330	263896	261080	1.38	cps
Strontium	88-1	2352436	2378863	2341488	2357596	0.81	cps
Sulfur	34-1	158239	159159	158502	158634	0.30	cps
Terbium	159-1	10577591	10746734	10507065	10610463	1.16	cps
Terbium	159-2	6139703	6116833	6033369	6096635	0.92	cps
Thallium	203-1	4934	4941	5028	4968	1.05	cps
Thallium	205-1	11378	11642	12019	11680	2.76	cps
Tin	118-1	24858	25329	25152	25113	0.95	cps
Titanium	47-1	1226482	1260321	1277308	1254703	2.06	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:27:51	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39886	38589	39532	39336	1.70	cps
Vanadium	51-2	721223	721671	720566	721154	0.08	cps
Yttrium	89-1	13341459	13599699	13478494	13473217	0.96	cps
Yttrium	89-2	3261411	3255689	3210059	3242386	0.87	cps
Zinc	66-2	196224	196822	196184	196410	0.18	cps
Zirconium	90-1	195628	200181	200591	198800	1.39	cps
Zirconium	91-1	42862	43969	44895	43909	2.32	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-04	Instrumnet Name :	P7
Client Sample ID :	MYE4R2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:30:58	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8488535	8421140	8502548	8470741	0.51	cps
Antimony	121-1	31718	32323	32771	32271	1.64	cps
Arsenic	75-2	42691	42875	43169	42912	0.56	cps
Barium	135-1	1040532	1053969	1061255	1051919	1.00	cps
Barium	137-1	1924697	1957830	1951398	1944642	0.90	cps
Beryllium	9-1	2011	1928	1833	1924	4.62	cps
Bismuth	209-1	6361063	6367993	6251800	6326952	1.03	cps
Bismuth	209-2	4195012	4280924	3878462	4118133	5.15	cps
Bromine	81-1	14120	14641	14944	14568	2.86	cps
Bromine	81-2	1043	1127	1050	1073	4.31	cps
Cadmium	108-1	293	227	267	262	12.80	cps
Cadmium	106-1	3160	3347	3227	3245	2.92	cps
Cadmium	111-1	2934	3108	2879	2973	4.02	cps
Calcium	43-1	224861	228925	230126	227971	1.21	cps
Calcium	44-1	3388657	3439704	3463708	3430690	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	357283	356414	355677	356458	0.23	cps
Cobalt	59-2	252655	252866	254185	253235	0.33	cps
Copper	63-2	478945	475464	478394	477601	0.39	cps
Dysprosium	156-1	69400	69096	69812	69436	0.52	cps
Dysprosium	156-2	50651	51139	50628	50806	0.57	cps
Erbium	164-1	50096	50156	50909	50387	0.90	cps
Erbium	164-2	29641	30567	29815	30008	1.64	cps
Gadolinium	160-1	63339	65465	64913	64572	1.71	cps
Gadolinium	160-2	40562	41167	41117	40948	0.82	cps
Holmium	165-1	10116372	10237746	10205072	10186396	0.62	cps
Holmium	165-2	6035994	6049357	5483320	5856223	5.52	cps
Indium	115-1	7583794	7737263	7658727	7659928	1.00	cps
Indium	115-2	2357689	2404366	2117194	2293083	6.72	cps
Iron	56-2	278149523	275619269	278017229	277262007	0.51	cps
Iron	57-2	6793069	6850418	6876701	6840063	0.63	cps
Iron	54-2	15241433	15117006	15101382	15153274	0.51	cps
Krypton	83-1	283	250	247	260	7.80	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-04	Instrumnet Name :	P7
Client Sample ID :	MYE4R2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:30:58	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	164638	169395	166766	166933	1.43	cps
Lead	207-1	139932	144432	143246	142537	1.64	cps
Lead	208-1	646223	661287	655163	654225	1.16	cps
Lithium	6-1	1199978	1198215	1186806	1195000	0.60	cps
Magnesium	24-2	6260411	6305163	6302729	6289434	0.40	cps
Manganese	55-2	5649229	5629975	5642682	5640629	0.17	cps
Molybdenum	94-1	73466	75339	75121	74642	1.37	cps
Molybdenum	95-1	6455	6698	6395	6516	2.47	cps
Molybdenum	96-1	21980	22618	22611	22403	1.63	cps
Molybdenum	97-1	3791	4094	4147	4011	4.80	cps
Molybdenum	98-1	9833	10050	10047	9977	1.25	cps
Neodymium	150-1	131466	133360	135396	133408	1.47	cps
Neodymium	150-2	68103	69175	68495	68591	0.79	cps
Nickel	60-2	123221	120073	122005	121766	1.30	cps
Phosphorus	31-2	17897	18431	17927	18085	1.66	cps
Potassium	39-2	2768046	2784876	2777224	2776715	0.30	cps
Rhodium	103-1	6985489	7019439	7062371	7022433	0.55	cps
Rhodium	103-2	3978592	4038175	3573513	3863426	6.54	cps
Scandium	45-1	4357191	4453187	4428396	4412924	1.13	cps
Scandium	45-2	406355	405380	370335	394023	5.21	cps
Selenium	82-1	481	475	503	486	3.03	cps
Selenium	77-2	217	210	177	201	10.66	cps
Selenium	78-2	373	367	437	392	9.85	cps
Silicon	28-1	10120694	10257787	10370456	10249646	1.22	cps
Silver	107-1	1930	1873	1870	1891	1.78	cps
Silver	109-1	1520	1617	1650	1596	4.23	cps
Sodium	23-2	117981	117454	118582	118006	0.48	cps
Strontium	86-1	216325	220770	224769	220621	1.91	cps
Strontium	88-1	1976882	1996972	2003673	1992509	0.70	cps
Sulfur	34-1	151425	148675	150503	150201	0.93	cps
Terbium	159-1	10474899	10556110	10483462	10504824	0.42	cps
Terbium	159-2	6030064	6120701	5445255	5865340	6.25	cps
Thallium	203-1	3054	3087	3274	3138	3.78	cps
Thallium	205-1	7189	7422	7429	7346	1.86	cps
Tin	118-1	19360	19934	19800	19698	1.53	cps
Titanium	47-1	892473	916216	930528	913072	2.11	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-04	Instrumnet Name :	P7
Client Sample ID :	MYE4R2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:30:58	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31771	32921	32299	32330	1.78	cps
Vanadium	51-2	498053	500005	498444	498834	0.21	cps
Yttrium	89-1	13125311	13119801	13062434	13102515	0.27	cps
Yttrium	89-2	3181449	3166191	2890915	3079518	5.31	cps
Zinc	66-2	121707	121432	123052	122064	0.71	cps
Zirconium	90-1	189635	194770	195577	193327	1.67	cps
Zirconium	91-1	42816	43835	43932	43528	1.42	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-05	Instrumnet Name :	P7
Client Sample ID :	MYE4R3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:34:04	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9325783	9255160	9267471	9282805	0.41	cps
Antimony	121-1	30482	31658	31177	31106	1.90	cps
Arsenic	75-2	62109	61339	61199	61549	0.80	cps
Barium	135-1	1222616	1237419	1249993	1236676	1.11	cps
Barium	137-1	2311154	2292266	2293323	2298914	0.46	cps
Beryllium	9-1	2150	2295	2245	2230	3.29	cps
Bismuth	209-1	6465602	6284391	6396110	6382034	1.43	cps
Bismuth	209-2	4243463	4293745	4235513	4257573	0.74	cps
Bromine	81-1	12409	12242	12625	12425	1.55	cps
Bromine	81-2	677	670	630	659	3.83	cps
Cadmium	108-1	473	430	400	434	8.49	cps
Cadmium	106-1	3894	3744	3757	3798	2.19	cps
Cadmium	111-1	5411	5267	5024	5234	3.74	cps
Calcium	43-1	915553	936933	949033	933840	1.82	cps
Calcium	44-1	13800516	14283467	14339647	14141210	2.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	418501	415848	420327	418225	0.54	cps
Cobalt	59-2	311917	309582	310912	310803	0.38	cps
Copper	63-2	876104	876466	875299	875956	0.07	cps
Dysprosium	156-1	77784	79792	79225	78934	1.31	cps
Dysprosium	156-2	58585	58655	58310	58517	0.31	cps
Erbium	164-1	60085	60162	60484	60244	0.35	cps
Erbium	164-2	35578	35906	35899	35795	0.52	cps
Gadolinium	160-1	70885	71997	73042	71975	1.50	cps
Gadolinium	160-2	44664	45387	45340	45130	0.90	cps
Holmium	165-1	10196722	10479179	10229434	10301779	1.50	cps
Holmium	165-2	6070498	6078828	6117145	6088824	0.41	cps
Indium	115-1	7656788	7662079	7602992	7640619	0.43	cps
Indium	115-2	2384070	2387845	2387758	2386558	0.09	cps
Iron	56-2	358307981	355567021	356763915	356879639	0.39	cps
Iron	57-2	8917012	8789709	8857117	8854613	0.72	cps
Iron	54-2	19456986	19433481	19659501	19516656	0.64	cps
Krypton	83-1	297	247	307	283	11.35	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-05	Instrumnet Name :	P7
Client Sample ID :	MYE4R3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:34:04	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	381681	384409	386525	384205	0.63	cps
Lead	207-1	335306	339041	338261	337536	0.58	cps
Lead	208-1	1517527	1529035	1534575	1527046	0.57	cps
Lithium	6-1	1186916	1167696	1184981	1179864	0.90	cps
Magnesium	24-2	8965905	8851455	8817062	8878141	0.88	cps
Manganese	55-2	6871989	6904027	6877004	6884340	0.25	cps
Molybdenum	94-1	102576	105570	106869	105005	2.10	cps
Molybdenum	95-1	9210	9570	9640	9473	2.44	cps
Molybdenum	96-1	30876	31587	31601	31355	1.32	cps
Molybdenum	97-1	5714	5815	6148	5892	3.85	cps
Molybdenum	98-1	14424	15121	15218	14921	2.90	cps
Neodymium	150-1	146872	149314	151665	149284	1.61	cps
Neodymium	150-2	75313	75701	76251	75755	0.62	cps
Nickel	60-2	162631	161003	162894	162176	0.63	cps
Phosphorus	31-2	26914	27014	27181	27036	0.50	cps
Potassium	39-2	3351508	3290609	3329008	3323708	0.93	cps
Rhodium	103-1	7027369	7080460	7017193	7041674	0.48	cps
Rhodium	103-2	3979557	3981820	3944151	3968509	0.53	cps
Scandium	45-1	4428270	4489917	4474684	4464290	0.72	cps
Scandium	45-2	408326	408782	409367	408825	0.13	cps
Selenium	82-1	542	604	529	558	7.18	cps
Selenium	77-2	260	217	233	237	9.23	cps
Selenium	78-2	437	423	473	444	5.83	cps
Silicon	28-1	13277392	13708189	13909862	13631814	2.37	cps
Silver	107-1	4027	4261	4254	4181	3.18	cps
Silver	109-1	3801	3894	3751	3815	1.91	cps
Sodium	23-2	275921	275281	274073	275092	0.34	cps
Strontium	86-1	532373	540630	549574	540859	1.59	cps
Strontium	88-1	4790906	4868944	4973720	4877857	1.88	cps
Sulfur	34-1	168127	168174	167022	167774	0.39	cps
Terbium	159-1	10568766	10549500	10632739	10583668	0.41	cps
Terbium	159-2	6023868	6020958	6066905	6037244	0.43	cps
Thallium	203-1	3540	3507	3797	3615	4.39	cps
Thallium	205-1	8606	8836	8920	8787	1.85	cps
Tin	118-1	21039	21005	21242	21096	0.61	cps
Titanium	47-1	1359498	1385054	1406810	1383787	1.71	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-05	Instrumnet Name :	P7
Client Sample ID :	MYE4R3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:34:04	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41903	41698	42852	42151	1.46	cps
Vanadium	51-2	682713	679428	678900	680347	0.30	cps
Yttrium	89-1	13298471	13500844	13608893	13469402	1.17	cps
Yttrium	89-2	3240528	3200637	3200914	3214026	0.71	cps
Zinc	66-2	157184	158366	159259	158270	0.66	cps
Zirconium	90-1	263447	272294	272735	269492	1.94	cps
Zirconium	91-1	59229	61706	61682	60872	2.34	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-06	Instrumnet Name :	P7
Client Sample ID :	MYE4R4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:37:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9996538	10024836	10023352	10014909	0.16	cps
Antimony	121-1	44061	44703	45990	44918	2.19	cps
Arsenic	75-2	56959	56243	56269	56490	0.72	cps
Barium	135-1	1238080	1254521	1255027	1249209	0.77	cps
Barium	137-1	2287851	2343136	2347824	2326270	1.43	cps
Beryllium	9-1	2284	2228	2161	2224	2.75	cps
Bismuth	209-1	6469181	6420460	6417859	6435833	0.45	cps
Bismuth	209-2	4361550	4289145	4303193	4317963	0.89	cps
Bromine	81-1	15218	15929	15999	15715	2.75	cps
Bromine	81-2	1383	1223	1337	1315	6.26	cps
Cadmium	108-1	260	220	290	257	13.68	cps
Cadmium	106-1	3260	3310	3264	3278	0.85	cps
Cadmium	111-1	3044	3130	3098	3091	1.41	cps
Calcium	43-1	234247	236309	236133	235563	0.49	cps
Calcium	44-1	3508514	3578620	3610162	3565765	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	392781	391568	390553	391634	0.28	cps
Cobalt	59-2	299693	297611	296449	297917	0.55	cps
Copper	63-2	558642	556648	554885	556725	0.34	cps
Dysprosium	156-1	80486	81669	82450	81535	1.21	cps
Dysprosium	156-2	59817	59562	59224	59534	0.50	cps
Erbium	164-1	57939	59743	59991	59225	1.89	cps
Erbium	164-2	35425	35615	35502	35514	0.27	cps
Gadolinium	160-1	74192	74409	75147	74583	0.67	cps
Gadolinium	160-2	47905	47243	47493	47547	0.70	cps
Holmium	165-1	10415260	10393815	10453596	10420890	0.29	cps
Holmium	165-2	6210878	6243399	6210287	6221521	0.30	cps
Indium	115-1	7718545	7782115	7791546	7764068	0.51	cps
Indium	115-2	2429911	2425651	2427588	2427717	0.09	cps
Iron	56-2	340949248	340582728	337902995	339811657	0.49	cps
Iron	57-2	8431753	8419332	8307808	8386297	0.81	cps
Iron	54-2	18698161	18564302	18584322	18615595	0.39	cps
Krypton	83-1	263	283	280	276	3.89	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-06	Instrumnet Name :	P7
Client Sample ID :	MYE4R4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:37:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	189393	193796	195644	192944	1.66	cps
Lead	207-1	160435	163821	162729	162328	1.06	cps
Lead	208-1	739748	755727	757506	750994	1.30	cps
Lithium	6-1	1196940	1184979	1176173	1186031	0.88	cps
Magnesium	24-2	7367492	7373673	7266342	7335836	0.82	cps
Manganese	55-2	6653330	6547282	6562789	6587800	0.87	cps
Molybdenum	94-1	63125	65974	66996	65365	3.07	cps
Molybdenum	95-1	6295	6748	6685	6576	3.73	cps
Molybdenum	96-1	21689	22481	22424	22198	1.99	cps
Molybdenum	97-1	4097	4397	4084	4193	4.23	cps
Molybdenum	98-1	10247	10541	10567	10452	1.70	cps
Neodymium	150-1	152906	155773	156097	154925	1.13	cps
Neodymium	150-2	77793	78627	77903	78108	0.58	cps
Nickel	60-2	130593	130707	131084	130794	0.20	cps
Phosphorus	31-2	21569	21926	21635	21710	0.87	cps
Potassium	39-2	3277490	3248363	3233260	3253038	0.69	cps
Rhodium	103-1	7124621	7159360	7103988	7129323	0.39	cps
Rhodium	103-2	4062159	4053790	3996154	4037368	0.89	cps
Scandium	45-1	4486218	4579915	4534580	4533571	1.03	cps
Scandium	45-2	414827	417131	414630	415529	0.33	cps
Selenium	82-1	554	492	522	523	5.93	cps
Selenium	77-2	253	277	297	276	7.87	cps
Selenium	78-2	403	417	490	437	10.69	cps
Silicon	28-1	13214705	13580308	13659127	13484713	1.76	cps
Silver	107-1	1663	1637	1730	1677	2.87	cps
Silver	109-1	1437	1540	1523	1500	3.70	cps
Sodium	23-2	114851	114079	113273	114067	0.69	cps
Strontium	86-1	238942	243092	245470	242501	1.36	cps
Strontium	88-1	2171417	2191285	2236096	2199599	1.51	cps
Sulfur	34-1	150361	148308	148601	149090	0.74	cps
Terbium	159-1	10687042	10629472	10567189	10627901	0.56	cps
Terbium	159-2	6166442	6225251	6193124	6194939	0.48	cps
Thallium	203-1	3240	3150	3290	3227	2.20	cps
Thallium	205-1	7656	7782	7932	7790	1.78	cps
Tin	118-1	18465	18882	19393	18914	2.46	cps
Titanium	47-1	1014887	1033403	1049526	1032605	1.68	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-06	Instrumnet Name :	P7
Client Sample ID :	MYE4R4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:37:10	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36567	36861	38058	37162	2.12	cps
Vanadium	51-2	618174	617597	614342	616705	0.34	cps
Yttrium	89-1	13525949	13629482	13525997	13560476	0.44	cps
Yttrium	89-2	3302361	3240153	3215064	3252526	1.38	cps
Zinc	66-2	127666	128143	128752	128187	0.42	cps
Zirconium	90-1	163850	166893	168888	166543	1.52	cps
Zirconium	91-1	36649	38348	38394	37797	2.63	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-07	Instrumnet Name :	P7
Client Sample ID :	MYE4R5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:40:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7492065	7533001	7542670	7522579	0.36	cps
Antimony	121-1	36470	37606	37101	37059	1.54	cps
Arsenic	75-2	66397	66394	66280	66357	0.10	cps
Barium	135-1	1635679	1657587	1680619	1657962	1.36	cps
Barium	137-1	2811194	2882923	2893849	2862655	1.57	cps
Beryllium	9-1	2095	2033	2028	2052	1.80	cps
Bismuth	209-1	6570640	6562835	6526248	6553241	0.36	cps
Bismuth	209-2	4358574	4368584	4330415	4352525	0.45	cps
Bromine	81-1	11915	11908	12148	11991	1.14	cps
Bromine	81-2	603	603	587	598	1.61	cps
Cadmium	108-1	363	403	373	380	5.48	cps
Cadmium	106-1	3620	3484	3787	3630	4.19	cps
Cadmium	111-1	5187	4983	5437	5202	4.37	cps
Calcium	43-1	182594	187013	187709	185772	1.49	cps
Calcium	44-1	2797020	2816242	2863561	2825608	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	322229	323798	322934	322987	0.24	cps
Cobalt	59-2	334552	336263	335382	335399	0.26	cps
Copper	63-2	863970	864318	866146	864811	0.14	cps
Dysprosium	156-1	73548	74258	76018	74608	1.70	cps
Dysprosium	156-2	54820	55338	54465	54874	0.80	cps
Erbium	164-1	54302	54522	55978	54934	1.66	cps
Erbium	164-2	32184	32184	32501	32290	0.57	cps
Gadolinium	160-1	65522	65650	67140	66104	1.36	cps
Gadolinium	160-2	42675	42143	41478	42099	1.42	cps
Holmium	165-1	10535453	10415337	10388038	10446276	0.75	cps
Holmium	165-2	6152564	6174563	6240063	6189063	0.74	cps
Indium	115-1	7665235	7783384	7650128	7699582	0.95	cps
Indium	115-2	2441815	2388601	2396958	2409125	1.19	cps
Iron	56-2	321160002	321153255	322952515	321755257	0.32	cps
Iron	57-2	7884804	7907866	7894418	7895696	0.15	cps
Iron	54-2	17625128	17523733	17526791	17558550	0.33	cps
Krypton	83-1	247	307	257	270	11.91	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-07	Instrumnet Name :	P7
Client Sample ID :	MYE4R5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:40:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	436155	444002	443770	441309	1.01	cps
Lead	207-1	376887	383702	386648	382412	1.31	cps
Lead	208-1	1724313	1747058	1755113	1742161	0.92	cps
Lithium	6-1	1139816	1185624	1161322	1162254	1.97	cps
Magnesium	24-2	6446393	6402552	6409189	6419378	0.37	cps
Manganese	55-2	13351203	13433339	13486534	13423692	0.51	cps
Molybdenum	94-1	85327	88271	88411	87336	1.99	cps
Molybdenum	95-1	6892	6775	6985	6884	1.53	cps
Molybdenum	96-1	25873	26143	26704	26240	1.62	cps
Molybdenum	97-1	4237	4201	4301	4246	1.19	cps
Molybdenum	98-1	10587	10831	10434	10617	1.89	cps
Neodymium	150-1	137243	140868	141324	139812	1.60	cps
Neodymium	150-2	71309	71453	71329	71364	0.11	cps
Nickel	60-2	140847	140800	140656	140768	0.07	cps
Phosphorus	31-2	19960	20544	20491	20331	1.59	cps
Potassium	39-2	3099950	3128821	3139267	3122679	0.65	cps
Rhodium	103-1	7093900	7040492	7116305	7083566	0.55	cps
Rhodium	103-2	4028016	4012138	4013155	4017770	0.22	cps
Scandium	45-1	4317377	4432306	4391917	4380533	1.33	cps
Scandium	45-2	404175	404626	404958	404586	0.10	cps
Selenium	82-1	492	533	519	514	4.07	cps
Selenium	77-2	260	227	233	240	7.35	cps
Selenium	78-2	430	487	477	464	6.51	cps
Silicon	28-1	20122587	20586728	20799559	20502958	1.69	cps
Silver	107-1	4547	4657	4814	4673	2.87	cps
Silver	109-1	4261	4744	4381	4462	5.64	cps
Sodium	23-2	116466	116254	116480	116400	0.11	cps
Strontium	86-1	228546	231593	234583	231574	1.30	cps
Strontium	88-1	2051407	2066733	2090350	2069496	0.95	cps
Sulfur	34-1	144415	143930	144109	144151	0.17	cps
Terbium	159-1	10581947	10631256	10715207	10642803	0.63	cps
Terbium	159-2	6271762	6146163	6086208	6168044	1.54	cps
Thallium	203-1	4814	5101	5301	5072	4.82	cps
Thallium	205-1	11982	12162	12366	12170	1.58	cps
Tin	118-1	20441	20698	20585	20575	0.63	cps
Titanium	47-1	1183864	1208765	1217181	1203270	1.44	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-07	Instrumnet Name :	P7
Client Sample ID :	MYE4R5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:40:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38653	39321	38980	38985	0.86	cps
Vanadium	51-2	648665	645954	646552	647057	0.22	cps
Yttrium	89-1	13383681	13378856	13422871	13395136	0.18	cps
Yttrium	89-2	3195909	3186927	3195665	3192834	0.16	cps
Zinc	66-2	160191	161099	159306	160199	0.56	cps
Zirconium	90-1	221651	234439	229099	228396	2.81	cps
Zirconium	91-1	50062	50215	50975	50417	0.97	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-08	Instrumnet Name :	P7
Client Sample ID :	MYE4R6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:43:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9293658	9276295	9241147	9270367	0.29	cps
Antimony	121-1	33125	33329	33272	33242	0.32	cps
Arsenic	75-2	71702	70845	70738	71095	0.74	cps
Barium	135-1	1860818	1900505	1911876	1891067	1.42	cps
Barium	137-1	3138772	3235927	3256527	3210409	1.96	cps
Beryllium	9-1	2456	2695	2439	2530	5.65	cps
Bismuth	209-1	6534219	6611577	6457839	6534545	1.18	cps
Bismuth	209-2	4381821	4347127	4372580	4367176	0.41	cps
Bromine	81-1	12836	13099	13259	13065	1.64	cps
Bromine	81-2	940	997	887	941	5.85	cps
Cadmium	108-1	487	523	457	489	6.83	cps
Cadmium	106-1	3937	3590	3744	3757	4.62	cps
Cadmium	111-1	6086	5794	6042	5974	2.63	cps
Calcium	43-1	233905	238992	243141	238679	1.94	cps
Calcium	44-1	3566004	3686914	3673784	3642234	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	404967	404344	402149	403820	0.37	cps
Cobalt	59-2	338249	335424	335184	336285	0.51	cps
Copper	63-2	1005412	1001723	999120	1002085	0.32	cps
Dysprosium	156-1	87172	88439	90821	88811	2.09	cps
Dysprosium	156-2	65408	66279	66185	65957	0.72	cps
Erbium	164-1	65308	66467	65379	65718	0.99	cps
Erbium	164-2	39262	38954	38503	38906	0.98	cps
Gadolinium	160-1	79966	80147	79788	79967	0.22	cps
Gadolinium	160-2	50611	50805	49310	50242	1.62	cps
Holmium	165-1	10559682	10529963	10293010	10460885	1.40	cps
Holmium	165-2	6260289	6172142	6199497	6210643	0.73	cps
Indium	115-1	7776212	7613103	7700783	7696699	1.06	cps
Indium	115-2	2404758	2343123	2383475	2377119	1.32	cps
Iron	56-2	388366034	384343634	385158861	385956176	0.55	cps
Iron	57-2	9525879	9457766	9511818	9498488	0.38	cps
Iron	54-2	21133504	21100750	21012165	21082140	0.30	cps
Krypton	83-1	333	293	243	290	15.55	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-08	Instrumnet Name :	P7
Client Sample ID :	MYE4R6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:43:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	538035	549069	548591	545231	1.14	cps
Lead	207-1	473936	481404	475709	477016	0.82	cps
Lead	208-1	2147387	2180110	2164157	2163885	0.76	cps
Lithium	6-1	1187893	1225681	1146188	1186587	3.35	cps
Magnesium	24-2	7475214	7443045	7403447	7440569	0.48	cps
Manganese	55-2	10554293	10490310	10541323	10528642	0.32	cps
Molybdenum	94-1	95703	97760	98750	97404	1.60	cps
Molybdenum	95-1	8509	8709	8893	8704	2.20	cps
Molybdenum	96-1	29627	29894	30876	30132	2.18	cps
Molybdenum	97-1	5284	5461	5534	5427	2.37	cps
Molybdenum	98-1	13123	13666	14180	13656	3.87	cps
Neodymium	150-1	168237	169435	169843	169172	0.49	cps
Neodymium	150-2	85842	86624	86101	86189	0.46	cps
Nickel	60-2	161593	161055	160340	160996	0.39	cps
Phosphorus	31-2	25435	25304	25231	25323	0.41	cps
Potassium	39-2	3834255	3860452	3842704	3845804	0.35	cps
Rhodium	103-1	7095514	7008596	6964558	7022889	0.95	cps
Rhodium	103-2	4017068	4015893	3986645	4006535	0.43	cps
Scandium	45-1	4461791	4386354	4450314	4432820	0.92	cps
Scandium	45-2	408918	407735	408975	408543	0.17	cps
Selenium	82-1	514	570	663	582	12.95	cps
Selenium	77-2	220	307	287	271	16.74	cps
Selenium	78-2	503	500	433	479	8.25	cps
Silicon	28-1	17837149	17247914	17687191	17590752	1.74	cps
Silver	107-1	5098	4891	5231	5073	3.38	cps
Silver	109-1	4634	4371	4868	4624	5.38	cps
Sodium	23-2	130141	131579	131784	131168	0.68	cps
Strontium	86-1	283030	292153	293277	289487	1.94	cps
Strontium	88-1	2555319	2645199	2615843	2605454	1.76	cps
Sulfur	34-1	158964	158054	158091	158370	0.33	cps
Terbium	159-1	10723357	10785659	10578210	10695742	1.00	cps
Terbium	159-2	6158593	6058774	6073439	6096936	0.88	cps
Thallium	203-1	5071	5164	5498	5244	4.28	cps
Thallium	205-1	12526	12993	12563	12694	2.05	cps
Tin	118-1	21363	21593	21549	21502	0.57	cps
Titanium	47-1	1351624	1371869	1385584	1369692	1.25	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-08	Instrumnet Name :	P7
Client Sample ID :	MYE4R6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:43:23	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44277	44384	43899	44186	0.58	cps
Vanadium	51-2	772738	775289	769587	772538	0.37	cps
Yttrium	89-1	13655256	13394326	13265426	13438336	1.48	cps
Yttrium	89-2	3261949	3235523	3205902	3234458	0.87	cps
Zinc	66-2	193293	192842	193399	193178	0.15	cps
Zirconium	90-1	245865	252214	254760	250946	1.83	cps
Zirconium	91-1	55568	56301	56806	56225	1.11	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-09	Instrumnet Name :	P7
Client Sample ID :	MYE4R7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:46:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9565242	9479149	9555995	9533462	0.50	cps
Antimony	121-1	36837	37546	38070	37484	1.65	cps
Arsenic	75-2	79809	79478	79769	79686	0.23	cps
Barium	135-1	1850008	1875645	1902427	1876027	1.40	cps
Barium	137-1	3184043	3292640	3291626	3256103	1.92	cps
Beryllium	9-1	2322	2467	2711	2500	7.86	cps
Bismuth	209-1	6506622	6611639	6270988	6463083	2.70	cps
Bismuth	209-2	4359323	4327626	4340301	4342417	0.37	cps
Bromine	81-1	11641	11851	12455	11983	3.53	cps
Bromine	81-2	583	767	633	661	14.34	cps
Cadmium	108-1	597	630	567	598	5.30	cps
Cadmium	106-1	3911	4011	3607	3843	5.47	cps
Cadmium	111-1	7111	7341	6893	7115	3.15	cps
Calcium	43-1	290224	298505	302399	297043	2.09	cps
Calcium	44-1	4347631	4457451	4550656	4451913	2.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	391863	391065	394246	392391	0.42	cps
Cobalt	59-2	387861	388198	386109	387389	0.29	cps
Copper	63-2	1163915	1164937	1166944	1165265	0.13	cps
Dysprosium	156-1	96102	98113	99506	97907	1.75	cps
Dysprosium	156-2	71809	72382	72774	72321	0.67	cps
Erbium	164-1	71870	73455	73609	72978	1.32	cps
Erbium	164-2	42514	42638	42872	42675	0.43	cps
Gadolinium	160-1	86334	88484	88491	87769	1.42	cps
Gadolinium	160-2	54579	56677	55560	55605	1.89	cps
Holmium	165-1	10179833	10413659	9899339	10164277	2.53	cps
Holmium	165-2	6159198	6170693	6131595	6153829	0.33	cps
Indium	115-1	7699477	7655017	7307120	7553871	2.84	cps
Indium	115-2	2360389	2363936	2386604	2370310	0.60	cps
Iron	56-2	395440581	391847461	393888687	393725576	0.46	cps
Iron	57-2	9651971	9764047	9647616	9687878	0.68	cps
Iron	54-2	21461526	21582211	21363098	21468945	0.51	cps
Krypton	83-1	223	343	313	293	21.29	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-09	Instrumnet Name :	P7
Client Sample ID :	MYE4R7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:46:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	632184	639388	657628	643067	2.04	cps
Lead	207-1	552682	564347	568693	561907	1.47	cps
Lead	208-1	2515861	2555579	2594401	2555280	1.54	cps
Lithium	6-1	1169318	1202647	1136386	1169450	2.83	cps
Magnesium	24-2	8169054	7999468	8052470	8073664	1.07	cps
Manganese	55-2	8090478	8009487	8029251	8043072	0.53	cps
Molybdenum	94-1	93774	97337	98109	96407	2.40	cps
Molybdenum	95-1	7625	7825	7986	7812	2.31	cps
Molybdenum	96-1	28815	29002	30138	29318	2.44	cps
Molybdenum	97-1	5054	4851	4844	4916	2.43	cps
Molybdenum	98-1	11585	12155	12179	11973	2.81	cps
Neodymium	150-1	183565	186698	191209	187157	2.05	cps
Neodymium	150-2	93621	95054	94286	94320	0.76	cps
Nickel	60-2	178242	177844	178303	178130	0.14	cps
Phosphorus	31-2	38074	37884	38007	37988	0.25	cps
Potassium	39-2	3600527	3587206	3585518	3591084	0.23	cps
Rhodium	103-1	6949399	7017789	6589534	6852241	3.36	cps
Rhodium	103-2	3967398	3982048	4001804	3983750	0.43	cps
Scandium	45-1	4338300	4461413	4201565	4333759	3.00	cps
Scandium	45-2	405568	404603	406739	405636	0.26	cps
Selenium	82-1	619	467	521	535	14.39	cps
Selenium	77-2	313	337	333	328	3.85	cps
Selenium	78-2	423	453	470	449	5.27	cps
Silicon	28-1	20077578	20463446	20602446	20381157	1.33	cps
Silver	107-1	6498	6225	6702	6475	3.70	cps
Silver	109-1	5905	6028	6255	6062	2.93	cps
Sodium	23-2	116809	116540	117184	116844	0.28	cps
Strontium	86-1	377599	385898	392176	385224	1.90	cps
Strontium	88-1	3409619	3451708	3551737	3471021	2.10	cps
Sulfur	34-1	151478	150923	149156	150519	0.81	cps
Terbium	159-1	10577797	10664266	10029528	10423864	3.30	cps
Terbium	159-2	6035942	6134540	6217778	6129420	1.49	cps
Thallium	203-1	5801	5875	6001	5892	1.72	cps
Thallium	205-1	13283	13891	14031	13735	2.89	cps
Tin	118-1	21359	22160	21853	21791	1.85	cps
Titanium	47-1	1234101	1270479	1266854	1257144	1.59	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-09	Instrumnet Name :	P7
Client Sample ID :	MYE4R7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:46:26	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44635	45253	45334	45074	0.85	cps
Vanadium	51-2	772213	770991	772925	772043	0.13	cps
Yttrium	89-1	13427436	13590113	12773790	13263780	3.26	cps
Yttrium	89-2	3263041	3287119	3255998	3268719	0.50	cps
Zinc	66-2	190239	187376	190397	189337	0.90	cps
Zirconium	90-1	243755	250759	254828	249780	2.24	cps
Zirconium	91-1	54698	56428	57084	56070	2.20	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-10	Instrumnet Name :	P7
Client Sample ID :	MYE4R8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:49:32	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8203647	8241518	8249158	8231441	0.30	cps
Antimony	121-1	43402	43974	44766	44047	1.56	cps
Arsenic	75-2	80849	80413	79645	80302	0.76	cps
Barium	135-1	1379313	1401236	1414389	1398313	1.27	cps
Barium	137-1	2580163	2596101	2642458	2606241	1.24	cps
Beryllium	9-1	2061	2161	2117	2113	2.37	cps
Bismuth	209-1	6400189	6519983	6511055	6477076	1.03	cps
Bismuth	209-2	4290144	4283672	4399594	4324470	1.51	cps
Bromine	81-1	11598	11488	11755	11614	1.15	cps
Bromine	81-2	613	687	657	652	5.65	cps
Cadmium	108-1	593	597	593	594	0.32	cps
Cadmium	106-1	3811	4111	3817	3913	4.38	cps
Cadmium	111-1	6553	7297	6917	6922	5.38	cps
Calcium	43-1	216118	221400	223302	220273	1.69	cps
Calcium	44-1	3255252	3315322	3354361	3308312	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	620185	618691	616279	618385	0.32	cps
Cobalt	59-2	349828	347388	347761	348326	0.38	cps
Copper	63-2	1153960	1155895	1145897	1151917	0.46	cps
Dysprosium	156-1	85038	86806	85844	85896	1.03	cps
Dysprosium	156-2	62810	62194	63784	62929	1.27	cps
Erbium	164-1	60560	62208	62077	61615	1.49	cps
Erbium	164-2	36341	36828	36494	36554	0.68	cps
Gadolinium	160-1	74581	74862	75864	75102	0.90	cps
Gadolinium	160-2	47651	47788	47520	47653	0.28	cps
Holmium	165-1	10219045	10260011	10197962	10225673	0.31	cps
Holmium	165-2	6078142	6203233	6087006	6122794	1.14	cps
Indium	115-1	7500749	7625251	7513963	7546654	0.91	cps
Indium	115-2	2393412	2325218	2357306	2358645	1.45	cps
Iron	56-2	363276301	367832061	363581461	364896608	0.70	cps
Iron	57-2	9036832	9051844	8904852	8997843	0.90	cps
Iron	54-2	19964735	20022194	19778680	19921869	0.64	cps
Krypton	83-1	250	193	267	237	16.24	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-10	Instrumnet Name :	P7
Client Sample ID :	MYE4R8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:49:32	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	616405	621376	616477	618086	0.46	cps
Lead	207-1	540725	549040	553422	547729	1.18	cps
Lead	208-1	2450575	2475906	2474575	2467019	0.58	cps
Lithium	6-1	1198268	1190646	1170329	1186414	1.22	cps
Magnesium	24-2	7392750	7415679	7461108	7423179	0.47	cps
Manganese	55-2	7348340	7308781	7386646	7347922	0.53	cps
Molybdenum	94-1	103667	106369	106564	105533	1.53	cps
Molybdenum	95-1	10771	10584	10587	10647	1.00	cps
Molybdenum	96-1	33104	33849	34103	33685	1.54	cps
Molybdenum	97-1	6615	6872	6845	6777	2.08	cps
Molybdenum	98-1	17080	16917	17414	17137	1.48	cps
Neodymium	150-1	161766	162966	164055	162929	0.70	cps
Neodymium	150-2	83626	83505	81433	82855	1.49	cps
Nickel	60-2	266410	264558	264203	265057	0.45	cps
Phosphorus	31-2	23648	24373	23952	23991	1.52	cps
Potassium	39-2	3168704	3196535	3183875	3183038	0.44	cps
Rhodium	103-1	6912783	6889377	6904396	6902185	0.17	cps
Rhodium	103-2	3936607	3990715	3983382	3970235	0.74	cps
Scandium	45-1	4312612	4310132	4330424	4317723	0.26	cps
Scandium	45-2	394176	395736	394738	394883	0.20	cps
Selenium	82-1	583	670	541	598	10.98	cps
Selenium	77-2	280	260	297	279	6.58	cps
Selenium	78-2	460	403	370	411	11.07	cps
Silicon	28-1	17170709	17470973	17552391	17398024	1.16	cps
Silver	107-1	6035	6031	6468	6178	4.07	cps
Silver	109-1	5785	5541	5631	5652	2.18	cps
Sodium	23-2	117615	117370	117799	117595	0.18	cps
Strontium	86-1	273602	281995	284752	280116	2.07	cps
Strontium	88-1	2488202	2532169	2556007	2525459	1.36	cps
Sulfur	34-1	151152	151499	153243	151965	0.74	cps
Terbium	159-1	10561405	10730285	10551265	10614319	0.95	cps
Terbium	159-2	6094150	6048372	6181182	6107901	1.10	cps
Thallium	203-1	6555	6545	6918	6673	3.19	cps
Thallium	205-1	15713	15993	15649	15785	1.16	cps
Tin	118-1	25763	26942	26064	26256	2.33	cps
Titanium	47-1	1245210	1243848	1291059	1260039	2.13	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-10	Instrumnet Name :	P7
Client Sample ID :	MYE4R8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:49:32	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41929	41856	42922	42236	1.41	cps
Vanadium	51-2	743692	748632	743314	745212	0.40	cps
Yttrium	89-1	13049066	13130038	13174787	13117964	0.49	cps
Yttrium	89-2	3178499	3164023	3154812	3165778	0.38	cps
Zinc	66-2	208511	208132	208853	208499	0.17	cps
Zirconium	90-1	264777	270305	275110	270064	1.91	cps
Zirconium	91-1	60240	60725	61501	60822	1.05	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-11	Instrumnet Name :	P7
Client Sample ID :	MYE4S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:52:36	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9532436	9419747	9406143	9452776	0.73	cps
Antimony	121-1	27877	28919	28271	28356	1.86	cps
Arsenic	75-2	71173	69512	69746	70143	1.28	cps
Barium	135-1	1469050	1489995	1629586	1529544	5.71	cps
Barium	137-1	2739447	2812521	2828864	2793611	1.70	cps
Beryllium	9-1	2200	2250	2372	2274	3.90	cps
Bismuth	209-1	6468786	6603398	6457610	6509931	1.25	cps
Bismuth	209-2	3638749	4191100	4273245	4034365	8.55	cps
Bromine	81-1	11418	11835	11798	11684	1.98	cps
Bromine	81-2	540	607	580	576	5.83	cps
Cadmium	108-1	743	683	637	688	7.77	cps
Cadmium	106-1	4291	4291	4217	4266	0.99	cps
Cadmium	111-1	8361	8713	8271	8448	2.77	cps
Calcium	43-1	279069	285423	285799	283431	1.33	cps
Calcium	44-1	4236055	4327545	4311632	4291744	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	385053	384908	384084	384682	0.14	cps
Cobalt	59-2	343112	342496	338460	341356	0.74	cps
Copper	63-2	1396088	1383179	1380041	1386436	0.61	cps
Dysprosium	156-1	91412	92177	94002	92530	1.44	cps
Dysprosium	156-2	69686	69454	68710	69283	0.74	cps
Erbium	164-1	66002	67013	67295	66770	1.02	cps
Erbium	164-2	40054	39616	39425	39698	0.81	cps
Gadolinium	160-1	81264	82316	83534	82371	1.38	cps
Gadolinium	160-2	52772	52531	52120	52475	0.63	cps
Holmium	165-1	10192910	10336416	10324902	10284742	0.78	cps
Holmium	165-2	5155665	6037023	5980311	5724333	8.62	cps
Indium	115-1	7580364	7640607	7630344	7617105	0.42	cps
Indium	115-2	1973213	2333187	2330514	2212305	9.36	cps
Iron	56-2	351011061	349613475	348156768	349593768	0.41	cps
Iron	57-2	8680562	8735120	8678139	8697940	0.37	cps
Iron	54-2	19193466	19186483	19043253	19141067	0.44	cps
Krypton	83-1	220	267	263	250	10.41	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-11	Instrumnet Name :	P7
Client Sample ID :	MYE4S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:52:36	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	723877	737593	733460	731643	0.96	cps
Lead	207-1	633731	653158	656656	647848	1.91	cps
Lead	208-1	2881629	2930567	2940963	2917720	1.09	cps
Lithium	6-1	1176345	1167160	1179230	1174245	0.54	cps
Magnesium	24-2	8690979	8558312	8506012	8585101	1.11	cps
Manganese	55-2	8397015	8342196	8376415	8371876	0.33	cps
Molybdenum	94-1	122483	124319	126406	124403	1.58	cps
Molybdenum	95-1	7045	6982	6995	7007	0.48	cps
Molybdenum	96-1	31313	32570	33909	32597	3.98	cps
Molybdenum	97-1	4067	4154	4437	4220	4.59	cps
Molybdenum	98-1	10307	10694	10941	10647	3.00	cps
Neodymium	150-1	180166	184454	185959	183526	1.64	cps
Neodymium	150-2	93622	93487	91940	93016	1.00	cps
Nickel	60-2	190355	189279	189319	189651	0.32	cps
Phosphorus	31-2	32391	32150	32518	32353	0.58	cps
Potassium	39-2	3242317	3273954	3252737	3256336	0.50	cps
Rhodium	103-1	6838234	6982892	6922923	6914683	1.05	cps
Rhodium	103-2	3297284	3902640	3888849	3696258	9.35	cps
Scandium	45-1	4273429	4386788	4300462	4320226	1.37	cps
Scandium	45-2	341107	395463	397298	377956	8.45	cps
Selenium	82-1	591	521	589	567	7.01	cps
Selenium	77-2	300	310	243	284	12.64	cps
Selenium	78-2	450	383	500	444	13.17	cps
Silicon	28-1	24205738	24658814	24808534	24557695	1.28	cps
Silver	107-1	7639	7809	7989	7812	2.24	cps
Silver	109-1	7145	7342	7755	7414	4.20	cps
Sodium	23-2	118696	117860	118414	118323	0.36	cps
Strontium	86-1	349574	356447	360841	355621	1.60	cps
Strontium	88-1	3116828	3190890	3235528	3181082	1.88	cps
Sulfur	34-1	153718	153084	154583	153795	0.49	cps
Terbium	159-1	10373860	10534216	10628777	10512284	1.23	cps
Terbium	159-2	5117483	5953642	5994013	5688379	8.70	cps
Thallium	203-1	6542	7399	7182	7041	6.33	cps
Thallium	205-1	16694	16824	16914	16810	0.66	cps
Tin	118-1	26367	27560	27366	27098	2.36	cps
Titanium	47-1	1298807	1340413	1339196	1326139	1.79	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-11	Instrumnet Name :	P7
Client Sample ID :	MYE4S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:52:36	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41324	42153	42538	42005	1.48	cps
Vanadium	51-2	717666	709527	715339	714177	0.59	cps
Yttrium	89-1	13003322	13310795	13193355	13169157	1.18	cps
Yttrium	89-2	2707599	3147818	3152888	3002769	8.51	cps
Zinc	66-2	304386	301938	302922	303082	0.41	cps
Zirconium	90-1	319402	332975	334259	328879	2.50	cps
Zirconium	91-1	72551	74411	76250	74404	2.49	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-12	Instrumnet Name :	P7
Client Sample ID :	MYE4S1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:55:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9789095	9730088	9729012	9749398	0.35	cps
Antimony	121-1	53489	54449	55968	54636	2.29	cps
Arsenic	75-2	88562	88569	89413	88848	0.55	cps
Barium	135-1	1622383	1668767	1677841	1656330	1.80	cps
Barium	137-1	2846110	2857109	2889980	2864400	0.80	cps
Beryllium	9-1	2550	2784	2439	2591	6.79	cps
Bismuth	209-1	6558506	6393446	6451699	6467884	1.29	cps
Bismuth	209-2	4238863	4334848	4155095	4242935	2.12	cps
Bromine	81-1	11828	11805	12155	11929	1.64	cps
Bromine	81-2	673	680	620	658	5.00	cps
Cadmium	108-1	643	613	660	639	3.70	cps
Cadmium	106-1	4221	4034	3911	4055	3.85	cps
Cadmium	111-1	7908	7675	7870	7818	1.60	cps
Calcium	43-1	250977	258370	260499	256616	1.95	cps
Calcium	44-1	3804758	3901043	3895410	3867070	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477168	477740	474808	476572	0.33	cps
Cobalt	59-2	362507	361162	362135	361935	0.19	cps
Copper	63-2	1365398	1371303	1370262	1368988	0.23	cps
Dysprosium	156-1	88070	90415	90791	89759	1.64	cps
Dysprosium	156-2	66145	66593	66460	66399	0.35	cps
Erbium	164-1	66042	67298	68155	67165	1.58	cps
Erbium	164-2	40151	39843	39800	39931	0.48	cps
Gadolinium	160-1	79125	81562	80815	80501	1.55	cps
Gadolinium	160-2	50537	50273	50273	50361	0.30	cps
Holmium	165-1	10414308	10208694	10219713	10280905	1.13	cps
Holmium	165-2	6084738	6019314	5898626	6000892	1.57	cps
Indium	115-1	7617201	7525418	7602590	7581737	0.65	cps
Indium	115-2	2336576	2317322	2290946	2314948	0.99	cps
Iron	56-2	438670713	436451687	433032874	436051758	0.65	cps
Iron	57-2	10816037	10793204	10780998	10796746	0.16	cps
Iron	54-2	23850440	23507112	23760180	23705910	0.75	cps
Krypton	83-1	243	267	233	248	6.90	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-12	Instrumnet Name :	P7
Client Sample ID :	MYE4S1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:55:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	736701	744659	756354	745905	1.33	cps
Lead	207-1	652058	658971	668134	659721	1.22	cps
Lead	208-1	2951711	3219664	3018262	3063213	4.55	cps
Lithium	6-1	1174309	1162450	1148084	1161614	1.13	cps
Magnesium	24-2	8521277	8467312	8473753	8487447	0.35	cps
Manganese	55-2	7701510	7646272	7635562	7661115	0.46	cps
Molybdenum	94-1	100127	102639	102482	101749	1.38	cps
Molybdenum	95-1	9136	8946	8853	8978	1.61	cps
Molybdenum	96-1	30893	32242	32379	31838	2.58	cps
Molybdenum	97-1	5508	5351	5568	5476	2.04	cps
Molybdenum	98-1	13690	14267	13570	13842	2.69	cps
Neodymium	150-1	166140	169472	170892	168835	1.44	cps
Neodymium	150-2	86198	86060	85658	85972	0.33	cps
Nickel	60-2	178438	178610	179312	178787	0.26	cps
Phosphorus	31-2	27688	26967	27154	27270	1.37	cps
Potassium	39-2	3734039	3735848	3727750	3732546	0.11	cps
Rhodium	103-1	6865428	6857218	6816461	6846369	0.38	cps
Rhodium	103-2	3925238	3885165	3817441	3875948	1.41	cps
Scandium	45-1	4342714	4386985	4323627	4351109	0.75	cps
Scandium	45-2	393172	398141	392434	394583	0.79	cps
Selenium	82-1	576	593	625	598	4.11	cps
Selenium	77-2	280	357	273	303	15.27	cps
Selenium	78-2	480	500	497	492	2.18	cps
Silicon	28-1	11395274	11663926	11656127	11571776	1.32	cps
Silver	107-1	7048	7205	7425	7226	2.62	cps
Silver	109-1	6238	6722	6522	6494	3.74	cps
Sodium	23-2	110775	111513	111967	111418	0.54	cps
Strontium	86-1	313063	319942	321569	318191	1.42	cps
Strontium	88-1	2823937	2880653	2888219	2864270	1.23	cps
Sulfur	34-1	153526	154771	154505	154267	0.43	cps
Terbium	159-1	10653243	10475125	10403228	10510532	1.22	cps
Terbium	159-2	6092273	5994951	5929457	6005560	1.36	cps
Thallium	203-1	5181	5134	5044	5120	1.36	cps
Thallium	205-1	12316	12129	12456	12300	1.33	cps
Tin	118-1	25509	27119	26087	26238	3.11	cps
Titanium	47-1	1261146	1287237	1291259	1279881	1.28	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-12	Instrumnet Name :	P7
Client Sample ID :	MYE4S1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:55:42	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44300	44839	45066	44735	0.88	cps
Vanadium	51-2	917670	913644	917185	916167	0.24	cps
Yttrium	89-1	13214874	13175162	12956928	13115654	1.06	cps
Yttrium	89-2	3139276	3103086	3056625	3099662	1.34	cps
Zinc	66-2	224773	226523	227352	226216	0.58	cps
Zirconium	90-1	254788	265244	263369	261134	2.13	cps
Zirconium	91-1	56659	59563	59912	58711	3.04	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-13	Instrumnet Name :	P7
Client Sample ID :	MYE4S2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:58:46	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8397798	8518549	8549462	8488603	0.94	cps
Antimony	121-1	36784	37746	38448	37659	2.22	cps
Arsenic	75-2	154545	153231	154158	153978	0.44	cps
Barium	135-1	1313646	1341976	1344917	1333513	1.29	cps
Barium	137-1	2439488	2509522	2524151	2491054	1.82	cps
Beryllium	9-1	2411	2356	2317	2361	2.01	cps
Bismuth	209-1	6364872	6354757	6440190	6386606	0.73	cps
Bismuth	209-2	4295597	4250747	4094532	4213625	2.50	cps
Bromine	81-1	11902	11445	12008	11785	2.54	cps
Bromine	81-2	520	563	607	563	7.69	cps
Cadmium	108-1	583	647	627	619	5.23	cps
Cadmium	106-1	3657	3677	3680	3672	0.34	cps
Cadmium	111-1	8793	8623	8879	8765	1.49	cps
Calcium	43-1	244427	249932	251775	248711	1.54	cps
Calcium	44-1	3703664	3799719	3782389	3761924	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	365051	364498	366314	365287	0.25	cps
Cobalt	59-2	291172	288597	288274	289347	0.55	cps
Copper	63-2	1230176	1223429	1230987	1228197	0.34	cps
Dysprosium	156-1	87889	88859	90422	89056	1.43	cps
Dysprosium	156-2	66225	64966	64517	65236	1.36	cps
Erbium	164-1	62599	64200	64967	63922	1.89	cps
Erbium	164-2	37848	38072	37804	37908	0.38	cps
Gadolinium	160-1	78207	79584	80328	79373	1.36	cps
Gadolinium	160-2	49765	49681	49467	49638	0.31	cps
Holmium	165-1	10049499	10107450	10121176	10092708	0.38	cps
Holmium	165-2	6049052	6085882	5785849	5973594	2.74	cps
Indium	115-1	7376439	7531736	7557199	7488458	1.31	cps
Indium	115-2	2311153	2349717	2250903	2303924	2.16	cps
Iron	56-2	369142075	369527034	366547675	368405595	0.44	cps
Iron	57-2	9044254	9005459	9012727	9020813	0.23	cps
Iron	54-2	20218701	20137219	20125597	20160506	0.25	cps
Krypton	83-1	240	253	233	242	4.20	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-13	Instrumnet Name :	P7
Client Sample ID :	MYE4S2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:58:46	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	704924	702538	710563	706009	0.58	cps
Lead	207-1	617114	623203	632363	624227	1.23	cps
Lead	208-1	2792113	2820304	2840849	2817755	0.87	cps
Lithium	6-1	1157465	1151210	1146781	1151819	0.47	cps
Magnesium	24-2	7124487	7116836	7159544	7133622	0.32	cps
Manganese	55-2	6814600	6772704	6775536	6787614	0.34	cps
Molybdenum	94-1	66557	68412	70117	68362	2.60	cps
Molybdenum	95-1	7866	7819	8166	7950	2.37	cps
Molybdenum	96-1	24130	24557	24925	24537	1.62	cps
Molybdenum	97-1	4994	4737	4878	4870	2.64	cps
Molybdenum	98-1	12345	12325	12616	12429	1.30	cps
Neodymium	150-1	164861	169820	170706	168462	1.87	cps
Neodymium	150-2	84856	86248	85608	85571	0.81	cps
Nickel	60-2	156086	154139	155631	155285	0.66	cps
Phosphorus	31-2	29766	29542	29682	29663	0.38	cps
Potassium	39-2	3692118	3619220	3630828	3647389	1.07	cps
Rhodium	103-1	6853357	6845936	6831760	6843684	0.16	cps
Rhodium	103-2	3896376	3876936	3743928	3839080	2.16	cps
Scandium	45-1	4209539	4202434	4215663	4209212	0.16	cps
Scandium	45-2	387223	388648	378493	384788	1.43	cps
Selenium	82-1	546	570	583	566	3.25	cps
Selenium	77-2	257	267	270	264	2.62	cps
Selenium	78-2	520	437	403	453	13.26	cps
Silicon	28-1	16968156	17338119	17234290	17180188	1.11	cps
Silver	107-1	7072	7058	7472	7201	3.26	cps
Silver	109-1	6562	6638	6775	6658	1.62	cps
Sodium	23-2	110812	109271	110462	110182	0.73	cps
Strontium	86-1	281892	287301	291764	286986	1.72	cps
Strontium	88-1	2566978	2573906	2607942	2582942	0.85	cps
Sulfur	34-1	153209	151294	150826	151776	0.83	cps
Terbium	159-1	10506313	10389014	10361580	10418969	0.74	cps
Terbium	159-2	5993581	5950675	5840116	5928124	1.34	cps
Thallium	203-1	4421	4547	4417	4462	1.66	cps
Thallium	205-1	10944	10931	11335	11070	2.07	cps
Tin	118-1	22154	22641	23165	22653	2.23	cps
Titanium	47-1	1111131	1135078	1145166	1130458	1.55	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-13	Instrumnet Name :	P7
Client Sample ID :	MYE4S2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 16:58:46	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38482	39231	38950	38888	0.97	cps
Vanadium	51-2	698860	700006	700382	699749	0.11	cps
Yttrium	89-1	12848649	12967556	13034818	12950341	0.73	cps
Yttrium	89-2	3169076	3110601	3036867	3105515	2.13	cps
Zinc	66-2	233866	233765	235210	234280	0.34	cps
Zirconium	90-1	169691	173829	176667	173396	2.02	cps
Zirconium	91-1	38073	38845	40061	38993	2.57	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-14	Instrumnet Name :	P7
Client Sample ID :	MYE4S3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:01:53	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8711884	8499034	8523138	8578019	1.36	cps
Antimony	121-1	38214	38304	38324	38281	0.15	cps
Arsenic	75-2	112905	111955	112324	112395	0.43	cps
Barium	135-1	1397308	1434795	1436509	1422871	1.56	cps
Barium	137-1	2601757	2684909	2677392	2654686	1.73	cps
Beryllium	9-1	2239	2322	2272	2278	1.84	cps
Bismuth	209-1	6392198	6497007	6431116	6440107	0.82	cps
Bismuth	209-2	3759750	4427378	4240216	4142448	8.31	cps
Bromine	81-1	10841	10941	11168	10983	1.53	cps
Bromine	81-2	530	473	530	511	6.40	cps
Cadmium	108-1	623	607	530	587	8.48	cps
Cadmium	106-1	3861	3821	3721	3801	1.90	cps
Cadmium	111-1	7697	7577	7824	7700	1.60	cps
Calcium	43-1	212054	214933	214737	213908	0.75	cps
Calcium	44-1	3190090	3218483	3246783	3218452	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	405522	397625	401210	401452	0.98	cps
Cobalt	59-2	347358	340019	340706	342694	1.18	cps
Copper	63-2	1428254	1417746	1413028	1419676	0.55	cps
Dysprosium	156-1	87480	88698	89647	88608	1.23	cps
Dysprosium	156-2	65097	64423	65880	65133	1.12	cps
Erbium	164-1	64883	64592	65104	64860	0.40	cps
Erbium	164-2	38921	38423	38229	38524	0.93	cps
Gadolinium	160-1	77536	79024	78645	78402	0.99	cps
Gadolinium	160-2	50691	49741	49925	50119	1.01	cps
Holmium	165-1	10006645	10061680	10127314	10065213	0.60	cps
Holmium	165-2	5274866	6193016	5939649	5802510	8.17	cps
Indium	115-1	7327043	7531745	7398076	7418955	1.40	cps
Indium	115-2	2059868	2422600	2316038	2266169	8.23	cps
Iron	56-2	389434408	378337408	384942181	384237999	1.45	cps
Iron	57-2	9527474	9411165	9347422	9428687	0.97	cps
Iron	54-2	21083377	20859821	20944848	20962682	0.54	cps
Krypton	83-1	293	223	280	266	14.00	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-14	Instrumnet Name :	P7
Client Sample ID :	MYE4S3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:01:53	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	746498	745657	747914	746690	0.15	cps
Lead	207-1	650962	672562	666034	663186	1.67	cps
Lead	208-1	2955806	3008881	3251453	3072047	5.13	cps
Lithium	6-1	1150752	1144089	1098084	1130975	2.54	cps
Magnesium	24-2	8006287	7752963	7847672	7868974	1.63	cps
Manganese	55-2	7840230	7738980	7854191	7811133	0.80	cps
Molybdenum	94-1	96780	98159	98545	97828	0.95	cps
Molybdenum	95-1	8376	8209	8286	8290	1.01	cps
Molybdenum	96-1	29874	29827	30188	29963	0.65	cps
Molybdenum	97-1	5168	5351	4981	5167	3.58	cps
Molybdenum	98-1	12662	13099	12922	12895	1.71	cps
Neodymium	150-1	165836	171060	169755	168884	1.61	cps
Neodymium	150-2	87046	84746	85490	85761	1.37	cps
Nickel	60-2	181379	178526	178293	179399	0.96	cps
Phosphorus	31-2	25772	25184	24717	25224	2.10	cps
Potassium	39-2	3321072	3250442	3299153	3290222	1.10	cps
Rhodium	103-1	6701979	6796178	6720665	6739607	0.74	cps
Rhodium	103-2	3397519	4013892	3855882	3755765	8.52	cps
Scandium	45-1	4204410	4238646	4208460	4217172	0.44	cps
Scandium	45-2	348153	404230	390576	380987	7.68	cps
Selenium	82-1	565	574	522	554	4.97	cps
Selenium	77-2	277	273	320	290	8.98	cps
Selenium	78-2	470	473	463	469	1.09	cps
Silicon	28-1	18518161	18944131	19184294	18882196	1.79	cps
Silver	107-1	7565	7415	7782	7588	2.43	cps
Silver	109-1	7112	7329	6915	7118	2.91	cps
Sodium	23-2	110395	107901	109065	109121	1.14	cps
Strontium	86-1	263571	268972	267904	266815	1.07	cps
Strontium	88-1	2381027	2400268	2459081	2413458	1.68	cps
Sulfur	34-1	147151	147632	144711	146498	1.07	cps
Terbium	159-1	10141833	10401857	10261781	10268490	1.27	cps
Terbium	159-2	5312708	6231673	5952309	5832230	8.08	cps
Thallium	203-1	5181	4998	5101	5093	1.81	cps
Thallium	205-1	12322	12372	12483	12392	0.66	cps
Tin	118-1	22227	23442	23122	22931	2.75	cps
Titanium	47-1	1242097	1267740	1297062	1268966	2.17	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-14	Instrumnet Name :	P7
Client Sample ID :	MYE4S3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:01:53	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42297	43069	44079	43149	2.07	cps
Vanadium	51-2	783932	770772	775249	776651	0.86	cps
Yttrium	89-1	12847753	13009762	12879362	12912292	0.67	cps
Yttrium	89-2	2802705	3245435	3143955	3064032	7.57	cps
Zinc	66-2	211987	210222	209131	210447	0.68	cps
Zirconium	90-1	246211	250985	254264	250487	1.62	cps
Zirconium	91-1	55515	56367	56766	56216	1.14	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-15	Instrumnet Name :	P7
Client Sample ID :	MYE4S4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:04:57	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8582772	8715724	8571033	8623176	0.93	cps
Antimony	121-1	31291	30850	31708	31283	1.37	cps
Arsenic	75-2	80832	80319	81348	80833	0.64	cps
Barium	135-1	1713334	1740462	1751438	1735078	1.13	cps
Barium	137-1	2954209	2959018	2988038	2967088	0.62	cps
Beryllium	9-1	2428	2167	2178	2258	6.54	cps
Bismuth	209-1	6423957	6396922	6467662	6429514	0.56	cps
Bismuth	209-2	4295930	4368501	4315431	4326621	0.87	cps
Bromine	81-1	10731	10657	11211	10866	2.77	cps
Bromine	81-2	510	550	527	529	3.80	cps
Cadmium	108-1	717	747	740	734	2.14	cps
Cadmium	106-1	3987	3764	4111	3954	4.45	cps
Cadmium	111-1	9571	9347	9708	9542	1.91	cps
Calcium	43-1	244154	247009	251281	247481	1.45	cps
Calcium	44-1	3714875	3749280	3819103	3761086	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	383466	386082	382173	383907	0.52	cps
Cobalt	59-2	335459	334486	334803	334916	0.15	cps
Copper	63-2	1574207	1618274	1568930	1587137	1.71	cps
Dysprosium	156-1	86363	90677	89211	88750	2.47	cps
Dysprosium	156-2	65659	66929	66865	66484	1.08	cps
Erbium	164-1	64541	65141	66005	65229	1.13	cps
Erbium	164-2	39402	38623	38891	38972	1.02	cps
Gadolinium	160-1	77925	79490	79514	78976	1.15	cps
Gadolinium	160-2	51056	50233	49547	50279	1.50	cps
Holmium	165-1	10254674	10344556	10270401	10289877	0.47	cps
Holmium	165-2	6058164	6140879	6135941	6111661	0.76	cps
Indium	115-1	7489350	7625442	7616938	7577243	1.01	cps
Indium	115-2	2329362	2338288	2374669	2347439	1.02	cps
Iron	56-2	353387301	352117795	350282808	351929301	0.44	cps
Iron	57-2	8812710	8719924	8627108	8719914	1.06	cps
Iron	54-2	19185829	19218233	19242285	19215449	0.15	cps
Krypton	83-1	270	253	307	277	9.86	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-15	Instrumnet Name :	P7
Client Sample ID :	MYE4S4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:04:57	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	931070	939053	948298	939474	0.92	cps
Lead	207-1	817953	825694	828978	824208	0.69	cps
Lead	208-1	4031242	4054017	4103657	4062972	0.91	cps
Lithium	6-1	1156181	1118789	1090252	1121741	2.95	cps
Magnesium	24-2	8029815	8058547	7988551	8025638	0.44	cps
Manganese	55-2	7838946	7901148	7895545	7878546	0.44	cps
Molybdenum	94-1	98646	100861	102294	100600	1.83	cps
Molybdenum	95-1	9176	8936	9013	9042	1.36	cps
Molybdenum	96-1	30205	31000	31000	30735	1.49	cps
Molybdenum	97-1	5408	5631	5811	5617	3.60	cps
Molybdenum	98-1	13373	13590	14087	13683	2.68	cps
Neodymium	150-1	169492	173399	172983	171958	1.25	cps
Neodymium	150-2	87398	87140	87225	87254	0.15	cps
Nickel	60-2	180178	179797	181700	180558	0.56	cps
Phosphorus	31-2	30143	30243	29392	29926	1.56	cps
Potassium	39-2	3257717	3250577	3235298	3247864	0.35	cps
Rhodium	103-1	6740438	6904378	6853603	6832807	1.23	cps
Rhodium	103-2	3915816	3943572	3981838	3947075	0.84	cps
Scandium	45-1	4187047	4277087	4275293	4246475	1.21	cps
Scandium	45-2	392616	393378	394846	393613	0.29	cps
Selenium	82-1	546	575	487	536	8.35	cps
Selenium	77-2	323	267	270	287	11.09	cps
Selenium	78-2	453	403	483	447	9.05	cps
Silicon	28-1	21119021	21381995	21472306	21324440	0.86	cps
Silver	107-1	11061	11338	11425	11274	1.68	cps
Silver	109-1	10511	10707	11104	10774	2.81	cps
Sodium	23-2	118213	117806	119573	118531	0.78	cps
Strontium	86-1	328257	331801	336605	332221	1.26	cps
Strontium	88-1	2983836	3011045	3031578	3008820	0.80	cps
Sulfur	34-1	149392	148163	148460	148672	0.43	cps
Terbium	159-1	10405782	10346371	10443617	10398590	0.47	cps
Terbium	159-2	6121058	6124156	6200334	6148516	0.73	cps
Thallium	203-1	5098	5294	5368	5253	2.66	cps
Thallium	205-1	12189	12135	12199	12174	0.28	cps
Tin	118-1	26274	27777	27366	27139	2.86	cps
Titanium	47-1	1286795	1317941	1318837	1307858	1.40	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-15	Instrumnet Name :	P7
Client Sample ID :	MYE4S4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:04:57	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46748	46936	47012	46899	0.29	cps
Vanadium	51-2	729447	735139	733474	732687	0.40	cps
Yttrium	89-1	13052636	13057022	13182987	13097548	0.57	cps
Yttrium	89-2	3154176	3138722	3193431	3162110	0.89	cps
Zinc	66-2	244476	244354	245706	244845	0.31	cps
Zirconium	90-1	253425	259858	264865	259383	2.21	cps
Zirconium	91-1	56963	58509	58968	58147	1.81	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-16	Instrumnet Name :	P7
Client Sample ID :	MYE4S5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:08:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7979031	7994270	8015963	7996421	0.23	cps
Antimony	121-1	41707	41560	41730	41666	0.22	cps
Arsenic	75-2	89363	89789	89008	89387	0.44	cps
Barium	135-1	1286213	1302656	1309565	1299478	0.92	cps
Barium	137-1	2418632	2414870	2439445	2424316	0.55	cps
Beryllium	9-1	2122	2250	2061	2145	4.49	cps
Bismuth	209-1	6502168	6597903	6437901	6512658	1.24	cps
Bismuth	209-2	4334037	4344359	4359947	4346114	0.30	cps
Bromine	81-1	10937	11011	10834	10927	0.81	cps
Bromine	81-2	567	417	487	490	15.32	cps
Cadmium	108-1	583	633	673	630	7.16	cps
Cadmium	106-1	3811	3764	3931	3835	2.24	cps
Cadmium	111-1	8360	8426	8558	8448	1.19	cps
Calcium	43-1	198247	201445	202020	200571	1.01	cps
Calcium	44-1	3006124	3015580	3046122	3022609	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	374225	370056	374674	372985	0.68	cps
Cobalt	59-2	340920	339582	338565	339689	0.35	cps
Copper	63-2	1241531	1241770	1236141	1239814	0.26	cps
Dysprosium	156-1	75411	76473	76661	76182	0.88	cps
Dysprosium	156-2	56720	56506	56841	56689	0.30	cps
Erbium	164-1	56182	57578	58107	57289	1.74	cps
Erbium	164-2	33687	33480	33183	33450	0.76	cps
Gadolinium	160-1	67639	68747	68483	68290	0.85	cps
Gadolinium	160-2	44236	43802	43691	43910	0.66	cps
Holmium	165-1	10014308	10345032	10281648	10213663	1.72	cps
Holmium	165-2	6132357	6053761	6132986	6106368	0.75	cps
Indium	115-1	7498711	7634686	7489314	7540904	1.08	cps
Indium	115-2	2307873	2321652	2343284	2324270	0.77	cps
Iron	56-2	361894848	358032661	359817395	359914968	0.54	cps
Iron	57-2	8924756	8922762	8844682	8897400	0.51	cps
Iron	54-2	19564526	19558821	19503157	19542168	0.17	cps
Krypton	83-1	283	297	300	293	3.01	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-16	Instrumnet Name :	P7
Client Sample ID :	MYE4S5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:08:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	714594	724040	730287	722974	1.09	cps
Lead	207-1	629210	637848	644699	637252	1.22	cps
Lead	208-1	2866309	2888191	2928492	2894331	1.09	cps
Lithium	6-1	1161106	1134147	1126974	1140742	1.58	cps
Magnesium	24-2	6918440	6803717	6757677	6826611	1.21	cps
Manganese	55-2	6174580	6172599	6112780	6153320	0.57	cps
Molybdenum	94-1	83242	85075	86054	84790	1.68	cps
Molybdenum	95-1	7279	7369	7459	7369	1.22	cps
Molybdenum	96-1	26721	27072	27199	26997	0.92	cps
Molybdenum	97-1	4727	4818	4874	4806	1.54	cps
Molybdenum	98-1	11355	11855	11171	11460	3.09	cps
Neodymium	150-1	142792	143306	145125	143741	0.85	cps
Neodymium	150-2	73252	73667	73818	73579	0.40	cps
Nickel	60-2	150257	149160	148732	149383	0.53	cps
Phosphorus	31-2	22867	23014	22437	22773	1.32	cps
Potassium	39-2	3167422	3130751	3169905	3156026	0.69	cps
Rhodium	103-1	6741070	6793091	6786564	6773575	0.42	cps
Rhodium	103-2	3911096	3899131	3955590	3921939	0.76	cps
Scandium	45-1	4156735	4177854	4209736	4181441	0.64	cps
Scandium	45-2	388613	387995	389291	388633	0.17	cps
Selenium	82-1	508	498	514	507	1.52	cps
Selenium	77-2	223	290	247	253	13.35	cps
Selenium	78-2	450	410	483	448	8.20	cps
Silicon	28-1	10671306	10681972	10848354	10733877	0.92	cps
Silver	107-1	6575	6478	6732	6595	1.94	cps
Silver	109-1	6215	6081	6692	6329	5.07	cps
Sodium	23-2	92650	92478	91593	92240	0.61	cps
Strontium	86-1	282443	285783	286383	284869	0.75	cps
Strontium	88-1	2581907	2577059	2619802	2592923	0.90	cps
Sulfur	34-1	144926	147520	147235	146560	0.97	cps
Terbium	159-1	10258870	10545238	10429928	10411346	1.38	cps
Terbium	159-2	6061084	5961754	6164545	6062461	1.67	cps
Thallium	203-1	4311	4217	4351	4293	1.59	cps
Thallium	205-1	10194	9984	10187	10122	1.18	cps
Tin	118-1	22952	23569	23035	23185	1.45	cps
Titanium	47-1	1091317	1107835	1119650	1106267	1.29	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-16	Instrumnet Name :	P7
Client Sample ID :	MYE4S5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:08:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36831	39435	38298	38188	3.42	cps
Vanadium	51-2	746811	743815	742523	744383	0.30	cps
Yttrium	89-1	12659269	12963888	12921911	12848356	1.28	cps
Yttrium	89-2	3131663	3110014	3123039	3121572	0.35	cps
Zinc	66-2	207088	203382	207025	205832	1.03	cps
Zirconium	90-1	213644	218427	219013	217028	1.36	cps
Zirconium	91-1	47336	48921	50015	48757	2.76	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-17	Instrumnet Name :	P7
Client Sample ID :	MYE4S6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:11:06	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10106027	10071233	10037746	10071668	0.34	cps
Antimony	121-1	42697	43619	43663	43326	1.26	cps
Arsenic	75-2	84519	84059	83309	83962	0.73	cps
Barium	135-1	1879707	1901990	1918912	1900203	1.03	cps
Barium	137-1	3222293	3282156	3293561	3266003	1.17	cps
Beryllium	9-1	2528	2528	2622	2560	2.13	cps
Bismuth	209-1	6526268	6534718	6498339	6519775	0.29	cps
Bismuth	209-2	4298344	4340634	4387482	4342153	1.03	cps
Bromine	81-1	11761	11868	11825	11818	0.45	cps
Bromine	81-2	617	570	683	623	9.14	cps
Cadmium	108-1	647	677	687	670	3.11	cps
Cadmium	106-1	4254	3981	4047	4094	3.48	cps
Cadmium	111-1	7889	7617	8037	7848	2.71	cps
Calcium	43-1	271443	275763	277991	275066	1.21	cps
Calcium	44-1	4113429	4147172	4183333	4147978	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	432005	432931	430611	431849	0.27	cps
Cobalt	59-2	367595	365266	365924	366262	0.33	cps
Copper	63-2	1473302	1459851	1460785	1464646	0.51	cps
Dysprosium	156-1	100681	101282	103112	101691	1.24	cps
Dysprosium	156-2	75149	75870	76765	75928	1.07	cps
Erbium	164-1	73187	75100	75630	74639	1.72	cps
Erbium	164-2	44133	44775	44688	44532	0.78	cps
Gadolinium	160-1	88558	91506	90600	90221	1.67	cps
Gadolinium	160-2	57497	57387	56945	57276	0.51	cps
Holmium	165-1	10296002	10355269	10569804	10407025	1.38	cps
Holmium	165-2	6088741	6157368	6153002	6133037	0.63	cps
Indium	115-1	7685206	7567730	7684072	7645669	0.88	cps
Indium	115-2	2370637	2344850	2329788	2348425	0.88	cps
Iron	56-2	407623434	405327741	407993887	406981687	0.35	cps
Iron	57-2	10232378	9994256	10056819	10094484	1.22	cps
Iron	54-2	22226877	22119276	22196146	22180766	0.25	cps
Krypton	83-1	283	300	213	266	17.32	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-17	Instrumnet Name :	P7
Client Sample ID :	MYE4S6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:11:06	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	707937	708798	709902	708879	0.14	cps
Lead	207-1	615355	623032	633315	623901	1.44	cps
Lead	208-1	2798856	2827405	2835493	2820585	0.68	cps
Lithium	6-1	1155466	1136633	1149251	1147117	0.84	cps
Magnesium	24-2	8430342	8463889	8381348	8425193	0.49	cps
Manganese	55-2	7506113	7507490	7570543	7528049	0.49	cps
Molybdenum	94-1	135093	138160	140526	137926	1.97	cps
Molybdenum	95-1	8182	8062	8246	8163	1.14	cps
Molybdenum	96-1	37047	37197	37832	37359	1.12	cps
Molybdenum	97-1	5101	5188	5158	5149	0.86	cps
Molybdenum	98-1	12682	12772	13006	12820	1.30	cps
Neodymium	150-1	193353	197473	200211	197012	1.75	cps
Neodymium	150-2	101827	99884	98121	99944	1.85	cps
Nickel	60-2	193617	193576	194040	193744	0.13	cps
Phosphorus	31-2	28226	28897	27922	28349	1.76	cps
Potassium	39-2	3638427	3581699	3580079	3600068	0.92	cps
Rhodium	103-1	6856919	6948171	6863920	6889670	0.74	cps
Rhodium	103-2	3951029	3980645	3918553	3950075	0.79	cps
Scandium	45-1	4258462	4308604	4329443	4298836	0.85	cps
Scandium	45-2	397098	396226	397054	396793	0.12	cps
Selenium	82-1	539	579	674	597	11.64	cps
Selenium	77-2	243	257	350	283	20.51	cps
Selenium	78-2	457	500	460	472	5.11	cps
Silicon	28-1	13310215	13562510	13629144	13500623	1.25	cps
Silver	107-1	7692	7929	7692	7771	1.76	cps
Silver	109-1	7282	7395	7582	7420	2.04	cps
Sodium	23-2	116731	116765	117027	116841	0.14	cps
Strontium	86-1	426976	434495	439234	433568	1.43	cps
Strontium	88-1	3871922	3958263	3928722	3919635	1.12	cps
Sulfur	34-1	148846	148870	149402	149039	0.21	cps
Terbium	159-1	10454151	10534122	10541201	10509825	0.46	cps
Terbium	159-2	6124832	6117640	6081457	6107976	0.38	cps
Thallium	203-1	4724	5078	4934	4912	3.62	cps
Thallium	205-1	11672	12366	12262	12100	3.09	cps
Tin	118-1	26404	26181	27556	26714	2.76	cps
Titanium	47-1	1300924	1316036	1349092	1322017	1.86	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-17	Instrumnet Name :	P7
Client Sample ID :	MYE4S6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:11:06	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50120	51251	49749	50374	1.55	cps
Vanadium	51-2	846239	833733	837743	839239	0.76	cps
Yttrium	89-1	13131359	13228600	13325972	13228644	0.74	cps
Yttrium	89-2	3230583	3186568	3239729	3218960	0.88	cps
Zinc	66-2	207325	206035	205805	206388	0.40	cps
Zirconium	90-1	355041	365989	365993	362341	1.74	cps
Zirconium	91-1	79966	80590	82477	81011	1.61	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-18	Instrumnet Name :	P7
Client Sample ID :	MYE4S7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:14:11	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10330438	10315199	10291912	10312516	0.19	cps
Antimony	121-1	37399	38689	38384	38157	1.77	cps
Arsenic	75-2	86811	87331	87999	87380	0.68	cps
Barium	135-1	1780714	1785319	1783879	1783304	0.13	cps
Barium	137-1	2995463	3098293	3049430	3047728	1.69	cps
Beryllium	9-1	2184	2645	2606	2478	10.32	cps
Bismuth	209-1	6502231	6477943	6534593	6504922	0.44	cps
Bismuth	209-2	4308563	4362757	4341258	4337526	0.63	cps
Bromine	81-1	11621	11538	11821	11660	1.25	cps
Bromine	81-2	620	693	670	661	5.67	cps
Cadmium	108-1	777	773	713	754	4.72	cps
Cadmium	106-1	4104	4301	4201	4202	2.34	cps
Cadmium	111-1	9838	9861	9753	9817	0.58	cps
Calcium	43-1	269993	276941	277032	274655	1.47	cps
Calcium	44-1	4078835	4163382	4188358	4143525	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	466729	466909	464892	466176	0.24	cps
Cobalt	59-2	379854	384233	379093	381060	0.73	cps
Copper	63-2	2165455	2187897	2155906	2169753	0.76	cps
Dysprosium	156-1	102235	103360	104357	103317	1.03	cps
Dysprosium	156-2	76165	76943	77073	76727	0.64	cps
Erbium	164-1	75187	76773	76930	76297	1.26	cps
Erbium	164-2	45089	45383	45136	45203	0.35	cps
Gadolinium	160-1	92271	92606	93328	92735	0.58	cps
Gadolinium	160-2	58522	59023	58803	58783	0.43	cps
Holmium	165-1	10291561	10212278	10361103	10288314	0.72	cps
Holmium	165-2	6226414	6102314	6018532	6115753	1.71	cps
Indium	115-1	7565271	7603626	7507420	7558772	0.64	cps
Indium	115-2	2344439	2326927	2342304	2337890	0.41	cps
Iron	56-2	427247967	423533060	427879767	426220265	0.55	cps
Iron	57-2	10517207	10513542	10391683	10474144	0.68	cps
Iron	54-2	23164987	23065478	23158658	23129708	0.24	cps
Krypton	83-1	243	270	313	276	12.82	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-18	Instrumnet Name :	P7
Client Sample ID :	MYE4S7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:14:11	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	955971	972175	985322	971156	1.51	cps
Lead	207-1	843186	862215	848720	851374	1.15	cps
Lead	208-1	4128032	4215214	4195301	4179516	1.09	cps
Lithium	6-1	1159975	1178291	1149297	1162521	1.26	cps
Magnesium	24-2	8915454	8910001	8873669	8899708	0.26	cps
Manganese	55-2	8272193	8226768	8269191	8256051	0.31	cps
Molybdenum	94-1	116502	119684	122103	119430	2.35	cps
Molybdenum	95-1	8182	8513	8833	8509	3.82	cps
Molybdenum	96-1	34116	34965	34731	34604	1.27	cps
Molybdenum	97-1	5194	5234	5594	5341	4.13	cps
Molybdenum	98-1	13276	13183	13363	13274	0.68	cps
Neodymium	150-1	196033	198915	201303	198750	1.33	cps
Neodymium	150-2	100525	101371	100525	100807	0.48	cps
Nickel	60-2	188499	187733	186849	187693	0.44	cps
Phosphorus	31-2	29712	29685	29305	29567	0.77	cps
Potassium	39-2	3830867	3848373	3835213	3838151	0.24	cps
Rhodium	103-1	6813425	6934029	6814811	6854089	1.01	cps
Rhodium	103-2	3908710	3914167	3864146	3895674	0.70	cps
Scandium	45-1	4314784	4303475	4337837	4318699	0.41	cps
Scandium	45-2	393819	395484	393733	394345	0.25	cps
Selenium	82-1	574	615	574	588	4.03	cps
Selenium	77-2	390	320	367	359	9.93	cps
Selenium	78-2	450	457	503	470	6.18	cps
Silicon	28-1	20498631	20912508	21310761	20907300	1.94	cps
Silver	107-1	11998	11478	11908	11795	2.36	cps
Silver	109-1	10587	10821	11341	10916	3.54	cps
Sodium	23-2	115959	114858	115804	115541	0.52	cps
Strontium	86-1	327923	336161	337777	333954	1.58	cps
Strontium	88-1	2971104	3006935	3048185	3008742	1.28	cps
Sulfur	34-1	147823	148729	146756	147769	0.67	cps
Terbium	159-1	10427807	10596950	10491104	10505287	0.81	cps
Terbium	159-2	6062154	6103783	5954431	6040123	1.28	cps
Thallium	203-1	5301	5228	5505	5344	2.68	cps
Thallium	205-1	12743	12763	13066	12857	1.41	cps
Tin	118-1	27166	27800	28061	27676	1.66	cps
Titanium	47-1	1487072	1573125	1578922	1546373	3.33	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-18	Instrumnet Name :	P7
Client Sample ID :	MYE4S7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:14:11	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47203	48966	48949	48373	2.09	cps
Vanadium	51-2	873713	876733	878810	876419	0.29	cps
Yttrium	89-1	13197920	13154752	13279381	13210684	0.48	cps
Yttrium	89-2	3174635	3201093	3177439	3184389	0.46	cps
Zinc	66-2	241533	242465	241113	241703	0.29	cps
Zirconium	90-1	302510	312865	313102	309492	1.95	cps
Zirconium	91-1	68197	69487	70435	69373	1.62	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-19	Instrumnet Name :	P7
Client Sample ID :	MYE4S8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:17:13	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8559390	8494159	8569153	8540901	0.48	cps
Antimony	121-1	39407	40430	40704	40180	1.70	cps
Arsenic	75-2	83976	84774	84063	84271	0.52	cps
Barium	135-1	1397473	1421859	1434045	1417792	1.31	cps
Barium	137-1	2613328	2657143	2693569	2654680	1.51	cps
Beryllium	9-1	2378	2461	2345	2395	2.51	cps
Bismuth	209-1	6511638	6659757	6534385	6568593	1.21	cps
Bismuth	209-2	4324463	4366254	4420989	4370569	1.11	cps
Bromine	81-1	11888	12038	12502	12143	2.63	cps
Bromine	81-2	610	730	683	674	8.97	cps
Cadmium	108-1	690	640	683	671	4.05	cps
Cadmium	106-1	4037	3911	3894	3947	1.99	cps
Cadmium	111-1	9445	9311	9616	9457	1.62	cps
Calcium	43-1	236394	241329	244786	240836	1.75	cps
Calcium	44-1	3611026	3638934	3730869	3660276	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	417167	416154	413588	415636	0.44	cps
Cobalt	59-2	360065	359935	359866	359955	0.03	cps
Copper	63-2	1634475	1636561	1618984	1630007	0.59	cps
Dysprosium	156-1	91573	92529	92287	92130	0.54	cps
Dysprosium	156-2	67247	69189	68502	68313	1.44	cps
Erbium	164-1	67961	69468	68627	68685	1.10	cps
Erbium	164-2	40044	41000	41207	40750	1.52	cps
Gadolinium	160-1	81797	84000	84281	83359	1.63	cps
Gadolinium	160-2	52675	52157	52404	52412	0.49	cps
Holmium	165-1	10260107	10404528	10441129	10368588	0.92	cps
Holmium	165-2	6134492	6140059	6216311	6163621	0.74	cps
Indium	115-1	7425620	7532181	7726418	7561406	2.02	cps
Indium	115-2	2374519	2340133	2352693	2355782	0.74	cps
Iron	56-2	392793141	392706687	394739434	393413087	0.29	cps
Iron	57-2	9812871	9731355	9675294	9739840	0.71	cps
Iron	54-2	21598794	21378296	21483494	21486861	0.51	cps
Krypton	83-1	270	213	233	239	12.03	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-19	Instrumnet Name :	P7
Client Sample ID :	MYE4S8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:17:13	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	903006	919217	922759	914994	1.15	cps
Lead	207-1	804038	814669	820487	813065	1.03	cps
Lead	208-1	3893812	4019188	3999811	3970937	1.70	cps
Lithium	6-1	1121156	1132824	1145099	1133026	1.06	cps
Magnesium	24-2	7601192	7537064	7586540	7574932	0.44	cps
Manganese	55-2	7555113	7572741	7694762	7607539	1.00	cps
Molybdenum	94-1	92104	94391	93614	93370	1.25	cps
Molybdenum	95-1	8923	8873	9213	9003	2.04	cps
Molybdenum	96-1	29797	30539	30455	30264	1.34	cps
Molybdenum	97-1	5558	5571	5688	5606	1.28	cps
Molybdenum	98-1	13626	13760	14107	13831	1.79	cps
Neodymium	150-1	174792	176571	177623	176329	0.81	cps
Neodymium	150-2	88774	89458	88089	88774	0.77	cps
Nickel	60-2	173244	173872	174348	173821	0.32	cps
Phosphorus	31-2	28209	28413	28971	28531	1.38	cps
Potassium	39-2	3478798	3487233	3485857	3483963	0.13	cps
Rhodium	103-1	6792669	6905817	6888483	6862323	0.89	cps
Rhodium	103-2	3944502	3963363	3916079	3941315	0.60	cps
Scandium	45-1	4154450	4253025	4278222	4228566	1.55	cps
Scandium	45-2	388992	389418	389070	389160	0.06	cps
Selenium	82-1	560	625	625	603	6.24	cps
Selenium	77-2	270	283	293	282	4.15	cps
Selenium	78-2	503	490	470	488	3.44	cps
Silicon	28-1	19305776	19558497	20106603	19656958	2.08	cps
Silver	107-1	9763	9800	9797	9787	0.21	cps
Silver	109-1	8759	9453	9293	9169	3.96	cps
Sodium	23-2	116956	115885	116510	116450	0.46	cps
Strontium	86-1	300982	305814	306544	304447	0.99	cps
Strontium	88-1	2748584	2750244	2774702	2757844	0.53	cps
Sulfur	34-1	155196	155017	155004	155072	0.07	cps
Terbium	159-1	10363458	10495629	10613361	10490816	1.19	cps
Terbium	159-2	6115237	6057723	6058155	6077038	0.54	cps
Thallium	203-1	7756	7692	7739	7729	0.43	cps
Thallium	205-1	18302	18176	18720	18399	1.55	cps
Tin	118-1	27894	28869	29377	28713	2.62	cps
Titanium	47-1	1326402	1343877	1345527	1338602	0.79	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-19	Instrumnet Name :	P7
Client Sample ID :	MYE4S8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:17:13	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45481	44839	45859	45393	1.14	cps
Vanadium	51-2	812536	808414	811294	810748	0.26	cps
Yttrium	89-1	13118269	13129989	13094891	13114383	0.14	cps
Yttrium	89-2	3158822	3190269	3147117	3165403	0.70	cps
Zinc	66-2	261455	262456	262845	262252	0.27	cps
Zirconium	90-1	232162	237726	241545	237144	1.99	cps
Zirconium	91-1	53286	54430	54427	54048	1.22	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-20	Instrumnet Name :	P7
Client Sample ID :	MYE4S9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:20:17	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8905913	8948320	9016709	8956981	0.62	cps
Antimony	121-1	30669	31318	32376	31454	2.74	cps
Arsenic	75-2	91587	91402	91261	91417	0.18	cps
Barium	135-1	1747916	1771562	1754399	1757959	0.70	cps
Barium	137-1	3021147	3056671	3047864	3041894	0.61	cps
Beryllium	9-1	2222	2261	2261	2248	1.00	cps
Bismuth	209-1	6696011	6632826	6530243	6619694	1.26	cps
Bismuth	209-2	4281715	4350790	4312600	4315035	0.80	cps
Bromine	81-1	10847	11168	11825	11280	4.42	cps
Bromine	81-2	440	510	543	498	10.60	cps
Cadmium	108-1	693	770	833	766	9.16	cps
Cadmium	106-1	4044	4101	4064	4069	0.71	cps
Cadmium	111-1	10938	11488	10784	11070	3.34	cps
Calcium	43-1	262138	268061	268400	266200	1.32	cps
Calcium	44-1	3961018	4088129	4068677	4039275	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	392433	396310	395470	394738	0.52	cps
Cobalt	59-2	331581	334384	333194	333053	0.42	cps
Copper	63-2	1911316	1941229	1918492	1923679	0.81	cps
Dysprosium	156-1	95891	96985	97428	96768	0.82	cps
Dysprosium	156-2	71558	72972	71856	72128	1.03	cps
Erbium	164-1	68845	70346	68594	69262	1.37	cps
Erbium	164-2	40973	40903	40646	40841	0.42	cps
Gadolinium	160-1	83896	84707	85945	84849	1.22	cps
Gadolinium	160-2	54224	54221	53441	53962	0.84	cps
Holmium	165-1	10360493	10296174	10411791	10356152	0.56	cps
Holmium	165-2	6051530	6085920	6153002	6096818	0.85	cps
Indium	115-1	7511720	7573391	7415238	7500116	1.06	cps
Indium	115-2	2329473	2351099	2276505	2319026	1.65	cps
Iron	56-2	365705821	364820515	361459075	363995137	0.62	cps
Iron	57-2	9011163	9092556	8976999	9026906	0.66	cps
Iron	54-2	19991768	19967777	19941854	19967133	0.13	cps
Krypton	83-1	227	253	223	234	7.01	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-20	Instrumnet Name :	P7
Client Sample ID :	MYE4S9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:20:17	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1090713	1106524	1104334	1100524	0.78	cps
Lead	207-1	973576	985347	982826	980583	0.63	cps
Lead	208-1	4756176	4830962	4772528	4786555	0.82	cps
Lithium	6-1	1153974	1168008	1166257	1162746	0.66	cps
Magnesium	24-2	8552261	8560537	8516943	8543247	0.27	cps
Manganese	55-2	9189407	9142155	9018169	9116577	0.97	cps
Molybdenum	94-1	78224	80161	81345	79910	1.97	cps
Molybdenum	95-1	7235	7559	7429	7407	2.20	cps
Molybdenum	96-1	25723	25656	26554	25978	1.93	cps
Molybdenum	97-1	4454	4611	4901	4655	4.87	cps
Molybdenum	98-1	11451	11411	11688	11517	1.30	cps
Neodymium	150-1	184149	187894	188441	186828	1.25	cps
Neodymium	150-2	95631	95353	95179	95388	0.24	cps
Nickel	60-2	186005	184274	184588	184956	0.50	cps
Phosphorus	31-2	31299	31770	31048	31372	1.17	cps
Potassium	39-2	3168556	3170337	3147986	3162293	0.39	cps
Rhodium	103-1	6808004	6837742	6810583	6818776	0.24	cps
Rhodium	103-2	3932343	3854356	3888060	3891586	1.01	cps
Scandium	45-1	4146813	4245275	4233153	4208413	1.28	cps
Scandium	45-2	385577	383609	382828	384004	0.37	cps
Selenium	82-1	531	587	609	576	6.94	cps
Selenium	77-2	333	313	320	322	3.16	cps
Selenium	78-2	600	397	460	486	21.43	cps
Silicon	28-1	24105790	24788535	25338478	24744268	2.50	cps
Silver	107-1	11251	11405	11465	11373	0.97	cps
Silver	109-1	10390	11234	11064	10896	4.10	cps
Sodium	23-2	114596	115559	115566	115240	0.48	cps
Strontium	86-1	340119	344970	350919	345336	1.57	cps
Strontium	88-1	3062192	3150446	3155696	3122778	1.68	cps
Sulfur	34-1	146740	147787	149311	147946	0.87	cps
Terbium	159-1	10428257	10440913	10504793	10457988	0.39	cps
Terbium	159-2	6078734	6055770	6073627	6069377	0.20	cps
Thallium	203-1	6131	6118	6161	6137	0.36	cps
Thallium	205-1	14521	14261	14725	14502	1.60	cps
Tin	118-1	26057	26000	26378	26145	0.78	cps
Titanium	47-1	1291036	1314920	1330512	1312156	1.52	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-20	Instrumnet Name :	P7
Client Sample ID :	MYE4S9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:20:17	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42929	43668	43233	43277	0.86	cps
Vanadium	51-2	731835	729518	724172	728508	0.54	cps
Yttrium	89-1	12994895	13175244	13174706	13114948	0.79	cps
Yttrium	89-2	3125175	3124816	3111660	3120551	0.25	cps
Zinc	66-2	275264	273851	275443	274853	0.32	cps
Zirconium	90-1	203820	205206	205166	204731	0.39	cps
Zirconium	91-1	45601	45848	48011	46486	2.85	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-21	Instrumnet Name :	P7
Client Sample ID :	MYE4T0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:23:19	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9493584	9534465	9485032	9504361	0.28	cps
Antimony	121-1	30048	31114	31277	30813	2.17	cps
Arsenic	75-2	66618	66387	66016	66341	0.46	cps
Barium	135-1	1707570	1748578	1764806	1740318	1.69	cps
Barium	137-1	2993215	2983358	3012690	2996421	0.50	cps
Beryllium	9-1	2378	2245	2278	2300	3.02	cps
Bismuth	209-1	6406891	6517194	6390429	6438171	1.07	cps
Bismuth	209-2	4564092	4288583	4342299	4398325	3.32	cps
Bromine	81-1	11678	12225	12432	12112	3.22	cps
Bromine	81-2	687	550	663	633	11.54	cps
Cadmium	108-1	637	533	543	571	9.98	cps
Cadmium	106-1	3927	3691	3894	3837	3.34	cps
Cadmium	111-1	5984	6161	6313	6152	2.67	cps
Calcium	43-1	316460	323731	327422	322537	1.73	cps
Calcium	44-1	4811239	4887883	4898325	4865816	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	372143	376210	371142	373165	0.72	cps
Cobalt	59-2	304429	304172	304021	304207	0.07	cps
Copper	63-2	1148660	1140278	1153326	1147421	0.58	cps
Dysprosium	156-1	92414	92767	92999	92727	0.32	cps
Dysprosium	156-2	68797	68734	69434	68988	0.56	cps
Erbium	164-1	65439	65868	67308	66205	1.48	cps
Erbium	164-2	39041	39375	40375	39597	1.75	cps
Gadolinium	160-1	80828	83077	83530	82479	1.75	cps
Gadolinium	160-2	52046	51946	52334	52109	0.39	cps
Holmium	165-1	10279799	10202251	10360607	10280885	0.77	cps
Holmium	165-2	6347064	6063731	5978671	6129822	3.15	cps
Indium	115-1	7531484	7452406	7403477	7462456	0.87	cps
Indium	115-2	2416403	2312820	2337061	2355428	2.30	cps
Iron	56-2	338515242	338943635	341130315	339529730	0.41	cps
Iron	57-2	8330333	8350682	8358732	8346582	0.18	cps
Iron	54-2	18547476	18457598	18612755	18539276	0.42	cps
Krypton	83-1	227	230	323	260	21.11	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-21	Instrumnet Name :	P7
Client Sample ID :	MYE4T0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:23:19	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	483789	495678	491684	490384	1.23	cps
Lead	207-1	422716	431238	428766	427573	1.03	cps
Lead	208-1	1927804	1961571	1962180	1950518	1.01	cps
Lithium	6-1	1121229	1139728	1137955	1132971	0.90	cps
Magnesium	24-2	7493783	7666531	7569167	7576494	1.14	cps
Manganese	55-2	6367160	6316674	6433541	6372459	0.92	cps
Molybdenum	94-1	121777	127147	126337	125087	2.31	cps
Molybdenum	95-1	5775	5835	5825	5811	0.55	cps
Molybdenum	96-1	30943	31116	31621	31227	1.13	cps
Molybdenum	97-1	3694	3731	3724	3716	0.53	cps
Molybdenum	98-1	8783	9050	9163	8998	2.17	cps
Neodymium	150-1	184324	186800	187793	186306	0.96	cps
Neodymium	150-2	93608	95192	94980	94593	0.91	cps
Nickel	60-2	186237	186774	186244	186418	0.17	cps
Phosphorus	31-2	30427	29599	29822	29949	1.43	cps
Potassium	39-2	2454929	2477901	2491641	2474823	0.75	cps
Rhodium	103-1	6749368	6800951	6773861	6774727	0.38	cps
Rhodium	103-2	4032946	3918781	3910552	3954093	1.73	cps
Scandium	45-1	4081087	4182366	4231822	4165092	1.84	cps
Scandium	45-2	402747	386889	382416	390684	2.73	cps
Selenium	82-1	544	623	500	556	11.22	cps
Selenium	77-2	293	310	363	322	11.35	cps
Selenium	78-2	537	393	440	457	16.01	cps
Silicon	28-1	17821657	18123148	18185688	18043498	1.08	cps
Silver	107-1	5955	5885	5938	5926	0.62	cps
Silver	109-1	5391	5418	5801	5537	4.14	cps
Sodium	23-2	98841	98942	98766	98850	0.09	cps
Strontium	86-1	437762	444223	449205	443730	1.29	cps
Strontium	88-1	3966130	4023769	4079261	4023053	1.41	cps
Sulfur	34-1	142430	142636	145044	143370	1.01	cps
Terbium	159-1	10405687	10582097	10406570	10464785	0.97	cps
Terbium	159-2	6390357	6028938	5996923	6138740	3.56	cps
Thallium	203-1	4171	3961	4134	4088	2.74	cps
Thallium	205-1	9357	9287	9380	9341	0.52	cps
Tin	118-1	21443	21696	21990	21710	1.26	cps
Titanium	47-1	1215831	1239627	1249829	1235096	1.41	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-21	Instrumnet Name :	P7
Client Sample ID :	MYE4T0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:23:19	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44410	45621	45925	45319	1.77	cps
Vanadium	51-2	654530	655018	654636	654728	0.04	cps
Yttrium	89-1	12948841	12918666	12999964	12955824	0.32	cps
Yttrium	89-2	3282277	3113177	3125615	3173690	2.97	cps
Zinc	66-2	204966	205679	204091	204912	0.39	cps
Zirconium	90-1	323207	336465	330589	330087	2.01	cps
Zirconium	91-1	71188	73596	75426	73403	2.90	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:26:25	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10609008	10690770	10640315	10646698	0.39	cps
Antimony	121-1	4698198	4793959	4861158	4784438	1.71	cps
Arsenic	75-2	241494	240525	241351	241123	0.22	cps
Barium	135-1	6485416	6692955	6582092	6586821	1.58	cps
Barium	137-1	11091850	11344733	11300274	11245619	1.20	cps
Beryllium	9-1	660363	675662	686380	674135	1.94	cps
Bismuth	209-1	6238355	6428202	6278335	6314964	1.58	cps
Bismuth	209-2	4165667	4177738	4153721	4165709	0.29	cps
Bromine	81-1	10040	9623	9967	9877	2.25	cps
Bromine	81-2	87	37	83	69	40.58	cps
Cadmium	108-1	87649	88635	89292	88526	0.93	cps
Cadmium	106-1	127375	127863	130422	128554	1.27	cps
Cadmium	111-1	1181870	1198142	1223569	1201193	1.75	cps
Calcium	43-1	6014639	6171684	6263511	6149945	2.05	cps
Calcium	44-1	95745139	97526525	99491539	97587734	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1875491	1897646	1883388	1885508	0.60	cps
Cobalt	59-2	3037169	3008140	3023625	3022978	0.48	cps
Copper	63-2	20248901	20217049	20229542	20231831	0.08	cps
Dysprosium	156-1	743	720	770	744	3.36	cps
Dysprosium	156-2	473	467	483	474	1.77	cps
Erbium	164-1	290	347	307	314	9.26	cps
Erbium	164-2	227	193	190	203	9.97	cps
Gadolinium	160-1	220	260	290	257	13.68	cps
Gadolinium	160-2	443	350	383	392	12.06	cps
Holmium	165-1	10477749	10606081	10583835	10555888	0.65	cps
Holmium	165-2	6329812	6279619	6208495	6272642	0.97	cps
Indium	115-1	7537284	7530938	7571115	7546446	0.29	cps
Indium	115-2	2329637	2348177	2310522	2329445	0.81	cps
Iron	56-2	408308621	405796061	409002741	407702474	0.41	cps
Iron	57-2	10104493	10201864	10162025	10156127	0.48	cps
Iron	54-2	22507283	22561929	22544039	22537750	0.12	cps
Krypton	83-1	183	177	233	198	15.66	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:26:25	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19503955	19895059	19816057	19738357	1.05	cps
Lead	207-1	17126103	17526281	17512681	17388355	1.31	cps
Lead	208-1	78444193	80201905	79186197	79277432	1.11	cps
Lithium	6-1	1186177	1187431	1147291	1173633	1.94	cps
Magnesium	24-2	87708792	87621292	87737022	87689035	0.07	cps
Manganese	55-2	14033661	14027146	14054137	14038315	0.10	cps
Molybdenum	94-1	17874731	18105438	18154296	18044821	0.83	cps
Molybdenum	95-1	26166225	26442774	26688919	26432639	0.99	cps
Molybdenum	96-1	28271410	28522709	28873632	28555917	1.06	cps
Molybdenum	97-1	16104899	16306421	16669291	16360204	1.75	cps
Molybdenum	98-1	41697411	42274443	43172103	42381319	1.75	cps
Neodymium	150-1	467	487	433	462	5.83	cps
Neodymium	150-2	150	187	150	162	13.05	cps
Nickel	60-2	722359	725360	721926	723215	0.26	cps
Phosphorus	31-2	110659	109122	109347	109709	0.76	cps
Potassium	39-2	53286641	52863034	53209451	53119709	0.42	cps
Rhodium	103-1	6658994	6689014	6664573	6670860	0.24	cps
Rhodium	103-2	3707715	3788053	3748595	3748121	1.07	cps
Scandium	45-1	4095045	4127908	4105738	4109563	0.41	cps
Scandium	45-2	382327	381649	381484	381820	0.12	cps
Selenium	82-1	72459	73829	73885	73391	1.10	cps
Selenium	77-2	6938	6755	6875	6856	1.36	cps
Selenium	78-2	23252	23031	22637	22973	1.35	cps
Silicon	28-1	41519859	42246976	42628603	42131812	1.34	cps
Silver	107-1	6002607	6106561	6165263	6091477	1.35	cps
Silver	109-1	5720336	5783796	5837555	5780562	1.02	cps
Sodium	23-2	147217494	146837864	147467924	147174428	0.22	cps
Strontium	86-1	37749754	37974052	38640688	38121498	1.22	cps
Strontium	88-1	330495648	335998415	339639988	335378017	1.37	cps
Sulfur	34-1	505449	509291	520183	511641	1.49	cps
Terbium	159-1	10800305	10720841	10812979	10778042	0.46	cps
Terbium	159-2	6186909	6263237	6118223	6189456	1.17	cps
Thallium	203-1	4874352	5041498	5020675	4978842	1.83	cps
Thallium	205-1	11761308	11958767	11955267	11891781	0.95	cps
Tin	118-1	4039587	4061024	4135744	4078785	1.24	cps
Titanium	47-1	6073184	6201475	6254945	6176535	1.51	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:26:25	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16060711	16221626	16548926	16277088	1.53	cps
Vanadium	51-2	1674007	1674709	1685142	1677952	0.37	cps
Yttrium	89-1	12470003	12756282	12626649	12617645	1.14	cps
Yttrium	89-2	3013376	3013441	2981033	3002616	0.62	cps
Zinc	66-2	3316277	3330746	3342462	3329828	0.39	cps
Zirconium	90-1	8218870	8417941	8434302	8357038	1.44	cps
Zirconium	91-1	1838244	1860259	1894054	1864186	1.51	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:29:06	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2360	2434	2520	2438	3.29	cps
Antimony	121-1	2850	2784	3000	2878	3.86	cps
Arsenic	75-2	33	27	57	39	40.51	cps
Barium	135-1	710	700	640	683	5.54	cps
Barium	137-1	1257	1127	1100	1161	7.22	cps
Beryllium	9-1	78	106	94	93	15.10	cps
Bismuth	209-1	7151627	7046589	6911353	7036523	1.71	cps
Bismuth	209-2	4671212	4395661	4715895	4594256	3.78	cps
Bromine	81-1	9670	9133	9747	9516	3.51	cps
Bromine	81-2	77	60	50	62	21.65	cps
Cadmium	108-1	20	23	7	17	52.90	cps
Cadmium	106-1	2917	2760	2654	2777	4.77	cps
Cadmium	111-1	2128	2019	1956	2034	4.27	cps
Calcium	43-1	833	717	660	737	12.00	cps
Calcium	44-1	17424	16906	16866	17066	1.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	650	703	603	652	7.67	cps
Cobalt	59-2	270	247	237	251	6.81	cps
Copper	63-2	1810	1717	1787	1771	2.74	cps
Dysprosium	156-1	423	470	463	452	5.58	cps
Dysprosium	156-2	100	83	113	99	15.20	cps
Erbium	164-1	73	107	83	88	19.49	cps
Erbium	164-2	50	53	53	52	3.68	cps
Gadolinium	160-1	50	40	40	43	13.32	cps
Gadolinium	160-2	303	270	277	283	6.22	cps
Holmium	165-1	11014182	10856436	10632827	10834482	1.77	cps
Holmium	165-2	6327067	5948361	6374896	6216775	3.76	cps
Indium	115-1	8230859	8085588	7908603	8075016	2.00	cps
Indium	115-2	2526318	2369521	2521038	2472292	3.60	cps
Iron	56-2	82646	84140	81395	82727	1.66	cps
Iron	57-2	2634	3017	2770	2807	6.92	cps
Iron	54-2	5384	5471	5284	5380	1.74	cps
Krypton	83-1	190	180	230	200	13.23	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:29:06	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2080	2074	1877	2010	5.75	cps
Lead	207-1	1957	1757	1700	1805	7.47	cps
Lead	208-1	8511	8118	7554	8061	5.97	cps
Lithium	6-1	1240215	1221364	1220697	1227425	0.90	cps
Magnesium	24-2	4781	4744	4604	4710	1.98	cps
Manganese	55-2	2290	2300	2190	2260	2.69	cps
Molybdenum	94-1	1300	1227	1247	1258	3.01	cps
Molybdenum	95-1	1567	1627	1597	1597	1.88	cps
Molybdenum	96-1	1890	1757	1740	1796	4.58	cps
Molybdenum	97-1	1060	983	1010	1018	3.82	cps
Molybdenum	98-1	2707	2394	2490	2530	6.34	cps
Neodymium	150-1	70	40	40	50	34.64	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	173	133	183	163	16.20	cps
Phosphorus	31-2	170	137	137	148	13.02	cps
Potassium	39-2	48611	48935	47975	48507	1.01	cps
Rhodium	103-1	7534472	7418429	7359198	7437366	1.20	cps
Rhodium	103-2	4184711	3963608	4229942	4126087	3.45	cps
Scandium	45-1	4260480	4246690	4206975	4238048	0.66	cps
Scandium	45-2	377944	355648	382097	371896	3.82	cps
Selenium	82-1	342	387	372	367	6.20	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	240	257	197	231	13.40	cps
Silicon	28-1	217434	212669	211777	213960	1.42	cps
Silver	107-1	853	640	547	680	23.12	cps
Silver	109-1	650	577	437	554	19.55	cps
Sodium	23-2	34779	33797	33343	33973	2.16	cps
Strontium	86-1	1567	1487	1590	1548	3.50	cps
Strontium	88-1	12148	11558	11465	11724	3.16	cps
Sulfur	34-1	159065	159502	161365	159978	0.76	cps
Terbium	159-1	11054189	11070412	10856298	10993633	1.08	cps
Terbium	159-2	6314160	6059638	6408909	6260903	2.88	cps
Thallium	203-1	780	763	680	741	7.23	cps
Thallium	205-1	2090	1720	1660	1823	12.77	cps
Tin	118-1	4214	4461	4544	4406	3.90	cps
Titanium	47-1	507	553	573	544	6.28	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:29:06	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	553	527	483	521	6.78	cps
Vanadium	51-2	200	247	167	204	19.66	cps
Yttrium	89-1	13104786	12825289	12821800	12917291	1.26	cps
Yttrium	89-2	3110617	2971675	3156703	3079665	3.13	cps
Zinc	66-2	1637	1450	1570	1552	6.09	cps
Zirconium	90-1	1137	950	1123	1070	9.73	cps
Zirconium	91-1	293	203	230	242	19.09	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-22	Instrumnet Name :	P7
Client Sample ID :	MYE4T1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:32:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13552361	13479968	13497004	13509778	0.28	cps
Antimony	121-1	33375	34044	34368	33929	1.49	cps
Arsenic	75-2	78007	77836	77983	77942	0.12	cps
Barium	135-1	1916122	1907434	1974791	1932782	1.90	cps
Barium	137-1	3246632	3347509	3378776	3324306	2.08	cps
Beryllium	9-1	2778	2717	2584	2693	3.69	cps
Bismuth	209-1	6570973	6598694	6594782	6588149	0.23	cps
Bismuth	209-2	4365317	4386920	4442467	4398235	0.90	cps
Bromine	81-1	12475	12796	12629	12633	1.27	cps
Bromine	81-2	693	733	667	698	4.81	cps
Cadmium	108-1	713	853	737	768	9.77	cps
Cadmium	106-1	4584	4371	4614	4523	2.93	cps
Cadmium	111-1	6753	6393	6731	6626	3.05	cps
Calcium	43-1	618364	632457	636242	629021	1.50	cps
Calcium	44-1	9469459	9585722	9619438	9558207	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483953	483062	483366	483460	0.09	cps
Cobalt	59-2	361659	361562	358493	360571	0.50	cps
Copper	63-2	1282646	1280310	1270473	1277809	0.51	cps
Dysprosium	156-1	106329	108109	109738	108058	1.58	cps
Dysprosium	156-2	80415	81240	81136	80930	0.55	cps
Erbium	164-1	77007	78029	79773	78270	1.79	cps
Erbium	164-2	47213	46517	46835	46855	0.74	cps
Gadolinium	160-1	94107	95170	95687	94988	0.85	cps
Gadolinium	160-2	61303	60798	60239	60780	0.88	cps
Holmium	165-1	10670838	10614964	10589668	10625157	0.39	cps
Holmium	165-2	6263282	6272966	6277293	6271180	0.11	cps
Indium	115-1	7925462	7926116	7909539	7920372	0.12	cps
Indium	115-2	2405643	2420554	2405861	2410686	0.35	cps
Iron	56-2	421036887	418213780	418315540	419188736	0.38	cps
Iron	57-2	10405959	10300384	10250840	10319061	0.77	cps
Iron	54-2	23022060	22801595	22911310	22911655	0.48	cps
Krypton	83-1	217	317	277	270	18.64	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-22	Instrumnet Name :	P7
Client Sample ID :	MYE4T1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:32:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	572689	568300	580663	573884	1.09	cps
Lead	207-1	498364	499260	504591	500738	0.67	cps
Lead	208-1	2264872	2275557	2300082	2280170	0.79	cps
Lithium	6-1	1121077	1153284	1171514	1148625	2.22	cps
Magnesium	24-2	10236910	10220527	10164610	10207349	0.37	cps
Manganese	55-2	7477434	7530891	7460688	7489671	0.49	cps
Molybdenum	94-1	200318	208621	206586	205175	2.11	cps
Molybdenum	95-1	7609	7545	7946	7700	2.79	cps
Molybdenum	96-1	47009	48289	49022	48107	2.12	cps
Molybdenum	97-1	4547	4848	5114	4836	5.86	cps
Molybdenum	98-1	12299	12038	12509	12282	1.92	cps
Neodymium	150-1	213415	212833	216578	214276	0.94	cps
Neodymium	150-2	108937	109111	106878	108309	1.15	cps
Nickel	60-2	221796	220444	218803	220348	0.68	cps
Phosphorus	31-2	41994	41914	40938	41615	1.41	cps
Potassium	39-2	3039551	3008886	2991111	3013183	0.81	cps
Rhodium	103-1	7133411	7166834	7193467	7164571	0.42	cps
Rhodium	103-2	4021788	4083160	3993312	4032753	1.14	cps
Scandium	45-1	4585633	4652270	4635523	4624475	0.75	cps
Scandium	45-2	419715	422870	419813	420800	0.43	cps
Selenium	82-1	703	543	593	613	13.41	cps
Selenium	77-2	357	310	330	332	7.05	cps
Selenium	78-2	540	500	467	502	7.31	cps
Silicon	28-1	23686112	24202035	24113895	24000681	1.15	cps
Silver	107-1	8156	7559	7285	7667	5.81	cps
Silver	109-1	7419	6902	6828	7050	4.56	cps
Sodium	23-2	160187	157108	157819	158371	1.02	cps
Strontium	86-1	474815	487856	491129	484600	1.78	cps
Strontium	88-1	4362506	4376514	4382871	4373964	0.24	cps
Sulfur	34-1	168228	164542	161972	164914	1.91	cps
Terbium	159-1	10712579	10827287	10937490	10825785	1.04	cps
Terbium	159-2	6277001	6218886	6158912	6218266	0.95	cps
Thallium	203-1	4668	4741	4521	4643	2.41	cps
Thallium	205-1	10995	10911	11075	10993	0.74	cps
Tin	118-1	26935	27530	27443	27303	1.18	cps
Titanium	47-1	1859026	1879031	1911589	1883215	1.41	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-22	Instrumnet Name :	P7
Client Sample ID :	MYE4T1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:32:23	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45588	45213	45467	45423	0.42	cps
Vanadium	51-2	847508	840686	838807	842334	0.54	cps
Yttrium	89-1	13835394	14161596	14011618	14002869	1.17	cps
Yttrium	89-2	3354316	3351121	3381377	3362271	0.49	cps
Zinc	66-2	1312589	1309369	1306798	1309585	0.22	cps
Zirconium	90-1	538861	554696	554066	549207	1.63	cps
Zirconium	91-1	119186	123921	123813	122307	2.21	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:35:25	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1996303	1964478	1961401	1974061	0.98	cps
Antimony	121-1	9653	9697	10411	9920	4.29	cps
Arsenic	75-2	15575	15285	15465	15441	0.95	cps
Barium	135-1	317649	327959	329533	325047	1.99	cps
Barium	137-1	557858	567122	572125	565702	1.28	cps
Beryllium	9-1	617	433	522	524	17.49	cps
Bismuth	209-1	6799405	6641754	6690392	6710517	1.20	cps
Bismuth	209-2	4445859	4204732	4473768	4374786	3.38	cps
Bromine	81-1	9950	10377	10200	10176	2.11	cps
Bromine	81-2	207	200	227	211	6.57	cps
Cadmium	108-1	143	140	130	138	5.04	cps
Cadmium	106-1	2877	2784	2980	2880	3.42	cps
Cadmium	111-1	3044	3031	3245	3107	3.88	cps
Calcium	43-1	53467	54210	54032	53903	0.72	cps
Calcium	44-1	870179	884188	893845	882738	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96865	95678	95117	95887	0.93	cps
Cobalt	59-2	78926	78601	78979	78835	0.26	cps
Copper	63-2	278887	280046	280111	279681	0.25	cps
Dysprosium	156-1	19794	20465	20118	20126	1.67	cps
Dysprosium	156-2	15649	14588	15035	15090	3.53	cps
Erbium	164-1	14571	15198	14768	14846	2.16	cps
Erbium	164-2	9133	8719	8856	8903	2.37	cps
Gadolinium	160-1	17808	18292	18115	18072	1.36	cps
Gadolinium	160-2	11885	11828	11328	11681	2.62	cps
Holmium	165-1	10365563	10570719	10686393	10540892	1.54	cps
Holmium	165-2	6173495	5842810	6161276	6059193	3.09	cps
Indium	115-1	7795812	7914145	7940559	7883505	0.98	cps
Indium	115-2	2397016	2256281	2447023	2366773	4.18	cps
Iron	56-2	85875425	85654029	85671819	85733758	0.14	cps
Iron	57-2	2137084	2143172	2124403	2134886	0.45	cps
Iron	54-2	4671562	4679929	4679564	4677019	0.10	cps
Krypton	83-1	153	227	217	199	19.99	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:35:25	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	152487	155339	156721	154849	1.39	cps
Lead	207-1	134420	137918	137127	136488	1.34	cps
Lead	208-1	610968	619229	619679	616625	0.80	cps
Lithium	6-1	1152263	1131989	1146928	1143727	0.92	cps
Magnesium	24-2	1767022	1769352	1769365	1768579	0.08	cps
Manganese	55-2	2001594	1998096	1999994	1999895	0.09	cps
Molybdenum	94-1	19774	20084	20040	19966	0.84	cps
Molybdenum	95-1	2437	2574	2414	2475	3.49	cps
Molybdenum	96-1	6848	6952	6948	6916	0.85	cps
Molybdenum	97-1	1583	1400	1467	1483	6.26	cps
Molybdenum	98-1	3717	3971	4061	3916	4.55	cps
Neodymium	150-1	38553	37874	39402	38609	1.98	cps
Neodymium	150-2	19524	19684	19684	19630	0.47	cps
Nickel	60-2	38509	39238	38419	38722	1.16	cps
Phosphorus	31-2	5991	5898	5975	5955	0.84	cps
Potassium	39-2	953976	950076	945542	949865	0.44	cps
Rhodium	103-1	7138166	7281842	7174449	7198152	1.04	cps
Rhodium	103-2	3986821	3794562	4080581	3953988	3.69	cps
Scandium	45-1	4158837	4187733	4253697	4200089	1.16	cps
Scandium	45-2	375399	361193	384313	373635	3.12	cps
Selenium	82-1	450	391	388	410	8.59	cps
Selenium	77-2	60	87	43	63	34.52	cps
Selenium	78-2	290	300	273	288	4.68	cps
Silicon	28-1	5059987	5112102	5120221	5097437	0.64	cps
Silver	107-1	1690	1703	1713	1702	0.69	cps
Silver	109-1	1403	1550	1703	1552	9.67	cps
Sodium	23-2	51252	50332	50864	50816	0.91	cps
Strontium	86-1	64022	65870	64708	64866	1.44	cps
Strontium	88-1	557637	567985	574389	566670	1.49	cps
Sulfur	34-1	136089	135649	136577	136105	0.34	cps
Terbium	159-1	10553012	10522856	10585346	10553738	0.30	cps
Terbium	159-2	6045330	5854931	6151815	6017359	2.50	cps
Thallium	203-1	1303	1463	1277	1348	7.49	cps
Thallium	205-1	3227	3267	3274	3256	0.78	cps
Tin	118-1	11925	12672	12622	12407	3.37	cps
Titanium	47-1	298549	304705	304517	302590	1.16	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:35:25	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9907	9724	10471	10034	3.88	cps
Vanadium	51-2	173326	173943	172696	173322	0.36	cps
Yttrium	89-1	12842129	12789522	12773986	12801879	0.28	cps
Yttrium	89-2	3070433	2910641	3136456	3039176	3.82	cps
Zinc	66-2	48596	48425	48629	48550	0.23	cps
Zirconium	90-1	49717	49593	50697	50002	1.21	cps
Zirconium	91-1	10647	11438	11071	11052	3.58	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:38:36	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1972445	1964015	1994996	1977152	0.81	cps
Antimony	121-1	10197	10397	10257	10284	1.00	cps
Arsenic	75-2	16726	16259	16192	16392	1.77	cps
Barium	135-1	320002	326265	329769	325345	1.52	cps
Barium	137-1	557555	563125	567949	562876	0.92	cps
Beryllium	9-1	578	617	522	572	8.30	cps
Bismuth	209-1	6754014	6836284	6554843	6715047	2.16	cps
Bismuth	209-2	4511833	4462655	4506297	4493595	0.60	cps
Bromine	81-1	10370	10027	10520	10306	2.46	cps
Bromine	81-2	277	200	183	220	22.63	cps
Cadmium	108-1	133	137	133	134	1.43	cps
Cadmium	106-1	2627	2720	2660	2669	1.77	cps
Cadmium	111-1	2929	3055	3089	3024	2.79	cps
Calcium	43-1	53450	55080	53678	54069	1.63	cps
Calcium	44-1	863782	890444	887015	880414	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96520	95597	94839	95652	0.88	cps
Cobalt	59-2	77941	78400	78510	78284	0.39	cps
Copper	63-2	278281	281169	280527	279992	0.54	cps
Dysprosium	156-1	20258	20278	20572	20369	0.86	cps
Dysprosium	156-2	15132	14684	14998	14938	1.54	cps
Erbium	164-1	14417	15545	14738	14900	3.90	cps
Erbium	164-2	8646	8903	9360	8970	4.03	cps
Gadolinium	160-1	17558	18502	18466	18175	2.94	cps
Gadolinium	160-2	11868	12085	11772	11908	1.35	cps
Holmium	165-1	10575333	10482782	10530535	10529550	0.44	cps
Holmium	165-2	6212498	6121529	6367976	6234001	2.00	cps
Indium	115-1	7940467	7819686	7837404	7865852	0.83	cps
Indium	115-2	2498147	2461855	2454063	2471355	0.95	cps
Iron	56-2	86292879	86277599	87054425	86541634	0.51	cps
Iron	57-2	2140948	2097476	2157724	2132050	1.46	cps
Iron	54-2	4746304	4725264	4703373	4724980	0.45	cps
Krypton	83-1	177	213	200	197	9.44	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:38:36	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	155394	156806	158775	156992	1.08	cps
Lead	207-1	135514	137885	139336	137578	1.40	cps
Lead	208-1	616631	624785	628095	623171	0.95	cps
Lithium	6-1	1127737	1179415	1152007	1153053	2.24	cps
Magnesium	24-2	1766463	1751290	1763600	1760451	0.46	cps
Manganese	55-2	1950661	1923822	1927537	1934006	0.75	cps
Molybdenum	94-1	18962	19333	19710	19335	1.93	cps
Molybdenum	95-1	2310	2440	2444	2398	3.17	cps
Molybdenum	96-1	6845	6985	6842	6891	1.19	cps
Molybdenum	97-1	1337	1440	1473	1417	5.03	cps
Molybdenum	98-1	3594	3757	3681	3677	2.22	cps
Neodymium	150-1	37750	38429	39763	38647	2.65	cps
Neodymium	150-2	19711	19924	19988	19874	0.73	cps
Nickel	60-2	38409	38028	37948	38128	0.65	cps
Phosphorus	31-2	5868	6011	5721	5867	2.47	cps
Potassium	39-2	955326	949261	947921	950836	0.41	cps
Rhodium	103-1	7135481	7201573	7224048	7187034	0.64	cps
Rhodium	103-2	4067457	4075177	4108863	4083833	0.54	cps
Scandium	45-1	4161107	4177125	4166180	4168137	0.20	cps
Scandium	45-2	380130	377957	380639	379575	0.38	cps
Selenium	82-1	512	483	420	472	10.02	cps
Selenium	77-2	43	73	47	54	30.20	cps
Selenium	78-2	343	273	300	306	11.56	cps
Silicon	28-1	4761590	5021671	4905403	4896221	2.66	cps
Silver	107-1	1670	1667	1710	1682	1.43	cps
Silver	109-1	1457	1430	1590	1492	5.74	cps
Sodium	23-2	46854	47115	47012	46994	0.28	cps
Strontium	86-1	65086	66838	67065	66330	1.63	cps
Strontium	88-1	563209	575886	576033	571710	1.29	cps
Sulfur	34-1	137031	135423	135296	135917	0.71	cps
Terbium	159-1	10756461	10788644	10650671	10731925	0.67	cps
Terbium	159-2	6303758	6262373	6128944	6231692	1.47	cps
Thallium	203-1	1220	1313	1303	1279	4.01	cps
Thallium	205-1	3077	3087	3080	3081	0.17	cps
Tin	118-1	7255	7699	8016	7657	4.99	cps
Titanium	47-1	298913	302830	306375	302706	1.23	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:38:36	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10091	9990	10354	10145	1.85	cps
Vanadium	51-2	172888	170987	171122	171666	0.62	cps
Yttrium	89-1	12667632	12803069	12749207	12739970	0.54	cps
Yttrium	89-2	3080768	3019375	3131745	3077296	1.83	cps
Zinc	66-2	48328	47967	48956	48417	1.03	cps
Zirconium	90-1	48152	49941	49109	49067	1.82	cps
Zirconium	91-1	10801	11211	11294	11102	2.38	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 17:41:45	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	385482	383812	384776	384690	0.22	cps
Antimony	121-1	1970	2044	2194	2069	5.50	cps
Arsenic	75-2	3057	3170	3084	3104	1.91	cps
Barium	135-1	63015	64057	64586	63886	1.25	cps
Barium	137-1	108741	111442	111546	110577	1.44	cps
Beryllium	9-1	183	167	128	159	17.90	cps
Bismuth	209-1	6471075	6744462	6791309	6668949	2.59	cps
Bismuth	209-2	4530065	4489627	4478160	4499284	0.61	cps
Bromine	81-1	9827	9680	9940	9816	1.33	cps
Bromine	81-2	70	83	83	79	9.76	cps
Cadmium	108-1	33	30	30	31	6.18	cps
Cadmium	106-1	2594	2587	2497	2559	2.11	cps
Cadmium	111-1	2012	2020	1960	1997	1.63	cps
Calcium	43-1	10687	10654	10714	10685	0.28	cps
Calcium	44-1	178460	180837	182894	180730	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19249	19396	19192	19279	0.54	cps
Cobalt	59-2	15438	15685	15114	15412	1.86	cps
Copper	63-2	55402	54981	55078	55153	0.40	cps
Dysprosium	156-1	4247	4197	4474	4306	3.42	cps
Dysprosium	156-2	3150	3104	3117	3124	0.77	cps
Erbium	164-1	3080	2954	3054	3029	2.20	cps
Erbium	164-2	1853	1800	1770	1808	2.33	cps
Gadolinium	160-1	3440	3594	3394	3476	3.01	cps
Gadolinium	160-2	2417	2594	2364	2458	4.90	cps
Holmium	165-1	10089035	10328390	10353477	10256968	1.42	cps
Holmium	165-2	6279276	6158378	6189146	6208933	1.01	cps
Indium	115-1	7721654	7836207	7755150	7771004	0.76	cps
Indium	115-2	2436766	2426793	2434745	2432768	0.22	cps
Iron	56-2	16673532	16602674	16546643	16607616	0.38	cps
Iron	57-2	426931	425758	426303	426331	0.14	cps
Iron	54-2	948096	939501	940791	942796	0.49	cps
Krypton	83-1	183	230	187	200	13.02	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 17:41:45	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30170	31273	31019	30820	1.87	cps
Lead	207-1	27337	27568	27321	27409	0.50	cps
Lead	208-1	121437	124150	125032	123540	1.52	cps
Lithium	6-1	1148099	1196862	1169843	1171601	2.09	cps
Magnesium	24-2	350917	350964	350804	350895	0.02	cps
Manganese	55-2	386311	387029	387148	386829	0.12	cps
Molybdenum	94-1	4158	4254	4157	4190	1.33	cps
Molybdenum	95-1	793	747	750	763	3.41	cps
Molybdenum	96-1	1690	1760	1870	1773	5.12	cps
Molybdenum	97-1	487	503	400	463	11.97	cps
Molybdenum	98-1	1177	1213	1167	1186	2.07	cps
Neodymium	150-1	7365	7716	7515	7532	2.33	cps
Neodymium	150-2	3724	4017	3917	3886	3.84	cps
Nickel	60-2	7812	7692	7812	7772	0.89	cps
Phosphorus	31-2	1283	1230	1263	1259	2.14	cps
Potassium	39-2	218397	216365	217083	217282	0.47	cps
Rhodium	103-1	7052142	7219364	7165992	7145833	1.20	cps
Rhodium	103-2	4083143	4065440	4033122	4060568	0.62	cps
Scandium	45-1	4002875	4097736	4033888	4044833	1.20	cps
Scandium	45-2	368977	364315	367649	366980	0.65	cps
Selenium	82-1	412	347	378	379	8.61	cps
Selenium	77-2	10	23	13	16	44.60	cps
Selenium	78-2	217	217	200	211	4.56	cps
Silicon	28-1	1157660	1164592	1189661	1170638	1.44	cps
Silver	107-1	513	413	450	459	11.03	cps
Silver	109-1	417	383	443	414	7.25	cps
Sodium	23-2	29635	28914	28727	29092	1.65	cps
Strontium	86-1	12769	13049	12962	12927	1.11	cps
Strontium	88-1	112147	112735	115949	113610	1.80	cps
Sulfur	34-1	134210	135417	135948	135192	0.66	cps
Terbium	159-1	10333358	10616966	10538779	10496368	1.40	cps
Terbium	159-2	6230415	6100516	6190833	6173921	1.08	cps
Thallium	203-1	383	337	380	367	7.10	cps
Thallium	205-1	927	900	940	922	2.21	cps
Tin	118-1	3724	3527	3510	3587	3.31	cps
Titanium	47-1	58733	58653	58901	58762	0.21	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 17:41:45	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2060	2107	2137	2101	1.84	cps
Vanadium	51-2	33878	33895	33410	33728	0.82	cps
Yttrium	89-1	12256789	12539254	12416451	12404165	1.14	cps
Yttrium	89-2	3023141	2976321	3025097	3008186	0.92	cps
Zinc	66-2	10320	10284	10130	10245	0.98	cps
Zirconium	90-1	9920	10400	9947	10089	2.68	cps
Zirconium	91-1	2214	2377	2277	2289	3.60	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:45:01	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1935118	1979431	1972554	1962367	1.22	cps
Antimony	121-1	142723	144921	142996	143547	0.83	cps
Arsenic	75-2	18221	17868	17364	17817	2.42	cps
Barium	135-1	998391	1015125	1024397	1012638	1.30	cps
Barium	137-1	1856294	1904093	1961493	1907293	2.76	cps
Beryllium	9-1	10654	10793	10559	10669	1.10	cps
Bismuth	209-1	6682754	6646624	6562294	6630557	0.93	cps
Bismuth	209-2	4479408	4462447	4026851	4322902	5.93	cps
Bromine	81-1	10507	10364	10370	10414	0.78	cps
Bromine	81-2	223	167	213	201	15.04	cps
Cadmium	108-1	1210	1340	1260	1270	5.16	cps
Cadmium	106-1	4357	4314	4271	4314	1.00	cps
Cadmium	111-1	19921	20413	20222	20185	1.23	cps
Calcium	43-1	51768	52263	53153	52394	1.34	cps
Calcium	44-1	838462	861305	863560	854442	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	202804	202538	203169	202837	0.16	cps
Cobalt	59-2	490891	484478	486150	487173	0.68	cps
Copper	63-2	407714	409502	412752	409989	0.62	cps
Dysprosium	156-1	19444	20248	20325	20005	2.44	cps
Dysprosium	156-2	14694	15178	15132	15001	1.78	cps
Erbium	164-1	14307	14631	14841	14593	1.84	cps
Erbium	164-2	8840	8689	8843	8791	1.00	cps
Gadolinium	160-1	17378	17281	18145	17601	2.69	cps
Gadolinium	160-2	11381	11221	11335	11312	0.73	cps
Holmium	165-1	10488634	10451099	10295964	10411899	0.98	cps
Holmium	165-2	6232991	6336007	5616208	6061735	6.42	cps
Indium	115-1	7710274	7811657	7723074	7748335	0.71	cps
Indium	115-2	2452915	2414386	2164397	2343899	6.68	cps
Iron	56-2	83469047	83763492	84669477	83967339	0.75	cps
Iron	57-2	2084550	2115862	2114819	2105077	0.84	cps
Iron	54-2	4597490	4542161	4625163	4588271	0.92	cps
Krypton	83-1	200	207	167	191	11.21	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:45:01	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	168745	175066	175717	173176	2.22	cps
Lead	207-1	150600	152836	153968	152468	1.12	cps
Lead	208-1	679267	695213	696921	690467	1.41	cps
Lithium	6-1	1198095	1192156	1176653	1188968	0.93	cps
Magnesium	24-2	1678586	1736611	1691876	1702358	1.79	cps
Manganese	55-2	2114065	2114406	2152340	2126937	1.03	cps
Molybdenum	94-1	18622	18929	19002	18851	1.07	cps
Molybdenum	95-1	2094	2257	2154	2168	3.81	cps
Molybdenum	96-1	6608	6548	6358	6505	2.01	cps
Molybdenum	97-1	1443	1467	1230	1380	9.45	cps
Molybdenum	98-1	3527	3560	3330	3473	3.58	cps
Neodymium	150-1	36771	37657	38713	37714	2.58	cps
Neodymium	150-2	19667	19380	19791	19613	1.07	cps
Nickel	60-2	142779	142035	141793	142202	0.36	cps
Phosphorus	31-2	5494	6041	5818	5784	4.75	cps
Potassium	39-2	922920	922800	918488	921403	0.27	cps
Rhodium	103-1	7190449	7180203	7094443	7155032	0.74	cps
Rhodium	103-2	4066212	4042210	3660904	3923109	5.80	cps
Scandium	45-1	4092326	4177349	4061523	4110400	1.46	cps
Scandium	45-2	369141	375419	343937	362832	4.59	cps
Selenium	82-1	2669	2802	2935	2802	4.74	cps
Selenium	77-2	237	243	310	263	15.40	cps
Selenium	78-2	973	1037	950	987	4.55	cps
Silicon	28-1	4890511	5816938	5015285	5240911	9.59	cps
Silver	107-1	71384	73273	74835	73164	2.36	cps
Silver	109-1	67734	69207	69485	68809	1.37	cps
Sodium	23-2	42291	43548	42776	42872	1.48	cps
Strontium	86-1	62204	63275	63355	62945	1.02	cps
Strontium	88-1	541766	553772	556063	550534	1.39	cps
Sulfur	34-1	135124	135040	136224	135463	0.49	cps
Terbium	159-1	10621867	10609493	10657637	10629666	0.24	cps
Terbium	159-2	6196654	6080912	5631786	5969784	5.00	cps
Thallium	203-1	63658	63956	65731	64448	1.74	cps
Thallium	205-1	152686	153320	156739	154248	1.41	cps
Tin	118-1	7435	7809	7562	7602	2.50	cps
Titanium	47-1	289552	295389	298130	294357	1.49	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:45:01	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9510	9810	9820	9714	1.81	cps
Vanadium	51-2	406857	406787	408328	407324	0.21	cps
Yttrium	89-1	12592529	12489484	12488179	12523397	0.48	cps
Yttrium	89-2	3051653	3055321	2796853	2967942	4.99	cps
Zinc	66-2	93373	94510	92564	93482	1.05	cps
Zirconium	90-1	45754	47640	47339	46911	2.16	cps
Zirconium	91-1	10347	10654	11024	10675	3.18	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:48:09	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2063781	2016186	2052519	2044162	1.22	cps
Antimony	121-1	649083	662730	660914	657576	1.13	cps
Arsenic	75-2	26357	26510	26223	26363	0.55	cps
Barium	135-1	3723508	3779041	3793671	3765407	0.98	cps
Barium	137-1	6452859	6498571	6553219	6501550	0.77	cps
Beryllium	9-1	45834	46575	47021	46477	1.29	cps
Bismuth	209-1	6674533	6591972	6626499	6631001	0.63	cps
Bismuth	209-2	4459554	4457805	4422342	4446567	0.47	cps
Bromine	81-1	10440	9930	9963	10111	2.82	cps
Bromine	81-2	217	203	173	198	11.22	cps
Cadmium	108-1	5188	5408	5484	5360	2.87	cps
Cadmium	106-1	10184	9967	9957	10036	1.28	cps
Cadmium	111-1	81663	81110	82641	81804	0.95	cps
Calcium	43-1	49537	48795	50430	49587	1.65	cps
Calcium	44-1	806558	816949	821727	815078	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	589241	586901	588383	588175	0.20	cps
Cobalt	59-2	2028729	1993209	1991357	2004432	1.05	cps
Copper	63-2	887931	881438	884660	884676	0.37	cps
Dysprosium	156-1	18966	19397	19397	19253	1.29	cps
Dysprosium	156-2	14090	14674	14534	14433	2.11	cps
Erbium	164-1	13890	13984	13837	13904	0.53	cps
Erbium	164-2	8336	8142	8603	8360	2.76	cps
Gadolinium	160-1	15966	17388	17131	16828	4.50	cps
Gadolinium	160-2	10948	10954	10781	10894	0.90	cps
Holmium	165-1	10399038	10349093	10314341	10354157	0.41	cps
Holmium	165-2	6077627	6063673	6115391	6085564	0.44	cps
Indium	115-1	7746194	7672320	7599837	7672784	0.95	cps
Indium	115-2	2379463	2358434	2398870	2378922	0.85	cps
Iron	56-2	80805805	79968865	79917110	80230594	0.62	cps
Iron	57-2	2000504	2006414	1999814	2002244	0.18	cps
Iron	54-2	4446410	4444843	4418677	4436643	0.35	cps
Krypton	83-1	210	203	183	199	6.98	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:48:09	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	239936	244430	243869	242745	1.01	cps
Lead	207-1	211505	214772	217095	214457	1.31	cps
Lead	208-1	961437	972468	981127	971677	1.02	cps
Lithium	6-1	1175770	1177884	1195681	1183111	0.92	cps
Magnesium	24-2	1594626	1596269	1613755	1601550	0.66	cps
Manganese	55-2	2758466	2715997	2723023	2732495	0.83	cps
Molybdenum	94-1	17377	18098	17821	17765	2.05	cps
Molybdenum	95-1	2204	1987	2164	2118	5.44	cps
Molybdenum	96-1	6275	6105	6398	6259	2.35	cps
Molybdenum	97-1	1290	1357	1383	1343	3.58	cps
Molybdenum	98-1	3297	3327	3460	3362	2.59	cps
Neodymium	150-1	35922	36865	36504	36430	1.31	cps
Neodymium	150-2	18175	18719	18629	18508	1.58	cps
Nickel	60-2	510735	512868	511688	511763	0.21	cps
Phosphorus	31-2	5864	5701	5995	5853	2.51	cps
Potassium	39-2	894009	886552	895949	892170	0.56	cps
Rhodium	103-1	7014614	7011561	7065985	7030720	0.43	cps
Rhodium	103-2	3980592	3946607	3980364	3969188	0.49	cps
Scandium	45-1	3996078	4033481	4071151	4033570	0.93	cps
Scandium	45-2	365468	362923	364469	364287	0.35	cps
Selenium	82-1	10877	11232	11179	11096	1.73	cps
Selenium	77-2	1033	1020	1077	1043	2.84	cps
Selenium	78-2	3530	3417	3480	3476	1.63	cps
Silicon	28-1	4650908	4667293	4748832	4689011	1.12	cps
Silver	107-1	324536	328754	330896	328062	0.99	cps
Silver	109-1	308254	313463	314743	312153	1.10	cps
Sodium	23-2	42870	42201	42144	42405	0.95	cps
Strontium	86-1	59205	61284	59573	60021	1.85	cps
Strontium	88-1	519925	530702	530012	526879	1.14	cps
Sulfur	34-1	134244	133490	134411	134048	0.37	cps
Terbium	159-1	10515646	10419301	10634467	10523138	1.02	cps
Terbium	159-2	6115556	6065177	6086996	6089243	0.41	cps
Thallium	203-1	294131	294538	301832	296834	1.46	cps
Thallium	205-1	700410	710928	711920	707753	0.90	cps
Tin	118-1	7262	7329	7279	7290	0.48	cps
Titanium	47-1	274205	279449	280117	277924	1.17	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 17:48:09	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9380	9544	9313	9412	1.26	cps
Vanadium	51-2	1249231	1245153	1241744	1245376	0.30	cps
Yttrium	89-1	12263228	12530532	12445419	12413060	1.10	cps
Yttrium	89-2	3005616	3004899	3013604	3008040	0.16	cps
Zinc	66-2	257680	256931	258441	257684	0.29	cps
Zirconium	90-1	43223	43976	44370	43856	1.33	cps
Zirconium	91-1	9907	9997	10210	10038	1.55	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-01	Instrumnet Name :	P7
Client Sample ID :	MYE4T2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:51:16	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9427905	9437355	9515632	9460297	0.51	cps
Antimony	121-1	40363	42068	40554	40995	2.28	cps
Arsenic	75-2	114661	116143	115840	115548	0.68	cps
Barium	135-1	1715563	1758606	1741669	1738613	1.25	cps
Barium	137-1	2931602	3023377	2999387	2984789	1.59	cps
Beryllium	9-1	2467	2450	2717	2545	5.87	cps
Bismuth	209-1	6548870	6575364	6520296	6548177	0.42	cps
Bismuth	209-2	4400843	4394246	4262735	4352608	1.79	cps
Bromine	81-1	11842	11601	11841	11761	1.18	cps
Bromine	81-2	560	620	570	583	5.51	cps
Cadmium	108-1	853	870	770	831	6.45	cps
Cadmium	106-1	4077	4154	4161	4131	1.12	cps
Cadmium	111-1	11063	10928	11129	11040	0.93	cps
Calcium	43-1	245315	249935	250247	248499	1.11	cps
Calcium	44-1	3719698	3790061	3796261	3768673	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	391732	390125	390896	390918	0.21	cps
Cobalt	59-2	360965	364267	358248	361160	0.83	cps
Copper	63-2	1925489	1928237	1930464	1928063	0.13	cps
Dysprosium	156-1	96918	98539	98811	98089	1.04	cps
Dysprosium	156-2	73229	72339	74071	73213	1.18	cps
Erbium	164-1	70369	72708	73251	72109	2.12	cps
Erbium	164-2	43036	43063	42394	42831	0.88	cps
Gadolinium	160-1	86237	88037	88514	87596	1.37	cps
Gadolinium	160-2	56731	55958	55449	56046	1.15	cps
Holmium	165-1	10233819	10340762	10434362	10336314	0.97	cps
Holmium	165-2	6112265	6158054	6122349	6130890	0.39	cps
Indium	115-1	7605618	7630959	7681392	7639323	0.50	cps
Indium	115-2	2365266	2335447	2325058	2341924	0.89	cps
Iron	56-2	397549887	398118074	392896714	396188225	0.72	cps
Iron	57-2	9875556	9771545	9783736	9810279	0.58	cps
Iron	54-2	21699640	21751258	21461496	21637465	0.71	cps
Krypton	83-1	280	237	277	264	9.12	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-01	Instrumnet Name :	P7
Client Sample ID :	MYE4T2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:51:16	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	968822	988455	991126	982801	1.24	cps
Lead	207-1	860365	866953	872909	866742	0.72	cps
Lead	208-1	4223925	4268928	4292411	4261755	0.82	cps
Lithium	6-1	1160798	1182523	1184557	1175959	1.12	cps
Magnesium	24-2	8419112	8327071	8270763	8338982	0.90	cps
Manganese	55-2	7931730	8029220	7921036	7960662	0.75	cps
Molybdenum	94-1	95904	96461	96337	96234	0.30	cps
Molybdenum	95-1	8396	8092	8459	8316	2.36	cps
Molybdenum	96-1	29941	30595	29994	30177	1.20	cps
Molybdenum	97-1	4731	5124	5481	5112	7.34	cps
Molybdenum	98-1	12469	12912	12963	12781	2.13	cps
Neodymium	150-1	184068	187867	188675	186870	1.32	cps
Neodymium	150-2	95067	94326	94467	94620	0.42	cps
Nickel	60-2	172007	171538	170423	171323	0.47	cps
Phosphorus	31-2	26273	26867	26380	26506	1.20	cps
Potassium	39-2	3981210	3982236	3929138	3964195	0.77	cps
Rhodium	103-1	6835619	6948399	6913888	6899302	0.84	cps
Rhodium	103-2	3927483	3916991	3925045	3923173	0.14	cps
Scandium	45-1	4285159	4331335	4290358	4302284	0.59	cps
Scandium	45-2	389488	391062	386879	389143	0.54	cps
Selenium	82-1	597	553	490	547	9.80	cps
Selenium	77-2	267	377	303	316	17.75	cps
Selenium	78-2	443	473	487	468	4.75	cps
Silicon	28-1	19151844	19208545	19330799	19230396	0.48	cps
Silver	107-1	11618	11091	10601	11103	4.58	cps
Silver	109-1	11034	10150	10641	10608	4.17	cps
Sodium	23-2	117373	117867	117792	117677	0.23	cps
Strontium	86-1	314677	319025	319001	317568	0.79	cps
Strontium	88-1	2878103	2902847	2898502	2893151	0.46	cps
Sulfur	34-1	144728	145532	143793	144684	0.60	cps
Terbium	159-1	10536037	10616422	10710307	10620922	0.82	cps
Terbium	159-2	6176243	6070904	6146106	6131085	0.88	cps
Thallium	203-1	5825	5958	6061	5948	2.00	cps
Thallium	205-1	13774	14351	14241	14122	2.17	cps
Tin	118-1	25536	25369	26975	25960	3.40	cps
Titanium	47-1	1272610	1296637	1292107	1287118	0.99	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-01	Instrumnet Name :	P7
Client Sample ID :	MYE4T2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:51:16	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45002	45424	44973	45133	0.56	cps
Vanadium	51-2	772608	777803	772588	774333	0.39	cps
Yttrium	89-1	13186524	13229529	13304046	13240033	0.45	cps
Yttrium	89-2	3236795	3159116	3178124	3191345	1.27	cps
Zinc	66-2	269297	268850	267445	268530	0.36	cps
Zirconium	90-1	245895	246363	248779	247013	0.63	cps
Zirconium	91-1	55030	55995	56906	55977	1.68	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-02	Instrumnet Name :	P7
Client Sample ID :	MYE4T3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:54:17	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6835337	6823408	6817212	6825319	0.13	cps
Antimony	121-1	40256	40714	40921	40631	0.84	cps
Arsenic	75-2	93160	92717	91792	92556	0.75	cps
Barium	135-1	1133381	1143984	1153553	1143639	0.88	cps
Barium	137-1	2126706	2162026	2163622	2150785	0.97	cps
Beryllium	9-1	2156	1956	2034	2048	4.92	cps
Bismuth	209-1	6537507	6562315	6655261	6585028	0.94	cps
Bismuth	209-2	4258968	4310935	4330457	4300120	0.86	cps
Bromine	81-1	10991	10621	10474	10695	2.49	cps
Bromine	81-2	437	477	517	477	8.39	cps
Cadmium	108-1	720	697	623	680	7.42	cps
Cadmium	106-1	3787	3604	3584	3658	3.06	cps
Cadmium	111-1	8302	8350	8190	8281	0.99	cps
Calcium	43-1	168393	171160	172471	170675	1.22	cps
Calcium	44-1	2569451	2608935	2602802	2593730	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	333735	333202	334650	333862	0.22	cps
Cobalt	59-2	292700	295000	293349	293683	0.40	cps
Copper	63-2	1552951	1542242	1533416	1542870	0.63	cps
Dysprosium	156-1	78970	80754	80415	80046	1.18	cps
Dysprosium	156-2	59345	59488	61022	59951	1.55	cps
Erbium	164-1	57585	58776	59429	58597	1.60	cps
Erbium	164-2	34777	34356	34493	34542	0.62	cps
Gadolinium	160-1	70248	71421	71434	71034	0.96	cps
Gadolinium	160-2	45734	44955	45012	45234	0.96	cps
Holmium	165-1	10258944	10311253	10302789	10290995	0.27	cps
Holmium	165-2	5983990	6039406	6100713	6041370	0.97	cps
Indium	115-1	7485852	7593617	7500279	7526583	0.78	cps
Indium	115-2	2348138	2339217	2297275	2328210	1.17	cps
Iron	56-2	336787815	333314795	335969368	335357326	0.54	cps
Iron	57-2	8296905	8303284	8194183	8264791	0.74	cps
Iron	54-2	18139920	18320833	18299596	18253450	0.54	cps
Krypton	83-1	227	187	260	224	16.36	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-02	Instrumnet Name :	P7
Client Sample ID :	MYE4T3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:54:17	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	817048	823446	827538	822677	0.64	cps
Lead	207-1	721994	732054	738413	730820	1.13	cps
Lead	208-1	3575534	3596783	3634337	3602218	0.83	cps
Lithium	6-1	1156271	1127246	1153501	1145673	1.40	cps
Magnesium	24-2	6039646	6080077	6067910	6062544	0.34	cps
Manganese	55-2	6577090	6646551	6633581	6619074	0.56	cps
Molybdenum	94-1	91004	93116	92825	92315	1.24	cps
Molybdenum	95-1	7966	8316	8362	8215	2.64	cps
Molybdenum	96-1	28000	28418	28812	28410	1.43	cps
Molybdenum	97-1	5008	5161	4961	5043	2.08	cps
Molybdenum	98-1	12993	12382	12963	12779	2.69	cps
Neodymium	150-1	151581	155796	154037	153805	1.38	cps
Neodymium	150-2	77693	77723	77377	77598	0.25	cps
Nickel	60-2	147503	144990	147026	146506	0.91	cps
Phosphorus	31-2	20193	19886	20364	20148	1.20	cps
Potassium	39-2	2712276	2731860	2711331	2718489	0.43	cps
Rhodium	103-1	6787406	6769563	6770317	6775762	0.15	cps
Rhodium	103-2	3926378	3888621	3881077	3898692	0.62	cps
Scandium	45-1	4128693	4144556	4098352	4123867	0.57	cps
Scandium	45-2	376628	374445	374422	375165	0.34	cps
Selenium	82-1	555	622	555	577	6.72	cps
Selenium	77-2	220	223	210	218	3.19	cps
Selenium	78-2	427	407	403	412	3.06	cps
Silicon	28-1	17400846	17643742	17610665	17551751	0.75	cps
Silver	107-1	8366	8653	8453	8490	1.73	cps
Silver	109-1	7899	8006	8413	8106	3.34	cps
Sodium	23-2	102847	103330	103401	103193	0.29	cps
Strontium	86-1	228069	233571	232951	231530	1.30	cps
Strontium	88-1	2097557	2111805	2088286	2099216	0.56	cps
Sulfur	34-1	139722	139052	137687	138821	0.75	cps
Terbium	159-1	10502783	10391023	10507722	10467176	0.63	cps
Terbium	159-2	6027154	5943315	6094094	6021521	1.25	cps
Thallium	203-1	5214	5121	4678	5004	5.73	cps
Thallium	205-1	11795	11859	11775	11810	0.37	cps
Tin	118-1	29913	28188	28338	28813	3.32	cps
Titanium	47-1	1172159	1187761	1185703	1181874	0.72	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-02	Instrumnet Name :	P7
Client Sample ID :	MYE4T3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:54:17	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39275	40271	40267	39938	1.44	cps
Vanadium	51-2	643350	647708	644377	645145	0.35	cps
Yttrium	89-1	12783099	12906912	12783360	12824457	0.56	cps
Yttrium	89-2	3095261	3085349	3098749	3093120	0.22	cps
Zinc	66-2	198683	200450	199406	199513	0.45	cps
Zirconium	90-1	233090	237995	237883	236323	1.18	cps
Zirconium	91-1	52677	52918	53711	53102	1.02	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-03	Instrumnet Name :	P7
Client Sample ID :	MYE4T4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:57:24	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7281626	7226991	7243291	7250636	0.39	cps
Antimony	121-1	34876	34662	34715	34751	0.32	cps
Arsenic	75-2	71132	71662	72204	71666	0.75	cps
Barium	135-1	1690851	1694106	1733803	1706253	1.40	cps
Barium	137-1	2931454	3021295	2975287	2976012	1.51	cps
Beryllium	9-1	1856	1833	1939	1876	2.97	cps
Bismuth	209-1	6020558	6412156	6483874	6305529	3.96	cps
Bismuth	209-2	4273057	4353100	4240612	4288923	1.35	cps
Bromine	81-1	11151	10727	11171	11016	2.27	cps
Bromine	81-2	433	430	470	444	4.99	cps
Cadmium	108-1	670	707	647	674	4.48	cps
Cadmium	106-1	3590	3487	3647	3575	2.27	cps
Cadmium	111-1	8229	8388	8538	8385	1.85	cps
Calcium	43-1	237185	240029	242660	239958	1.14	cps
Calcium	44-1	3585766	3638893	3683672	3636110	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	309281	308727	308911	308973	0.09	cps
Cobalt	59-2	273266	274718	272217	273401	0.46	cps
Copper	63-2	1342871	1329014	1338283	1336723	0.53	cps
Dysprosium	156-1	78055	80103	79815	79324	1.40	cps
Dysprosium	156-2	58675	58645	58929	58750	0.27	cps
Erbium	164-1	57293	58147	58073	57838	0.82	cps
Erbium	164-2	33894	33724	33687	33769	0.33	cps
Gadolinium	160-1	68506	70262	71984	70251	2.47	cps
Gadolinium	160-2	44129	43808	43474	43804	0.75	cps
Holmium	165-1	9576717	10079790	10262585	9973031	3.56	cps
Holmium	165-2	5961191	6075721	6198925	6078612	1.96	cps
Indium	115-1	6948228	7449298	7521679	7306402	4.27	cps
Indium	115-2	2300617	2308602	2315547	2308255	0.32	cps
Iron	56-2	296406462	295179509	295975189	295853720	0.21	cps
Iron	57-2	7324040	7295104	7325006	7314717	0.23	cps
Iron	54-2	16082621	16060318	16108847	16083929	0.15	cps
Krypton	83-1	233	247	243	241	2.88	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-03	Instrumnet Name :	P7
Client Sample ID :	MYE4T4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:57:24	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	750817	757733	764833	757794	0.92	cps
Lead	207-1	657415	665797	672972	665395	1.17	cps
Lead	208-1	2968366	3266913	3306599	3180626	5.81	cps
Lithium	6-1	1042043	1138952	1124517	1101837	4.75	cps
Magnesium	24-2	7301321	7202513	7241097	7248310	0.69	cps
Manganese	55-2	9155528	9010229	9062665	9076141	0.81	cps
Molybdenum	94-1	86463	89119	89843	88475	2.01	cps
Molybdenum	95-1	7702	7906	8176	7928	3.00	cps
Molybdenum	96-1	26083	26467	27219	26590	2.17	cps
Molybdenum	97-1	4751	4918	4864	4844	1.76	cps
Molybdenum	98-1	12222	12168	12342	12244	0.73	cps
Neodymium	150-1	149800	151251	154637	151896	1.63	cps
Neodymium	150-2	76761	77357	76744	76954	0.45	cps
Nickel	60-2	156868	159673	159000	158514	0.92	cps
Phosphorus	31-2	28396	27979	27558	27978	1.50	cps
Potassium	39-2	2550812	2554496	2534885	2546731	0.41	cps
Rhodium	103-1	6301076	6749789	6835549	6628805	4.33	cps
Rhodium	103-2	3884007	3892972	3909710	3895563	0.33	cps
Scandium	45-1	3838617	4030749	4162116	4010494	4.06	cps
Scandium	45-2	379670	374155	376779	376868	0.73	cps
Selenium	82-1	488	508	548	514	5.98	cps
Selenium	77-2	227	193	270	230	16.71	cps
Selenium	78-2	383	447	403	411	7.88	cps
Silicon	28-1	17754544	18044515	18656320	18151793	2.54	cps
Silver	107-1	7916	8062	8116	8031	1.29	cps
Silver	109-1	7165	7702	7522	7463	3.66	cps
Sodium	23-2	98496	99223	98797	98839	0.37	cps
Strontium	86-1	315744	318353	323094	319064	1.17	cps
Strontium	88-1	2846365	2923111	2930307	2899928	1.60	cps
Sulfur	34-1	143224	141551	143543	142773	0.75	cps
Terbium	159-1	9742859	10340625	10473660	10185715	3.82	cps
Terbium	159-2	5948309	6004903	6045481	5999564	0.81	cps
Thallium	203-1	5241	5528	5545	5438	3.14	cps
Thallium	205-1	12566	12893	12843	12767	1.38	cps
Tin	118-1	24114	24598	24427	24380	1.01	cps
Titanium	47-1	947699	953817	969768	957095	1.19	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-03	Instrumnet Name :	P7
Client Sample ID :	MYE4T4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 17:57:24	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35885	37666	36376	36643	2.51	cps
Vanadium	51-2	600921	596717	596019	597886	0.44	cps
Yttrium	89-1	11955577	12675979	12988129	12539895	4.22	cps
Yttrium	89-2	3097152	3073644	3110797	3093864	0.61	cps
Zinc	66-2	207971	209420	209582	208991	0.42	cps
Zirconium	90-1	224509	227586	230284	227460	1.27	cps
Zirconium	91-1	50460	51289	51704	51151	1.24	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-04	Instrumnet Name :	P7
Client Sample ID :	MYE4T5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:00:28	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9155504	9271216	9202445	9209722	0.63	cps
Antimony	121-1	30599	30833	31220	30884	1.02	cps
Arsenic	75-2	77940	78154	78332	78142	0.25	cps
Barium	135-1	1733430	1774560	1758960	1755650	1.18	cps
Barium	137-1	2951114	2997545	3018862	2989174	1.16	cps
Beryllium	9-1	2267	2222	2267	2252	1.14	cps
Bismuth	209-1	6483791	6431678	6483167	6466212	0.46	cps
Bismuth	209-2	4322694	4298656	4300737	4307362	0.31	cps
Bromine	81-1	11008	11141	10734	10961	1.89	cps
Bromine	81-2	460	527	503	497	6.81	cps
Cadmium	108-1	777	793	820	797	2.74	cps
Cadmium	106-1	3921	4331	4061	4104	5.08	cps
Cadmium	111-1	9986	10348	9854	10063	2.54	cps
Calcium	43-1	283221	290080	290148	287817	1.38	cps
Calcium	44-1	4296152	4405337	4413847	4371779	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	391384	393458	397695	394179	0.82	cps
Cobalt	59-2	332671	336488	331832	333664	0.74	cps
Copper	63-2	2047046	2071106	2088352	2068835	1.00	cps
Dysprosium	156-1	94042	94334	94891	94422	0.46	cps
Dysprosium	156-2	69836	71276	70747	70620	1.03	cps
Erbium	164-1	67656	69639	71572	69622	2.81	cps
Erbium	164-2	40468	41508	40559	40845	1.41	cps
Gadolinium	160-1	83929	84382	83822	84044	0.35	cps
Gadolinium	160-2	52511	53662	52893	53022	1.11	cps
Holmium	165-1	10204938	10147711	10105715	10152788	0.49	cps
Holmium	165-2	6069793	6011307	6013499	6031533	0.55	cps
Indium	115-1	7426701	7464558	7477272	7456177	0.35	cps
Indium	115-2	2293548	2323424	2292712	2303228	0.76	cps
Iron	56-2	352704328	357268355	358027541	356000075	0.81	cps
Iron	57-2	8714711	8799462	8799416	8771196	0.56	cps
Iron	54-2	19224318	19379049	19341823	19315063	0.42	cps
Krypton	83-1	240	260	273	258	6.51	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-04	Instrumnet Name :	P7
Client Sample ID :	MYE4T5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:00:28	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	923333	937791	953592	938238	1.61	cps
Lead	207-1	818852	842102	853853	838269	2.12	cps
Lead	208-1	4024590	4124310	4152021	4100307	1.63	cps
Lithium	6-1	1105065	1133521	1104222	1114269	1.50	cps
Magnesium	24-2	8899955	8930731	8956874	8929187	0.32	cps
Manganese	55-2	7850043	7969370	7918064	7912492	0.76	cps
Molybdenum	94-1	139244	140581	151735	143853	4.77	cps
Molybdenum	95-1	6922	7142	7165	7076	1.90	cps
Molybdenum	96-1	34768	36215	35750	35578	2.08	cps
Molybdenum	97-1	4197	4124	4294	4205	2.03	cps
Molybdenum	98-1	10731	10877	11058	10889	1.50	cps
Neodymium	150-1	185024	185393	186828	185748	0.51	cps
Neodymium	150-2	92981	94212	93786	93659	0.67	cps
Nickel	60-2	194326	196321	196915	195854	0.69	cps
Phosphorus	31-2	31309	32378	32000	31895	1.70	cps
Potassium	39-2	2802274	2869192	2856950	2842806	1.25	cps
Rhodium	103-1	6756176	6746895	6760825	6754632	0.11	cps
Rhodium	103-2	3864462	3830582	3789369	3828138	0.98	cps
Scandium	45-1	4109269	4115730	4181693	4135564	0.97	cps
Scandium	45-2	383496	381705	381527	382243	0.28	cps
Selenium	82-1	582	547	540	557	4.03	cps
Selenium	77-2	287	317	300	301	4.99	cps
Selenium	78-2	397	460	430	429	7.39	cps
Silicon	28-1	21326640	21859641	21913716	21699999	1.50	cps
Silver	107-1	10534	10647	10797	10660	1.24	cps
Silver	109-1	10127	10114	9560	9933	3.26	cps
Sodium	23-2	112259	112077	112584	112307	0.23	cps
Strontium	86-1	373749	380090	382364	378734	1.18	cps
Strontium	88-1	3396535	3455449	3502385	3451456	1.54	cps
Sulfur	34-1	142238	140993	140818	141350	0.55	cps
Terbium	159-1	10367645	10310751	10370462	10349619	0.33	cps
Terbium	159-2	6055526	5979686	5965791	6000334	0.80	cps
Thallium	203-1	5398	5805	5748	5650	3.90	cps
Thallium	205-1	13510	13597	13941	13683	1.66	cps
Tin	118-1	26141	27483	26925	26850	2.51	cps
Titanium	47-1	1261343	1294597	1298712	1284884	1.59	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-04	Instrumnet Name :	P7
Client Sample ID :	MYE4T5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:00:28	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43099	43926	44066	43697	1.20	cps
Vanadium	51-2	701724	707483	707390	705532	0.47	cps
Yttrium	89-1	12970050	12867380	12995302	12944244	0.52	cps
Yttrium	89-2	3136195	3122029	3112883	3123702	0.38	cps
Zinc	66-2	236616	239168	238996	238260	0.60	cps
Zirconium	90-1	365554	371480	372196	369744	0.99	cps
Zirconium	91-1	80962	84132	83660	82918	2.06	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-05	Instrumnet Name :	P7
Client Sample ID :	MYE4T6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:03:32	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7465755	7513187	7399735	7459559	0.76	cps
Antimony	121-1	46886	47194	49040	47707	2.44	cps
Arsenic	75-2	82078	83023	82481	82527	0.57	cps
Barium	135-1	1316645	1331794	1349571	1332670	1.24	cps
Barium	137-1	2490231	2522401	2489217	2500616	0.75	cps
Beryllium	9-1	1911	2117	2189	2072	6.96	cps
Bismuth	209-1	6567747	6533136	6423520	6508134	1.16	cps
Bismuth	209-2	4342569	4331789	4356264	4343541	0.28	cps
Bromine	81-1	10277	10877	10454	10536	2.93	cps
Bromine	81-2	450	413	407	423	5.51	cps
Cadmium	108-1	700	660	623	661	5.80	cps
Cadmium	106-1	4021	3941	3797	3919	2.89	cps
Cadmium	111-1	9046	9492	9250	9263	2.41	cps
Calcium	43-1	189464	191512	192927	191301	0.91	cps
Calcium	44-1	2876839	2923280	2959468	2919862	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	339955	339672	335684	338437	0.71	cps
Cobalt	59-2	292228	290912	293221	292120	0.40	cps
Copper	63-2	2025648	1995047	1977059	1999251	1.23	cps
Dysprosium	156-1	86793	87882	89234	87970	1.39	cps
Dysprosium	156-2	66513	66664	66004	66394	0.52	cps
Erbium	164-1	63326	65104	65971	64800	2.08	cps
Erbium	164-2	39265	39098	38901	39088	0.47	cps
Gadolinium	160-1	76973	78783	78767	78174	1.33	cps
Gadolinium	160-2	50233	50169	50233	50212	0.07	cps
Holmium	165-1	10070182	10062195	10369948	10167442	1.73	cps
Holmium	165-2	6103858	6047889	6016111	6055953	0.73	cps
Indium	115-1	7382231	7359788	7492774	7411597	0.96	cps
Indium	115-2	2328392	2337248	2281441	2315693	1.30	cps
Iron	56-2	334895262	339122988	338037842	337352031	0.65	cps
Iron	57-2	8411880	8275683	8258540	8315367	1.01	cps
Iron	54-2	18128982	18223774	18445777	18266178	0.89	cps
Krypton	83-1	233	297	257	262	12.21	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-05	Instrumnet Name :	P7
Client Sample ID :	MYE4T6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:03:32	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1109241	1133322	1130033	1124198	1.16	cps
Lead	207-1	986120	998369	1011097	998529	1.25	cps
Lead	208-1	4884668	4929605	4914269	4909514	0.47	cps
Lithium	6-1	1108995	1111494	1080104	1100198	1.59	cps
Magnesium	24-2	6995268	6955579	6902876	6951241	0.67	cps
Manganese	55-2	7240063	7202624	7254936	7232541	0.37	cps
Molybdenum	94-1	101824	103261	105540	103542	1.81	cps
Molybdenum	95-1	8416	8389	8396	8400	0.17	cps
Molybdenum	96-1	29506	30134	29967	29869	1.09	cps
Molybdenum	97-1	4968	5198	4908	5024	3.05	cps
Molybdenum	98-1	12299	13126	12969	12798	3.43	cps
Neodymium	150-1	166484	170878	172754	170039	1.89	cps
Neodymium	150-2	87201	88355	86178	87245	1.25	cps
Nickel	60-2	152480	153008	153931	153139	0.48	cps
Phosphorus	31-2	23381	23098	23398	23292	0.72	cps
Potassium	39-2	3003501	3007348	3023706	3011518	0.36	cps
Rhodium	103-1	6743526	6743824	6735964	6741105	0.07	cps
Rhodium	103-2	3925220	3878743	3910272	3904745	0.61	cps
Scandium	45-1	4107111	4085600	4073281	4088664	0.42	cps
Scandium	45-2	380869	375440	375419	377243	0.83	cps
Selenium	82-1	573	547	529	549	4.06	cps
Selenium	77-2	257	223	317	266	17.81	cps
Selenium	78-2	443	427	387	419	6.95	cps
Silicon	28-1	17480558	17914461	17845428	17746816	1.31	cps
Silver	107-1	12772	13029	13093	12965	1.31	cps
Silver	109-1	12169	12179	12222	12190	0.23	cps
Sodium	23-2	106653	107703	107905	107420	0.63	cps
Strontium	86-1	250174	251122	255697	252331	1.17	cps
Strontium	88-1	2285174	2303583	2306764	2298507	0.51	cps
Sulfur	34-1	134610	134381	132677	133889	0.79	cps
Terbium	159-1	10353093	10420108	10442678	10405293	0.45	cps
Terbium	159-2	6144154	6032581	5975555	6050763	1.42	cps
Thallium	203-1	5471	5334	5651	5486	2.90	cps
Thallium	205-1	13230	13574	13260	13354	1.43	cps
Tin	118-1	27784	28017	28592	28131	1.48	cps
Titanium	47-1	1254689	1274612	1294589	1274630	1.57	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-05	Instrumnet Name :	P7
Client Sample ID :	MYE4T6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:03:32	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41728	42193	43196	42373	1.77	cps
Vanadium	51-2	649347	652328	650275	650650	0.23	cps
Yttrium	89-1	12690552	12785479	12889763	12788598	0.78	cps
Yttrium	89-2	3138591	3137369	3147443	3141135	0.18	cps
Zinc	66-2	223954	223873	224475	224101	0.15	cps
Zirconium	90-1	264381	265078	271326	266928	1.43	cps
Zirconium	91-1	59015	59396	61277	59896	2.02	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-06	Instrumnet Name :	P7
Client Sample ID :	MYE4T7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:06:35	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8164331	8047802	8092238	8101457	0.73	cps
Antimony	121-1	21152	21566	21590	21436	1.15	cps
Arsenic	75-2	60482	60543	60225	60417	0.28	cps
Barium	135-1	1176975	1200743	1201697	1193138	1.17	cps
Barium	137-1	2212664	2262488	2304605	2259919	2.04	cps
Beryllium	9-1	1772	1822	2072	1889	8.51	cps
Bismuth	209-1	6616031	6663544	6522876	6600817	1.08	cps
Bismuth	209-2	4343839	4377034	4358844	4359906	0.38	cps
Bromine	81-1	10941	11174	11421	11179	2.15	cps
Bromine	81-2	513	483	510	502	3.27	cps
Cadmium	108-1	477	383	377	412	13.56	cps
Cadmium	106-1	3360	3337	3254	3317	1.69	cps
Cadmium	111-1	5149	5031	5254	5145	2.17	cps
Calcium	43-1	267305	276764	276445	273505	1.96	cps
Calcium	44-1	4104797	4144254	4222925	4157326	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	319130	320241	320639	320003	0.24	cps
Cobalt	59-2	275960	277427	276585	276657	0.27	cps
Copper	63-2	795011	788452	791518	791660	0.41	cps
Dysprosium	156-1	78682	80988	80720	80130	1.57	cps
Dysprosium	156-2	58371	58632	60202	59068	1.68	cps
Erbium	164-1	59288	60574	62301	60721	2.49	cps
Erbium	164-2	36424	36026	35645	36032	1.08	cps
Gadolinium	160-1	72104	72878	73753	72912	1.13	cps
Gadolinium	160-2	45985	46296	46333	46205	0.41	cps
Holmium	165-1	10305896	10341963	10428757	10358872	0.61	cps
Holmium	165-2	6104868	6126391	6025643	6085634	0.87	cps
Indium	115-1	7567126	7538907	7526378	7544137	0.28	cps
Indium	115-2	2325041	2318555	2350638	2331411	0.73	cps
Iron	56-2	312636315	312478309	313132835	312749153	0.11	cps
Iron	57-2	7715133	7646974	7677718	7679942	0.44	cps
Iron	54-2	17021613	17039214	16961916	17007581	0.24	cps
Krypton	83-1	200	263	280	248	17.04	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-06	Instrumnet Name :	P7
Client Sample ID :	MYE4T7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:06:35	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	469018	472638	481014	474223	1.30	cps
Lead	207-1	407096	414513	417918	413176	1.34	cps
Lead	208-1	1852084	1890149	1904052	1882095	1.43	cps
Lithium	6-1	1121160	1082572	1102334	1102022	1.75	cps
Magnesium	24-2	7369886	7290325	7280071	7313427	0.67	cps
Manganese	55-2	6248978	6177490	6240574	6222347	0.63	cps
Molybdenum	94-1	79668	81810	82118	81199	1.64	cps
Molybdenum	95-1	6228	6738	6562	6509	3.98	cps
Molybdenum	96-1	24244	24678	24928	24616	1.41	cps
Molybdenum	97-1	3957	4144	4397	4166	5.30	cps
Molybdenum	98-1	9840	10494	10364	10233	3.38	cps
Neodymium	150-1	153114	156905	158106	156042	1.67	cps
Neodymium	150-2	78450	78547	78319	78438	0.15	cps
Nickel	60-2	147414	147975	147096	147495	0.30	cps
Phosphorus	31-2	29225	28981	28974	29060	0.49	cps
Potassium	39-2	2734911	2700534	2696674	2710706	0.78	cps
Rhodium	103-1	6908958	6856656	6871867	6879160	0.39	cps
Rhodium	103-2	3907359	3913939	3958924	3926741	0.71	cps
Scandium	45-1	4157533	4107447	4141894	4135625	0.62	cps
Scandium	45-2	379282	379151	381076	379836	0.28	cps
Selenium	82-1	530	510	478	506	5.14	cps
Selenium	77-2	197	230	257	228	13.20	cps
Selenium	78-2	457	363	440	420	11.85	cps
Silicon	28-1	20810920	21163217	21187187	21053775	1.00	cps
Silver	107-1	3997	4064	4174	4078	2.19	cps
Silver	109-1	3801	3694	3784	3759	1.53	cps
Sodium	23-2	132901	132773	132013	132562	0.36	cps
Strontium	86-1	248273	253083	253361	251572	1.14	cps
Strontium	88-1	2250720	2319412	2314171	2294768	1.67	cps
Sulfur	34-1	138259	139944	140085	139429	0.73	cps
Terbium	159-1	10451315	10460066	10524715	10478699	0.38	cps
Terbium	159-2	6009560	6107313	6022685	6046519	0.88	cps
Thallium	203-1	4167	4151	4247	4188	1.23	cps
Thallium	205-1	9510	10331	10171	10004	4.35	cps
Tin	118-1	25165	26311	26241	25906	2.48	cps
Titanium	47-1	1059444	1083847	1088952	1077414	1.46	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-06	Instrumnet Name :	P7
Client Sample ID :	MYE4T7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:06:35	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34709	35678	35808	35398	1.70	cps
Vanadium	51-2	651115	647086	649471	649224	0.31	cps
Yttrium	89-1	12897930	12948156	12977190	12941092	0.31	cps
Yttrium	89-2	3142520	3171342	3131533	3148465	0.65	cps
Zinc	66-2	172176	171027	168114	170439	1.23	cps
Zirconium	90-1	205700	211368	210956	209341	1.51	cps
Zirconium	91-1	46343	47804	48028	47392	1.93	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:09:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7372799	7340170	7245498	7319489	0.90	cps
Antimony	121-1	59790	61638	62897	61442	2.54	cps
Arsenic	75-2	96279	95783	94726	95596	0.83	cps
Barium	135-1	1293238	1328762	1328733	1316911	1.56	cps
Barium	137-1	2470903	2446029	2497638	2471523	1.04	cps
Beryllium	9-1	2034	2167	1850	2017	7.88	cps
Bismuth	209-1	6647873	6393967	6666854	6569564	2.32	cps
Bismuth	209-2	4410021	4377534	4398533	4395363	0.37	cps
Bromine	81-1	10257	10701	10537	10498	2.14	cps
Bromine	81-2	440	413	413	422	3.65	cps
Cadmium	108-1	763	820	847	810	5.25	cps
Cadmium	106-1	3914	3994	4101	4003	2.34	cps
Cadmium	111-1	10545	10901	10347	10597	2.65	cps
Calcium	43-1	189764	195262	194117	193048	1.50	cps
Calcium	44-1	2892860	2972300	2906003	2923721	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	342068	340224	339792	340695	0.35	cps
Cobalt	59-2	303083	298951	300801	300945	0.69	cps
Copper	63-2	1575358	1593068	1573805	1580744	0.68	cps
Dysprosium	156-1	82072	82007	83309	82462	0.89	cps
Dysprosium	156-2	61246	61206	61691	61381	0.44	cps
Erbium	164-1	58649	62218	60647	60505	2.96	cps
Erbium	164-2	35509	35853	35515	35625	0.55	cps
Gadolinium	160-1	72543	73565	72824	72977	0.72	cps
Gadolinium	160-2	46644	46300	46353	46432	0.40	cps
Holmium	165-1	10124988	9937256	10223601	10095282	1.44	cps
Holmium	165-2	6214691	6162724	6115925	6164447	0.80	cps
Indium	115-1	7539191	7204877	7422170	7388746	2.30	cps
Indium	115-2	2335750	2350027	2322989	2336255	0.58	cps
Iron	56-2	351117995	351547221	349131368	350598861	0.37	cps
Iron	57-2	8716827	8638792	8659723	8671781	0.47	cps
Iron	54-2	19204754	19180139	19061280	19148724	0.40	cps
Krypton	83-1	223	237	253	238	6.32	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:09:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	992911	1012767	1004172	1003283	0.99	cps
Lead	207-1	878923	890790	884499	884737	0.67	cps
Lead	208-1	4311553	4402804	4377226	4363861	1.08	cps
Lithium	6-1	1103653	1075672	1078716	1086013	1.41	cps
Magnesium	24-2	6895081	6908550	6844994	6882875	0.49	cps
Manganese	55-2	6929657	6918079	6807048	6884928	0.98	cps
Molybdenum	94-1	106920	110886	109935	109247	1.90	cps
Molybdenum	95-1	10781	10984	10837	10867	0.97	cps
Molybdenum	96-1	32857	34915	34638	34136	3.27	cps
Molybdenum	97-1	6425	7002	6882	6769	4.50	cps
Molybdenum	98-1	16673	17227	16840	16913	1.68	cps
Neodymium	150-1	157317	158708	158531	158185	0.48	cps
Neodymium	150-2	81923	80820	81289	81344	0.68	cps
Nickel	60-2	160700	159683	157887	159423	0.89	cps
Phosphorus	31-2	24239	23732	24149	24040	1.13	cps
Potassium	39-2	3100720	3051172	3067760	3073217	0.82	cps
Rhodium	103-1	6769107	6499633	6775651	6681463	2.36	cps
Rhodium	103-2	3925009	3914921	3913307	3917746	0.16	cps
Scandium	45-1	4059688	3965373	4075481	4033514	1.48	cps
Scandium	45-2	380629	377897	377084	378537	0.49	cps
Selenium	82-1	577	540	560	559	3.30	cps
Selenium	77-2	207	250	253	237	11.00	cps
Selenium	78-2	440	490	503	478	6.99	cps
Silicon	28-1	12857594	13220904	13166829	13081776	1.50	cps
Silver	107-1	9020	8956	8976	8984	0.36	cps
Silver	109-1	8046	8002	8433	8160	2.90	cps
Sodium	23-2	103417	102985	102055	102819	0.68	cps
Strontium	86-1	279846	285137	288595	284526	1.55	cps
Strontium	88-1	2510446	2598129	2622302	2576959	2.28	cps
Sulfur	34-1	138692	140075	141071	139946	0.85	cps
Terbium	159-1	10555866	10143542	10324552	10341320	2.00	cps
Terbium	159-2	6122072	6092930	6094244	6103082	0.27	cps
Thallium	203-1	6432	6875	6472	6593	3.72	cps
Thallium	205-1	15105	15726	15996	15609	2.93	cps
Tin	118-1	26004	26398	26895	26432	1.69	cps
Titanium	47-1	1235595	1262750	1268265	1255537	1.39	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:09:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41344	42230	40729	41434	1.82	cps
Vanadium	51-2	704840	701660	695979	700826	0.64	cps
Yttrium	89-1	12763146	12335251	12815035	12637810	2.08	cps
Yttrium	89-2	3090500	3106281	3095310	3097364	0.26	cps
Zinc	66-2	236145	235464	235488	235699	0.16	cps
Zirconium	90-1	274227	280172	283821	279407	1.73	cps
Zirconium	91-1	61076	63028	62676	62260	1.67	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:12:47	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7093752	7159051	7137003	7129935	0.47	cps
Antimony	121-1	58579	59773	59737	59363	1.14	cps
Arsenic	75-2	91788	91557	90487	91277	0.76	cps
Barium	135-1	1278162	1289228	1312581	1293323	1.36	cps
Barium	137-1	2441053	2429041	2434790	2434961	0.25	cps
Beryllium	9-1	2011	2111	1950	2024	4.02	cps
Bismuth	209-1	6697239	6392656	6733951	6607949	2.84	cps
Bismuth	209-2	4373579	4386150	4389688	4383139	0.19	cps
Bromine	81-1	10027	10297	10807	10377	3.82	cps
Bromine	81-2	363	403	327	364	10.52	cps
Cadmium	108-1	723	803	777	768	5.31	cps
Cadmium	106-1	4051	3984	3984	4006	0.96	cps
Cadmium	111-1	10014	10726	10111	10284	3.75	cps
Calcium	43-1	186079	192785	191654	190173	1.89	cps
Calcium	44-1	2800708	2881216	2882486	2854803	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	332596	334999	335525	334373	0.47	cps
Cobalt	59-2	295317	296049	295298	295555	0.14	cps
Copper	63-2	1529404	1549467	1457319	1512063	3.20	cps
Dysprosium	156-1	80110	82172	82457	81580	1.57	cps
Dysprosium	156-2	60406	60955	61336	60899	0.77	cps
Erbium	164-1	57628	59446	61002	59359	2.85	cps
Erbium	164-2	34903	34944	35047	34965	0.21	cps
Gadolinium	160-1	72305	73059	74134	73166	1.26	cps
Gadolinium	160-2	45828	45460	45313	45534	0.58	cps
Holmium	165-1	10373436	9907975	10364400	10215271	2.61	cps
Holmium	165-2	6015158	6177384	6106489	6099677	1.33	cps
Indium	115-1	7513673	7135267	7628659	7425866	3.48	cps
Indium	115-2	2305029	2309089	2284092	2299403	0.58	cps
Iron	56-2	344761102	339600602	340141582	341501095	0.83	cps
Iron	57-2	8421417	8433746	8350620	8401928	0.53	cps
Iron	54-2	18665757	18551158	18417557	18544824	0.67	cps
Krypton	83-1	277	227	253	252	9.92	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:12:47	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	966848	999184	995607	987213	1.80	cps
Lead	207-1	855905	880668	883160	873244	1.73	cps
Lead	208-1	4221085	4276222	4333579	4276962	1.32	cps
Lithium	6-1	1126307	1055505	1107557	1096456	3.35	cps
Magnesium	24-2	6733434	6717883	6686587	6712634	0.36	cps
Manganese	55-2	6673497	6609623	6540286	6607802	1.01	cps
Molybdenum	94-1	104953	108176	109161	107430	2.05	cps
Molybdenum	95-1	10287	10704	10427	10473	2.03	cps
Molybdenum	96-1	32633	33422	33953	33336	1.99	cps
Molybdenum	97-1	6715	6595	6251	6520	3.69	cps
Molybdenum	98-1	16222	16633	16526	16460	1.29	cps
Neodymium	150-1	155308	156970	157505	156595	0.73	cps
Neodymium	150-2	80407	80592	78959	79986	1.12	cps
Nickel	60-2	155793	154224	156305	155440	0.70	cps
Phosphorus	31-2	23224	23605	23001	23277	1.31	cps
Potassium	39-2	2963860	3007482	3002867	2991403	0.80	cps
Rhodium	103-1	6782107	6525213	6779213	6695511	2.20	cps
Rhodium	103-2	3874866	3917202	3878813	3890294	0.60	cps
Scandium	45-1	4084380	3921594	4075649	4027208	2.27	cps
Scandium	45-2	369569	369845	370137	369851	0.08	cps
Selenium	82-1	526	477	495	499	4.94	cps
Selenium	77-2	230	280	297	269	12.90	cps
Selenium	78-2	407	360	457	408	11.86	cps
Silicon	28-1	12778375	13047229	13189174	13004926	1.60	cps
Silver	107-1	8809	8793	9186	8930	2.49	cps
Silver	109-1	7966	8449	8786	8400	4.91	cps
Sodium	23-2	97590	96245	97026	96953	0.70	cps
Strontium	86-1	271939	280696	281762	278133	1.94	cps
Strontium	88-1	2466026	2550186	2563673	2526628	2.09	cps
Sulfur	34-1	141064	141024	141515	141201	0.19	cps
Terbium	159-1	10571977	10169060	10492832	10411289	2.05	cps
Terbium	159-2	6044973	6063563	6097474	6068670	0.44	cps
Thallium	203-1	6305	6662	6532	6499	2.78	cps
Thallium	205-1	15075	15379	15352	15269	1.10	cps
Tin	118-1	24935	25529	27039	25834	4.20	cps
Titanium	47-1	1198319	1227112	1235322	1220251	1.59	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:12:47	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40732	40729	41745	41069	1.43	cps
Vanadium	51-2	682160	677390	674878	678143	0.55	cps
Yttrium	89-1	12817040	12268151	12950863	12678685	2.85	cps
Yttrium	89-2	3035759	3098700	3079676	3071378	1.05	cps
Zinc	66-2	232103	232326	230285	231571	0.48	cps
Zirconium	90-1	269171	276807	276114	274031	1.54	cps
Zirconium	91-1	61036	62445	62579	62020	1.38	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 18:15:54	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1369128	1348502	1356035	1357888	0.77	cps
Antimony	121-1	11321	11345	11578	11415	1.24	cps
Arsenic	75-2	18285	17487	17791	17854	2.25	cps
Barium	135-1	246852	248320	249052	248075	0.45	cps
Barium	137-1	424217	425398	433949	427855	1.24	cps
Beryllium	9-1	456	383	367	402	11.76	cps
Bismuth	209-1	6332509	6749103	6642795	6574802	3.29	cps
Bismuth	209-2	4400448	4414600	4358366	4391138	0.67	cps
Bromine	81-1	9090	9300	9286	9225	1.28	cps
Bromine	81-2	140	153	140	144	5.33	cps
Cadmium	108-1	120	143	170	144	17.32	cps
Cadmium	106-1	2660	2817	2720	2733	2.89	cps
Cadmium	111-1	3385	3595	3359	3446	3.76	cps
Calcium	43-1	35157	36648	36561	36122	2.32	cps
Calcium	44-1	580176	588201	594072	587483	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63864	63309	63580	63584	0.44	cps
Cobalt	59-2	56442	56198	55064	55901	1.32	cps
Copper	63-2	281932	281607	282362	281967	0.13	cps
Dysprosium	156-1	15695	15822	15679	15732	0.50	cps
Dysprosium	156-2	11602	11922	11368	11630	2.39	cps
Erbium	164-1	11335	11635	11455	11475	1.32	cps
Erbium	164-2	6745	6815	6638	6733	1.32	cps
Gadolinium	160-1	13663	13830	14074	13856	1.49	cps
Gadolinium	160-2	8936	8986	9103	9009	0.95	cps
Holmium	165-1	9960436	10266474	10133280	10120064	1.52	cps
Holmium	165-2	6017808	6037214	5972609	6009210	0.55	cps
Indium	115-1	7233710	7536974	7431285	7400657	2.08	cps
Indium	115-2	2322446	2268411	2288235	2293031	1.19	cps
Iron	56-2	64816421	64534872	64076106	64475800	0.58	cps
Iron	57-2	1585773	1591912	1611841	1596509	0.85	cps
Iron	54-2	3563250	3543473	3528640	3545121	0.49	cps
Krypton	83-1	130	200	177	169	21.10	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 18:15:54	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	189935	192060	192273	191423	0.68	cps
Lead	207-1	168825	171592	168471	169629	1.01	cps
Lead	208-1	765816	770510	765158	767161	0.38	cps
Lithium	6-1	1084598	1089341	1133640	1102526	2.45	cps
Magnesium	24-2	1260147	1263985	1275475	1266536	0.63	cps
Manganese	55-2	1264616	1264332	1261376	1263441	0.14	cps
Molybdenum	94-1	20181	20748	20464	20464	1.39	cps
Molybdenum	95-1	2137	2280	2074	2164	4.89	cps
Molybdenum	96-1	6278	6758	6368	6468	3.95	cps
Molybdenum	97-1	1420	1400	1480	1433	2.90	cps
Molybdenum	98-1	3560	3230	3424	3405	4.87	cps
Neodymium	150-1	29578	29952	30279	29936	1.17	cps
Neodymium	150-2	15435	14821	15092	15116	2.04	cps
Nickel	60-2	29833	29843	29429	29702	0.80	cps
Phosphorus	31-2	4711	4471	4217	4466	5.53	cps
Potassium	39-2	626423	627416	626447	626762	0.09	cps
Rhodium	103-1	6565637	6773370	6809618	6716208	1.96	cps
Rhodium	103-2	3885287	3851601	3838004	3858297	0.63	cps
Scandium	45-1	3696262	3712379	3762591	3723744	0.93	cps
Scandium	45-2	341344	339831	341061	340745	0.24	cps
Selenium	82-1	396	337	447	393	13.97	cps
Selenium	77-2	47	63	60	57	15.56	cps
Selenium	78-2	273	240	250	254	6.72	cps
Silicon	28-1	2567637	2619618	2702196	2629817	2.58	cps
Silver	107-1	1777	1687	1877	1780	5.34	cps
Silver	109-1	1693	1740	1637	1690	3.06	cps
Sodium	23-2	34930	34532	35113	34858	0.85	cps
Strontium	86-1	52567	53263	53105	52978	0.69	cps
Strontium	88-1	459550	465720	470193	465154	1.15	cps
Sulfur	34-1	132892	132959	133343	133065	0.18	cps
Terbium	159-1	9971901	10547022	10386741	10301888	2.88	cps
Terbium	159-2	6030083	5987159	5894757	5970667	1.16	cps
Thallium	203-1	1280	1457	1247	1328	8.50	cps
Thallium	205-1	3277	3314	3327	3306	0.78	cps
Tin	118-1	6655	6442	6652	6583	1.86	cps
Titanium	47-1	228157	231895	234590	231547	1.40	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 18:15:54	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7872	7826	7829	7842	0.33	cps
Vanadium	51-2	127043	126723	128175	127314	0.60	cps
Yttrium	89-1	11496806	11794008	11940106	11743640	1.92	cps
Yttrium	89-2	2896115	2857040	2855002	2869386	0.81	cps
Zinc	66-2	45131	44306	44433	44623	1.00	cps
Zirconium	90-1	51570	52303	52748	52207	1.14	cps
Zirconium	91-1	11681	11621	11515	11606	0.73	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:19:04	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7288190	7220836	7212855	7240627	0.57	cps
Antimony	121-1	567664	583793	581350	577602	1.51	cps
Arsenic	75-2	101551	100574	101040	101055	0.48	cps
Barium	135-1	4236681	4413985	4378167	4342944	2.16	cps
Barium	137-1	7459711	7531882	7534517	7508703	0.57	cps
Beryllium	9-1	39110	39099	39461	39224	0.52	cps
Bismuth	209-1	6579339	6617925	6662254	6619839	0.63	cps
Bismuth	209-2	4292808	4299593	4338782	4310394	0.58	cps
Bromine	81-1	10400	10090	10074	10188	1.81	cps
Bromine	81-2	413	437	337	396	13.23	cps
Cadmium	108-1	4948	5244	5538	5243	5.63	cps
Cadmium	106-1	9743	10130	9913	9929	1.95	cps
Cadmium	111-1	75047	76922	76984	76317	1.44	cps
Calcium	43-1	183716	188714	187570	186667	1.40	cps
Calcium	44-1	2794116	2873611	2863507	2843745	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	746351	743575	739580	743169	0.46	cps
Cobalt	59-2	1916007	1876278	1891273	1894520	1.06	cps
Copper	63-2	2063318	2077175	2058303	2066265	0.47	cps
Dysprosium	156-1	80522	82094	81448	81355	0.97	cps
Dysprosium	156-2	60499	59559	59947	60002	0.79	cps
Erbium	164-1	58411	60001	60430	59614	1.78	cps
Erbium	164-2	35131	34997	35345	35158	0.50	cps
Gadolinium	160-1	71873	72821	72821	72505	0.76	cps
Gadolinium	160-2	45955	46366	44999	45773	1.53	cps
Holmium	165-1	10320575	10320422	10327323	10322773	0.04	cps
Holmium	165-2	6024556	6055190	6023774	6034507	0.30	cps
Indium	115-1	7351839	7508502	7417980	7426107	1.06	cps
Indium	115-2	2261556	2261340	2298480	2273792	0.94	cps
Iron	56-2	341538648	337993602	337053102	338861784	0.70	cps
Iron	57-2	8465288	8398876	8327987	8397384	0.82	cps
Iron	54-2	18591122	18477953	18318840	18462638	0.74	cps
Krypton	83-1	243	287	203	244	17.05	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:19:04	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1058638	1081723	1081948	1074103	1.25	cps
Lead	207-1	934579	950237	958905	947907	1.30	cps
Lead	208-1	4610582	4659211	4711365	4660386	1.08	cps
Lithium	6-1	1134122	1158207	1133276	1141868	1.24	cps
Magnesium	24-2	6637970	6594090	6569079	6600380	0.53	cps
Manganese	55-2	7341314	7242555	7185553	7256474	1.09	cps
Molybdenum	94-1	108465	111218	110520	110068	1.30	cps
Molybdenum	95-1	10240	10107	9997	10115	1.21	cps
Molybdenum	96-1	32480	33598	33452	33177	1.83	cps
Molybdenum	97-1	6451	6448	6451	6450	0.03	cps
Molybdenum	98-1	15872	16199	16343	16138	1.49	cps
Neodymium	150-1	154877	157371	157858	156702	1.02	cps
Neodymium	150-2	78564	78930	78591	78695	0.26	cps
Nickel	60-2	545699	539987	541976	542554	0.53	cps
Phosphorus	31-2	22684	23284	22450	22806	1.89	cps
Potassium	39-2	2930887	2929591	2938459	2932979	0.16	cps
Rhodium	103-1	6666714	6724963	6691259	6694312	0.44	cps
Rhodium	103-2	3800352	3788597	3839197	3809382	0.70	cps
Scandium	45-1	3981293	4015656	3988651	3995200	0.45	cps
Scandium	45-2	365584	359538	362465	362529	0.83	cps
Selenium	82-1	8610	9088	9018	8905	2.90	cps
Selenium	77-2	963	1053	1043	1020	4.84	cps
Selenium	78-2	2960	2934	2937	2944	0.49	cps
Silicon	28-1	14438436	14808252	14776589	14674426	1.40	cps
Silver	107-1	275265	282392	284502	280720	1.72	cps
Silver	109-1	259297	269326	270742	266455	2.34	cps
Sodium	23-2	94618	93743	94810	94390	0.60	cps
Strontium	86-1	274176	278411	278485	277024	0.89	cps
Strontium	88-1	2452186	2507812	2536883	2498961	1.72	cps
Sulfur	34-1	140176	138743	138279	139066	0.71	cps
Terbium	159-1	10403660	10462225	10477247	10447711	0.37	cps
Terbium	159-2	5992829	5997430	5968908	5986389	0.26	cps
Thallium	203-1	257903	263501	265301	262235	1.47	cps
Thallium	205-1	614076	630707	633199	625994	1.66	cps
Tin	118-1	25235	25743	25666	25548	1.07	cps
Titanium	47-1	1208962	1247486	1238208	1231552	1.63	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:19:04	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39619	41474	41354	40816	2.54	cps
Vanadium	51-2	1597400	1536789	1548886	1561025	2.05	cps
Yttrium	89-1	12505737	12715234	12471991	12564321	1.05	cps
Yttrium	89-2	3008241	3036003	2994123	3012789	0.71	cps
Zinc	66-2	401264	401176	402131	401523	0.13	cps
Zirconium	90-1	275153	282635	283501	280430	1.64	cps
Zirconium	91-1	62502	63600	64474	63525	1.56	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:22:07	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7669017	7582489	7681437	7644314	0.71	cps
Antimony	121-1	2660647	2704511	2699447	2688202	0.89	cps
Arsenic	75-2	134176	133681	134328	134062	0.25	cps
Barium	135-1	15003864	15256968	15287591	15182808	1.03	cps
Barium	137-1	25811305	26406360	26491943	26236536	1.41	cps
Beryllium	9-1	174999	177601	176354	176318	0.74	cps
Bismuth	209-1	6562669	6384809	6645542	6531007	2.04	cps
Bismuth	209-2	4324671	4324401	4328188	4325753	0.05	cps
Bromine	81-1	9987	10187	9580	9918	3.12	cps
Bromine	81-2	360	403	400	388	6.22	cps
Cadmium	108-1	20535	21319	21186	21013	2.00	cps
Cadmium	106-1	31728	32921	32072	32240	1.90	cps
Cadmium	111-1	315689	324490	325046	321742	1.63	cps
Calcium	43-1	173162	176263	178325	175916	1.48	cps
Calcium	44-1	2647001	2694035	2692036	2677691	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2255688	2237055	2245441	2246061	0.42	cps
Cobalt	59-2	7707727	7728067	7684442	7706745	0.28	cps
Copper	63-2	3984642	3965964	3916445	3955684	0.89	cps
Dysprosium	156-1	76862	77750	78755	77789	1.22	cps
Dysprosium	156-2	58304	58083	57370	57919	0.84	cps
Erbium	164-1	55864	57310	56735	56636	1.29	cps
Erbium	164-2	34346	33868	33514	33909	1.23	cps
Gadolinium	160-1	68888	70543	69893	69775	1.19	cps
Gadolinium	160-2	44353	43544	44327	44075	1.04	cps
Holmium	165-1	10142755	9894231	10395969	10144318	2.47	cps
Holmium	165-2	6092401	5898321	5984772	5991831	1.62	cps
Indium	115-1	7280474	7068808	7367444	7238909	2.12	cps
Indium	115-2	2238620	2235022	2216981	2230208	0.52	cps
Iron	56-2	328930888	329899875	327589235	328806666	0.35	cps
Iron	57-2	8140943	8131191	8098284	8123473	0.28	cps
Iron	54-2	17959251	17989311	17946608	17965057	0.12	cps
Krypton	83-1	317	253	263	278	12.26	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:22:07	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1333467	1356257	1342820	1344181	0.85	cps
Lead	207-1	1174868	1195527	1183406	1184601	0.88	cps
Lead	208-1	5770946	5845603	5828297	5814949	0.67	cps
Lithium	6-1	1103739	1077720	1108124	1096528	1.50	cps
Magnesium	24-2	6310420	6246682	6329002	6295368	0.69	cps
Manganese	55-2	9690521	9781990	9718612	9730374	0.48	cps
Molybdenum	94-1	103086	105684	105902	104891	1.49	cps
Molybdenum	95-1	9790	9567	9550	9635	1.39	cps
Molybdenum	96-1	31136	31988	31795	31640	1.41	cps
Molybdenum	97-1	6075	6081	6261	6139	1.73	cps
Molybdenum	98-1	15215	15612	15622	15483	1.50	cps
Neodymium	150-1	148630	151191	150416	150079	0.87	cps
Neodymium	150-2	75678	74428	75534	75214	0.91	cps
Nickel	60-2	2075382	2059797	2068214	2067798	0.38	cps
Phosphorus	31-2	22113	22210	21542	21955	1.64	cps
Potassium	39-2	2772473	2790883	2777453	2780270	0.34	cps
Rhodium	103-1	6575006	6360291	6623974	6519757	2.15	cps
Rhodium	103-2	3752402	3754735	3736436	3747858	0.27	cps
Scandium	45-1	3882957	3785560	3900040	3856186	1.60	cps
Scandium	45-2	352365	353387	351754	352502	0.23	cps
Selenium	82-1	41446	41610	41781	41612	0.40	cps
Selenium	77-2	4141	3827	3877	3948	4.26	cps
Selenium	78-2	13136	13229	12692	13019	2.20	cps
Silicon	28-1	13869853	14096710	14073446	14013336	0.89	cps
Silver	107-1	1244075	1287454	1271180	1267570	1.73	cps
Silver	109-1	1211011	1205072	1211495	1209193	0.30	cps
Sodium	23-2	91885	90064	91526	91159	1.06	cps
Strontium	86-1	257064	262457	262497	260673	1.20	cps
Strontium	88-1	2347863	2358934	2385304	2364034	0.81	cps
Sulfur	34-1	137835	136547	135239	136540	0.95	cps
Terbium	159-1	10430811	10185978	10365073	10327287	1.23	cps
Terbium	159-2	6004716	5949173	5876168	5943352	1.08	cps
Thallium	203-1	1231783	1251215	1242510	1241836	0.78	cps
Thallium	205-1	3469959	3489594	3433204	3464253	0.83	cps
Tin	118-1	24995	24765	24932	24897	0.48	cps
Titanium	47-1	1150596	1172092	1172619	1165102	1.08	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MS	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:22:07	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39208	40515	39328	39683	1.82	cps
Vanadium	51-2	4767907	4799512	4806281	4791233	0.43	cps
Yttrium	89-1	12291529	12007466	12320399	12206465	1.42	cps
Yttrium	89-2	2996552	2943375	2972621	2970849	0.90	cps
Zinc	66-2	1034871	1031150	1030637	1032219	0.22	cps
Zirconium	90-1	265354	270747	271480	269194	1.24	cps
Zirconium	91-1	59871	60685	60772	60443	0.82	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-10	Instrumnet Name :	P7
Client Sample ID :	MYE4T9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:25:02	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7525402	7556015	7501162	7527526	0.37	cps
Antimony	121-1	36309	38057	37455	37274	2.38	cps
Arsenic	75-2	83409	83707	83144	83420	0.34	cps
Barium	135-1	1273314	1304370	1317517	1298400	1.75	cps
Barium	137-1	2401411	2420640	2466684	2429578	1.38	cps
Beryllium	9-1	2017	2089	2039	2048	1.81	cps
Bismuth	209-1	6615365	6739592	6481190	6612049	1.95	cps
Bismuth	209-2	4374287	4309249	4312996	4332177	0.84	cps
Bromine	81-1	10594	10674	10844	10704	1.19	cps
Bromine	81-2	423	483	463	457	6.69	cps
Cadmium	108-1	733	663	667	688	5.74	cps
Cadmium	106-1	3911	3634	3741	3762	3.71	cps
Cadmium	111-1	8385	8477	8543	8469	0.94	cps
Calcium	43-1	190510	196175	197825	194836	1.97	cps
Calcium	44-1	2914256	2992157	3007732	2971382	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	351224	348894	349545	349887	0.34	cps
Cobalt	59-2	282075	281876	280681	281544	0.27	cps
Copper	63-2	1558666	1572053	1478291	1536337	3.30	cps
Dysprosium	156-1	83459	84774	85377	84537	1.16	cps
Dysprosium	156-2	62030	62324	63560	62638	1.30	cps
Erbium	164-1	59660	62777	62522	61653	2.81	cps
Erbium	164-2	36568	36912	36200	36560	0.97	cps
Gadolinium	160-1	73977	76300	75405	75227	1.56	cps
Gadolinium	160-2	48520	47590	47152	47754	1.46	cps
Holmium	165-1	10247106	10291218	10259154	10265826	0.22	cps
Holmium	165-2	6083442	5986506	5966471	6012140	1.04	cps
Indium	115-1	7293577	7324846	7246741	7288388	0.54	cps
Indium	115-2	2243813	2235130	2258923	2245955	0.54	cps
Iron	56-2	333619115	334172642	330868895	332886884	0.53	cps
Iron	57-2	8314171	8179186	8204625	8232661	0.87	cps
Iron	54-2	18118500	18107851	18214540	18146964	0.32	cps
Krypton	83-1	260	243	277	260	6.41	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-10	Instrumnet Name :	P7
Client Sample ID :	MYE4T9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:25:02	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	838776	857950	860396	852374	1.39	cps
Lead	207-1	742415	755161	761455	753010	1.29	cps
Lead	208-1	3622581	3718119	3711889	3684196	1.45	cps
Lithium	6-1	1121991	1134741	1107176	1121303	1.23	cps
Magnesium	24-2	6897593	6946131	6804263	6882662	1.05	cps
Manganese	55-2	7272549	7222946	7146474	7213990	0.88	cps
Molybdenum	94-1	98260	101894	102378	100844	2.23	cps
Molybdenum	95-1	7255	7479	7609	7448	2.40	cps
Molybdenum	96-1	28882	29650	29089	29207	1.36	cps
Molybdenum	97-1	4387	4627	4521	4512	2.67	cps
Molybdenum	98-1	11438	11608	11658	11568	1.00	cps
Neodymium	150-1	161408	162471	167218	163699	1.89	cps
Neodymium	150-2	83522	82493	82667	82894	0.67	cps
Nickel	60-2	154371	153189	153594	153718	0.39	cps
Phosphorus	31-2	22233	22059	22220	22171	0.44	cps
Potassium	39-2	2954169	2945248	2962578	2953998	0.29	cps
Rhodium	103-1	6511792	6583340	6558181	6551104	0.55	cps
Rhodium	103-2	3843706	3854514	3837021	3845080	0.23	cps
Scandium	45-1	3880098	3963790	3891828	3911905	1.16	cps
Scandium	45-2	359703	360980	360527	360403	0.18	cps
Selenium	82-1	489	499	459	482	4.28	cps
Selenium	77-2	353	270	273	299	15.78	cps
Selenium	78-2	363	457	387	402	12.08	cps
Silicon	28-1	18481858	18970609	19215438	18889301	1.98	cps
Silver	107-1	10214	10017	9737	9989	2.40	cps
Silver	109-1	10014	9193	9003	9403	5.71	cps
Sodium	23-2	98191	99332	98948	98824	0.59	cps
Strontium	86-1	254002	259001	260405	257803	1.31	cps
Strontium	88-1	2264944	2348576	2381211	2331577	2.57	cps
Sulfur	34-1	138494	139237	137216	138316	0.74	cps
Terbium	159-1	10435336	10238159	10360116	10344537	0.96	cps
Terbium	159-2	5928237	5954374	5958731	5947114	0.28	cps
Thallium	203-1	7435	7676	7659	7590	1.77	cps
Thallium	205-1	17808	18316	18186	18103	1.46	cps
Tin	118-1	24257	24628	24681	24522	0.94	cps
Titanium	47-1	1224460	1259757	1270236	1251484	1.92	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-10	Instrumnet Name :	P7
Client Sample ID :	MYE4T9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:25:02	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41581	43026	43109	42572	2.02	cps
Vanadium	51-2	655319	648276	649021	650872	0.59	cps
Yttrium	89-1	12281715	12486060	12417461	12395079	0.84	cps
Yttrium	89-2	3039638	3003089	3056283	3033003	0.90	cps
Zinc	66-2	206463	206109	204456	205676	0.52	cps
Zirconium	90-1	254670	263277	265275	261074	2.16	cps
Zirconium	91-1	57248	58640	59219	58369	1.74	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-11	Instrumnet Name :	P7
Client Sample ID :	MYE4W8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:28:08	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7497485	7564881	7479686	7514017	0.60	cps
Antimony	121-1	12399	13109	13373	12960	3.89	cps
Arsenic	75-2	52626	51930	51981	52179	0.74	cps
Barium	135-1	1048465	1079689	1078740	1068965	1.66	cps
Barium	137-1	1979599	2024001	2010734	2004778	1.14	cps
Beryllium	9-1	1756	1783	1900	1813	4.23	cps
Bismuth	209-1	6492158	6452240	6513448	6485949	0.48	cps
Bismuth	209-2	4276304	4279967	4296512	4284261	0.25	cps
Bromine	81-1	10460	10837	10897	10732	2.21	cps
Bromine	81-2	550	487	580	539	8.84	cps
Cadmium	108-1	400	397	393	397	0.84	cps
Cadmium	106-1	3387	3237	3227	3284	2.73	cps
Cadmium	111-1	4855	4875	5001	4910	1.61	cps
Calcium	43-1	341651	355733	356107	351164	2.35	cps
Calcium	44-1	5221072	5385234	5357597	5321301	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	289107	289314	292280	290234	0.61	cps
Cobalt	59-2	241750	242853	242994	242532	0.28	cps
Copper	63-2	668215	669084	666494	667931	0.20	cps
Dysprosium	156-1	71819	73253	72683	72585	0.99	cps
Dysprosium	156-2	53053	54023	54204	53760	1.15	cps
Erbium	164-1	55336	56310	56169	55938	0.94	cps
Erbium	164-2	32541	33330	33156	33009	1.26	cps
Gadolinium	160-1	65100	66490	66962	66184	1.46	cps
Gadolinium	160-2	42551	42344	41952	42282	0.72	cps
Holmium	165-1	10209457	10356451	10067685	10211197	1.41	cps
Holmium	165-2	6058755	6042914	6000727	6034132	0.50	cps
Indium	115-1	7309622	7451919	7281913	7347818	1.24	cps
Indium	115-2	2272885	2272050	2295292	2280076	0.58	cps
Iron	56-2	277835456	280003689	278919103	278919416	0.39	cps
Iron	57-2	6943051	6871181	6924620	6912950	0.54	cps
Iron	54-2	15305951	15280637	15395039	15327209	0.39	cps
Krypton	83-1	273	243	253	257	5.95	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-11	Instrumnet Name :	P7
Client Sample ID :	MYE4W8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:28:08	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	381727	390668	393270	388555	1.56	cps
Lead	207-1	332254	342713	343074	339347	1.81	cps
Lead	208-1	1520184	1551845	1553842	1541957	1.22	cps
Lithium	6-1	1099715	1111442	1109614	1106924	0.57	cps
Magnesium	24-2	6485458	6459627	6492224	6479103	0.27	cps
Manganese	55-2	4854717	4951231	4857162	4887704	1.13	cps
Molybdenum	94-1	74686	77051	78710	76816	2.63	cps
Molybdenum	95-1	4537	4581	4471	4530	1.22	cps
Molybdenum	96-1	21226	21549	21429	21401	0.76	cps
Molybdenum	97-1	2500	2677	2730	2636	4.57	cps
Molybdenum	98-1	6932	6955	6945	6944	0.17	cps
Neodymium	150-1	136725	139543	141630	139299	1.77	cps
Neodymium	150-2	70652	69849	69671	70057	0.75	cps
Nickel	60-2	126212	124952	124841	125335	0.61	cps
Phosphorus	31-2	24149	23478	23825	23818	1.41	cps
Potassium	39-2	2186541	2191076	2200335	2192651	0.32	cps
Rhodium	103-1	6522459	6579603	6607412	6569825	0.66	cps
Rhodium	103-2	3825898	3814546	3853514	3831319	0.52	cps
Scandium	45-1	3897826	3924144	3961926	3927965	0.82	cps
Scandium	45-2	360127	362979	363324	362143	0.48	cps
Selenium	82-1	470	481	390	447	11.15	cps
Selenium	77-2	230	253	227	237	6.14	cps
Selenium	78-2	353	327	390	357	8.92	cps
Silicon	28-1	26548331	27418631	27433575	27133512	1.87	cps
Silver	107-1	3477	3464	3627	3523	2.58	cps
Silver	109-1	3247	3230	3164	3214	1.37	cps
Sodium	23-2	127381	127321	128043	127582	0.31	cps
Strontium	86-1	217236	225017	227822	223358	2.46	cps
Strontium	88-1	1981411	2041611	2049771	2024264	1.84	cps
Sulfur	34-1	137916	138421	137401	137913	0.37	cps
Terbium	159-1	10484419	10493751	10342108	10440093	0.81	cps
Terbium	159-2	6018779	5995158	5976832	5996923	0.35	cps
Thallium	203-1	3787	3961	3887	3878	2.24	cps
Thallium	205-1	9293	9063	9573	9310	2.75	cps
Tin	118-1	21770	22598	22925	22431	2.65	cps
Titanium	47-1	946539	983142	989442	973041	2.38	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-11	Instrumnet Name :	P7
Client Sample ID :	MYE4W8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:28:08	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34341	34956	34715	34671	0.89	cps
Vanadium	51-2	604326	607309	605932	605856	0.25	cps
Yttrium	89-1	12221593	12474176	12364235	12353335	1.03	cps
Yttrium	89-2	2999014	3057179	3040339	3032177	0.99	cps
Zinc	66-2	133147	133147	134738	133677	0.69	cps
Zirconium	90-1	195594	203747	203738	201026	2.34	cps
Zirconium	91-1	43822	45755	45547	45041	2.36	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-12	Instrumnet Name :	P7
Client Sample ID :	MYE4W9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:31:14	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7917818	7891495	7999772	7936361	0.71	cps
Antimony	121-1	28856	29276	29724	29285	1.48	cps
Arsenic	75-2	65001	65842	65376	65406	0.64	cps
Barium	135-1	1350053	1373649	1375453	1366385	1.04	cps
Barium	137-1	2548933	2571762	2573106	2564600	0.53	cps
Beryllium	9-1	2045	2045	1978	2022	1.90	cps
Bismuth	209-1	6457423	6491804	6560941	6503389	0.81	cps
Bismuth	209-2	4303193	4266418	4270497	4280036	0.47	cps
Bromine	81-1	10494	10621	10334	10483	1.37	cps
Bromine	81-2	483	457	473	471	2.86	cps
Cadmium	108-1	553	597	553	568	4.41	cps
Cadmium	106-1	3574	3651	3727	3650	2.10	cps
Cadmium	111-1	7809	7892	7956	7886	0.94	cps
Calcium	43-1	210330	214642	218040	214337	1.80	cps
Calcium	44-1	3226278	3266613	3298262	3263717	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	336932	340313	342978	340074	0.89	cps
Cobalt	59-2	302501	304313	304616	303810	0.38	cps
Copper	63-2	1317919	1329612	1333853	1327128	0.62	cps
Dysprosium	156-1	82594	85176	86514	84762	2.35	cps
Dysprosium	156-2	63590	63399	63057	63349	0.43	cps
Erbium	164-1	62201	62740	63112	62684	0.73	cps
Erbium	164-2	36625	37764	37594	37328	1.65	cps
Gadolinium	160-1	74600	76413	76903	75972	1.60	cps
Gadolinium	160-2	48457	47791	48420	48223	0.78	cps
Holmium	165-1	10103828	9949818	10057925	10037190	0.79	cps
Holmium	165-2	5930938	5956215	5966300	5951151	0.31	cps
Indium	115-1	7214739	7166647	7254619	7212002	0.61	cps
Indium	115-2	2238977	2230746	2251058	2240260	0.46	cps
Iron	56-2	333747615	335274548	336918855	335313673	0.47	cps
Iron	57-2	8190993	8189629	8289560	8223394	0.70	cps
Iron	54-2	18183673	18085168	18280778	18183206	0.54	cps
Krypton	83-1	250	227	307	261	15.76	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-12	Instrumnet Name :	P7
Client Sample ID :	MYE4W9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:31:14	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	762715	779372	785223	775770	1.51	cps
Lead	207-1	679556	680815	685654	682008	0.47	cps
Lead	208-1	3333905	3350593	3427722	3370740	1.48	cps
Lithium	6-1	1111546	1070821	1083019	1088462	1.92	cps
Magnesium	24-2	7219742	7217712	7266537	7234664	0.38	cps
Manganese	55-2	6718922	6793351	6790178	6767483	0.62	cps
Molybdenum	94-1	97240	98327	100078	98549	1.45	cps
Molybdenum	95-1	6558	6915	6925	6799	3.07	cps
Molybdenum	96-1	27857	27209	28257	27774	1.91	cps
Molybdenum	97-1	4141	3984	4464	4196	5.83	cps
Molybdenum	98-1	10517	10804	10857	10726	1.71	cps
Neodymium	150-1	161672	163320	165260	163417	1.10	cps
Neodymium	150-2	82996	84344	83451	83597	0.82	cps
Nickel	60-2	163585	163999	163911	163832	0.13	cps
Phosphorus	31-2	25151	25371	25177	25233	0.48	cps
Potassium	39-2	2825948	2845384	2849972	2840435	0.45	cps
Rhodium	103-1	6509283	6570164	6597973	6559140	0.69	cps
Rhodium	103-2	3768420	3799703	3763403	3777175	0.52	cps
Scandium	45-1	3873203	3879355	3946833	3899797	1.05	cps
Scandium	45-2	358042	359591	363831	360488	0.83	cps
Selenium	82-1	514	450	454	473	7.63	cps
Selenium	77-2	190	207	203	200	4.41	cps
Selenium	78-2	443	427	363	411	10.27	cps
Silicon	28-1	16304049	16570209	16875552	16583270	1.72	cps
Silver	107-1	7035	7292	7098	7142	1.87	cps
Silver	109-1	6568	6588	6742	6633	1.43	cps
Sodium	23-2	86407	87242	88807	87486	1.39	cps
Strontium	86-1	251814	259309	260520	257214	1.83	cps
Strontium	88-1	2279504	2341522	2344910	2321979	1.59	cps
Sulfur	34-1	132727	136234	136392	135118	1.53	cps
Terbium	159-1	10183894	10198108	10264315	10215439	0.42	cps
Terbium	159-2	5907995	5923674	5950938	5927536	0.37	cps
Thallium	203-1	5214	5191	5668	5358	5.02	cps
Thallium	205-1	12192	12649	12920	12587	2.92	cps
Tin	118-1	22822	23686	24180	23563	2.92	cps
Titanium	47-1	1118883	1139952	1151894	1136909	1.47	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-12	Instrumnet Name :	P7
Client Sample ID :	MYE4W9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:31:14	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40120	40936	41842	40966	2.10	cps
Vanadium	51-2	676466	680868	684468	680600	0.59	cps
Yttrium	89-1	12321866	12306673	12465666	12364735	0.71	cps
Yttrium	89-2	2985891	2981277	3005176	2990781	0.42	cps
Zinc	66-2	209331	211367	210343	210347	0.48	cps
Zirconium	90-1	250648	259439	258716	256268	1.90	cps
Zirconium	91-1	56043	58151	58071	57422	2.08	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-13	Instrumnet Name :	P7
Client Sample ID :	MYE4X0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:34:22	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7568966	7640338	7685441	7631582	0.77	cps
Antimony	121-1	44505	45308	45421	45078	1.11	cps
Arsenic	75-2	111149	111075	111941	111388	0.43	cps
Barium	135-1	1210394	1231875	1238754	1227007	1.21	cps
Barium	137-1	2296823	2315064	2332752	2314880	0.78	cps
Beryllium	9-1	2272	2139	2250	2221	3.22	cps
Bismuth	209-1	6470034	6459483	6521565	6483694	0.51	cps
Bismuth	209-2	4273141	4243442	4271621	4262735	0.39	cps
Bromine	81-1	10064	9827	9590	9827	2.41	cps
Bromine	81-2	393	400	433	409	5.24	cps
Cadmium	108-1	847	813	803	821	2.76	cps
Cadmium	106-1	3781	3737	3771	3763	0.60	cps
Cadmium	111-1	10343	10406	10303	10350	0.50	cps
Calcium	43-1	181032	184361	184547	183313	1.08	cps
Calcium	44-1	2755362	2810704	2792360	2786142	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	360472	360607	357276	359452	0.52	cps
Cobalt	59-2	311841	309994	312185	311340	0.38	cps
Copper	63-2	1587131	1606083	1624407	1605873	1.16	cps
Dysprosium	156-1	80442	82309	81059	81270	1.17	cps
Dysprosium	156-2	59559	59378	59780	59572	0.34	cps
Erbium	164-1	59814	61699	61615	61043	1.74	cps
Erbium	164-2	35411	36915	36741	36356	2.26	cps
Gadolinium	160-1	71719	74041	73334	73031	1.63	cps
Gadolinium	160-2	46433	46356	45500	46097	1.12	cps
Holmium	165-1	10115037	10012822	10133852	10087237	0.65	cps
Holmium	165-2	5990491	5985000	5899579	5958357	0.86	cps
Indium	115-1	7148184	7181868	7218306	7182786	0.49	cps
Indium	115-2	2216085	2259850	2257136	2244357	1.09	cps
Iron	56-2	381255154	380413154	380479648	380715985	0.12	cps
Iron	57-2	9421348	9471337	9420979	9437888	0.31	cps
Iron	54-2	20741814	20729933	20741648	20737798	0.03	cps
Krypton	83-1	237	233	310	260	16.67	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-13	Instrumnet Name :	P7
Client Sample ID :	MYE4X0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:34:22	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1061584	1072914	1080783	1071760	0.90	cps
Lead	207-1	939473	956436	954502	950137	0.98	cps
Lead	208-1	4580037	4647672	4682089	4636599	1.12	cps
Lithium	6-1	1049857	1063251	1088969	1067359	1.86	cps
Magnesium	24-2	7283988	7384370	7301698	7323352	0.73	cps
Manganese	55-2	6660093	6565699	6617578	6614457	0.71	cps
Molybdenum	94-1	96733	99072	99414	98406	1.48	cps
Molybdenum	95-1	9056	8786	9293	9045	2.80	cps
Molybdenum	96-1	29934	30759	31063	30585	1.91	cps
Molybdenum	97-1	5628	5524	5641	5598	1.14	cps
Molybdenum	98-1	14010	14394	14407	14270	1.58	cps
Neodymium	150-1	152673	154886	155142	154234	0.88	cps
Neodymium	150-2	77910	78584	78061	78185	0.45	cps
Nickel	60-2	159670	159875	159750	159765	0.06	cps
Phosphorus	31-2	22977	23375	22957	23103	1.02	cps
Potassium	39-2	2636774	2633589	2626260	2632207	0.20	cps
Rhodium	103-1	6527986	6500071	6517722	6515260	0.22	cps
Rhodium	103-2	3752823	3762174	3771859	3762285	0.25	cps
Scandium	45-1	3928531	3923780	3917263	3923191	0.14	cps
Scandium	45-2	356019	362019	356140	358059	0.96	cps
Selenium	82-1	498	607	442	516	16.33	cps
Selenium	77-2	257	287	260	268	6.14	cps
Selenium	78-2	353	423	367	381	9.75	cps
Silicon	28-1	14249761	14338539	14466420	14351573	0.76	cps
Silver	107-1	11415	11465	11955	11611	2.57	cps
Silver	109-1	10844	11081	11481	11135	2.89	cps
Sodium	23-2	97000	97258	96922	97060	0.18	cps
Strontium	86-1	216971	220642	221853	219822	1.16	cps
Strontium	88-1	1971553	1999479	2020085	1997039	1.22	cps
Sulfur	34-1	133789	132767	133716	133424	0.43	cps
Terbium	159-1	10226499	10219964	10185546	10210670	0.22	cps
Terbium	159-2	5931711	5895696	5863362	5896923	0.58	cps
Thallium	203-1	5815	5745	5991	5850	2.17	cps
Thallium	205-1	13927	14261	13977	14055	1.28	cps
Tin	118-1	32938	33085	32714	32912	0.57	cps
Titanium	47-1	1112456	1127172	1135970	1125199	1.06	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-13	Instrumnet Name :	P7
Client Sample ID :	MYE4X0	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:34:22	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41528	42829	42865	42407	1.80	cps
Vanadium	51-2	776618	777727	775449	776598	0.15	cps
Yttrium	89-1	12262446	12390449	12349270	12334055	0.53	cps
Yttrium	89-2	2965497	3010947	2995525	2990656	0.77	cps
Zinc	66-2	253551	253585	255300	254145	0.39	cps
Zirconium	90-1	247324	250508	255431	251088	1.63	cps
Zirconium	91-1	55394	56840	56528	56254	1.35	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-14	Instrumnet Name :	P7
Client Sample ID :	MYE4X1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:37:25	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7283723	7224635	7226024	7244794	0.47	cps
Antimony	121-1	16226	16753	16616	16532	1.66	cps
Arsenic	75-2	71062	71448	71082	71197	0.30	cps
Barium	135-1	1311250	1337139	1350312	1332900	1.49	cps
Barium	137-1	2492810	2548785	2544658	2528751	1.23	cps
Beryllium	9-1	2150	2111	2145	2135	0.98	cps
Bismuth	209-1	6614948	6620963	6635490	6623800	0.16	cps
Bismuth	209-2	4358324	4372143	4388377	4372948	0.34	cps
Bromine	81-1	10721	10764	11231	10905	2.60	cps
Bromine	81-2	593	613	583	597	2.56	cps
Cadmium	108-1	543	590	590	574	4.69	cps
Cadmium	106-1	3554	3554	3277	3462	4.62	cps
Cadmium	111-1	8929	9126	8816	8957	1.75	cps
Calcium	43-1	192301	196636	197673	195537	1.46	cps
Calcium	44-1	2902342	3000343	3021159	2974615	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	326557	323779	323121	324485	0.56	cps
Cobalt	59-2	327098	324683	325118	325633	0.40	cps
Copper	63-2	1964461	1960709	1986552	1970574	0.71	cps
Dysprosium	156-1	81390	83245	83831	82822	1.54	cps
Dysprosium	156-2	60911	60794	60074	60593	0.75	cps
Erbium	164-1	66266	67361	66959	66862	0.83	cps
Erbium	164-2	39820	39148	40191	39720	1.33	cps
Gadolinium	160-1	76394	76272	78830	77165	1.87	cps
Gadolinium	160-2	48902	49199	49149	49083	0.32	cps
Holmium	165-1	10108232	10240987	10233781	10194333	0.73	cps
Holmium	165-2	6117774	6117221	6037119	6090705	0.76	cps
Indium	115-1	7266802	7448382	7323891	7346358	1.26	cps
Indium	115-2	2271015	2293368	2298254	2287545	0.63	cps
Iron	56-2	300948416	299670756	300781402	300466858	0.23	cps
Iron	57-2	7479603	7459914	7396508	7445342	0.58	cps
Iron	54-2	16408224	16409517	16343843	16387195	0.23	cps
Krypton	83-1	280	353	257	297	17.00	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-14	Instrumnet Name :	P7
Client Sample ID :	MYE4X1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:37:25	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	956265	977992	993124	975794	1.90	cps
Lead	207-1	856444	867651	877917	867337	1.24	cps
Lead	208-1	4198480	4239488	4296604	4244857	1.16	cps
Lithium	6-1	1078498	1079312	1080155	1079322	0.08	cps
Magnesium	24-2	6328248	6284589	6306998	6306612	0.35	cps
Manganese	55-2	8362703	8329752	8356667	8349707	0.21	cps
Molybdenum	94-1	47557	47975	50339	48624	3.09	cps
Molybdenum	95-1	5298	5614	5705	5539	3.86	cps
Molybdenum	96-1	17344	17697	18238	17760	2.54	cps
Molybdenum	97-1	3494	3524	3470	3496	0.76	cps
Molybdenum	98-1	8269	8709	8716	8565	2.99	cps
Neodymium	150-1	148759	151945	154708	151804	1.96	cps
Neodymium	150-2	78095	76788	78202	77695	1.01	cps
Nickel	60-2	145595	146599	144590	145595	0.69	cps
Phosphorus	31-2	17146	16906	17060	17037	0.71	cps
Potassium	39-2	3153830	3117578	3172969	3148126	0.89	cps
Rhodium	103-1	6516318	6622395	6650327	6596347	1.07	cps
Rhodium	103-2	3801493	3810037	3820003	3810511	0.24	cps
Scandium	45-1	3918693	3986562	3938368	3947875	0.88	cps
Scandium	45-2	359835	364086	361724	361882	0.59	cps
Selenium	82-1	481	410	511	467	11.15	cps
Selenium	77-2	257	203	260	240	13.25	cps
Selenium	78-2	447	427	410	428	4.29	cps
Silicon	28-1	26145544	26652868	26852567	26550326	1.37	cps
Silver	107-1	12412	12065	12599	12359	2.19	cps
Silver	109-1	11661	11978	11715	11785	1.44	cps
Sodium	23-2	88821	89012	88871	88901	0.11	cps
Strontium	86-1	199121	202418	201817	201119	0.87	cps
Strontium	88-1	1788239	1825341	1867642	1827074	2.17	cps
Sulfur	34-1	132061	131978	131762	131934	0.12	cps
Terbium	159-1	10356511	10456667	10516434	10443204	0.77	cps
Terbium	159-2	5974222	6005279	6111162	6030221	1.19	cps
Thallium	203-1	5311	5565	5478	5451	2.36	cps
Thallium	205-1	12499	12913	13357	12923	3.32	cps
Tin	118-1	23175	23643	24290	23703	2.36	cps
Titanium	47-1	984920	1007383	1017312	1003205	1.65	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-14	Instrumnet Name :	P7
Client Sample ID :	MYE4X1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:37:25	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38626	38439	39331	38799	1.21	cps
Vanadium	51-2	662478	660334	661470	661427	0.16	cps
Yttrium	89-1	12464656	12613134	12648477	12575422	0.78	cps
Yttrium	89-2	3047577	3053495	3072373	3057815	0.42	cps
Zinc	66-2	202835	200849	198828	200837	1.00	cps
Zirconium	90-1	118993	123987	122496	121825	2.10	cps
Zirconium	91-1	27075	28588	28007	27890	2.74	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-15	Instrumnet Name :	P7
Client Sample ID :	MYE4X2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:40:31	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7619516	7583142	7624432	7609030	0.30	cps
Antimony	121-1	14634	14831	14828	14764	0.76	cps
Arsenic	75-2	54396	53502	54734	54211	1.17	cps
Barium	135-1	1260048	1285464	1292388	1279300	1.33	cps
Barium	137-1	2376370	2416162	2425449	2405994	1.08	cps
Beryllium	9-1	2039	1950	1906	1965	3.46	cps
Bismuth	209-1	6566394	6573116	6594303	6577938	0.22	cps
Bismuth	209-2	4432665	4360697	4305358	4366240	1.46	cps
Bromine	81-1	11324	11465	11648	11479	1.41	cps
Bromine	81-2	643	677	690	670	3.59	cps
Cadmium	108-1	407	510	500	472	12.07	cps
Cadmium	106-1	3460	3367	3410	3413	1.37	cps
Cadmium	111-1	7155	7148	7262	7188	0.89	cps
Calcium	43-1	213480	220356	221557	218465	1.99	cps
Calcium	44-1	3233167	3352348	3347201	3310905	2.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	336967	334615	335729	335770	0.35	cps
Cobalt	59-2	274827	276673	273999	275166	0.50	cps
Copper	63-2	1122515	1123025	1127830	1124456	0.26	cps
Dysprosium	156-1	68794	71042	72124	70653	2.40	cps
Dysprosium	156-2	51494	52207	50989	51563	1.19	cps
Erbium	164-1	55804	56196	57116	56372	1.19	cps
Erbium	164-2	34091	33490	33741	33774	0.89	cps
Gadolinium	160-1	64588	66138	66256	65661	1.42	cps
Gadolinium	160-2	41682	41672	41541	41632	0.19	cps
Holmium	165-1	10279189	10324654	10439147	10347663	0.80	cps
Holmium	165-2	6109272	6106089	6080487	6098616	0.26	cps
Indium	115-1	7385932	7418015	7362837	7388928	0.38	cps
Indium	115-2	2301092	2254579	2280083	2278585	1.02	cps
Iron	56-2	289570196	287059662	288387056	288338971	0.44	cps
Iron	57-2	7128224	7207087	7143972	7159761	0.58	cps
Iron	54-2	15702432	15768183	15667914	15712843	0.32	cps
Krypton	83-1	220	213	280	238	15.44	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-15	Instrumnet Name :	P7
Client Sample ID :	MYE4X2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:40:31	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	680073	686806	700705	689195	1.53	cps
Lead	207-1	598033	607594	614381	606669	1.35	cps
Lead	208-1	2700164	2765831	2781181	2749059	1.57	cps
Lithium	6-1	1065009	1060844	1068728	1064860	0.37	cps
Magnesium	24-2	6865164	6842691	6868925	6858927	0.21	cps
Manganese	55-2	6963876	6902030	6964154	6943353	0.52	cps
Molybdenum	94-1	46413	47727	48062	47401	1.84	cps
Molybdenum	95-1	5074	5438	5614	5375	5.12	cps
Molybdenum	96-1	17187	17988	17854	17676	2.43	cps
Molybdenum	97-1	3360	3414	3394	3389	0.80	cps
Molybdenum	98-1	8306	8596	8369	8424	1.81	cps
Neodymium	150-1	128190	132455	133272	131306	2.08	cps
Neodymium	150-2	65957	65216	66067	65747	0.70	cps
Nickel	60-2	140541	139515	141018	140358	0.55	cps
Phosphorus	31-2	18344	18174	18084	18201	0.73	cps
Potassium	39-2	2466752	2447883	2469856	2461497	0.48	cps
Rhodium	103-1	6604692	6662310	6632764	6633256	0.43	cps
Rhodium	103-2	3825003	3846601	3826529	3832711	0.31	cps
Scandium	45-1	3881696	3874983	3877155	3877945	0.09	cps
Scandium	45-2	361284	357169	360562	359672	0.61	cps
Selenium	82-1	520	534	481	511	5.38	cps
Selenium	77-2	203	187	183	191	5.61	cps
Selenium	78-2	347	313	393	351	11.44	cps
Silicon	28-1	17146245	17679098	17913381	17579575	2.24	cps
Silver	107-1	7165	7319	7732	7405	3.96	cps
Silver	109-1	6778	6718	6938	6812	1.67	cps
Sodium	23-2	74938	74770	74958	74889	0.14	cps
Strontium	86-1	203256	210168	209622	207682	1.85	cps
Strontium	88-1	1880690	1897135	1910121	1895982	0.78	cps
Sulfur	34-1	135216	135736	133685	134879	0.79	cps
Terbium	159-1	10572897	10564729	10413912	10517179	0.85	cps
Terbium	159-2	6097324	5986596	6048241	6044053	0.92	cps
Thallium	203-1	4187	4334	3947	4156	4.70	cps
Thallium	205-1	9507	9810	10070	9796	2.88	cps
Tin	118-1	21386	21960	21476	21607	1.43	cps
Titanium	47-1	766399	788459	786256	780371	1.56	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-15	Instrumnet Name :	P7
Client Sample ID :	MYE4X2	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:40:31	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31053	32089	32700	31947	2.61	cps
Vanadium	51-2	620362	620952	622120	621145	0.14	cps
Yttrium	89-1	12497015	12436747	12425140	12452967	0.31	cps
Yttrium	89-2	3020842	2979142	3009789	3003258	0.72	cps
Zinc	66-2	228714	229108	229284	229035	0.13	cps
Zirconium	90-1	117331	120210	119750	119097	1.30	cps
Zirconium	91-1	26237	27135	27426	26933	2.30	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-16	Instrumnet Name :	P7
Client Sample ID :	MYE4X3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:43:37	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7481484	7477916	7451456	7470285	0.22	cps
Antimony	121-1	26070	26461	26431	26321	0.83	cps
Arsenic	75-2	71209	70329	70118	70552	0.82	cps
Barium	135-1	1102442	1128541	1129525	1120169	1.37	cps
Barium	137-1	2091417	2111623	2123914	2108985	0.78	cps
Beryllium	9-1	2195	2500	2295	2330	6.69	cps
Bismuth	209-1	6572908	6666208	6736678	6658598	1.23	cps
Bismuth	209-2	4474372	4429127	4422467	4441988	0.64	cps
Bromine	81-1	11915	12399	12112	12142	2.00	cps
Bromine	81-2	723	710	870	768	11.56	cps
Cadmium	108-1	410	453	373	412	9.72	cps
Cadmium	106-1	3144	3447	3190	3260	5.01	cps
Cadmium	111-1	6428	6830	6733	6663	3.15	cps
Calcium	43-1	188842	194814	197649	193769	2.32	cps
Calcium	44-1	2894292	2983390	3011825	2963169	2.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	373871	371311	372018	372400	0.36	cps
Cobalt	59-2	308843	307899	307527	308090	0.22	cps
Copper	63-2	1173928	1176014	1172603	1174182	0.15	cps
Dysprosium	156-1	77556	78544	79289	78463	1.11	cps
Dysprosium	156-2	57313	57885	58126	57775	0.72	cps
Erbium	164-1	63031	64802	64826	64220	1.60	cps
Erbium	164-2	37627	37353	38252	37744	1.22	cps
Gadolinium	160-1	72278	73210	74239	73242	1.34	cps
Gadolinium	160-2	45858	47183	45965	46335	1.59	cps
Holmium	165-1	10246553	10304676	10332832	10294687	0.43	cps
Holmium	165-2	6225404	6231485	6147836	6201575	0.75	cps
Indium	115-1	7131472	7402249	7286880	7273533	1.87	cps
Indium	115-2	2349005	2275053	2273145	2299067	1.88	cps
Iron	56-2	351433035	352519448	351923875	351958786	0.15	cps
Iron	57-2	8728389	8665044	8659278	8684237	0.44	cps
Iron	54-2	19060093	19207736	19241159	19169663	0.50	cps
Krypton	83-1	243	280	233	252	9.74	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-16	Instrumnet Name :	P7
Client Sample ID :	MYE4X3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:43:37	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	578293	595901	597474	590556	1.80	cps
Lead	207-1	513064	519086	524530	518893	1.11	cps
Lead	208-1	2320114	2374489	2377768	2357457	1.37	cps
Lithium	6-1	1071137	1079979	1073785	1074967	0.42	cps
Magnesium	24-2	5945757	5964795	6019111	5976554	0.64	cps
Manganese	55-2	6846561	6885021	6848975	6860185	0.31	cps
Molybdenum	94-1	52015	52975	53862	52951	1.74	cps
Molybdenum	95-1	7135	7305	7335	7259	1.49	cps
Molybdenum	96-1	20978	21693	21766	21479	2.03	cps
Molybdenum	97-1	4647	4644	4561	4617	1.06	cps
Molybdenum	98-1	10804	11361	11892	11352	4.79	cps
Neodymium	150-1	139233	143791	144010	142345	1.89	cps
Neodymium	150-2	71145	70997	70438	70860	0.53	cps
Nickel	60-2	144266	144566	143929	144254	0.22	cps
Phosphorus	31-2	17557	18351	18188	18032	2.33	cps
Potassium	39-2	3341979	3305550	3297560	3315030	0.71	cps
Rhodium	103-1	6596832	6714963	6624325	6645373	0.93	cps
Rhodium	103-2	3912044	3868708	3812353	3864368	1.29	cps
Scandium	45-1	3907692	3934528	3923528	3921916	0.34	cps
Scandium	45-2	369534	365273	362239	365682	1.00	cps
Selenium	82-1	533	510	544	529	3.31	cps
Selenium	77-2	223	187	220	210	9.66	cps
Selenium	78-2	433	390	387	403	6.46	cps
Silicon	28-1	20071539	20818171	20849848	20579852	2.14	cps
Silver	107-1	6048	6331	6228	6203	2.31	cps
Silver	109-1	5968	5955	6018	5980	0.56	cps
Sodium	23-2	82623	82469	82821	82638	0.21	cps
Strontium	86-1	201766	205159	208485	205137	1.64	cps
Strontium	88-1	1836241	1858114	1877367	1857241	1.11	cps
Sulfur	34-1	132643	134896	134707	134082	0.93	cps
Terbium	159-1	10387267	10433027	10474918	10431738	0.42	cps
Terbium	159-2	6098187	6165972	6048053	6104071	0.97	cps
Thallium	203-1	5264	5491	5104	5287	3.68	cps
Thallium	205-1	12155	13033	12616	12601	3.48	cps
Tin	118-1	23943	24835	24902	24560	2.18	cps
Titanium	47-1	1065742	1097451	1106415	1089870	1.96	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-16	Instrumnet Name :	P7
Client Sample ID :	MYE4X3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:43:37	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42845	42986	43665	43165	1.01	cps
Vanadium	51-2	756342	758954	756569	757288	0.19	cps
Yttrium	89-1	12377734	12548921	12718249	12548301	1.36	cps
Yttrium	89-2	3071509	3097021	3031846	3066792	1.07	cps
Zinc	66-2	212429	214582	213632	213548	0.51	cps
Zirconium	90-1	126765	131798	132982	130515	2.53	cps
Zirconium	91-1	28564	30121	30662	29782	3.66	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-17	Instrumnet Name :	P7
Client Sample ID :	MYE4X4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:46:44	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9169135	9255759	9162871	9195922	0.56	cps
Antimony	121-1	27607	29023	28371	28334	2.50	cps
Arsenic	75-2	90483	90765	90064	90437	0.39	cps
Barium	135-1	1826379	1875866	1906226	1869490	2.16	cps
Barium	137-1	3197290	3220856	3242597	3220248	0.70	cps
Beryllium	9-1	2417	2567	2372	2452	4.16	cps
Bismuth	209-1	6497818	6563938	6546269	6536008	0.52	cps
Bismuth	209-2	4315764	4320405	4375182	4337117	0.76	cps
Bromine	81-1	11461	11151	11468	11360	1.59	cps
Bromine	81-2	657	617	603	626	4.44	cps
Cadmium	108-1	687	643	580	637	8.43	cps
Cadmium	106-1	3691	3647	3704	3681	0.81	cps
Cadmium	111-1	7447	7727	7871	7682	2.81	cps
Calcium	43-1	222033	230846	229962	227614	2.13	cps
Calcium	44-1	3414404	3497586	3476851	3462947	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477858	473214	475952	475675	0.49	cps
Cobalt	59-2	370872	370923	371024	370940	0.02	cps
Copper	63-2	1348823	1348383	1350472	1349226	0.08	cps
Dysprosium	156-1	95616	96200	97301	96372	0.89	cps
Dysprosium	156-2	69826	69628	70740	70065	0.85	cps
Erbium	164-1	73475	74309	74410	74065	0.69	cps
Erbium	164-2	42866	43979	43725	43523	1.34	cps
Gadolinium	160-1	86444	87886	87655	87329	0.89	cps
Gadolinium	160-2	55188	54817	54542	54849	0.59	cps
Holmium	165-1	10154136	10323262	10320956	10266118	0.94	cps
Holmium	165-2	6026157	6030218	6026386	6027587	0.04	cps
Indium	115-1	7328128	7454588	7375941	7386219	0.86	cps
Indium	115-2	2270960	2263367	2269730	2268019	0.18	cps
Iron	56-2	409585967	408295821	409160647	409014145	0.16	cps
Iron	57-2	10088116	10169202	10074162	10110493	0.51	cps
Iron	54-2	22265716	22224900	22240386	22243667	0.09	cps
Krypton	83-1	197	290	243	243	19.18	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-17	Instrumnet Name :	P7
Client Sample ID :	MYE4X4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:46:44	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	704096	718260	719398	713918	1.19	cps
Lead	207-1	618809	624148	633115	625358	1.16	cps
Lead	208-1	2808839	2856571	2872429	2845946	1.16	cps
Lithium	6-1	1064443	1052809	1078664	1065305	1.22	cps
Magnesium	24-2	8187727	8272299	8182171	8214066	0.61	cps
Manganese	55-2	8044620	8056026	8070837	8057161	0.16	cps
Molybdenum	94-1	100260	102152	103362	101925	1.53	cps
Molybdenum	95-1	7589	7559	7542	7563	0.31	cps
Molybdenum	96-1	30742	30385	30622	30583	0.59	cps
Molybdenum	97-1	4627	4624	4651	4634	0.31	cps
Molybdenum	98-1	11348	11518	11828	11565	2.11	cps
Neodymium	150-1	179638	180922	183484	181348	1.08	cps
Neodymium	150-2	91340	90914	90840	91031	0.30	cps
Nickel	60-2	203116	203292	204346	203585	0.33	cps
Phosphorus	31-2	23401	23745	23498	23548	0.75	cps
Potassium	39-2	3277355	3271065	3280851	3276424	0.15	cps
Rhodium	103-1	6525284	6586042	6640537	6583954	0.88	cps
Rhodium	103-2	3854303	3754174	3738699	3782392	1.66	cps
Scandium	45-1	3943624	3933169	3970558	3949117	0.49	cps
Scandium	45-2	363760	366469	364417	364882	0.39	cps
Selenium	82-1	601	514	547	554	7.95	cps
Selenium	77-2	277	230	317	274	15.81	cps
Selenium	78-2	457	413	453	441	5.47	cps
Silicon	28-1	15937499	16258934	16435476	16210637	1.56	cps
Silver	107-1	6892	6848	6975	6905	0.93	cps
Silver	109-1	6428	6535	6482	6482	0.82	cps
Sodium	23-2	91513	91533	91902	91649	0.24	cps
Strontium	86-1	320978	328283	328801	326021	1.34	cps
Strontium	88-1	2894862	2953876	3014803	2954514	2.03	cps
Sulfur	34-1	134109	134947	134892	134649	0.35	cps
Terbium	159-1	10458057	10553650	10631744	10547817	0.82	cps
Terbium	159-2	6039340	6036280	6061122	6045580	0.22	cps
Thallium	203-1	6692	6842	6815	6783	1.18	cps
Thallium	205-1	16130	16383	16470	16328	1.08	cps
Tin	118-1	24658	25109	25022	24929	0.96	cps
Titanium	47-1	1244140	1269892	1257965	1257332	1.03	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-17	Instrumnet Name :	P7
Client Sample ID :	MYE4X4	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:46:44	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47090	47745	47541	47459	0.71	cps
Vanadium	51-2	838070	835791	835544	836468	0.17	cps
Yttrium	89-1	12526571	12665659	12735057	12642429	0.84	cps
Yttrium	89-2	3062966	3054571	3014875	3044138	0.84	cps
Zinc	66-2	202585	203473	203379	203146	0.24	cps
Zirconium	90-1	258500	263123	267896	263173	1.79	cps
Zirconium	91-1	57181	59038	60256	58825	2.63	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-18	Instrumnet Name :	P7
Client Sample ID :	MYE4X5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:49:48	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7080066	7229878	7165478	7158474	1.05	cps
Antimony	121-1	35972	37078	37452	36834	2.09	cps
Arsenic	75-2	94226	95924	95082	95077	0.89	cps
Barium	135-1	1255981	1277100	1299129	1277404	1.69	cps
Barium	137-1	2393718	2370901	2458632	2407750	1.89	cps
Beryllium	9-1	2100	2150	2300	2184	4.77	cps
Bismuth	209-1	6818282	6723941	6732578	6758267	0.77	cps
Bismuth	209-2	4353641	3876401	4231746	4153929	5.97	cps
Bromine	81-1	10200	10754	10457	10470	2.65	cps
Bromine	81-2	420	420	450	430	4.03	cps
Cadmium	108-1	757	637	663	686	9.19	cps
Cadmium	106-1	3837	3711	3677	3742	2.26	cps
Cadmium	111-1	9878	10314	9939	10044	2.35	cps
Calcium	43-1	160801	165424	166789	164338	1.91	cps
Calcium	44-1	2463211	2530845	2528968	2507675	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	379569	382457	381078	381035	0.38	cps
Cobalt	59-2	328981	332631	329206	330273	0.62	cps
Copper	63-2	1829457	1823479	1825597	1826177	0.17	cps
Dysprosium	156-1	77063	79808	80070	78980	2.11	cps
Dysprosium	156-2	56219	56657	56744	56540	0.50	cps
Erbium	164-1	61099	62311	62663	62024	1.32	cps
Erbium	164-2	36247	35696	36324	36089	0.95	cps
Gadolinium	160-1	68918	70593	70389	69967	1.31	cps
Gadolinium	160-2	44240	44694	43862	44265	0.94	cps
Holmium	165-1	10480875	10365563	10399762	10415400	0.57	cps
Holmium	165-2	6087597	5333503	5826320	5749140	6.66	cps
Indium	115-1	7493295	7489063	7455485	7479281	0.28	cps
Indium	115-2	2255451	1981179	2147811	2128147	6.49	cps
Iron	56-2	407526661	406822141	409497167	407948656	0.34	cps
Iron	57-2	10105336	10150311	10138549	10131399	0.23	cps
Iron	54-2	22082429	22082247	22246669	22137115	0.43	cps
Krypton	83-1	250	203	267	240	13.68	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-18	Instrumnet Name :	P7
Client Sample ID :	MYE4X5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:49:48	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1362793	1392769	1393481	1383014	1.27	cps
Lead	207-1	1207720	1229977	1249812	1229170	1.71	cps
Lead	208-1	6000633	6053096	6106313	6053347	0.87	cps
Lithium	6-1	1081151	1102431	1069944	1084509	1.52	cps
Magnesium	24-2	6068587	6063264	6089850	6073900	0.23	cps
Manganese	55-2	9592629	9552497	9638673	9594600	0.45	cps
Molybdenum	94-1	76542	77895	78797	77745	1.46	cps
Molybdenum	95-1	7739	8096	8046	7960	2.43	cps
Molybdenum	96-1	26858	26888	27292	27013	0.90	cps
Molybdenum	97-1	4794	4971	5088	4951	2.98	cps
Molybdenum	98-1	12192	12158	12632	12328	2.14	cps
Neodymium	150-1	136453	138432	140246	138377	1.37	cps
Neodymium	150-2	69503	70398	69942	69948	0.64	cps
Nickel	60-2	144717	145898	146144	145586	0.52	cps
Phosphorus	31-2	20798	21328	20881	21002	1.36	cps
Potassium	39-2	3107914	3131371	3106389	3115225	0.45	cps
Rhodium	103-1	6688136	6601692	6579322	6623050	0.87	cps
Rhodium	103-2	3770473	3289284	3631552	3563770	6.95	cps
Scandium	45-1	3893706	3884667	3925966	3901446	0.56	cps
Scandium	45-2	357010	313112	345210	338444	6.71	cps
Selenium	82-1	512	540	484	512	5.46	cps
Selenium	77-2	190	180	240	203	15.81	cps
Selenium	78-2	383	417	350	383	8.70	cps
Silicon	28-1	22756499	23159912	23266007	23060806	1.17	cps
Silver	107-1	12002	12082	12339	12141	1.45	cps
Silver	109-1	11545	11264	11491	11433	1.30	cps
Sodium	23-2	85697	87302	86410	86470	0.93	cps
Strontium	86-1	193704	199229	200184	197706	1.77	cps
Strontium	88-1	1772155	1812921	1853503	1812860	2.24	cps
Sulfur	34-1	132784	132623	133460	132956	0.33	cps
Terbium	159-1	10677766	10384601	10656135	10572834	1.55	cps
Terbium	159-2	5943615	5220213	5645380	5603069	6.49	cps
Thallium	203-1	6148	6295	6372	6271	1.81	cps
Thallium	205-1	14832	15305	15482	15206	2.21	cps
Tin	118-1	22912	23459	23953	23441	2.22	cps
Titanium	47-1	1165686	1199452	1210749	1191962	1.97	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-18	Instrumnet Name :	P7
Client Sample ID :	MYE4X5	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:49:48	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39869	41665	40441	40659	2.26	cps
Vanadium	51-2	836086	836347	840194	837542	0.27	cps
Yttrium	89-1	12488766	12513203	12521354	12507775	0.14	cps
Yttrium	89-2	2950695	2659150	2870179	2826674	5.33	cps
Zinc	66-2	230891	232702	229381	230991	0.72	cps
Zirconium	90-1	192626	199532	201087	197748	2.28	cps
Zirconium	91-1	43722	44935	44648	44435	1.43	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:52:54	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9693456	9828165	9846590	9789404	0.85	cps
Antimony	121-1	4630689	4655245	4762118	4682684	1.49	cps
Arsenic	75-2	229629	228840	230729	229733	0.41	cps
Barium	135-1	6449505	6476793	6484642	6470313	0.29	cps
Barium	137-1	11107161	11126157	11220696	11151338	0.55	cps
Beryllium	9-1	612309	627028	635410	624916	1.87	cps
Bismuth	209-1	6377275	6472178	6476736	6442063	0.87	cps
Bismuth	209-2	4287418	4214368	4277241	4259675	0.93	cps
Bromine	81-1	9333	9146	9093	9191	1.37	cps
Bromine	81-2	37	57	77	57	35.29	cps
Cadmium	108-1	84725	85939	86801	85822	1.22	cps
Cadmium	106-1	120955	123906	124841	123234	1.65	cps
Cadmium	111-1	1151207	1163996	1170038	1161747	0.83	cps
Calcium	43-1	5607090	5669551	5710358	5662333	0.92	cps
Calcium	44-1	89598742	90486072	91264945	90449920	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1741472	1766311	1786382	1764722	1.27	cps
Cobalt	59-2	2866421	2859707	2869548	2865225	0.18	cps
Copper	63-2	19138312	19176715	19272285	19195771	0.36	cps
Dysprosium	156-1	660	700	720	693	4.41	cps
Dysprosium	156-2	393	510	443	449	13.04	cps
Erbium	164-1	337	333	413	361	12.53	cps
Erbium	164-2	203	263	203	223	15.51	cps
Gadolinium	160-1	223	253	260	246	7.95	cps
Gadolinium	160-2	400	360	423	394	8.12	cps
Holmium	165-1	10451556	10688796	10638126	10592826	1.18	cps
Holmium	165-2	6287282	6234954	6305831	6276022	0.59	cps
Indium	115-1	7338761	7300363	7308241	7315788	0.28	cps
Indium	115-2	2270062	2293584	2278529	2280725	0.52	cps
Iron	56-2	383270101	385078314	384841248	384396554	0.26	cps
Iron	57-2	9545123	9663763	9651572	9620153	0.68	cps
Iron	54-2	21114152	20989878	21227733	21110588	0.56	cps
Krypton	83-1	207	190	213	203	5.91	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:52:54	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19768326	20235843	20459021	20154396	1.75	cps
Lead	207-1	17653993	17679115	17964930	17766013	0.97	cps
Lead	208-1	79728082	80744468	81911733	80794761	1.35	cps
Lithium	6-1	1125061	1116121	1161662	1134281	2.13	cps
Magnesium	24-2	80430545	80706757	81440119	80859140	0.65	cps
Manganese	55-2	13084008	13190397	13153361	13142588	0.41	cps
Molybdenum	94-1	17207781	17310214	17502886	17340294	0.86	cps
Molybdenum	95-1	25284574	25155028	25517640	25319080	0.73	cps
Molybdenum	96-1	27570255	27424995	27704030	27566427	0.51	cps
Molybdenum	97-1	15785094	15878593	15879726	15847804	0.34	cps
Molybdenum	98-1	40700511	40942123	41186295	40942976	0.59	cps
Neodymium	150-1	443	463	417	441	5.31	cps
Neodymium	150-2	140	173	143	152	12.06	cps
Nickel	60-2	676227	681260	684117	680535	0.59	cps
Phosphorus	31-2	100024	99222	100238	99828	0.54	cps
Potassium	39-2	49234003	49584391	49561316	49459903	0.40	cps
Rhodium	103-1	6426540	6421435	6481316	6443097	0.52	cps
Rhodium	103-2	3672853	3728821	3685818	3695831	0.79	cps
Scandium	45-1	3767468	3848328	3846437	3820744	1.21	cps
Scandium	45-2	356208	355453	358074	356578	0.38	cps
Selenium	82-1	68756	69563	69814	69378	0.80	cps
Selenium	77-2	6555	6395	6461	6470	1.24	cps
Selenium	78-2	21719	21552	21829	21700	0.64	cps
Silicon	28-1	38438170	38850154	39526510	38938278	1.41	cps
Silver	107-1	5855336	5884577	5997337	5912417	1.27	cps
Silver	109-1	5539971	5567285	5585469	5564242	0.41	cps
Sodium	23-2	136011328	135831765	137338245	136393779	0.60	cps
Strontium	86-1	35989115	36440532	36826424	36418690	1.15	cps
Strontium	88-1	314856789	320395302	324626962	319959684	1.53	cps
Sulfur	34-1	468376	472709	479350	473478	1.17	cps
Terbium	159-1	10613154	10761624	10785189	10719989	0.87	cps
Terbium	159-2	6232049	6187716	6196861	6205542	0.38	cps
Thallium	203-1	4968118	4994001	5079354	5013824	1.16	cps
Thallium	205-1	11915516	12080997	12201594	12066036	1.19	cps
Tin	118-1	3881346	4006974	4027955	3972092	2.00	cps
Titanium	47-1	5696740	5782853	5756047	5745214	0.77	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:52:54	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16654023	16840720	16773924	16756222	0.56	cps
Vanadium	51-2	1575209	1578483	1568981	1574224	0.31	cps
Yttrium	89-1	12038636	12116135	12312134	12155635	1.16	cps
Yttrium	89-2	2964160	2937229	2909173	2936854	0.94	cps
Zinc	66-2	3122251	3160185	3174723	3152386	0.86	cps
Zirconium	90-1	7940568	8053982	8065553	8020034	0.86	cps
Zirconium	91-1	1763489	1770580	1824276	1786115	1.86	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:55:36	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1730	1967	1980	1892	7.43	cps
Antimony	121-1	3310	3197	3154	3220	2.51	cps
Arsenic	75-2	53	50	23	42	38.95	cps
Barium	135-1	757	780	713	750	4.51	cps
Barium	137-1	1260	1207	1177	1215	3.48	cps
Beryllium	9-1	72	94	61	76	22.36	cps
Bismuth	209-1	6850957	6920239	6790747	6853981	0.95	cps
Bismuth	209-2	4608713	3855360	4566215	4343430	9.74	cps
Bromine	81-1	9166	9376	9260	9267	1.14	cps
Bromine	81-2	37	63	53	51	26.35	cps
Cadmium	108-1	7	27	17	17	59.99	cps
Cadmium	106-1	2850	2630	2460	2647	7.39	cps
Cadmium	111-1	2091	1879	1780	1917	8.26	cps
Calcium	43-1	490	413	450	451	8.50	cps
Calcium	44-1	12792	12405	12085	12428	2.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	680	753	703	712	5.26	cps
Cobalt	59-2	303	330	360	331	8.56	cps
Copper	63-2	1773	1667	1703	1715	3.16	cps
Dysprosium	156-1	353	327	337	339	3.98	cps
Dysprosium	156-2	53	77	47	59	26.75	cps
Erbium	164-1	67	77	93	79	17.07	cps
Erbium	164-2	53	30	40	41	28.47	cps
Gadolinium	160-1	53	53	27	44	34.63	cps
Gadolinium	160-2	257	223	277	252	10.68	cps
Holmium	165-1	10507239	10333862	10344060	10395054	0.94	cps
Holmium	165-2	6306746	5274980	6175116	5918947	9.49	cps
Indium	115-1	7646123	7749358	7673511	7689664	0.70	cps
Indium	115-2	2447919	2021210	2360659	2276596	9.90	cps
Iron	56-2	80574	89241	82924	84246	5.32	cps
Iron	57-2	2604	2760	2814	2726	4.01	cps
Iron	54-2	5141	5631	5648	5473	5.26	cps
Krypton	83-1	200	140	170	170	17.65	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:55:36	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1953	1770	1837	1853	5.01	cps
Lead	207-1	1733	1657	1650	1680	2.76	cps
Lead	208-1	7924	7167	7288	7460	5.45	cps
Lithium	6-1	1141123	1150175	1138306	1143202	0.54	cps
Magnesium	24-2	4054	4207	4137	4133	1.86	cps
Manganese	55-2	2260	2304	2207	2257	2.15	cps
Molybdenum	94-1	2077	1720	1697	1831	11.63	cps
Molybdenum	95-1	1490	1490	1517	1499	1.03	cps
Molybdenum	96-1	2064	1840	1780	1895	7.88	cps
Molybdenum	97-1	947	913	987	949	3.87	cps
Molybdenum	98-1	2464	2387	2374	2408	2.02	cps
Neodymium	150-1	67	63	23	51	47.18	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	177	143	100	140	27.46	cps
Phosphorus	31-2	147	153	100	133	21.80	cps
Potassium	39-2	42436	41289	41283	41669	1.59	cps
Rhodium	103-1	6924415	7042545	6981682	6982881	0.85	cps
Rhodium	103-2	4022823	3346761	3938116	3769233	9.77	cps
Scandium	45-1	3774222	3832787	3817400	3808136	0.80	cps
Scandium	45-2	345455	287080	337338	323291	9.78	cps
Selenium	82-1	327	367	394	363	9.30	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	207	210	233	217	6.71	cps
Silicon	28-1	188107	185776	187645	187176	0.66	cps
Silver	107-1	817	670	620	702	14.56	cps
Silver	109-1	737	610	527	624	16.93	cps
Sodium	23-2	28182	28126	27685	27998	0.97	cps
Strontium	86-1	1607	1423	1597	1542	6.68	cps
Strontium	88-1	12142	11111	10988	11413	5.55	cps
Sulfur	34-1	151079	149022	151351	150484	0.85	cps
Terbium	159-1	10569873	10761831	10645752	10659152	0.91	cps
Terbium	159-2	6148942	5309798	6093399	5850713	8.02	cps
Thallium	203-1	883	737	647	756	15.81	cps
Thallium	205-1	2094	1737	1580	1803	14.59	cps
Tin	118-1	2640	2727	2870	2746	4.23	cps
Titanium	47-1	593	537	550	560	5.29	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:55:36	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	603	537	470	537	12.42	cps
Vanadium	51-2	173	260	217	217	20.00	cps
Yttrium	89-1	11921473	11941508	11852989	11905323	0.39	cps
Yttrium	89-2	2891714	2466525	2875868	2744702	8.78	cps
Zinc	66-2	587	560	557	568	2.90	cps
Zirconium	90-1	3224	2564	2287	2691	17.88	cps
Zirconium	91-1	673	567	470	570	17.84	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-19	Instrumnet Name :	P7
Client Sample ID :	MYE4X6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:58:53	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8049436	7873519	8003884	7975613	1.14	cps
Antimony	121-1	13400	13476	14060	13645	2.65	cps
Arsenic	75-2	62307	61631	60128	61355	1.82	cps
Barium	135-1	1148050	1169411	1171422	1162961	1.11	cps
Barium	137-1	2162948	2162109	2211142	2178733	1.29	cps
Beryllium	9-1	2100	1928	1706	1911	10.35	cps
Bismuth	209-1	6737927	6869021	6804650	6803866	0.96	cps
Bismuth	209-2	4538077	4478597	4524133	4513602	0.69	cps
Bromine	81-1	11872	11465	12178	11838	3.03	cps
Bromine	81-2	647	473	630	583	16.39	cps
Cadmium	108-1	483	520	560	521	7.36	cps
Cadmium	106-1	3774	3537	3477	3596	4.36	cps
Cadmium	111-1	7451	7646	7593	7563	1.34	cps
Calcium	43-1	259808	263914	266427	263383	1.27	cps
Calcium	44-1	3969569	4028383	4020305	4006086	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	343276	340824	338353	340818	0.72	cps
Cobalt	59-2	265904	266768	266412	266362	0.16	cps
Copper	63-2	1397898	1391511	1390425	1393278	0.29	cps
Dysprosium	156-1	71514	72382	73008	72301	1.04	cps
Dysprosium	156-2	52210	52615	52076	52300	0.54	cps
Erbium	164-1	57086	57544	58271	57634	1.04	cps
Erbium	164-2	33747	33330	33273	33450	0.77	cps
Gadolinium	160-1	66376	66698	67234	66769	0.65	cps
Gadolinium	160-2	42464	42638	41478	42193	1.48	cps
Holmium	165-1	10788743	10886841	10901691	10859092	0.57	cps
Holmium	165-2	6322759	6236441	6330708	6296636	0.83	cps
Indium	115-1	7796260	8000255	7934459	7910325	1.32	cps
Indium	115-2	2399732	2401139	2391437	2397436	0.22	cps
Iron	56-2	280703969	279082223	275861176	278549123	0.88	cps
Iron	57-2	6896926	6864633	6920924	6894161	0.41	cps
Iron	54-2	15332391	15142426	15181463	15218760	0.66	cps
Krypton	83-1	250	233	270	251	7.31	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-19	Instrumnet Name :	P7
Client Sample ID :	MYE4X6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:58:53	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	746689	751981	749095	749255	0.35	cps
Lead	207-1	658683	665881	667427	663997	0.70	cps
Lead	208-1	3239588	3273910	3276868	3263455	0.63	cps
Lithium	6-1	1167858	1141466	1149315	1152880	1.18	cps
Magnesium	24-2	7114181	7023493	7140845	7092840	0.87	cps
Manganese	55-2	5502507	5551136	5504720	5519454	0.50	cps
Molybdenum	94-1	67926	68790	69594	68770	1.21	cps
Molybdenum	95-1	5084	5431	5421	5312	3.72	cps
Molybdenum	96-1	20905	20751	21105	20921	0.85	cps
Molybdenum	97-1	3127	3307	3330	3255	3.42	cps
Molybdenum	98-1	7852	8439	8072	8121	3.65	cps
Neodymium	150-1	134151	136228	136725	135701	1.01	cps
Neodymium	150-2	68646	66338	68362	67782	1.86	cps
Nickel	60-2	141520	140816	140471	140936	0.38	cps
Phosphorus	31-2	20767	20581	21502	20950	2.32	cps
Potassium	39-2	2501035	2526287	2444118	2490480	1.69	cps
Rhodium	103-1	7104953	7197240	7166729	7156307	0.66	cps
Rhodium	103-2	4048772	4019612	3978995	4015793	0.87	cps
Scandium	45-1	4279217	4316200	4337263	4310893	0.68	cps
Scandium	45-2	389977	388846	388424	389082	0.21	cps
Selenium	82-1	530	596	486	537	10.37	cps
Selenium	77-2	290	220	260	257	13.68	cps
Selenium	78-2	490	430	417	446	8.77	cps
Silicon	28-1	32588155	32794653	33036937	32806582	0.68	cps
Silver	107-1	9673	9240	9323	9412	2.44	cps
Silver	109-1	9286	8956	8793	9012	2.79	cps
Sodium	23-2	100679	100277	101629	100862	0.69	cps
Strontium	86-1	213218	214651	217762	215210	1.08	cps
Strontium	88-1	1928026	1962966	1972410	1954467	1.20	cps
Sulfur	34-1	158900	152354	149295	153516	3.20	cps
Terbium	159-1	10855566	10932457	10936964	10908329	0.42	cps
Terbium	159-2	6285094	6291741	6207545	6261460	0.75	cps
Thallium	203-1	4831	4661	4641	4711	2.22	cps
Thallium	205-1	11178	11528	11231	11313	1.67	cps
Tin	118-1	28806	29854	30008	29556	2.21	cps
Titanium	47-1	905878	924336	926090	918768	1.22	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-19	Instrumnet Name :	P7
Client Sample ID :	MYE4X6	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 18:58:53	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25835	25919	26045	25933	0.41	cps
Vanadium	51-2	625614	623383	625383	624793	0.20	cps
Yttrium	89-1	13311056	13677492	13526454	13505000	1.36	cps
Yttrium	89-2	3252118	3204142	3176542	3210934	1.19	cps
Zinc	66-2	182531	181080	180402	181337	0.60	cps
Zirconium	90-1	178545	180983	181837	180455	0.95	cps
Zirconium	91-1	39981	40476	40245	40234	0.62	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-20	Instrumnet Name :	P7
Client Sample ID :	MYE4X7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:01:58	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6127419	6122435	6106066	6118640	0.18	cps
Antimony	121-1	16937	17317	17217	17157	1.15	cps
Arsenic	75-2	56139	55513	55025	55559	1.00	cps
Barium	135-1	968381	979123	991763	979756	1.19	cps
Barium	137-1	1822399	1876946	1858806	1852717	1.50	cps
Beryllium	9-1	1761	1806	1728	1765	2.21	cps
Bismuth	209-1	6624480	6657072	6624022	6635192	0.29	cps
Bismuth	209-2	4400198	4333121	3985768	4239696	5.25	cps
Bromine	81-1	11334	11431	11418	11394	0.46	cps
Bromine	81-2	453	497	570	507	11.64	cps
Cadmium	108-1	487	563	550	533	7.68	cps
Cadmium	106-1	3624	3410	3410	3482	3.54	cps
Cadmium	111-1	8181	7667	7824	7891	3.33	cps
Calcium	43-1	134496	137566	138737	136933	1.60	cps
Calcium	44-1	2057214	2088729	2068939	2071627	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	292246	289772	289621	290547	0.51	cps
Cobalt	59-2	260975	259727	257469	259390	0.69	cps
Copper	63-2	1192157	1189107	1184593	1188619	0.32	cps
Dysprosium	156-1	62569	64075	64276	63640	1.47	cps
Dysprosium	156-2	45721	45209	46386	45772	1.29	cps
Erbium	164-1	49818	50400	51136	50452	1.31	cps
Erbium	164-2	30069	29271	29378	29572	1.47	cps
Gadolinium	160-1	56945	58682	57340	57656	1.58	cps
Gadolinium	160-2	36598	36564	36665	36609	0.14	cps
Holmium	165-1	10303075	10528475	10418978	10416843	1.08	cps
Holmium	165-2	6153803	6073262	5519272	5915446	5.84	cps
Indium	115-1	7671869	7693136	7700551	7688519	0.19	cps
Indium	115-2	2351113	2301523	2076407	2243014	6.53	cps
Iron	56-2	272138769	276769149	274623909	274510609	0.84	cps
Iron	57-2	6790478	6796811	6706739	6764676	0.74	cps
Iron	54-2	15016600	14951640	14718106	14895449	1.05	cps
Krypton	83-1	197	260	263	240	15.65	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-20	Instrumnet Name :	P7
Client Sample ID :	MYE4X7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:01:58	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	718733	729406	738267	728802	1.34	cps
Lead	207-1	633029	642994	646694	640906	1.10	cps
Lead	208-1	2873462	2928483	2940066	2914004	1.22	cps
Lithium	6-1	1129934	1121220	1100345	1117166	1.36	cps
Magnesium	24-2	5507700	5522496	5465421	5498539	0.54	cps
Manganese	55-2	6030752	6097412	6020739	6049634	0.69	cps
Molybdenum	94-1	60236	60755	59396	60129	1.14	cps
Molybdenum	95-1	5434	5324	5514	5424	1.76	cps
Molybdenum	96-1	19346	19416	19683	19482	0.91	cps
Molybdenum	97-1	3300	3437	3220	3319	3.30	cps
Molybdenum	98-1	8092	8306	8806	8401	4.36	cps
Neodymium	150-1	111887	114678	115733	114099	1.74	cps
Neodymium	150-2	57811	56834	56961	57202	0.93	cps
Nickel	60-2	117029	116552	117174	116918	0.28	cps
Phosphorus	31-2	16466	16139	16582	16396	1.40	cps
Potassium	39-2	2752511	2740066	2723479	2738685	0.53	cps
Rhodium	103-1	6936117	6890290	6877657	6901355	0.45	cps
Rhodium	103-2	3902096	3964152	3502807	3789685	6.61	cps
Scandium	45-1	4125960	4146757	4102486	4125068	0.54	cps
Scandium	45-2	369702	368800	327612	355372	6.77	cps
Selenium	82-1	490	477	390	452	12.04	cps
Selenium	77-2	233	210	193	212	9.47	cps
Selenium	78-2	417	320	383	373	13.15	cps
Silicon	28-1	33763570	34207007	34180424	34050334	0.73	cps
Silver	107-1	6795	7062	6935	6931	1.93	cps
Silver	109-1	6431	6405	6632	6489	1.91	cps
Sodium	23-2	88013	88010	88247	88090	0.15	cps
Strontium	86-1	140391	143078	142303	141924	0.97	cps
Strontium	88-1	1236888	1258135	1261293	1252105	1.06	cps
Sulfur	34-1	132401	133036	131217	132218	0.70	cps
Terbium	159-1	10747692	10770562	10654821	10724358	0.57	cps
Terbium	159-2	6076124	5984136	5561522	5873927	4.67	cps
Thallium	203-1	4728	4617	4654	4666	1.20	cps
Thallium	205-1	11191	11775	11278	11415	2.76	cps
Tin	118-1	21666	22761	22491	22306	2.56	cps
Titanium	47-1	959857	970986	984715	971853	1.28	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-20	Instrumnet Name :	P7
Client Sample ID :	MYE4X7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:01:58	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28511	29028	29162	28900	1.19	cps
Vanadium	51-2	594443	593483	593310	593745	0.10	cps
Yttrium	89-1	12750675	12936794	12835510	12840993	0.73	cps
Yttrium	89-2	3081926	3041920	2738980	2954276	6.35	cps
Zinc	66-2	174610	171933	172532	173025	0.81	cps
Zirconium	90-1	153098	157089	156557	155581	1.39	cps
Zirconium	91-1	34658	34641	35032	34777	0.64	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-21	Instrumnet Name :	P7
Client Sample ID :	MYE4X8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:05:07	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6901793	6831007	6807556	6846785	0.72	cps
Antimony	121-1	15899	16243	15936	16026	1.18	cps
Arsenic	75-2	56691	57246	56714	56884	0.55	cps
Barium	135-1	1205977	1218751	1227565	1217431	0.89	cps
Barium	137-1	2278532	2321903	2347099	2315845	1.50	cps
Beryllium	9-1	1811	1783	2167	1921	11.13	cps
Bismuth	209-1	6557299	6654138	6636343	6615927	0.78	cps
Bismuth	209-2	4359510	4294327	4358636	4337491	0.86	cps
Bromine	81-1	11018	10861	11168	11015	1.39	cps
Bromine	81-2	490	470	483	481	2.12	cps
Cadmium	108-1	483	530	620	544	12.76	cps
Cadmium	106-1	3570	3387	3520	3493	2.71	cps
Cadmium	111-1	8332	8081	8312	8242	1.69	cps
Calcium	43-1	169612	172448	173256	171772	1.11	cps
Calcium	44-1	2623861	2591348	2643178	2619462	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	335467	331932	332254	333218	0.59	cps
Cobalt	59-2	282795	281994	282870	282553	0.17	cps
Copper	63-2	1255138	1247157	1258642	1253646	0.47	cps
Dysprosium	156-1	67190	69383	69568	68714	1.93	cps
Dysprosium	156-2	49440	49269	49681	49463	0.42	cps
Erbium	164-1	54609	55034	55128	54924	0.50	cps
Erbium	164-2	32033	32798	31987	32273	1.41	cps
Gadolinium	160-1	63051	63500	63607	63386	0.47	cps
Gadolinium	160-2	39596	39880	39178	39551	0.89	cps
Holmium	165-1	10285175	10265234	10355689	10302033	0.46	cps
Holmium	165-2	6050405	6024499	6001490	6025465	0.41	cps
Indium	115-1	7414124	7319770	7447493	7393795	0.90	cps
Indium	115-2	2324149	2262064	2282331	2289514	1.38	cps
Iron	56-2	291913662	287504909	289021542	289480038	0.77	cps
Iron	57-2	7099535	7109839	7140308	7116560	0.30	cps
Iron	54-2	15910409	15720582	15701717	15777569	0.73	cps
Krypton	83-1	270	237	277	261	8.21	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-21	Instrumnet Name :	P7
Client Sample ID :	MYE4X8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:05:07	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	781616	792517	797187	790440	1.01	cps
Lead	207-1	691792	707194	706874	701953	1.25	cps
Lead	208-1	3378706	3489412	3448262	3438793	1.63	cps
Lithium	6-1	1114748	1099034	1079256	1097679	1.62	cps
Magnesium	24-2	6756467	6723778	6713927	6731390	0.33	cps
Manganese	55-2	7254240	7163699	7188943	7202294	0.65	cps
Molybdenum	94-1	63122	65580	64796	64499	1.95	cps
Molybdenum	95-1	4884	5311	4951	5049	4.55	cps
Molybdenum	96-1	19546	20545	19703	19932	2.69	cps
Molybdenum	97-1	2860	3027	2940	2943	2.83	cps
Molybdenum	98-1	6908	7833	7188	7310	6.48	cps
Neodymium	150-1	124016	126830	126831	125892	1.29	cps
Neodymium	150-2	63837	63723	62983	63514	0.73	cps
Nickel	60-2	142271	141510	140924	141568	0.48	cps
Phosphorus	31-2	19686	18822	19686	19398	2.57	cps
Potassium	39-2	2876602	2846625	2841901	2855043	0.66	cps
Rhodium	103-1	6791441	6709261	6761755	6754152	0.62	cps
Rhodium	103-2	3828073	3817090	3757542	3800902	1.00	cps
Scandium	45-1	3985680	3986787	4010639	3994368	0.35	cps
Scandium	45-2	362348	354758	354607	357238	1.24	cps
Selenium	82-1	411	483	418	438	9.02	cps
Selenium	77-2	230	180	207	206	12.17	cps
Selenium	78-2	290	333	270	298	10.87	cps
Silicon	28-1	29555295	30091360	30150690	29932449	1.10	cps
Silver	107-1	7849	8156	7982	7996	1.92	cps
Silver	109-1	7399	7595	7329	7441	1.86	cps
Sodium	23-2	89387	88375	89233	88998	0.61	cps
Strontium	86-1	190276	193830	192059	192055	0.93	cps
Strontium	88-1	1736146	1741076	1739242	1738821	0.14	cps
Sulfur	34-1	128817	129335	130921	129691	0.85	cps
Terbium	159-1	10372959	10421742	10457024	10417241	0.41	cps
Terbium	159-2	5989919	6019380	5956590	5988630	0.52	cps
Thallium	203-1	6688	6458	6755	6634	2.35	cps
Thallium	205-1	15986	16146	16180	16104	0.64	cps
Tin	118-1	27500	26408	27797	27235	2.69	cps
Titanium	47-1	894390	903608	914123	904040	1.09	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-21	Instrumnet Name :	P7
Client Sample ID :	MYE4X8	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:05:07	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30174	31754	31444	31124	2.69	cps
Vanadium	51-2	672233	671239	669965	671146	0.17	cps
Yttrium	89-1	12545041	12573162	12529505	12549236	0.18	cps
Yttrium	89-2	3020109	2992053	3010360	3007507	0.47	cps
Zinc	66-2	195826	195626	194448	195300	0.38	cps
Zirconium	90-1	163260	166617	167014	165630	1.25	cps
Zirconium	91-1	37234	37117	37765	37372	0.92	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-22	Instrumnet Name :	P7
Client Sample ID :	MYE4X9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:08:13	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7760217	7740635	7696962	7732604	0.42	cps
Antimony	121-1	17240	17818	17801	17620	1.87	cps
Arsenic	75-2	54998	55088	55035	55040	0.08	cps
Barium	135-1	1005157	1019635	1024404	1016399	0.99	cps
Barium	137-1	1878606	1944208	1951414	1924742	2.08	cps
Beryllium	9-1	1961	2011	1978	1984	1.28	cps
Bismuth	209-1	6446933	6523584	6440648	6470388	0.71	cps
Bismuth	209-2	4253099	4220008	4232162	4235089	0.40	cps
Bromine	81-1	10874	10517	10867	10753	1.90	cps
Bromine	81-2	560	463	537	520	9.70	cps
Cadmium	108-1	340	353	313	336	6.07	cps
Cadmium	106-1	3234	3420	3130	3262	4.51	cps
Cadmium	111-1	4276	4484	4419	4393	2.42	cps
Calcium	43-1	198528	199088	200774	199463	0.59	cps
Calcium	44-1	3035950	3039354	3029790	3035031	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	309454	309549	308838	309280	0.12	cps
Cobalt	59-2	258365	258869	257719	258318	0.22	cps
Copper	63-2	654439	651117	647057	650871	0.57	cps
Dysprosium	156-1	66513	68348	68814	67892	1.79	cps
Dysprosium	156-2	48828	48085	48978	48630	0.98	cps
Erbium	164-1	55566	55961	56172	55900	0.55	cps
Erbium	164-2	33209	32164	32698	32690	1.60	cps
Gadolinium	160-1	63406	63677	63771	63618	0.30	cps
Gadolinium	160-2	41648	39796	40081	40508	2.46	cps
Holmium	165-1	10145481	10002280	10059373	10069045	0.72	cps
Holmium	165-2	5885301	5839111	5935742	5886718	0.82	cps
Indium	115-1	7253327	7272736	7206030	7244031	0.47	cps
Indium	115-2	2241177	2217943	2226883	2228668	0.53	cps
Iron	56-2	308566562	307200809	308440875	308069415	0.25	cps
Iron	57-2	7570994	7592032	7597092	7586706	0.18	cps
Iron	54-2	16659984	16673189	16661354	16664842	0.04	cps
Krypton	83-1	190	253	260	234	16.48	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-22	Instrumnet Name :	P7
Client Sample ID :	MYE4X9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:08:13	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	349032	354529	353572	352378	0.83	cps
Lead	207-1	301250	307452	308746	305816	1.31	cps
Lead	208-1	1375378	1396819	1402875	1391691	1.04	cps
Lithium	6-1	1079689	1092633	1069705	1080676	1.06	cps
Magnesium	24-2	5270317	5216040	5183091	5223149	0.84	cps
Manganese	55-2	4868615	4854392	4843682	4855563	0.26	cps
Molybdenum	94-1	83127	85672	84411	84403	1.51	cps
Molybdenum	95-1	5591	5808	5928	5776	2.96	cps
Molybdenum	96-1	24601	24925	24481	24669	0.93	cps
Molybdenum	97-1	3430	3620	3634	3562	3.19	cps
Molybdenum	98-1	9250	9056	8833	9046	2.31	cps
Neodymium	150-1	124198	126262	126639	125700	1.05	cps
Neodymium	150-2	62940	63288	62270	62832	0.82	cps
Nickel	60-2	115783	115093	114668	115181	0.49	cps
Phosphorus	31-2	14497	14941	15128	14855	2.18	cps
Potassium	39-2	2651270	2631065	2641876	2641403	0.38	cps
Rhodium	103-1	6550566	6605306	6520406	6558760	0.66	cps
Rhodium	103-2	3710223	3665800	3705206	3693743	0.66	cps
Scandium	45-1	3860647	3844068	3821029	3841915	0.52	cps
Scandium	45-2	347453	345545	349342	347446	0.55	cps
Selenium	82-1	510	410	410	443	13.02	cps
Selenium	77-2	263	200	220	228	14.21	cps
Selenium	78-2	347	340	377	354	5.51	cps
Silicon	28-1	22975516	23319721	23561364	23285534	1.26	cps
Silver	107-1	3464	3420	3394	3426	1.03	cps
Silver	109-1	3067	3187	3174	3143	2.09	cps
Sodium	23-2	92183	92777	93505	92822	0.71	cps
Strontium	86-1	183120	184277	184139	183846	0.34	cps
Strontium	88-1	1626015	1685240	1671062	1660773	1.86	cps
Sulfur	34-1	126028	126670	125604	126101	0.43	cps
Terbium	159-1	10188175	10376283	10252674	10272377	0.93	cps
Terbium	159-2	5899977	5839872	5878346	5872732	0.52	cps
Thallium	203-1	3611	3647	3837	3698	3.29	cps
Thallium	205-1	8626	8900	9203	8910	3.24	cps
Tin	118-1	19804	20311	20929	20348	2.77	cps
Titanium	47-1	1019969	1037211	1037153	1031444	0.96	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-22	Instrumnet Name :	P7
Client Sample ID :	MYE4X9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:08:13	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33886	34284	34638	34270	1.10	cps
Vanadium	51-2	673354	672875	670571	672267	0.22	cps
Yttrium	89-1	12275080	12291479	12273335	12279965	0.08	cps
Yttrium	89-2	2898952	2922786	2896442	2906060	0.50	cps
Zinc	66-2	125952	125414	124735	125367	0.49	cps
Zirconium	90-1	216782	219143	220602	218842	0.88	cps
Zirconium	91-1	47925	49620	49908	49151	2.18	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BL	Instrumnet Name :	P7
Client Sample ID :	PBS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:11:21	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1463	1593	1443	1500	5.43	cps
Antimony	121-1	133	133	183	150	19.24	cps
Arsenic	75-2	23	20	27	23	14.29	cps
Barium	135-1	537	457	563	519	10.70	cps
Barium	137-1	777	820	917	838	8.56	cps
Beryllium	9-1	17	39	39	31	40.75	cps
Bismuth	209-1	6510181	6484416	6445747	6480114	0.50	cps
Bismuth	209-2	4344859	4323027	4369313	4345733	0.53	cps
Bromine	81-1	8369	8566	8466	8467	1.16	cps
Bromine	81-2	57	87	53	66	28.01	cps
Cadmium	108-1	10	3	7	7	50.03	cps
Cadmium	106-1	2230	2330	2174	2245	3.53	cps
Cadmium	111-1	1574	1662	1567	1601	3.31	cps
Calcium	43-1	300	280	233	271	12.62	cps
Calcium	44-1	9227	8950	9030	9069	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	663	667	640	657	2.21	cps
Cobalt	59-2	290	237	197	241	19.42	cps
Copper	63-2	1193	1110	1147	1150	3.63	cps
Dysprosium	156-1	357	310	337	334	7.00	cps
Dysprosium	156-2	40	50	73	54	31.42	cps
Erbium	164-1	70	80	80	77	7.53	cps
Erbium	164-2	47	57	37	47	21.43	cps
Gadolinium	160-1	53	47	57	52	9.75	cps
Gadolinium	160-2	220	243	237	233	5.15	cps
Holmium	165-1	9926409	9877855	9849223	9884496	0.39	cps
Holmium	165-2	5918661	5786383	5884062	5863035	1.17	cps
Indium	115-1	7200222	7293607	7261758	7251862	0.65	cps
Indium	115-2	2258107	2253677	2276948	2262911	0.55	cps
Iron	56-2	73428	71358	70568	71785	2.06	cps
Iron	57-2	2470	2467	2380	2439	2.09	cps
Iron	54-2	5014	4677	4704	4799	3.90	cps
Krypton	83-1	187	183	160	177	8.23	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BL	Instrumnet Name :	P7
Client Sample ID :	PBS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:11:21	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	870	823	967	887	8.25	cps
Lead	207-1	640	723	867	743	15.42	cps
Lead	208-1	3507	3444	3644	3531	2.89	cps
Lithium	6-1	1023098	1025313	1034379	1027597	0.58	cps
Magnesium	24-2	2127	2003	1973	2035	3.99	cps
Manganese	55-2	1883	1827	1730	1813	4.28	cps
Molybdenum	94-1	387	377	877	547	52.30	cps
Molybdenum	95-1	323	293	807	475	60.75	cps
Molybdenum	96-1	473	370	697	513	32.54	cps
Molybdenum	97-1	157	160	410	242	60.00	cps
Molybdenum	98-1	400	373	1097	624	65.83	cps
Neodymium	150-1	33	37	33	34	5.60	cps
Neodymium	150-2	0	20	7	9	114.55	cps
Nickel	60-2	110	130	87	109	19.92	cps
Phosphorus	31-2	90	137	103	110	21.85	cps
Potassium	39-2	35732	35638	35578	35650	0.22	cps
Rhodium	103-1	6579954	6603078	6639905	6607646	0.46	cps
Rhodium	103-2	3760560	3743875	3779053	3761163	0.47	cps
Scandium	45-1	3525516	3533686	3490341	3516514	0.65	cps
Scandium	45-2	321013	317623	318376	319004	0.56	cps
Selenium	82-1	307	318	325	317	2.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	163	173	203	180	11.56	cps
Silicon	28-1	174554	173660	173879	174031	0.27	cps
Silver	107-1	130	190	187	169	19.97	cps
Silver	109-1	110	113	170	131	25.72	cps
Sodium	23-2	19930	19599	18942	19490	2.58	cps
Strontium	86-1	647	610	1237	831	42.33	cps
Strontium	88-1	3367	3170	11356	5964	78.30	cps
Sulfur	34-1	117313	114814	115093	115740	1.18	cps
Terbium	159-1	10067608	10086685	10074855	10076383	0.10	cps
Terbium	159-2	5782997	5822767	5841600	5815788	0.51	cps
Thallium	203-1	133	160	170	154	12.27	cps
Thallium	205-1	397	453	367	406	10.85	cps
Tin	118-1	1837	1920	1987	1915	3.93	cps
Titanium	47-1	317	370	413	367	13.21	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BL	Instrumnet Name :	P7
Client Sample ID :	PBS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:11:21	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	170	123	117	137	21.26	cps
Vanadium	51-2	177	173	143	164	11.16	cps
Yttrium	89-1	11288140	11317142	11313001	11306094	0.14	cps
Yttrium	89-2	2771112	2713028	2788098	2757413	1.43	cps
Zinc	66-2	373	470	413	419	11.60	cps
Zirconium	90-1	677	630	947	751	22.77	cps
Zirconium	91-1	150	143	210	168	21.89	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:14:36	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8302	8376	8109	8262	1.67	cps
Antimony	121-1	33255	33168	34180	33535	1.67	cps
Arsenic	75-2	830	823	883	846	3.89	cps
Barium	135-1	42430	43550	43145	43042	1.32	cps
Barium	137-1	75475	76269	76354	76033	0.64	cps
Beryllium	9-1	2034	2128	2384	2182	8.30	cps
Bismuth	209-1	6531576	6554947	6474051	6520191	0.64	cps
Bismuth	209-2	4289707	4439678	4386941	4372109	1.74	cps
Bromine	81-1	8666	8603	9036	8768	2.67	cps
Bromine	81-2	43	57	63	54	18.71	cps
Cadmium	108-1	273	333	337	314	11.33	cps
Cadmium	106-1	2690	2624	2687	2667	1.41	cps
Cadmium	111-1	5649	5637	5659	5648	0.20	cps
Calcium	43-1	20678	20931	21358	20989	1.64	cps
Calcium	44-1	340748	347340	352189	346759	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14027	14437	13646	14037	2.82	cps
Cobalt	59-2	10197	10340	10124	10220	1.08	cps
Copper	63-2	15758	15852	15858	15823	0.35	cps
Dysprosium	156-1	333	263	320	306	12.16	cps
Dysprosium	156-2	87	50	80	72	27.04	cps
Erbium	164-1	70	90	100	87	17.63	cps
Erbium	164-2	23	63	33	40	52.05	cps
Gadolinium	160-1	33	63	33	43	39.97	cps
Gadolinium	160-2	273	313	267	284	8.87	cps
Holmium	165-1	9992901	9950600	10073747	10005749	0.63	cps
Holmium	165-2	5971370	5991253	5980444	5981023	0.17	cps
Indium	115-1	7329714	7424890	7261009	7338538	1.12	cps
Indium	115-2	2299914	2334841	2282622	2305792	1.15	cps
Iron	56-2	1268332	1267939	1262402	1266224	0.26	cps
Iron	57-2	31917	32151	32184	32084	0.45	cps
Iron	54-2	70872	70923	69921	70572	0.80	cps
Krypton	83-1	130	190	213	178	24.18	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:14:36	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14051	14364	14451	14289	1.47	cps
Lead	207-1	12653	12312	13083	12683	3.05	cps
Lead	208-1	56379	56977	58272	57209	1.69	cps
Lithium	6-1	1045349	1055055	1063650	1054685	0.87	cps
Magnesium	24-2	318307	318733	317517	318186	0.19	cps
Manganese	55-2	6525	6838	6582	6648	2.51	cps
Molybdenum	94-1	34103	35099	34975	34726	1.56	cps
Molybdenum	95-1	41846	43230	42920	42665	1.70	cps
Molybdenum	96-1	47065	46851	47477	47131	0.67	cps
Molybdenum	97-1	26057	26457	26775	26429	1.36	cps
Molybdenum	98-1	67137	67907	68918	67987	1.31	cps
Neodymium	150-1	30	40	23	31	26.97	cps
Neodymium	150-2	17	10	20	16	32.73	cps
Nickel	60-2	2647	2630	2750	2676	2.43	cps
Phosphorus	31-2	97	83	137	106	26.30	cps
Potassium	39-2	415379	416363	414339	415360	0.24	cps
Rhodium	103-1	6682978	6711348	6684312	6692879	0.24	cps
Rhodium	103-2	3838232	3867374	3815897	3840501	0.67	cps
Scandium	45-1	3574103	3585888	3582497	3580829	0.17	cps
Scandium	45-2	324722	327257	328839	326940	0.64	cps
Selenium	82-1	1619	1603	1558	1594	1.98	cps
Selenium	77-2	127	97	100	108	15.26	cps
Selenium	78-2	563	647	657	622	8.24	cps
Silicon	28-1	232685	237954	239399	236679	1.49	cps
Silver	107-1	19233	20348	20822	20134	4.05	cps
Silver	109-1	18619	19176	19373	19056	2.05	cps
Sodium	23-2	517839	519979	519167	518995	0.21	cps
Strontium	86-1	5751	6015	6075	5947	2.89	cps
Strontium	88-1	48513	49740	49867	49374	1.52	cps
Sulfur	34-1	119890	120847	124882	121873	2.17	cps
Terbium	159-1	10054652	10199103	10261124	10171626	1.04	cps
Terbium	159-2	5896485	5998519	6009259	5968088	1.04	cps
Thallium	203-1	16113	16176	16473	16254	1.18	cps
Thallium	205-1	38722	39022	39334	39026	0.78	cps
Tin	118-1	2160	2150	2014	2108	3.89	cps
Titanium	47-1	9790	10143	10517	10150	3.58	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BS	Instrumnet Name :	P7
Client Sample ID :	LCS452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:14:36	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51610	51626	51807	51681	0.21	cps
Vanadium	51-2	29215	29435	29432	29361	0.43	cps
Yttrium	89-1	11311127	11540773	11502007	11451302	1.07	cps
Yttrium	89-2	2850323	2813301	2807905	2823843	0.82	cps
Zinc	66-2	6025	6241	6235	6167	2.00	cps
Zirconium	90-1	28645	29506	29239	29130	1.51	cps
Zirconium	91-1	6348	6508	6618	6491	2.09	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:17:52	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5158	4887	4821	4955	3.60	cps
Antimony	121-1	16830	16753	17057	16880	0.94	cps
Arsenic	75-2	410	380	417	402	4.86	cps
Barium	135-1	22124	22364	22144	22211	0.60	cps
Barium	137-1	37319	38372	38331	38007	1.57	cps
Beryllium	9-1	1139	1139	1161	1146	1.12	cps
Bismuth	209-1	6556321	6596280	6614657	6589086	0.45	cps
Bismuth	209-2	4434475	4440386	4438242	4437701	0.07	cps
Bromine	81-1	9046	9006	9056	9036	0.29	cps
Bromine	81-2	63	47	67	59	18.19	cps
Cadmium	108-1	120	130	180	143	22.43	cps
Cadmium	106-1	2657	2510	2600	2589	2.86	cps
Cadmium	111-1	3856	3766	3718	3780	1.86	cps
Calcium	43-1	10397	10954	10861	10737	2.78	cps
Calcium	44-1	177838	180570	181755	180054	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7228	7629	7385	7414	2.72	cps
Cobalt	59-2	5218	5524	5398	5380	2.87	cps
Copper	63-2	8142	8299	8269	8237	1.01	cps
Dysprosium	156-1	267	237	243	249	6.33	cps
Dysprosium	156-2	67	93	73	78	17.84	cps
Erbium	164-1	77	80	70	76	6.74	cps
Erbium	164-2	37	37	60	44	30.31	cps
Gadolinium	160-1	60	43	30	44	33.82	cps
Gadolinium	160-2	297	250	293	280	9.30	cps
Holmium	165-1	10105735	10198571	9995398	10099901	1.01	cps
Holmium	165-2	6055743	6044382	6011784	6037303	0.38	cps
Indium	115-1	7521221	7538365	7556365	7538650	0.23	cps
Indium	115-2	2352993	2339808	2335590	2342797	0.39	cps
Iron	56-2	671075	672516	663036	668875	0.76	cps
Iron	57-2	17283	17544	17247	17358	0.93	cps
Iron	54-2	37283	38068	37968	37773	1.13	cps
Krypton	83-1	140	133	210	161	26.36	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:17:52	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7212	7415	7435	7354	1.68	cps
Lead	207-1	6512	6702	6708	6641	1.68	cps
Lead	208-1	29783	30534	30544	30287	1.44	cps
Lithium	6-1	1082822	1072520	1062937	1072760	0.93	cps
Magnesium	24-2	161743	161030	159598	160790	0.68	cps
Manganese	55-2	4124	4137	4177	4146	0.67	cps
Molybdenum	94-1	17130	17430	18065	17542	2.72	cps
Molybdenum	95-1	21008	21636	21599	21415	1.64	cps
Molybdenum	96-1	23522	23676	24290	23829	1.71	cps
Molybdenum	97-1	12963	13253	13540	13252	2.18	cps
Molybdenum	98-1	33532	34568	35182	34427	2.42	cps
Neodymium	150-1	27	47	30	34	31.11	cps
Neodymium	150-2	3	13	20	12	68.66	cps
Nickel	60-2	1417	1293	1450	1387	5.95	cps
Phosphorus	31-2	123	127	100	117	12.45	cps
Potassium	39-2	225394	227921	226859	226725	0.56	cps
Rhodium	103-1	6834321	6810723	6796407	6813817	0.28	cps
Rhodium	103-2	3915097	3913693	3889656	3906149	0.37	cps
Scandium	45-1	3637782	3661578	3669650	3656337	0.45	cps
Scandium	45-2	334455	331488	333790	333244	0.47	cps
Selenium	82-1	960	1074	921	985	8.08	cps
Selenium	77-2	53	43	67	54	21.51	cps
Selenium	78-2	397	410	483	430	10.85	cps
Silicon	28-1	200397	203206	205351	202985	1.22	cps
Silver	107-1	10300	10374	10627	10434	1.64	cps
Silver	109-1	9557	9513	9920	9663	2.31	cps
Sodium	23-2	268285	268496	267204	267995	0.26	cps
Strontium	86-1	3240	3207	3310	3253	1.62	cps
Strontium	88-1	26577	26664	26554	26599	0.22	cps
Sulfur	34-1	128726	128633	131728	129696	1.36	cps
Terbium	159-1	10267808	10396731	10113498	10259346	1.38	cps
Terbium	159-2	6041068	5934302	5871718	5949029	1.44	cps
Thallium	203-1	8046	8102	8159	8102	0.70	cps
Thallium	205-1	19771	19704	19938	19805	0.61	cps
Tin	118-1	1957	2003	2100	2020	3.62	cps
Titanium	47-1	5188	4998	5164	5116	2.03	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	PB164452BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD452	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:17:52	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25364	25778	25344	25496	0.96	cps
Vanadium	51-2	14390	14510	14500	14467	0.46	cps
Yttrium	89-1	11681719	11653175	11610235	11648376	0.31	cps
Yttrium	89-2	2920405	2859632	2855263	2878433	1.27	cps
Zinc	66-2	3150	3257	3194	3200	1.68	cps
Zirconium	90-1	14564	15235	15228	15009	2.57	cps
Zirconium	91-1	3557	3357	3340	3418	3.53	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:21:07	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8006907	7995168	7837159	7946412	1.19	cps
Antimony	121-1	16820	17084	17074	16992	0.88	cps
Arsenic	75-2	52583	53185	53496	53088	0.87	cps
Barium	135-1	1317431	1343949	1348696	1336692	1.26	cps
Barium	137-1	2473980	2564281	2516229	2518163	1.79	cps
Beryllium	9-1	2078	1967	2039	2028	2.78	cps
Bismuth	209-1	6399898	5865259	6527455	6264204	5.61	cps
Bismuth	209-2	4369396	4353850	4324068	4349104	0.53	cps
Bromine	81-1	12015	12015	12002	12011	0.06	cps
Bromine	81-2	643	690	680	671	3.66	cps
Cadmium	108-1	540	593	587	573	5.07	cps
Cadmium	106-1	3350	3107	3274	3244	3.84	cps
Cadmium	111-1	6945	6907	7309	7054	3.14	cps
Calcium	43-1	186686	188135	186371	187064	0.50	cps
Calcium	44-1	2822172	2855699	2880811	2852894	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	342188	343443	344070	343234	0.28	cps
Cobalt	59-2	307231	306307	308639	307392	0.38	cps
Copper	63-2	1080547	1074675	1077061	1077428	0.27	cps
Dysprosium	156-1	81894	83355	81920	82390	1.02	cps
Dysprosium	156-2	60737	60724	60620	60694	0.11	cps
Erbium	164-1	61936	62663	62516	62372	0.62	cps
Erbium	164-2	37557	37153	37300	37336	0.55	cps
Gadolinium	160-1	74460	76564	75975	75666	1.43	cps
Gadolinium	160-2	48396	47684	47373	47818	1.10	cps
Holmium	165-1	10257533	8858480	10180423	9765479	8.05	cps
Holmium	165-2	6079705	6041045	6022116	6047622	0.49	cps
Indium	115-1	7419588	6578163	7455531	7151094	6.94	cps
Indium	115-2	2301375	2252086	2268187	2273882	1.11	cps
Iron	56-2	314447969	311066842	309696449	311737086	0.78	cps
Iron	57-2	7759786	7754204	7686505	7733498	0.53	cps
Iron	54-2	17097343	16983930	17020441	17033904	0.34	cps
Krypton	83-1	287	223	250	253	12.55	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:21:07	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	613908	631654	632249	625937	1.66	cps
Lead	207-1	542847	553995	559992	552278	1.58	cps
Lead	208-1	2453559	2518256	2521703	2497839	1.54	cps
Lithium	6-1	1069745	941789	1054374	1021969	6.84	cps
Magnesium	24-2	6919194	6916774	6831005	6888991	0.73	cps
Manganese	55-2	7398300	7362471	7404847	7388539	0.31	cps
Molybdenum	94-1	75443	77222	76783	76483	1.21	cps
Molybdenum	95-1	6365	6278	6141	6261	1.80	cps
Molybdenum	96-1	23249	24334	23579	23720	2.34	cps
Molybdenum	97-1	3560	3634	3937	3711	5.38	cps
Molybdenum	98-1	9720	9320	9657	9565	2.25	cps
Neodymium	150-1	153286	154857	156322	154822	0.98	cps
Neodymium	150-2	77877	78078	79134	78363	0.86	cps
Nickel	60-2	140215	139320	137776	139103	0.89	cps
Phosphorus	31-2	19012	19059	18732	18934	0.93	cps
Potassium	39-2	3422502	3400772	3352317	3391864	1.06	cps
Rhodium	103-1	6635133	5845573	6645572	6375426	7.20	cps
Rhodium	103-2	3805914	3836933	3779561	3807470	0.75	cps
Scandium	45-1	3951570	3487328	3902549	3780482	6.75	cps
Scandium	45-2	357109	354749	349487	353782	1.10	cps
Selenium	82-1	463	511	523	499	6.39	cps
Selenium	77-2	260	180	247	229	18.73	cps
Selenium	78-2	467	393	400	420	9.66	cps
Silicon	28-1	26255535	26392093	26511936	26386522	0.49	cps
Silver	107-1	6728	6532	6325	6528	3.09	cps
Silver	109-1	6408	5988	5988	6128	3.96	cps
Sodium	23-2	89109	89531	89565	89402	0.28	cps
Strontium	86-1	209992	214551	212974	212506	1.09	cps
Strontium	88-1	1946544	1961457	1938280	1948760	0.60	cps
Sulfur	34-1	127029	123158	123582	124590	1.70	cps
Terbium	159-1	10547754	9117059	10555603	10073472	8.22	cps
Terbium	159-2	6104215	5989656	6030534	6041468	0.96	cps
Thallium	203-1	44148	45138	46165	45150	2.23	cps
Thallium	205-1	106066	107088	107313	106822	0.62	cps
Tin	118-1	22371	22942	22594	22636	1.27	cps
Titanium	47-1	1055399	1068500	1063587	1062495	0.62	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:21:07	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37419	38372	38933	38241	2.00	cps
Vanadium	51-2	602767	602993	598860	601540	0.39	cps
Yttrium	89-1	12635061	11055869	12506454	12065795	7.27	cps
Yttrium	89-2	3036068	3014517	2990863	3013816	0.75	cps
Zinc	66-2	171425	173677	171839	172314	0.70	cps
Zirconium	90-1	195810	197965	198502	197426	0.72	cps
Zirconium	91-1	43665	44858	44798	44440	1.51	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:24:15	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7733526	7706589	7663107	7701074	0.46	cps
Antimony	121-1	16429	16750	16803	16661	1.21	cps
Arsenic	75-2	51248	50833	50970	51017	0.41	cps
Barium	135-1	1283125	1303433	1311236	1299265	1.12	cps
Barium	137-1	2444187	2436153	2504768	2461703	1.52	cps
Beryllium	9-1	2072	1883	2039	1998	5.05	cps
Bismuth	209-1	6405767	6528266	6416090	6450041	1.05	cps
Bismuth	209-2	4342424	4383174	4341883	4355827	0.54	cps
Bromine	81-1	11801	11615	11264	11560	2.36	cps
Bromine	81-2	700	740	683	708	4.11	cps
Cadmium	108-1	410	497	553	487	14.83	cps
Cadmium	106-1	3357	3417	3357	3377	1.03	cps
Cadmium	111-1	6907	7095	7030	7011	1.36	cps
Calcium	43-1	177087	179373	178355	178271	0.64	cps
Calcium	44-1	2677691	2724861	2737612	2713388	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	330642	330879	329212	330244	0.27	cps
Cobalt	59-2	298255	295091	294895	296081	0.64	cps
Copper	63-2	1037406	1031553	1034570	1034510	0.28	cps
Dysprosium	156-1	80284	80599	80596	80493	0.22	cps
Dysprosium	156-2	58678	60051	59274	59334	1.16	cps
Erbium	164-1	59663	60473	61160	60432	1.24	cps
Erbium	164-2	35919	36427	36100	36149	0.71	cps
Gadolinium	160-1	73079	74295	74014	73796	0.86	cps
Gadolinium	160-2	46681	47075	46617	46791	0.53	cps
Holmium	165-1	10053140	10167651	10054398	10091730	0.65	cps
Holmium	165-2	5995981	6097815	6013118	6035638	0.90	cps
Indium	115-1	7236810	7263070	7247650	7249177	0.18	cps
Indium	115-2	2288530	2232907	2241389	2254275	1.33	cps
Iron	56-2	298925422	301724862	300078742	300243009	0.47	cps
Iron	57-2	7455299	7446083	7345415	7415599	0.82	cps
Iron	54-2	16391459	16442941	16254375	16362925	0.60	cps
Krypton	83-1	203	233	213	217	7.05	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:24:15	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	610757	623069	622462	618763	1.12	cps
Lead	207-1	535045	543315	551813	543391	1.54	cps
Lead	208-1	2430634	2458929	2492737	2460766	1.26	cps
Lithium	6-1	1070395	1086346	1068820	1075187	0.90	cps
Magnesium	24-2	6706249	6691272	6678467	6691996	0.21	cps
Manganese	55-2	7142326	7170293	7134247	7148955	0.26	cps
Molybdenum	94-1	73128	74716	75520	74454	1.63	cps
Molybdenum	95-1	5601	6038	6051	5897	4.34	cps
Molybdenum	96-1	22087	22568	22995	22550	2.01	cps
Molybdenum	97-1	3660	3627	3594	3627	0.92	cps
Molybdenum	98-1	9173	9183	9040	9132	0.88	cps
Neodymium	150-1	149048	151375	151827	150750	0.99	cps
Neodymium	150-2	76345	76131	75605	76027	0.50	cps
Nickel	60-2	132916	133041	133188	133048	0.10	cps
Phosphorus	31-2	17774	18338	18074	18062	1.56	cps
Potassium	39-2	3289921	3278975	3256165	3275020	0.53	cps
Rhodium	103-1	6381274	6519704	6494001	6464993	1.14	cps
Rhodium	103-2	3764157	3739822	3740682	3748220	0.37	cps
Scandium	45-1	3762170	3834931	3749712	3782271	1.22	cps
Scandium	45-2	349069	347428	343876	346791	0.77	cps
Selenium	82-1	493	501	513	502	1.96	cps
Selenium	77-2	233	223	227	228	2.24	cps
Selenium	78-2	363	370	370	368	1.05	cps
Silicon	28-1	25702855	25811220	25941925	25818667	0.46	cps
Silver	107-1	5474	5788	5931	5731	4.08	cps
Silver	109-1	5511	5538	5608	5552	0.90	cps
Sodium	23-2	87610	87802	88103	87838	0.28	cps
Strontium	86-1	203223	205389	207382	205331	1.01	cps
Strontium	88-1	1829350	1871043	1866843	1855745	1.24	cps
Sulfur	34-1	120759	120813	120262	120611	0.25	cps
Terbium	159-1	10455822	10351835	10380132	10395930	0.52	cps
Terbium	159-2	5972363	5961378	5944610	5959450	0.23	cps
Thallium	203-1	39537	40199	40921	40219	1.72	cps
Thallium	205-1	93707	96479	95844	95343	1.52	cps
Tin	118-1	21710	22414	22077	22067	1.60	cps
Titanium	47-1	1007110	1019792	1023253	1016718	0.84	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:24:15	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37927	38178	38211	38105	0.41	cps
Vanadium	51-2	581140	582068	574980	579396	0.66	cps
Yttrium	89-1	12046526	12191222	12118043	12118597	0.60	cps
Yttrium	89-2	2961568	2942120	2975979	2959889	0.57	cps
Zinc	66-2	167298	167055	165310	166555	0.65	cps
Zirconium	90-1	190259	192328	191349	191312	0.54	cps
Zirconium	91-1	42214	43076	43638	42976	1.67	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:27:21	DataFile Name :	088CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1429359	1410419	1423528	1421102	0.68	cps
Antimony	121-1	3050	3147	3314	3170	4.20	cps
Arsenic	75-2	9566	9340	9663	9523	1.74	cps
Barium	135-1	238666	244078	242468	241737	1.15	cps
Barium	137-1	414197	419632	423447	419092	1.11	cps
Beryllium	9-1	389	367	367	374	3.43	cps
Bismuth	209-1	6630974	6690662	6603627	6641754	0.67	cps
Bismuth	209-2	4393476	4387315	4413767	4398186	0.31	cps
Bromine	81-1	9283	9236	9196	9239	0.47	cps
Bromine	81-2	163	157	143	154	6.59	cps
Cadmium	108-1	117	120	133	123	7.15	cps
Cadmium	106-1	2564	2624	2357	2515	5.56	cps
Cadmium	111-1	2703	2709	2590	2667	2.52	cps
Calcium	43-1	31903	32949	33955	32936	3.11	cps
Calcium	44-1	535810	546315	548469	543532	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61060	60440	61428	60976	0.82	cps
Cobalt	59-2	55221	55589	55566	55459	0.37	cps
Copper	63-2	197673	195375	196266	196438	0.59	cps
Dysprosium	156-1	15088	15829	15158	15358	2.66	cps
Dysprosium	156-2	10791	11064	11251	11036	2.10	cps
Erbium	164-1	11218	11061	11602	11294	2.46	cps
Erbium	164-2	6622	6498	6485	6535	1.15	cps
Gadolinium	160-1	13683	13810	13223	13572	2.28	cps
Gadolinium	160-2	8893	8523	9003	8806	2.86	cps
Holmium	165-1	10212678	10076683	10189936	10159766	0.72	cps
Holmium	165-2	6071470	5982865	5927277	5993871	1.21	cps
Indium	115-1	7305962	7255197	7382213	7314458	0.87	cps
Indium	115-2	2325808	2258755	2257951	2280838	1.71	cps
Iron	56-2	55853988	55460378	55860961	55725109	0.41	cps
Iron	57-2	1391937	1377972	1381940	1383950	0.52	cps
Iron	54-2	3091145	3085638	3060734	3079172	0.53	cps
Krypton	83-1	153	140	163	152	7.69	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:27:21	DataFile Name :	088CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	116033	118574	118736	117781	1.29	cps
Lead	207-1	101371	105008	104192	103524	1.84	cps
Lead	208-1	461739	474683	471141	469188	1.43	cps
Lithium	6-1	1079397	1055658	1054077	1063044	1.33	cps
Magnesium	24-2	1255092	1240544	1232457	1242698	0.92	cps
Manganese	55-2	1320587	1314635	1319606	1318276	0.24	cps
Molybdenum	94-1	13470	14451	14144	14021	3.58	cps
Molybdenum	95-1	1260	1313	1233	1269	3.21	cps
Molybdenum	96-1	4424	4701	4501	4542	3.15	cps
Molybdenum	97-1	740	733	797	757	4.60	cps
Molybdenum	98-1	2020	1890	1807	1906	5.64	cps
Neodymium	150-1	28228	27801	28636	28222	1.48	cps
Neodymium	150-2	14257	14514	14224	14332	1.11	cps
Nickel	60-2	25422	25221	25789	25477	1.13	cps
Phosphorus	31-2	3490	3574	3470	3512	1.56	cps
Potassium	39-2	670851	666090	668369	668437	0.36	cps
Rhodium	103-1	6546460	6688926	6533968	6589785	1.31	cps
Rhodium	103-2	3846759	3748103	3778649	3791170	1.33	cps
Scandium	45-1	3543706	3580339	3565176	3563073	0.52	cps
Scandium	45-2	328219	322864	324073	325052	0.86	cps
Selenium	82-1	378	416	376	390	5.74	cps
Selenium	77-2	57	37	37	43	26.64	cps
Selenium	78-2	200	217	247	221	10.70	cps
Silicon	28-1	4720261	4863860	4856888	4813670	1.68	cps
Silver	107-1	1190	1153	1220	1188	2.81	cps
Silver	109-1	1113	1107	1130	1117	1.08	cps
Sodium	23-2	30236	30747	30013	30332	1.24	cps
Strontium	86-1	37778	38420	38457	38218	1.00	cps
Strontium	88-1	330485	335789	339919	335398	1.41	cps
Sulfur	34-1	115328	115506	114230	115021	0.60	cps
Terbium	159-1	10217035	10277929	10386234	10293733	0.83	cps
Terbium	159-2	5956722	5903132	5876807	5912220	0.69	cps
Thallium	203-1	8396	8489	8706	8531	1.87	cps
Thallium	205-1	19501	20432	20182	20038	2.41	cps
Tin	118-1	5471	5574	5778	5608	2.78	cps
Titanium	47-1	182961	187384	186672	185672	1.28	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:27:21	DataFile Name :	088CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7015	7199	6995	7070	1.59	cps
Vanadium	51-2	106935	107163	105834	106644	0.67	cps
Yttrium	89-1	11417692	11591553	11522172	11510472	0.76	cps
Yttrium	89-2	2822382	2784985	2793625	2800330	0.70	cps
Zinc	66-2	31380	32328	31460	31723	1.66	cps
Zirconium	90-1	34761	35426	35463	35217	1.12	cps
Zirconium	91-1	7785	8112	8292	8063	3.19	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:30:33	DataFile Name :	089LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7773835	7691841	7673266	7712981	0.69	cps
Antimony	121-1	519552	526558	524629	523580	0.69	cps
Arsenic	75-2	60837	59432	59663	59977	1.26	cps
Barium	135-1	4271191	4321510	4293522	4295408	0.59	cps
Barium	137-1	7329502	7308368	7458753	7365541	1.11	cps
Beryllium	9-1	35825	35736	36749	36103	1.55	cps
Bismuth	209-1	6481356	6626166	6541857	6549793	1.11	cps
Bismuth	209-2	4337054	4275180	4249207	4287147	1.05	cps
Bromine	81-1	11224	11128	11545	11299	1.93	cps
Bromine	81-2	580	553	507	547	6.79	cps
Cadmium	108-1	4401	4457	4767	4542	4.35	cps
Cadmium	106-1	8970	8759	9140	8956	2.13	cps
Cadmium	111-1	69773	69758	70396	69976	0.52	cps
Calcium	43-1	173347	176146	178007	175833	1.33	cps
Calcium	44-1	2660927	2695886	2681473	2679429	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	713798	708407	709209	710471	0.41	cps
Cobalt	59-2	1804571	1824086	1786606	1805088	1.04	cps
Copper	63-2	1592360	1578415	1599759	1590178	0.68	cps
Dysprosium	156-1	78541	81598	80694	80278	1.96	cps
Dysprosium	156-2	59455	58501	58652	58869	0.87	cps
Erbium	164-1	60122	60109	61227	60486	1.06	cps
Erbium	164-2	35228	36063	35686	35659	1.17	cps
Gadolinium	160-1	72714	72657	74168	73180	1.17	cps
Gadolinium	160-2	46253	46480	45811	46181	0.74	cps
Holmium	165-1	10313502	10176268	10023764	10171178	1.42	cps
Holmium	165-2	6012184	5952364	5902762	5955770	0.92	cps
Indium	115-1	7246167	7174997	7208307	7209824	0.49	cps
Indium	115-2	2223588	2205460	2191787	2206945	0.72	cps
Iron	56-2	299318536	294381322	296256156	296652004	0.84	cps
Iron	57-2	7392812	7338791	7385161	7372255	0.40	cps
Iron	54-2	16288346	16219887	16093133	16200455	0.61	cps
Krypton	83-1	263	250	237	250	5.33	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:30:33	DataFile Name :	089LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	687300	701798	703161	697420	1.26	cps
Lead	207-1	605820	617428	620964	614737	1.29	cps
Lead	208-1	2747875	2809655	2807677	2788403	1.26	cps
Lithium	6-1	1046683	1074640	1056708	1059344	1.34	cps
Magnesium	24-2	6560907	6457571	6626558	6548345	1.30	cps
Manganese	55-2	7806134	7651488	7715346	7724323	1.01	cps
Molybdenum	94-1	69906	70354	71034	70431	0.81	cps
Molybdenum	95-1	5905	6168	5995	6022	2.22	cps
Molybdenum	96-1	22120	21843	22380	22115	1.22	cps
Molybdenum	97-1	3884	3670	3650	3735	3.46	cps
Molybdenum	98-1	9306	9106	9016	9143	1.62	cps
Neodymium	150-1	147222	150554	150240	149339	1.23	cps
Neodymium	150-2	74797	74881	74851	74843	0.06	cps
Nickel	60-2	496872	492987	493760	494540	0.42	cps
Phosphorus	31-2	17770	17343	18248	17787	2.54	cps
Potassium	39-2	3249956	3157448	3167435	3191613	1.59	cps
Rhodium	103-1	6472824	6441208	6417031	6443688	0.43	cps
Rhodium	103-2	3720733	3721926	3648360	3697006	1.14	cps
Scandium	45-1	3701476	3735179	3729840	3722165	0.49	cps
Scandium	45-2	343595	337901	339414	340303	0.87	cps
Selenium	82-1	7498	7841	7716	7685	2.26	cps
Selenium	77-2	907	917	783	869	8.55	cps
Selenium	78-2	2570	2560	2407	2512	3.64	cps
Silicon	28-1	23701990	23777796	24127454	23869080	0.95	cps
Silver	107-1	265423	269530	272189	269047	1.27	cps
Silver	109-1	251185	255570	258811	255189	1.50	cps
Sodium	23-2	85184	84952	85472	85203	0.31	cps
Strontium	86-1	196313	201363	201997	199891	1.56	cps
Strontium	88-1	1829749	1831129	1808942	1823273	0.68	cps
Sulfur	34-1	123068	121501	122086	122218	0.65	cps
Terbium	159-1	10386253	10357506	10374311	10372690	0.14	cps
Terbium	159-2	6015963	5940479	5917910	5958117	0.86	cps
Thallium	203-1	284693	296050	293551	291431	2.05	cps
Thallium	205-1	685186	699544	711371	698700	1.88	cps
Tin	118-1	21710	21666	23145	22174	3.80	cps
Titanium	47-1	979976	988365	992104	986815	0.63	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:30:33	DataFile Name :	089LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37770	37847	37844	37820	0.11	cps
Vanadium	51-2	1402470	1395134	1406534	1401379	0.41	cps
Yttrium	89-1	12152586	12088715	12091454	12110918	0.30	cps
Yttrium	89-2	2948429	2887508	2892415	2909450	1.16	cps
Zinc	66-2	329926	324960	327564	327484	0.76	cps
Zirconium	90-1	181091	184215	185262	183523	1.18	cps
Zirconium	91-1	40549	41886	41385	41273	1.64	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:33:34	DataFile Name :	090LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8338002	8355406	8291510	8328306	0.40	cps
Antimony	121-1	2782567	2796793	2817214	2798858	0.62	cps
Arsenic	75-2	97155	95880	97809	96948	1.01	cps
Barium	135-1	15353884	15569677	15496291	15473284	0.71	cps
Barium	137-1	26536661	26846550	27196939	26860050	1.23	cps
Beryllium	9-1	167098	170669	171253	169673	1.33	cps
Bismuth	209-1	6510472	6522980	6536258	6523237	0.20	cps
Bismuth	209-2	4279676	4323818	4293370	4298954	0.53	cps
Bromine	81-1	10684	10674	11168	10842	2.60	cps
Bromine	81-2	633	557	570	587	6.98	cps
Cadmium	108-1	21603	22010	21857	21823	0.94	cps
Cadmium	106-1	31588	31678	31598	31621	0.16	cps
Cadmium	111-1	325573	332756	331823	330050	1.18	cps
Calcium	43-1	170263	171257	173782	171768	1.06	cps
Calcium	44-1	2609732	2633749	2633222	2625568	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2248317	2214745	2232106	2231722	0.75	cps
Cobalt	59-2	7628491	7619737	7629709	7625979	0.07	cps
Copper	63-2	3575335	3564741	3568801	3569626	0.15	cps
Dysprosium	156-1	77780	79936	80700	79472	1.91	cps
Dysprosium	156-2	58230	59050	58344	58541	0.76	cps
Erbium	164-1	59235	60895	61441	60524	1.90	cps
Erbium	164-2	35836	35555	34970	35454	1.25	cps
Gadolinium	160-1	71461	73200	74285	72982	1.95	cps
Gadolinium	160-2	46019	46400	46534	46317	0.58	cps
Holmium	165-1	10024355	10127199	10130497	10094017	0.60	cps
Holmium	165-2	5919081	5903639	5899236	5907319	0.18	cps
Indium	115-1	7102769	7140889	7030211	7091290	0.79	cps
Indium	115-2	2212247	2161637	2174251	2182711	1.21	cps
Iron	56-2	298318096	298959962	300791269	299356442	0.43	cps
Iron	57-2	7401492	7424385	7384747	7403541	0.27	cps
Iron	54-2	16271049	16347631	16403326	16340668	0.41	cps
Krypton	83-1	227	273	223	241	11.59	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:33:34	DataFile Name :	090LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1034724	1051242	1054903	1046957	1.03	cps
Lead	207-1	905037	919911	925170	916706	1.14	cps
Lead	208-1	4472554	4549100	4565929	4529194	1.10	cps
Lithium	6-1	1029073	1088083	1058838	1058665	2.79	cps
Magnesium	24-2	6450973	6419690	6491912	6454192	0.56	cps
Manganese	55-2	10387311	10349361	10512288	10416320	0.82	cps
Molybdenum	94-1	70479	69564	72029	70691	1.76	cps
Molybdenum	95-1	6088	6215	6485	6263	3.24	cps
Molybdenum	96-1	21713	21820	22401	21978	1.68	cps
Molybdenum	97-1	3741	3901	3584	3742	4.23	cps
Molybdenum	98-1	9200	9693	9483	9459	2.62	cps
Neodymium	150-1	145996	148539	150594	148377	1.55	cps
Neodymium	150-2	74961	74800	74727	74829	0.16	cps
Nickel	60-2	2032711	2024991	1990885	2016196	1.10	cps
Phosphorus	31-2	17260	17293	17096	17216	0.61	cps
Potassium	39-2	3138187	3108967	3160188	3135781	0.82	cps
Rhodium	103-1	6316253	6423207	6338113	6359191	0.89	cps
Rhodium	103-2	3643570	3657606	3607778	3636318	0.71	cps
Scandium	45-1	3663330	3655384	3690391	3669701	0.50	cps
Scandium	45-2	334227	335667	331932	333942	0.56	cps
Selenium	82-1	40192	40919	41338	40817	1.42	cps
Selenium	77-2	3837	4021	3874	3911	2.48	cps
Selenium	78-2	12829	12525	12689	12681	1.20	cps
Silicon	28-1	23101157	23133340	23529150	23254549	1.02	cps
Silver	107-1	1294848	1310158	1316211	1307072	0.84	cps
Silver	109-1	1232484	1243699	1249444	1241876	0.69	cps
Sodium	23-2	85234	84406	85251	84964	0.57	cps
Strontium	86-1	196432	198590	200083	198369	0.93	cps
Strontium	88-1	1788912	1804842	1793583	1795779	0.46	cps
Sulfur	34-1	120043	118166	120235	119481	0.96	cps
Terbium	159-1	10183518	10309455	10330523	10274499	0.77	cps
Terbium	159-2	5927467	5862949	5865991	5885469	0.62	cps
Thallium	203-1	1336182	1360772	1368331	1355095	1.24	cps
Thallium	205-1	3715112	3762030	3836860	3771334	1.63	cps
Tin	118-1	23219	23246	23195	23220	0.11	cps
Titanium	47-1	951443	968352	975806	965200	1.29	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:33:34	DataFile Name :	090LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37613	37777	38037	37809	0.57	cps
Vanadium	51-2	4626559	4651131	4677417	4651702	0.55	cps
Yttrium	89-1	11788432	11986861	12001369	11925554	1.00	cps
Yttrium	89-2	2906712	2863658	2865305	2878558	0.85	cps
Zinc	66-2	966538	959884	970301	965574	0.55	cps
Zirconium	90-1	177711	179920	181841	179824	1.15	cps
Zirconium	91-1	39991	40736	41271	40666	1.58	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:36:32	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7855325	7809773	7829274	7831457	0.29	cps
Antimony	121-1	19610	20905	21022	20513	3.82	cps
Arsenic	75-2	41949	41274	41067	41430	1.11	cps
Barium	135-1	1099040	1128550	1132570	1120053	1.63	cps
Barium	137-1	2062788	2108602	2128217	2099869	1.60	cps
Beryllium	9-1	1995	2011	1922	1976	2.39	cps
Bismuth	209-1	6511117	5805320	6555697	6290711	6.69	cps
Bismuth	209-2	4221298	4302048	4223462	4248936	1.08	cps
Bromine	81-1	11231	11231	11411	11291	0.92	cps
Bromine	81-2	670	710	700	693	3.00	cps
Cadmium	108-1	430	423	520	458	11.79	cps
Cadmium	106-1	3177	3214	3480	3290	5.03	cps
Cadmium	111-1	4807	5027	5173	5002	3.68	cps
Calcium	43-1	214125	219444	220998	218189	1.65	cps
Calcium	44-1	3248471	3329330	3395182	3324328	2.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	328293	331059	327367	328907	0.58	cps
Cobalt	59-2	236208	234050	233383	234547	0.63	cps
Copper	63-2	735292	731735	731387	732805	0.29	cps
Dysprosium	156-1	77093	79922	80878	79298	2.48	cps
Dysprosium	156-2	57996	58391	58632	58339	0.55	cps
Erbium	164-1	60092	62040	63152	61761	2.51	cps
Erbium	164-2	36999	36608	36521	36709	0.69	cps
Gadolinium	160-1	72396	75207	74989	74197	2.11	cps
Gadolinium	160-2	47477	46808	47256	47180	0.72	cps
Holmium	165-1	10038385	8869709	10072432	9660175	7.09	cps
Holmium	165-2	5954633	5984524	5966299	5968485	0.25	cps
Indium	115-1	7066314	6346672	7003918	6805634	5.86	cps
Indium	115-2	2163618	2228094	2185565	2192426	1.50	cps
Iron	56-2	265165016	265895436	265865489	265641980	0.16	cps
Iron	57-2	6646093	6581015	6586873	6604660	0.55	cps
Iron	54-2	14444819	14638891	14534500	14539404	0.67	cps
Krypton	83-1	240	233	210	228	6.92	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:36:32	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	421574	436917	440425	432972	2.32	cps
Lead	207-1	373233	377750	383493	378159	1.36	cps
Lead	208-1	1687859	1731347	1741545	1720250	1.66	cps
Lithium	6-1	1035831	934430	1054881	1008381	6.42	cps
Magnesium	24-2	5650973	5695946	5671313	5672744	0.40	cps
Manganese	55-2	5561242	5682318	5644307	5629289	1.10	cps
Molybdenum	94-1	106178	110708	110936	109274	2.46	cps
Molybdenum	95-1	5971	6211	6125	6102	1.99	cps
Molybdenum	96-1	27506	28037	29022	28188	2.73	cps
Molybdenum	97-1	3464	3784	3894	3714	6.02	cps
Molybdenum	98-1	9256	9763	9603	9541	2.72	cps
Neodymium	150-1	147617	151493	151342	150151	1.46	cps
Neodymium	150-2	76506	75682	76660	76282	0.69	cps
Nickel	60-2	119115	118487	119273	118958	0.35	cps
Phosphorus	31-2	20093	20544	20370	20336	1.12	cps
Potassium	39-2	3847495	3831407	3893911	3857604	0.84	cps
Rhodium	103-1	6307831	5683264	6177542	6056212	5.44	cps
Rhodium	103-2	3665729	3718891	3646377	3676999	1.02	cps
Scandium	45-1	3608661	3267911	3689396	3521989	6.35	cps
Scandium	45-2	334756	336763	336914	336144	0.36	cps
Selenium	82-1	466	470	469	469	0.46	cps
Selenium	77-2	233	217	203	218	6.90	cps
Selenium	78-2	287	327	383	332	14.62	cps
Silicon	28-1	19654421	20152651	20341218	20049430	1.77	cps
Silver	107-1	5531	5111	5148	5263	4.42	cps
Silver	109-1	5348	4858	4894	5033	5.42	cps
Sodium	23-2	109811	110647	111392	110617	0.72	cps
Strontium	86-1	241988	246961	249971	246307	1.64	cps
Strontium	88-1	2181907	2269104	2270010	2240340	2.26	cps
Sulfur	34-1	125332	124267	125524	125041	0.54	cps
Terbium	159-1	10153813	9140813	10235718	9843448	6.20	cps
Terbium	159-2	5846181	5868733	5912145	5875686	0.57	cps
Thallium	203-1	4211	4237	4461	4303	3.19	cps
Thallium	205-1	10371	10818	10491	10560	2.19	cps
Tin	118-1	25172	26414	26167	25918	2.54	cps
Titanium	47-1	1262858	1292675	1299820	1285118	1.53	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:36:32	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41779	42982	43307	42689	1.89	cps
Vanadium	51-2	491328	493524	488969	491274	0.46	cps
Yttrium	89-1	11804148	10612194	11873839	11430060	6.20	cps
Yttrium	89-2	2853192	2910347	2850258	2871266	1.18	cps
Zinc	66-2	157348	156062	155998	156469	0.49	cps
Zirconium	90-1	279935	289026	290532	286498	2.00	cps
Zirconium	91-1	65919	64903	65331	65385	0.78	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:40:22	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8102914	8011687	8097222	8070608	0.63	cps
Antimony	121-1	20615	20805	21162	20861	1.33	cps
Arsenic	75-2	42811	42955	42567	42778	0.46	cps
Barium	135-1	1157779	1175864	1175631	1169758	0.89	cps
Barium	137-1	2173906	2193199	2250169	2205758	1.80	cps
Beryllium	9-1	1772	1783	1950	1835	5.43	cps
Bismuth	209-1	6437006	6482438	6460586	6460010	0.35	cps
Bismuth	209-2	4254368	4307813	4145313	4235832	1.96	cps
Bromine	81-1	11321	11431	11518	11423	0.86	cps
Bromine	81-2	803	693	620	706	13.08	cps
Cadmium	108-1	453	477	437	456	4.41	cps
Cadmium	106-1	3167	3170	3280	3206	2.01	cps
Cadmium	111-1	4990	4949	5181	5040	2.45	cps
Calcium	43-1	222118	225159	225494	224257	0.83	cps
Calcium	44-1	3375811	3391467	3446688	3404655	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	333967	335334	336214	335172	0.34	cps
Cobalt	59-2	241989	240802	238549	240447	0.73	cps
Copper	63-2	743554	749727	749602	747628	0.47	cps
Dysprosium	156-1	80529	83077	82480	82029	1.62	cps
Dysprosium	156-2	58347	59013	61249	59537	2.55	cps
Erbium	164-1	63580	63132	64307	63673	0.93	cps
Erbium	164-2	37624	36344	37561	37176	1.94	cps
Gadolinium	160-1	74942	74674	75844	75153	0.82	cps
Gadolinium	160-2	48383	47694	47838	47972	0.76	cps
Holmium	165-1	10007923	10029483	10030112	10022506	0.13	cps
Holmium	165-2	5904707	6013976	5937972	5952218	0.94	cps
Indium	115-1	6934254	7074405	7080290	7029650	1.18	cps
Indium	115-2	2166536	2188450	2172214	2175733	0.52	cps
Iron	56-2	273565056	274575803	270751389	272964083	0.73	cps
Iron	57-2	6738695	6754658	6733067	6742140	0.17	cps
Iron	54-2	14866600	14809049	14866311	14847320	0.22	cps
Krypton	83-1	223	210	240	224	6.70	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:40:22	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	432674	439743	447656	440024	1.70	cps
Lead	207-1	376990	381190	385106	381095	1.07	cps
Lead	208-1	1715417	1744113	1760999	1740176	1.32	cps
Lithium	6-1	1050494	1073904	1051580	1058659	1.25	cps
Magnesium	24-2	5879495	5785762	5862396	5842551	0.85	cps
Manganese	55-2	5910589	5914412	5863756	5896252	0.48	cps
Molybdenum	94-1	110113	111886	114869	112290	2.14	cps
Molybdenum	95-1	6255	6378	6291	6308	1.00	cps
Molybdenum	96-1	28842	29386	29339	29189	1.03	cps
Molybdenum	97-1	4047	4044	3961	4017	1.22	cps
Molybdenum	98-1	9617	10040	9683	9780	2.33	cps
Neodymium	150-1	149837	152175	154432	152148	1.51	cps
Neodymium	150-2	76898	77853	77052	77268	0.66	cps
Nickel	60-2	122327	121316	122223	121955	0.46	cps
Phosphorus	31-2	21045	20821	20407	20757	1.56	cps
Potassium	39-2	3926817	3945699	3970142	3947553	0.55	cps
Rhodium	103-1	6263302	6294427	6308164	6288631	0.37	cps
Rhodium	103-2	3635727	3646483	3686380	3656197	0.73	cps
Scandium	45-1	3633844	3735558	3659420	3676274	1.44	cps
Scandium	45-2	338743	340270	334949	337987	0.81	cps
Selenium	82-1	404	399	449	417	6.62	cps
Selenium	77-2	263	300	280	281	6.53	cps
Selenium	78-2	360	367	357	361	1.41	cps
Silicon	28-1	19914075	20211192	20372882	20166050	1.15	cps
Silver	107-1	4938	4844	5154	4979	3.20	cps
Silver	109-1	4504	4597	4674	4592	1.85	cps
Sodium	23-2	110811	111362	110355	110843	0.46	cps
Strontium	86-1	248123	255599	255280	253001	1.67	cps
Strontium	88-1	2273650	2306093	2308223	2295989	0.84	cps
Sulfur	34-1	128189	128364	129130	128561	0.39	cps
Terbium	159-1	10121366	10243229	10178167	10180921	0.60	cps
Terbium	159-2	5886063	5800441	5866348	5850951	0.77	cps
Thallium	203-1	4127	4387	4307	4274	3.12	cps
Thallium	205-1	10081	10931	10464	10492	4.06	cps
Tin	118-1	25788	25920	26104	25937	0.61	cps
Titanium	47-1	1282365	1328850	1332713	1314643	2.13	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:40:22	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43601	43835	44247	43894	0.74	cps
Vanadium	51-2	502250	498573	500434	500419	0.37	cps
Yttrium	89-1	11819683	12044244	11952006	11938644	0.95	cps
Yttrium	89-2	2873765	2867880	2914830	2885492	0.89	cps
Zinc	66-2	160741	160883	162369	161331	0.56	cps
Zirconium	90-1	290248	293545	295126	292973	0.85	cps
Zirconium	91-1	64762	66335	66895	65997	1.68	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:44:39	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1536047	1526916	1562547	1541837	1.20	cps
Antimony	121-1	3791	4411	4034	4078	7.66	cps
Arsenic	75-2	8289	7759	8169	8072	3.44	cps
Barium	135-1	216389	220288	223804	220161	1.68	cps
Barium	137-1	376143	382289	384131	380855	1.10	cps
Beryllium	9-1	361	483	383	409	15.91	cps
Bismuth	209-1	6619506	6644106	6473427	6579013	1.40	cps
Bismuth	209-2	4306898	4403778	4364880	4358518	1.12	cps
Bromine	81-1	9123	8983	9146	9084	0.97	cps
Bromine	81-2	170	167	187	174	6.14	cps
Cadmium	108-1	103	113	107	108	4.72	cps
Cadmium	106-1	2660	2364	2587	2537	6.09	cps
Cadmium	111-1	2397	2162	2340	2299	5.32	cps
Calcium	43-1	43358	43452	43054	43288	0.48	cps
Calcium	44-1	696886	705165	710704	704252	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63369	63590	65347	64102	1.69	cps
Cobalt	59-2	45021	45535	46528	45695	1.68	cps
Copper	63-2	143763	143379	146028	144390	0.99	cps
Dysprosium	156-1	15889	15629	15816	15778	0.85	cps
Dysprosium	156-2	11518	11555	11318	11464	1.11	cps
Erbium	164-1	12152	12185	12386	12241	1.03	cps
Erbium	164-2	7295	7065	6938	7100	2.55	cps
Gadolinium	160-1	14704	14277	14257	14413	1.75	cps
Gadolinium	160-2	9270	9340	9473	9361	1.10	cps
Holmium	165-1	9948617	9948007	9917373	9937999	0.18	cps
Holmium	165-2	5871938	5858231	5905736	5878635	0.42	cps
Indium	115-1	7085467	7115725	6953725	7051639	1.22	cps
Indium	115-2	2183731	2192803	2200654	2192396	0.39	cps
Iron	56-2	51603854	51461394	52139016	51734755	0.69	cps
Iron	57-2	1308615	1313527	1319673	1313938	0.42	cps
Iron	54-2	2790855	2855267	2843888	2830003	1.21	cps
Krypton	83-1	167	163	163	164	1.17	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:44:39	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	86110	87019	86053	86394	0.63	cps
Lead	207-1	74090	76008	75267	75122	1.29	cps
Lead	208-1	339431	343645	343711	342262	0.72	cps
Lithium	6-1	1041083	1046012	1031825	1039640	0.69	cps
Magnesium	24-2	1127994	1127059	1143202	1132752	0.80	cps
Manganese	55-2	1087857	1091119	1096459	1091812	0.40	cps
Molybdenum	94-1	21339	21636	21876	21617	1.25	cps
Molybdenum	95-1	1227	1257	1240	1241	1.21	cps
Molybdenum	96-1	5831	5805	5835	5823	0.28	cps
Molybdenum	97-1	683	780	800	754	8.27	cps
Molybdenum	98-1	2047	2007	1920	1991	3.25	cps
Neodymium	150-1	29521	29163	29237	29307	0.64	cps
Neodymium	150-2	14931	14898	14674	14835	0.94	cps
Nickel	60-2	23218	23178	23705	23367	1.26	cps
Phosphorus	31-2	4254	4067	4074	4132	2.56	cps
Potassium	39-2	813063	814144	818500	815236	0.35	cps
Rhodium	103-1	6381029	6386397	6271162	6346196	1.02	cps
Rhodium	103-2	3636236	3625902	3642763	3634967	0.23	cps
Scandium	45-1	3436303	3438055	3405318	3426558	0.54	cps
Scandium	45-2	307942	308156	312529	309542	0.84	cps
Selenium	82-1	362	353	322	345	6.05	cps
Selenium	77-2	53	43	33	43	23.08	cps
Selenium	78-2	193	203	257	218	15.63	cps
Silicon	28-1	4065273	4095204	4092284	4084254	0.40	cps
Silver	107-1	1043	1013	1030	1029	1.46	cps
Silver	109-1	873	897	963	911	5.13	cps
Sodium	23-2	33657	33998	33443	33699	0.83	cps
Strontium	86-1	48416	48921	48964	48767	0.63	cps
Strontium	88-1	424341	432389	429429	428720	0.95	cps
Sulfur	34-1	117417	113652	116043	115704	1.65	cps
Terbium	159-1	10150395	10201112	9935568	10095692	1.40	cps
Terbium	159-2	5901799	5834934	5859457	5865396	0.58	cps
Thallium	203-1	917	787	910	871	8.40	cps
Thallium	205-1	2197	2317	2270	2261	2.68	cps
Tin	118-1	6358	6401	6205	6321	1.64	cps
Titanium	47-1	254465	258694	258149	257103	0.89	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:44:39	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8259	8556	8279	8365	1.98	cps
Vanadium	51-2	93460	95466	95748	94891	1.31	cps
Yttrium	89-1	11168810	11081953	10985429	11078730	0.83	cps
Yttrium	89-2	2712408	2688477	2713142	2704676	0.52	cps
Zinc	66-2	31266	30875	30985	31042	0.65	cps
Zirconium	90-1	54638	56665	56090	55798	1.87	cps
Zirconium	91-1	12555	12876	13146	12859	2.30	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:47:50	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7896602	7949344	7965931	7937292	0.46	cps
Antimony	121-1	535124	545440	544053	541539	1.03	cps
Arsenic	75-2	50071	50746	51248	50688	1.17	cps
Barium	135-1	4059709	4120512	4171991	4117404	1.37	cps
Barium	137-1	7057696	7098802	7267852	7141450	1.56	cps
Beryllium	9-1	37016	37969	37495	37493	1.27	cps
Bismuth	209-1	6479962	6567310	6431616	6492962	1.06	cps
Bismuth	209-2	4362278	4320738	4260258	4314425	1.19	cps
Bromine	81-1	10791	11204	11051	11015	1.90	cps
Bromine	81-2	623	610	707	647	8.10	cps
Cadmium	108-1	4714	4667	4904	4762	2.63	cps
Cadmium	106-1	9230	9013	9000	9081	1.42	cps
Cadmium	111-1	69144	69922	70179	69748	0.77	cps
Calcium	43-1	217029	219288	219413	218577	0.61	cps
Calcium	44-1	3296195	3352564	3351092	3333284	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	713549	713911	715770	714410	0.17	cps
Cobalt	59-2	1745540	1727411	1732722	1735225	0.54	cps
Copper	63-2	1214528	1215099	1217326	1215651	0.12	cps
Dysprosium	156-1	78478	80083	80841	79801	1.51	cps
Dysprosium	156-2	58160	58253	58417	58277	0.22	cps
Erbium	164-1	61196	63249	62730	62392	1.71	cps
Erbium	164-2	36498	35996	36351	36281	0.71	cps
Gadolinium	160-1	73739	74514	75827	74693	1.41	cps
Gadolinium	160-2	47149	47326	46972	47149	0.38	cps
Holmium	165-1	10020370	10024603	10110577	10051850	0.51	cps
Holmium	165-2	5959418	5926648	5907814	5931293	0.44	cps
Indium	115-1	7029292	7103678	7042236	7058402	0.56	cps
Indium	115-2	2165964	2153377	2169833	2163058	0.40	cps
Iron	56-2	264529909	265854816	265229043	265204589	0.25	cps
Iron	57-2	6523129	6502168	6635543	6553614	1.09	cps
Iron	54-2	14573993	14457629	14490413	14507345	0.41	cps
Krypton	83-1	250	237	207	231	9.60	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:47:50	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	513067	521384	522499	518984	0.99	cps
Lead	207-1	448359	449538	455724	451207	0.88	cps
Lead	208-1	2030326	2066773	2075409	2057503	1.16	cps
Lithium	6-1	1047763	1067307	1041734	1052268	1.27	cps
Magnesium	24-2	5647785	5601212	5636269	5628422	0.43	cps
Manganese	55-2	6373150	6344889	6315637	6344559	0.45	cps
Molybdenum	94-1	99908	101709	103203	101607	1.62	cps
Molybdenum	95-1	6248	6495	6315	6353	2.01	cps
Molybdenum	96-1	26911	27533	27269	27238	1.14	cps
Molybdenum	97-1	3861	4124	4187	4057	4.27	cps
Molybdenum	98-1	9813	9897	10117	9942	1.58	cps
Neodymium	150-1	148001	152103	150864	150323	1.40	cps
Neodymium	150-2	75729	74713	77169	75870	1.63	cps
Nickel	60-2	486682	484152	487371	486068	0.35	cps
Phosphorus	31-2	20290	19963	20324	20192	0.99	cps
Potassium	39-2	3825414	3756296	3781009	3787573	0.92	cps
Rhodium	103-1	6319077	6313217	6346676	6326323	0.28	cps
Rhodium	103-2	3628569	3605936	3635763	3623423	0.43	cps
Scandium	45-1	3685290	3682248	3689143	3685561	0.09	cps
Scandium	45-2	337398	332144	333406	334316	0.82	cps
Selenium	82-1	4713	4804	4824	4780	1.24	cps
Selenium	77-2	593	580	683	619	9.08	cps
Selenium	78-2	1877	1737	1553	1722	9.42	cps
Silicon	28-1	15295830	15499663	15661314	15485602	1.18	cps
Silver	107-1	268847	271363	274388	271533	1.02	cps
Silver	109-1	255562	259806	260467	258611	1.03	cps
Sodium	23-2	105753	105501	106190	105815	0.33	cps
Strontium	86-1	240733	243813	246108	243551	1.11	cps
Strontium	88-1	2240435	2226613	2229138	2232062	0.33	cps
Sulfur	34-1	128821	128081	130031	128978	0.76	cps
Terbium	159-1	10314131	10333171	10232320	10293207	0.52	cps
Terbium	159-2	5925683	5851458	5889951	5889030	0.63	cps
Thallium	203-1	257563	267044	266288	263632	2.00	cps
Thallium	205-1	622752	631044	638395	630730	1.24	cps
Tin	118-1	25556	25984	25730	25756	0.83	cps
Titanium	47-1	1228848	1246345	1247856	1241016	0.85	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:47:50	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42752	42598	43327	42892	0.90	cps
Vanadium	51-2	1324148	1328928	1330754	1327943	0.26	cps
Yttrium	89-1	11936031	12021339	11951208	11969526	0.38	cps
Yttrium	89-2	2888193	2875689	2858637	2874173	0.52	cps
Zinc	66-2	316876	319382	320995	319084	0.65	cps
Zirconium	90-1	257917	264841	265136	262632	1.56	cps
Zirconium	91-1	58770	59169	59460	59133	0.59	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:50:55	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8306353	8391561	8386332	8361416	0.57	cps
Antimony	121-1	2581772	2623742	2657186	2620900	1.44	cps
Arsenic	75-2	83097	83701	84327	83708	0.73	cps
Barium	135-1	14542981	14762810	15130573	14812121	2.00	cps
Barium	137-1	25366158	25640672	25603675	25536835	0.58	cps
Beryllium	9-1	162562	166902	166431	165298	1.44	cps
Bismuth	209-1	6489618	6475633	6505540	6490264	0.23	cps
Bismuth	209-2	4277948	4222859	4162442	4221083	1.37	cps
Bromine	81-1	10564	10404	10380	10449	0.96	cps
Bromine	81-2	683	627	587	632	7.68	cps
Cadmium	108-1	20051	19964	20454	20156	1.30	cps
Cadmium	106-1	29356	30185	29864	29802	1.40	cps
Cadmium	111-1	299758	307825	306527	304703	1.42	cps
Calcium	43-1	205393	208353	209153	207633	0.95	cps
Calcium	44-1	3136666	3178824	3139962	3151817	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2156971	2138641	2168822	2154811	0.71	cps
Cobalt	59-2	7322443	7349003	7395853	7355766	0.51	cps
Copper	63-2	3150869	3183034	3133306	3155736	0.80	cps
Dysprosium	156-1	75461	77278	77231	76656	1.35	cps
Dysprosium	156-2	55800	56389	55931	56040	0.55	cps
Erbium	164-1	59158	60118	60831	60036	1.40	cps
Erbium	164-2	35859	34436	35926	35407	2.38	cps
Gadolinium	160-1	69652	72674	71786	71371	2.18	cps
Gadolinium	160-2	45069	45387	46116	45524	1.18	cps
Holmium	165-1	9989793	10062995	9962610	10005133	0.52	cps
Holmium	165-2	5878800	5829599	5811184	5839861	0.60	cps
Indium	115-1	6967510	6913863	6936809	6939394	0.39	cps
Indium	115-2	2152474	2128815	2129917	2137069	0.62	cps
Iron	56-2	262127049	262788103	261037916	261984356	0.34	cps
Iron	57-2	6486374	6481636	6525506	6497839	0.37	cps
Iron	54-2	14224231	14215514	14269003	14236249	0.20	cps
Krypton	83-1	237	330	227	264	21.55	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:50:55	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	802548	831334	818812	817565	1.77	cps
Lead	207-1	703385	721041	722938	715788	1.51	cps
Lead	208-1	3495215	3578272	3571523	3548337	1.30	cps
Lithium	6-1	1054161	1050793	1032275	1045743	1.13	cps
Magnesium	24-2	5421203	5401826	5389529	5404186	0.30	cps
Manganese	55-2	8765228	8731907	8729771	8742302	0.23	cps
Molybdenum	94-1	95733	98582	97998	97438	1.54	cps
Molybdenum	95-1	6268	6468	6321	6353	1.63	cps
Molybdenum	96-1	25733	26077	26127	25979	0.83	cps
Molybdenum	97-1	3584	3570	3814	3656	3.74	cps
Molybdenum	98-1	9650	9997	9783	9810	1.78	cps
Neodymium	150-1	141538	146148	145915	144534	1.80	cps
Neodymium	150-2	73035	73044	73370	73150	0.26	cps
Nickel	60-2	1971085	1943912	1945907	1953634	0.78	cps
Phosphorus	31-2	19823	19366	19606	19598	1.17	cps
Potassium	39-2	3695546	3640046	3656607	3664066	0.78	cps
Rhodium	103-1	6223755	6187156	6227317	6212743	0.36	cps
Rhodium	103-2	3634885	3538528	3560056	3577823	1.41	cps
Scandium	45-1	3574901	3572855	3509694	3552484	1.04	cps
Scandium	45-2	326914	323273	326095	325427	0.59	cps
Selenium	82-1	38781	39070	39445	39099	0.85	cps
Selenium	77-2	3624	3670	3737	3677	1.55	cps
Selenium	78-2	12325	11755	12122	12067	2.40	cps
Silicon	28-1	14794427	14904683	15045148	14914753	0.84	cps
Silver	107-1	1248200	1240771	1237727	1242233	0.43	cps
Silver	109-1	1188596	1174871	1180961	1181476	0.58	cps
Sodium	23-2	102978	102723	102897	102866	0.13	cps
Strontium	86-1	228472	233916	233580	231989	1.31	cps
Strontium	88-1	2065854	2143098	2116646	2108533	1.86	cps
Sulfur	34-1	123259	121078	122153	122163	0.89	cps
Terbium	159-1	10165304	10133552	10115677	10138178	0.25	cps
Terbium	159-2	5823161	5764182	5771111	5786151	0.56	cps
Thallium	203-1	1215531	1233036	1240453	1229673	1.04	cps
Thallium	205-1	3410342	3473061	3478698	3454034	1.10	cps
Tin	118-1	24043	24681	24678	24467	1.50	cps
Titanium	47-1	1168762	1185554	1193899	1182738	1.08	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:50:55	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40612	41755	41515	41294	1.46	cps
Vanadium	51-2	4435058	4406823	4367996	4403292	0.76	cps
Yttrium	89-1	11635080	11574941	11521439	11577153	0.49	cps
Yttrium	89-2	2815844	2752136	2842824	2803602	1.66	cps
Zinc	66-2	926428	925734	926740	926300	0.06	cps
Zirconium	90-1	249465	254543	257348	253785	1.57	cps
Zirconium	91-1	56917	57850	58141	57636	1.11	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:53:50	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9662870	9619701	9753865	9678812	0.71	cps
Antimony	121-1	27780	28589	29393	28587	2.82	cps
Arsenic	75-2	79176	78060	78110	78449	0.80	cps
Barium	135-1	1803145	1838329	1864688	1835387	1.68	cps
Barium	137-1	3132029	3166594	3222827	3173817	1.44	cps
Beryllium	9-1	2467	2178	2211	2285	6.92	cps
Bismuth	209-1	6313799	6346890	6415965	6358884	0.82	cps
Bismuth	209-2	4227250	4142629	4218967	4196282	1.11	cps
Bromine	81-1	9893	9933	10320	10049	2.35	cps
Bromine	81-2	680	640	513	611	14.24	cps
Cadmium	108-1	730	790	850	790	7.59	cps
Cadmium	106-1	4111	3881	3747	3913	4.70	cps
Cadmium	111-1	7561	7541	7576	7559	0.23	cps
Calcium	43-1	264580	275383	279059	273007	2.76	cps
Calcium	44-1	4075431	4190060	4223479	4162990	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	412684	410893	413456	412344	0.32	cps
Cobalt	59-2	314644	313974	314828	314482	0.14	cps
Copper	63-2	1436575	1428699	1441614	1435629	0.45	cps
Dysprosium	156-1	98207	100385	101161	99918	1.53	cps
Dysprosium	156-2	74486	74911	75166	74855	0.46	cps
Erbium	164-1	70627	73183	73415	72408	2.14	cps
Erbium	164-2	43879	42909	43166	43318	1.16	cps
Gadolinium	160-1	87655	88836	88698	88396	0.73	cps
Gadolinium	160-2	56517	56533	57015	56688	0.50	cps
Holmium	165-1	9956872	9891104	9872899	9906958	0.45	cps
Holmium	165-2	5856878	5862635	5779978	5833163	0.79	cps
Indium	115-1	6845420	6912345	6982675	6913480	0.99	cps
Indium	115-2	2154972	2126078	2105338	2128796	1.17	cps
Iron	56-2	364348821	363907488	364560461	364272257	0.09	cps
Iron	57-2	9043457	9091390	8999233	9044693	0.51	cps
Iron	54-2	19810429	19741301	19924876	19825536	0.47	cps
Krypton	83-1	217	233	257	236	8.53	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:53:50	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	725801	747259	749413	740824	1.76	cps
Lead	207-1	639750	650236	663219	651069	1.81	cps
Lead	208-1	2899270	2956826	3241364	3032487	6.04	cps
Lithium	6-1	1045585	1054140	1037272	1045665	0.81	cps
Magnesium	24-2	8095622	8117692	8117783	8110365	0.16	cps
Manganese	55-2	6824351	6768061	6740791	6777734	0.63	cps
Molybdenum	94-1	179043	183464	186521	183009	2.05	cps
Molybdenum	95-1	7162	7379	7165	7235	1.72	cps
Molybdenum	96-1	42818	42936	43792	43182	1.23	cps
Molybdenum	97-1	4231	4471	4501	4401	3.36	cps
Molybdenum	98-1	11014	11094	11708	11272	3.37	cps
Neodymium	150-1	194545	199957	201285	198596	1.80	cps
Neodymium	150-2	102009	99618	101166	100931	1.20	cps
Nickel	60-2	191698	190888	192368	191651	0.39	cps
Phosphorus	31-2	27254	27405	26780	27146	1.20	cps
Potassium	39-2	3079961	3086899	3077316	3081392	0.16	cps
Rhodium	103-1	6101695	6097694	6137522	6112304	0.36	cps
Rhodium	103-2	3594198	3575127	3520773	3563366	1.07	cps
Scandium	45-1	3576135	3597646	3606040	3593274	0.43	cps
Scandium	45-2	335156	333013	333443	333871	0.34	cps
Selenium	82-1	520	527	500	516	2.73	cps
Selenium	77-2	300	310	280	297	5.15	cps
Selenium	78-2	417	467	440	441	5.67	cps
Silicon	28-1	24593315	25154056	25432096	25059823	1.70	cps
Silver	107-1	8776	7982	8196	8318	4.94	cps
Silver	109-1	8216	7879	7719	7938	3.20	cps
Sodium	23-2	91623	91922	91899	91815	0.18	cps
Strontium	86-1	434760	442070	447921	441584	1.49	cps
Strontium	88-1	3955813	4025648	4059735	4013732	1.32	cps
Sulfur	34-1	120131	119325	121851	120436	1.07	cps
Terbium	159-1	9931606	10097013	10011971	10013530	0.83	cps
Terbium	159-2	5707551	5754550	5750700	5737600	0.45	cps
Thallium	203-1	5638	5868	5905	5804	2.49	cps
Thallium	205-1	13727	14218	14504	14150	2.78	cps
Tin	118-1	22204	22661	23299	22721	2.42	cps
Titanium	47-1	1463765	1514922	1531078	1503255	2.34	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:53:50	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51586	54129	53965	53227	2.67	cps
Vanadium	51-2	693091	695750	697252	695364	0.30	cps
Yttrium	89-1	11578414	11609860	11682894	11623722	0.46	cps
Yttrium	89-2	2887443	2887508	2873472	2882808	0.28	cps
Zinc	66-2	225135	221792	223081	223336	0.76	cps
Zirconium	90-1	474094	481487	497552	484378	2.48	cps
Zirconium	91-1	106342	109659	110864	108955	2.15	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:56:55	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9327744	9273272	9292405	9297807	0.30	cps
Antimony	121-1	26047	27373	27223	26881	2.70	cps
Arsenic	75-2	74626	76733	74988	75449	1.49	cps
Barium	135-1	1777488	1797024	1787409	1787307	0.55	cps
Barium	137-1	3089301	3125175	3111706	3108727	0.58	cps
Beryllium	9-1	2261	2339	2239	2280	2.30	cps
Bismuth	209-1	6385205	6489182	6485914	6453433	0.92	cps
Bismuth	209-2	4466963	4326981	4230330	4341425	2.74	cps
Bromine	81-1	10167	10407	10594	10389	2.06	cps
Bromine	81-2	657	547	560	588	10.21	cps
Cadmium	108-1	793	780	717	763	5.37	cps
Cadmium	106-1	4044	3754	3831	3876	3.88	cps
Cadmium	111-1	7483	7503	7557	7514	0.51	cps
Calcium	43-1	263950	270039	273564	269184	1.81	cps
Calcium	44-1	3991803	4086656	4112443	4063634	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	393357	395879	398870	396035	0.70	cps
Cobalt	59-2	307123	310173	306435	307910	0.65	cps
Copper	63-2	1382986	1398150	1391373	1390836	0.55	cps
Dysprosium	156-1	95294	99059	98861	97738	2.17	cps
Dysprosium	156-2	72107	73099	72650	72618	0.68	cps
Erbium	164-1	69629	71220	72443	71097	1.98	cps
Erbium	164-2	42427	41913	41910	42083	0.71	cps
Gadolinium	160-1	86106	87353	89329	87596	1.86	cps
Gadolinium	160-2	55302	54887	55031	55073	0.38	cps
Holmium	165-1	10078074	10117172	10033219	10076155	0.42	cps
Holmium	165-2	6102447	5916240	5848433	5955707	2.21	cps
Indium	115-1	6982435	7075682	7158745	7072287	1.25	cps
Indium	115-2	2306053	2156787	2155568	2206136	3.92	cps
Iron	56-2	347986781	353744901	353509275	351746986	0.93	cps
Iron	57-2	8629270	8674444	8743953	8682555	0.67	cps
Iron	54-2	18981321	19287238	19080647	19116402	0.82	cps
Krypton	83-1	253	187	230	223	15.15	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:56:55	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	710300	720651	738824	723259	2.00	cps
Lead	207-1	621636	636792	642602	633676	1.71	cps
Lead	208-1	2821249	2880845	2926122	2876072	1.83	cps
Lithium	6-1	1036108	1026096	1063260	1041821	1.85	cps
Magnesium	24-2	7756372	7780785	7771754	7769637	0.16	cps
Manganese	55-2	6622221	6738036	6608246	6656167	1.07	cps
Molybdenum	94-1	175916	180774	182502	179730	1.90	cps
Molybdenum	95-1	6828	6932	6802	6854	1.00	cps
Molybdenum	96-1	41616	43050	43408	42691	2.22	cps
Molybdenum	97-1	4077	4194	4314	4195	2.82	cps
Molybdenum	98-1	10414	10751	11134	10766	3.35	cps
Neodymium	150-1	189725	196172	195902	193933	1.88	cps
Neodymium	150-2	97850	97423	98971	98081	0.81	cps
Nickel	60-2	185644	186794	186377	186272	0.31	cps
Phosphorus	31-2	26707	26229	26089	26342	1.23	cps
Potassium	39-2	2984079	3012422	3034409	3010303	0.84	cps
Rhodium	103-1	6244020	6268022	6223580	6245207	0.36	cps
Rhodium	103-2	3800229	3608480	3578794	3662501	3.28	cps
Scandium	45-1	3658257	3715756	3666006	3680006	0.85	cps
Scandium	45-2	352884	337122	335694	341900	2.79	cps
Selenium	82-1	475	558	560	531	9.12	cps
Selenium	77-2	280	323	293	299	7.42	cps
Selenium	78-2	460	403	373	412	10.68	cps
Silicon	28-1	24719980	25266860	25639554	25208798	1.83	cps
Silver	107-1	7632	7929	7515	7692	2.77	cps
Silver	109-1	7269	7405	7025	7233	2.66	cps
Sodium	23-2	90065	90849	90886	90600	0.51	cps
Strontium	86-1	425907	433901	435587	431798	1.20	cps
Strontium	88-1	3879823	3887371	3964503	3910566	1.20	cps
Sulfur	34-1	122556	122372	121485	122137	0.47	cps
Terbium	159-1	10026580	10110757	10146114	10094484	0.61	cps
Terbium	159-2	6203076	5855100	5819123	5959100	3.56	cps
Thallium	203-1	5348	5595	5705	5549	3.29	cps
Thallium	205-1	12506	13216	12829	12851	2.77	cps
Tin	118-1	21777	22678	23262	22572	3.32	cps
Titanium	47-1	1453826	1497631	1518857	1490105	2.23	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 19:56:55	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51392	51014	52684	51696	1.69	cps
Vanadium	51-2	669901	675810	676391	674034	0.53	cps
Yttrium	89-1	11716541	11908024	11827313	11817292	0.81	cps
Yttrium	89-2	3040274	2887850	2877727	2935284	3.10	cps
Zinc	66-2	214897	217281	215090	215756	0.61	cps
Zirconium	90-1	463219	480542	482466	475409	2.23	cps
Zirconium	91-1	104180	108895	108786	107287	2.51	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:59:58	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1859524	1859551	1875648	1864908	0.50	cps
Antimony	121-1	5361	5561	5681	5534	2.92	cps
Arsenic	75-2	15215	15515	15615	15448	1.35	cps
Barium	135-1	324954	330220	330935	328703	0.99	cps
Barium	137-1	564728	574560	575364	571551	1.04	cps
Beryllium	9-1	467	422	406	431	7.32	cps
Bismuth	209-1	6618153	6670183	6620630	6636322	0.44	cps
Bismuth	209-2	4304692	4396951	4377013	4359552	1.11	cps
Bromine	81-1	8866	8849	8763	8826	0.63	cps
Bromine	81-2	170	187	130	162	17.95	cps
Cadmium	108-1	130	177	187	164	18.39	cps
Cadmium	106-1	2524	2707	2487	2572	4.58	cps
Cadmium	111-1	2789	2815	2680	2761	2.58	cps
Calcium	43-1	53484	54387	54069	53980	0.85	cps
Calcium	44-1	869082	883267	889073	880474	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80869	80711	79819	80466	0.70	cps
Cobalt	59-2	62285	61565	61813	61888	0.59	cps
Copper	63-2	281780	284060	281449	282430	0.50	cps
Dysprosium	156-1	19884	19651	20245	19926	1.50	cps
Dysprosium	156-2	14744	14571	14965	14760	1.34	cps
Erbium	164-1	13767	14544	13810	14040	3.11	cps
Erbium	164-2	8129	8409	8466	8335	2.16	cps
Gadolinium	160-1	16867	17267	17167	17101	1.22	cps
Gadolinium	160-2	11098	11111	11014	11074	0.47	cps
Holmium	165-1	10102227	10086405	9814967	10001199	1.61	cps
Holmium	165-2	5961343	5964698	5997639	5974560	0.34	cps
Indium	115-1	7129775	7157678	7169241	7152231	0.28	cps
Indium	115-2	2196713	2222518	2198430	2205887	0.65	cps
Iron	56-2	70791496	70577786	70742009	70703763	0.16	cps
Iron	57-2	1746077	1767106	1756365	1756516	0.60	cps
Iron	54-2	3853285	3840309	3819680	3837758	0.44	cps
Krypton	83-1	180	180	170	177	3.27	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:59:58	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	146136	147735	148379	147417	0.78	cps
Lead	207-1	126720	128043	130473	128412	1.48	cps
Lead	208-1	578302	586951	588425	584559	0.94	cps
Lithium	6-1	1013990	1005874	1047439	1022434	2.15	cps
Magnesium	24-2	1543046	1551249	1577589	1557295	1.16	cps
Manganese	55-2	1316614	1314204	1317449	1316089	0.13	cps
Molybdenum	94-1	35837	36007	36395	36080	0.79	cps
Molybdenum	95-1	1540	1527	1493	1520	1.58	cps
Molybdenum	96-1	8449	8563	9103	8705	4.01	cps
Molybdenum	97-1	1050	897	967	971	7.91	cps
Molybdenum	98-1	2437	2394	2434	2421	1.00	cps
Neodymium	150-1	38623	39020	38857	38833	0.51	cps
Neodymium	150-2	20078	19403	19720	19734	1.71	cps
Nickel	60-2	37824	38199	37838	37953	0.56	cps
Phosphorus	31-2	5491	5571	5338	5467	2.17	cps
Potassium	39-2	659865	658211	656541	658206	0.25	cps
Rhodium	103-1	6373467	6452244	6400100	6408604	0.63	cps
Rhodium	103-2	3711855	3695468	3728821	3712048	0.45	cps
Scandium	45-1	3453904	3431454	3424671	3436676	0.45	cps
Scandium	45-2	314493	314251	314563	314436	0.05	cps
Selenium	82-1	337	341	353	344	2.46	cps
Selenium	77-2	57	73	60	63	13.92	cps
Selenium	78-2	243	263	200	236	13.75	cps
Silicon	28-1	4957784	5076919	5093117	5042607	1.47	cps
Silver	107-1	1657	1603	1640	1633	1.67	cps
Silver	109-1	1373	1410	1513	1432	5.07	cps
Sodium	23-2	30033	29792	30360	30062	0.95	cps
Strontium	86-1	86351	87763	87984	87366	1.01	cps
Strontium	88-1	760309	766471	777334	768038	1.12	cps
Sulfur	34-1	114361	112745	115600	114235	1.25	cps
Terbium	159-1	10204192	10250683	10037470	10164115	1.10	cps
Terbium	159-2	5904183	5790752	5889988	5861641	1.05	cps
Thallium	203-1	1137	1180	1220	1179	3.54	cps
Thallium	205-1	2860	2947	3034	2947	2.94	cps
Tin	118-1	5731	5845	6415	5997	6.11	cps
Titanium	47-1	294485	299959	300353	298266	1.10	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 19:59:58	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10488	10267	10217	10324	1.39	cps
Vanadium	51-2	134253	132559	133689	133501	0.65	cps
Yttrium	89-1	11282777	11313784	11292705	11296422	0.14	cps
Yttrium	89-2	2753000	2718049	2748419	2739823	0.69	cps
Zinc	66-2	44369	44232	43868	44156	0.59	cps
Zirconium	90-1	92589	96551	95937	95026	2.24	cps
Zirconium	91-1	20788	20958	21442	21063	1.61	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:03:10	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9979189	9839890	9863572	9894217	0.75	cps
Antimony	121-1	554239	561147	565588	560325	1.02	cps
Arsenic	75-2	91728	89843	89357	90309	1.39	cps
Barium	135-1	4805332	4858617	4894859	4852936	0.93	cps
Barium	137-1	8350173	8345309	8404748	8366743	0.39	cps
Beryllium	9-1	37011	36732	37234	36992	0.68	cps
Bismuth	209-1	6526934	6600546	6574636	6567372	0.57	cps
Bismuth	209-2	4235034	4288250	4271913	4265066	0.64	cps
Bromine	81-1	10080	10897	11334	10771	5.91	cps
Bromine	81-2	550	603	613	589	5.78	cps
Cadmium	108-1	4984	5011	5231	5075	2.67	cps
Cadmium	106-1	10187	9890	10014	10030	1.49	cps
Cadmium	111-1	73754	72787	72268	72936	1.03	cps
Calcium	43-1	278298	285079	283658	282345	1.27	cps
Calcium	44-1	4219332	4334487	4295004	4282941	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	824829	820532	814427	819929	0.64	cps
Cobalt	59-2	1904524	1872891	1878980	1885465	0.89	cps
Copper	63-2	2080741	2096612	2051608	2076320	1.10	cps
Dysprosium	156-1	100436	103394	105009	102946	2.25	cps
Dysprosium	156-2	75890	76694	78229	76938	1.54	cps
Erbium	164-1	73515	74152	75841	74503	1.61	cps
Erbium	164-2	44477	43949	43986	44137	0.67	cps
Gadolinium	160-1	89040	92855	92949	91615	2.43	cps
Gadolinium	160-2	57712	57039	58863	57871	1.59	cps
Holmium	165-1	10028320	10146834	10125865	10100340	0.63	cps
Holmium	165-2	5989137	6003873	5975793	5989601	0.23	cps
Indium	115-1	7114005	7231412	7193153	7179524	0.83	cps
Indium	115-2	2205307	2200687	2168029	2191341	0.93	cps
Iron	56-2	375271581	371693461	372399528	373121523	0.51	cps
Iron	57-2	9329543	9213035	9109991	9217523	1.19	cps
Iron	54-2	20369127	20366053	20253325	20329502	0.32	cps
Krypton	83-1	247	250	200	232	12.04	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:03:10	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	837609	852650	852704	847654	1.03	cps
Lead	207-1	727906	748337	751246	742496	1.71	cps
Lead	208-1	3610062	3711801	3699230	3673698	1.51	cps
Lithium	6-1	1028100	1060034	1030650	1039595	1.71	cps
Magnesium	24-2	8132292	8043114	8087254	8087553	0.55	cps
Manganese	55-2	7678062	7602488	7660914	7647155	0.52	cps
Molybdenum	94-1	185783	191626	190423	189277	1.63	cps
Molybdenum	95-1	7439	7595	7632	7555	1.36	cps
Molybdenum	96-1	43896	44748	44417	44354	0.97	cps
Molybdenum	97-1	4704	4741	4757	4734	0.58	cps
Molybdenum	98-1	11581	11354	11358	11431	1.14	cps
Neodymium	150-1	203161	205749	206418	205109	0.84	cps
Neodymium	150-2	103792	102676	102727	103065	0.61	cps
Nickel	60-2	572473	572750	569682	571635	0.30	cps
Phosphorus	31-2	27438	27729	27789	27652	0.68	cps
Potassium	39-2	3139146	3118698	3165073	3140972	0.74	cps
Rhodium	103-1	6326113	6344500	6413136	6361250	0.72	cps
Rhodium	103-2	3674274	3640184	3628938	3647798	0.65	cps
Scandium	45-1	3668837	3757616	3727710	3718054	1.21	cps
Scandium	45-2	343107	340169	339858	341045	0.53	cps
Selenium	82-1	8142	8382	8197	8241	1.53	cps
Selenium	77-2	1020	933	1030	994	5.35	cps
Selenium	78-2	2900	2714	2820	2811	3.33	cps
Silicon	28-1	23270234	23747133	23659635	23559000	1.08	cps
Silver	107-1	276040	283735	282973	280916	1.51	cps
Silver	109-1	265334	266466	270183	267328	0.95	cps
Sodium	23-2	91436	92170	91422	91676	0.47	cps
Strontium	86-1	450768	456070	458424	455087	0.86	cps
Strontium	88-1	4127858	4192173	4159227	4159753	0.77	cps
Sulfur	34-1	126038	125241	125524	125601	0.32	cps
Terbium	159-1	10317154	10246440	10313718	10292437	0.39	cps
Terbium	159-2	5927711	5902512	5922566	5917597	0.22	cps
Thallium	203-1	268131	273857	273850	271946	1.21	cps
Thallium	205-1	638984	649288	652485	646919	1.09	cps
Tin	118-1	23726	24354	24651	24244	1.95	cps
Titanium	47-1	1507365	1557568	1535683	1533539	1.64	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:03:10	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53748	55465	54970	54727	1.61	cps
Vanadium	51-2	1583929	1554569	1561817	1566772	0.98	cps
Yttrium	89-1	12117586	12098839	12126438	12114288	0.12	cps
Yttrium	89-2	2931067	2907136	2896507	2911570	0.61	cps
Zinc	66-2	398856	392262	395239	395452	0.84	cps
Zirconium	90-1	493407	500218	501513	498379	0.87	cps
Zirconium	91-1	110928	113454	113760	112714	1.38	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:06:09	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10061850	10029902	10135959	10075904	0.54	cps
Antimony	121-1	2659828	2684237	2688226	2677430	0.57	cps
Arsenic	75-2	121717	120558	121535	121270	0.51	cps
Barium	135-1	15586739	15838406	15780846	15735331	0.84	cps
Barium	137-1	26851452	27588046	27554310	27331270	1.52	cps
Beryllium	9-1	162607	165340	168035	165328	1.64	cps
Bismuth	209-1	6511575	6552158	6629413	6564382	0.91	cps
Bismuth	209-2	3653651	4445651	4295014	4131439	10.18	cps
Bromine	81-1	10104	10334	10754	10397	3.17	cps
Bromine	81-2	480	550	547	526	7.51	cps
Cadmium	108-1	20618	20575	20828	20674	0.66	cps
Cadmium	106-1	30983	30933	31601	31172	1.19	cps
Cadmium	111-1	311559	314855	317729	314714	0.98	cps
Calcium	43-1	265617	267485	270762	267955	0.97	cps
Calcium	44-1	4005487	4027613	4122939	4052013	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2282736	2242292	2279542	2268190	0.99	cps
Cobalt	59-2	7586776	7406006	7368108	7453630	1.57	cps
Copper	63-2	3950125	3892696	3930035	3924285	0.74	cps
Dysprosium	156-1	98485	99606	100077	99389	0.82	cps
Dysprosium	156-2	74553	73511	74409	74158	0.76	cps
Erbium	164-1	71147	73415	73281	72614	1.75	cps
Erbium	164-2	43166	41552	41672	42130	2.14	cps
Gadolinium	160-1	87340	87424	89540	88101	1.42	cps
Gadolinium	160-2	55938	55456	55238	55544	0.64	cps
Holmium	165-1	9900140	10321223	10185170	10135511	2.12	cps
Holmium	165-2	5028896	6162706	5874568	5688723	10.36	cps
Indium	115-1	7001084	7025160	7038881	7021708	0.27	cps
Indium	115-2	1793922	2220368	2166143	2060144	11.27	cps
Iron	56-2	361241261	360544008	359801741	360529004	0.20	cps
Iron	57-2	8898059	8882097	9014337	8931498	0.81	cps
Iron	54-2	19687538	19591453	19676509	19651834	0.27	cps
Krypton	83-1	287	213	290	263	16.46	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:06:09	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1132558	1154358	1160944	1149287	1.29	cps
Lead	207-1	991117	1009069	1018569	1006252	1.39	cps
Lead	208-1	4900888	5042015	5041685	4994863	1.63	cps
Lithium	6-1	1009632	1023422	1031803	1021619	1.10	cps
Magnesium	24-2	7731439	7672816	7744960	7716405	0.50	cps
Manganese	55-2	9950565	10040951	9978563	9990027	0.46	cps
Molybdenum	94-1	178321	180180	183021	180507	1.31	cps
Molybdenum	95-1	7452	7452	7472	7459	0.15	cps
Molybdenum	96-1	42809	43297	43100	43069	0.57	cps
Molybdenum	97-1	4674	4664	4574	4637	1.19	cps
Molybdenum	98-1	11525	11898	11261	11561	2.77	cps
Neodymium	150-1	196879	198460	202312	199217	1.40	cps
Neodymium	150-2	98407	99716	98236	98786	0.82	cps
Nickel	60-2	2043442	1998887	2022674	2021668	1.10	cps
Phosphorus	31-2	26249	25905	25899	26018	0.77	cps
Potassium	39-2	2989113	2910344	2957247	2952235	1.34	cps
Rhodium	103-1	6190367	6296146	6209983	6232165	0.90	cps
Rhodium	103-2	3057865	3734471	3616849	3469728	10.42	cps
Scandium	45-1	3648573	3710347	3681155	3680025	0.84	cps
Scandium	45-2	283518	342721	334856	320365	10.04	cps
Selenium	82-1	39949	40530	40273	40251	0.72	cps
Selenium	77-2	3804	3964	3984	3917	2.52	cps
Selenium	78-2	12375	12495	12686	12519	1.25	cps
Silicon	28-1	22025504	22428557	22512148	22322070	1.17	cps
Silver	107-1	1269089	1287111	1298730	1284977	1.16	cps
Silver	109-1	1200411	1213490	1234985	1216295	1.44	cps
Sodium	23-2	87094	89994	88921	88670	1.65	cps
Strontium	86-1	425589	434164	436960	432238	1.37	cps
Strontium	88-1	3900322	3961349	3979600	3947090	1.05	cps
Sulfur	34-1	120836	124069	121966	122290	1.34	cps
Terbium	159-1	10110663	10400242	10304817	10271908	1.44	cps
Terbium	159-2	4964658	6098788	5878065	5647170	10.65	cps
Thallium	203-1	1246357	1267987	1278914	1264419	1.31	cps
Thallium	205-1	3538273	3553339	3553675	3548429	0.25	cps
Tin	118-1	22601	23155	23025	22927	1.26	cps
Titanium	47-1	1445929	1476778	1459116	1460608	1.06	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:06:09	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52553	53447	53711	53237	1.14	cps
Vanadium	51-2	4683995	4656288	4685079	4675121	0.35	cps
Yttrium	89-1	11823564	11973020	12091063	11962549	1.12	cps
Yttrium	89-2	2489315	2949570	2876276	2771720	8.92	cps
Zinc	66-2	998679	995183	998907	997590	0.21	cps
Zirconium	90-1	466471	479038	479987	475165	1.59	cps
Zirconium	91-1	104834	108494	107698	107008	1.80	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:09:06	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10027410	9931703	9963065	9974059	0.49	cps
Antimony	121-1	21042	22568	21653	21754	3.53	cps
Arsenic	75-2	124493	122090	124113	123565	1.05	cps
Barium	135-1	1399028	1429363	1437974	1422122	1.44	cps
Barium	137-1	2634001	2720654	2692943	2682533	1.65	cps
Beryllium	9-1	3206	3061	3334	3200	4.26	cps
Bismuth	209-1	6740507	6708936	6721090	6723511	0.24	cps
Bismuth	209-2	4363048	4347856	4340800	4350568	0.26	cps
Bromine	81-1	11585	11912	12098	11865	2.19	cps
Bromine	81-2	843	843	883	857	2.70	cps
Cadmium	108-1	1057	1023	1087	1056	3.00	cps
Cadmium	106-1	4354	4147	4107	4203	3.15	cps
Cadmium	111-1	13426	13241	13929	13532	2.63	cps
Calcium	43-1	268978	276842	277262	274361	1.70	cps
Calcium	44-1	4088507	4235852	4212294	4178884	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	354390	351196	352453	352680	0.46	cps
Cobalt	59-2	263702	260652	263674	262676	0.67	cps
Copper	63-2	1946088	1928497	1926477	1933687	0.56	cps
Dysprosium	156-1	82567	86135	84787	84496	2.13	cps
Dysprosium	156-2	61812	61440	61842	61698	0.36	cps
Erbium	164-1	66069	67760	68976	67601	2.16	cps
Erbium	164-2	39760	39462	39696	39639	0.40	cps
Gadolinium	160-1	75073	77922	78592	77195	2.42	cps
Gadolinium	160-2	48082	48273	47895	48083	0.39	cps
Holmium	165-1	10086081	10143918	10198076	10142692	0.55	cps
Holmium	165-2	5966223	5947847	5960523	5958198	0.16	cps
Indium	115-1	6974970	7144207	7104986	7074721	1.25	cps
Indium	115-2	2165344	2157521	2123656	2148840	1.03	cps
Iron	56-2	346813035	345382008	347591035	346595359	0.32	cps
Iron	57-2	8682003	8509680	8604965	8598883	1.00	cps
Iron	54-2	18849348	18842502	18831731	18841194	0.05	cps
Krypton	83-1	240	273	273	262	7.34	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:09:06	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1219961	1246288	1244448	1236899	1.19	cps
Lead	207-1	1068968	1086399	1093461	1082943	1.16	cps
Lead	208-1	5300058	5372747	5368631	5347145	0.76	cps
Lithium	6-1	1022488	1012759	1025438	1020228	0.65	cps
Magnesium	24-2	5786894	5704066	5723156	5738039	0.76	cps
Manganese	55-2	12504781	12577198	12580866	12554282	0.34	cps
Molybdenum	94-1	124803	128329	128622	127251	1.67	cps
Molybdenum	95-1	7299	7549	7472	7440	1.72	cps
Molybdenum	96-1	33425	33889	34173	33829	1.12	cps
Molybdenum	97-1	4227	4564	4697	4496	5.39	cps
Molybdenum	98-1	11171	11461	11268	11300	1.31	cps
Neodymium	150-1	153654	156181	158924	156253	1.69	cps
Neodymium	150-2	78423	78007	79144	78525	0.73	cps
Nickel	60-2	138825	138543	138957	138775	0.15	cps
Phosphorus	31-2	14524	14130	14303	14319	1.38	cps
Potassium	39-2	2771177	2715785	2757801	2748255	1.05	cps
Rhodium	103-1	6193666	6272566	6317709	6261313	1.00	cps
Rhodium	103-2	3639184	3605462	3660571	3635072	0.76	cps
Scandium	45-1	3614407	3691316	3623460	3643061	1.15	cps
Scandium	45-2	332614	329248	331885	331249	0.53	cps
Selenium	82-1	551	456	577	528	12.06	cps
Selenium	77-2	227	240	257	241	6.23	cps
Selenium	78-2	387	430	370	396	7.83	cps
Silicon	28-1	22865554	23202615	23512009	23193392	1.39	cps
Silver	107-1	14277	14367	14501	14382	0.78	cps
Silver	109-1	13737	13390	13750	13625	1.50	cps
Sodium	23-2	93971	93458	93706	93712	0.27	cps
Strontium	86-1	265579	271239	273341	270053	1.49	cps
Strontium	88-1	2437139	2465791	2515411	2472780	1.60	cps
Sulfur	34-1	121989	121680	121653	121774	0.15	cps
Terbium	159-1	10312084	10396186	10132839	10280370	1.31	cps
Terbium	159-2	5934339	5858762	5851814	5881639	0.78	cps
Thallium	203-1	6098	5965	5688	5917	3.54	cps
Thallium	205-1	14004	13744	14064	13937	1.22	cps
Tin	118-1	27259	27590	27747	27532	0.90	cps
Titanium	47-1	1250668	1257412	1259893	1255991	0.38	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:09:06	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44457	46544	45966	45656	2.36	cps
Vanadium	51-2	674559	672813	675947	674440	0.23	cps
Yttrium	89-1	11748313	11927293	11934857	11870154	0.89	cps
Yttrium	89-2	2861327	2862859	2913624	2879270	1.03	cps
Zinc	66-2	268853	266079	266996	267309	0.53	cps
Zirconium	90-1	327555	336053	337787	333799	1.64	cps
Zirconium	91-1	72571	75252	77242	75022	3.12	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:12:09	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10098578	10114552	10108600	10107243	0.08	cps
Antimony	121-1	20728	21947	21860	21512	3.16	cps
Arsenic	75-2	122776	121441	122917	122378	0.67	cps
Barium	135-1	1439264	1467440	1606289	1504331	5.94	cps
Barium	137-1	2725150	2732483	2772760	2743464	0.93	cps
Beryllium	9-1	3134	3262	3256	3217	2.25	cps
Bismuth	209-1	6580588	6781611	6704627	6688942	1.52	cps
Bismuth	209-2	4375036	4318885	4343672	4345865	0.65	cps
Bromine	81-1	12038	12302	11788	12043	2.13	cps
Bromine	81-2	790	880	790	820	6.34	cps
Cadmium	108-1	1030	1190	1000	1073	9.52	cps
Cadmium	106-1	4294	4081	4221	4198	2.58	cps
Cadmium	111-1	13703	14232	14380	14105	2.52	cps
Calcium	43-1	270892	277446	282983	277107	2.18	cps
Calcium	44-1	4149901	4236744	4263868	4216837	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	360917	357876	359012	359269	0.43	cps
Cobalt	59-2	268101	268854	268152	268369	0.16	cps
Copper	63-2	1975597	1970071	1979990	1975219	0.25	cps
Dysprosium	156-1	84103	87480	85813	85799	1.97	cps
Dysprosium	156-2	62006	62672	62813	62497	0.69	cps
Erbium	164-1	67187	68711	69264	68387	1.57	cps
Erbium	164-2	39462	40137	40783	40127	1.65	cps
Gadolinium	160-1	76055	78662	78187	77635	1.79	cps
Gadolinium	160-2	49065	49905	49748	49573	0.90	cps
Holmium	165-1	10016691	10132594	10047764	10065683	0.60	cps
Holmium	165-2	5930442	5965365	5908920	5934909	0.48	cps
Indium	115-1	7078644	7221961	7106366	7135657	1.07	cps
Indium	115-2	2198890	2168768	2174440	2180699	0.73	cps
Iron	56-2	351169768	347893901	353297661	350787110	0.78	cps
Iron	57-2	8627874	8667528	8716873	8670758	0.51	cps
Iron	54-2	18960296	18890256	19207538	19019363	0.88	cps
Krypton	83-1	240	263	217	240	9.72	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:12:09	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1233976	1267034	1262900	1254637	1.44	cps
Lead	207-1	1078085	1117651	1113159	1102965	1.96	cps
Lead	208-1	5326615	5484717	5459589	5423640	1.57	cps
Lithium	6-1	997323	1021461	1034278	1017687	1.84	cps
Magnesium	24-2	5761584	5786725	5831542	5793283	0.61	cps
Manganese	55-2	12728346	12687797	12748606	12721583	0.24	cps
Molybdenum	94-1	124117	129530	129513	127720	2.44	cps
Molybdenum	95-1	7442	7405	7372	7406	0.47	cps
Molybdenum	96-1	32750	33806	34444	33667	2.54	cps
Molybdenum	97-1	4501	4574	4464	4513	1.24	cps
Molybdenum	98-1	11174	11455	11278	11302	1.25	cps
Neodymium	150-1	153479	158250	159578	157103	2.04	cps
Neodymium	150-2	80364	79362	80079	79935	0.65	cps
Nickel	60-2	139384	139804	140181	139790	0.29	cps
Phosphorus	31-2	14817	14250	14353	14474	2.09	cps
Potassium	39-2	2791517	2799764	2782325	2791202	0.31	cps
Rhodium	103-1	6186525	6397661	6308866	6297684	1.68	cps
Rhodium	103-2	3675046	3663063	3643097	3660402	0.44	cps
Scandium	45-1	3610623	3657724	3677400	3648582	0.94	cps
Scandium	45-2	334628	332336	334146	333703	0.36	cps
Selenium	82-1	546	503	608	553	9.52	cps
Selenium	77-2	297	260	257	271	8.19	cps
Selenium	78-2	403	483	387	424	12.18	cps
Silicon	28-1	22920268	23725000	23770355	23471874	2.04	cps
Silver	107-1	14084	14361	14487	14310	1.44	cps
Silver	109-1	12973	13637	13550	13386	2.70	cps
Sodium	23-2	93354	94202	94062	93873	0.48	cps
Strontium	86-1	266824	273194	274309	271442	1.49	cps
Strontium	88-1	2431553	2497781	2495466	2474933	1.52	cps
Sulfur	34-1	120188	121384	119563	120379	0.77	cps
Terbium	159-1	10251979	10401162	10310000	10321047	0.73	cps
Terbium	159-2	5967856	5901705	5928199	5932587	0.56	cps
Thallium	203-1	5545	5324	5528	5466	2.24	cps
Thallium	205-1	13287	13380	13854	13507	2.25	cps
Tin	118-1	27323	27670	27927	27640	1.10	cps
Titanium	47-1	1255705	1246106	1259187	1253666	0.54	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:12:09	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44026	45972	45721	45240	2.34	cps
Vanadium	51-2	680503	675101	680803	678802	0.47	cps
Yttrium	89-1	11886391	12084575	12091536	12020834	0.97	cps
Yttrium	89-2	2918645	2929225	2888617	2912162	0.72	cps
Zinc	66-2	272860	271384	275091	273112	0.68	cps
Zirconium	90-1	327962	338154	341552	335889	2.11	cps
Zirconium	91-1	73433	76602	76618	75551	2.43	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 20:15:15	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1924645	1949049	1897981	1923892	1.33	cps
Antimony	121-1	4351	4434	4284	4356	1.73	cps
Arsenic	75-2	23292	23432	23906	23543	1.37	cps
Barium	135-1	273935	276252	276739	275642	0.54	cps
Barium	137-1	475489	477875	481501	478288	0.63	cps
Beryllium	9-1	606	650	628	628	3.54	cps
Bismuth	209-1	6603460	6617404	6591327	6604064	0.20	cps
Bismuth	209-2	4100630	4132160	4311518	4181436	2.72	cps
Bromine	81-1	9373	9537	8956	9289	3.22	cps
Bromine	81-2	207	237	183	209	12.80	cps
Cadmium	108-1	213	180	227	207	11.63	cps
Cadmium	106-1	2384	2484	2744	2537	7.33	cps
Cadmium	111-1	3753	3879	4002	3878	3.22	cps
Calcium	43-1	52169	53671	53183	53008	1.45	cps
Calcium	44-1	857039	869107	869489	865211	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68093	67718	67493	67768	0.45	cps
Cobalt	59-2	50986	50719	50401	50702	0.58	cps
Copper	63-2	358611	352456	354070	355046	0.90	cps
Dysprosium	156-1	15899	16420	16937	16419	3.16	cps
Dysprosium	156-2	11902	12305	11979	12062	1.78	cps
Erbium	164-1	13116	13029	12886	13011	0.89	cps
Erbium	164-2	7639	7716	7625	7660	0.63	cps
Gadolinium	160-1	14875	14885	14778	14846	0.40	cps
Gadolinium	160-2	9380	9453	9443	9425	0.42	cps
Holmium	165-1	9915143	9952926	10057334	9975134	0.74	cps
Holmium	165-2	5560277	5543025	5856935	5653412	3.12	cps
Indium	115-1	7131021	7114651	7083722	7109798	0.34	cps
Indium	115-2	2056676	2061606	2167739	2095340	2.99	cps
Iron	56-2	66907311	66032124	65966296	66301910	0.79	cps
Iron	57-2	1657281	1646618	1657972	1653957	0.38	cps
Iron	54-2	3603214	3655334	3600552	3619700	0.85	cps
Krypton	83-1	177	183	127	162	19.09	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 20:15:15	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	235077	239026	241204	238436	1.30	cps
Lead	207-1	208431	210546	212739	210572	1.02	cps
Lead	208-1	938779	956038	960137	951651	1.19	cps
Lithium	6-1	991895	997063	1015865	1001608	1.26	cps
Magnesium	24-2	1124949	1116311	1109843	1117034	0.68	cps
Manganese	55-2	2439299	2427800	2395360	2420819	0.94	cps
Molybdenum	94-1	24534	24865	25135	24844	1.21	cps
Molybdenum	95-1	1593	1563	1527	1561	2.14	cps
Molybdenum	96-1	6668	6748	6748	6722	0.69	cps
Molybdenum	97-1	930	930	927	929	0.21	cps
Molybdenum	98-1	2334	2264	2304	2300	1.53	cps
Neodymium	150-1	29300	30967	30991	30419	3.19	cps
Neodymium	150-2	15238	14768	14634	14880	2.13	cps
Nickel	60-2	26490	26904	26881	26758	0.87	cps
Phosphorus	31-2	2847	2534	2804	2728	6.22	cps
Potassium	39-2	580431	577565	567774	575257	1.15	cps
Rhodium	103-1	6346184	6267758	6431786	6348576	1.29	cps
Rhodium	103-2	3432083	3464330	3670625	3522346	3.67	cps
Scandium	45-1	3323098	3341848	3347959	3337635	0.39	cps
Scandium	45-2	289636	289419	300234	293096	2.11	cps
Selenium	82-1	328	348	355	344	3.99	cps
Selenium	77-2	30	43	13	29	52.03	cps
Selenium	78-2	207	237	267	237	12.68	cps
Silicon	28-1	4530667	4609739	4597700	4579369	0.93	cps
Silver	107-1	2764	2720	2937	2807	4.09	cps
Silver	109-1	2684	2544	2740	2656	3.81	cps
Sodium	23-2	29254	28740	28042	28679	2.12	cps
Strontium	86-1	51867	53306	52333	52502	1.40	cps
Strontium	88-1	458225	463396	460282	460634	0.57	cps
Sulfur	34-1	110480	108683	109119	109427	0.86	cps
Terbium	159-1	10202314	10191555	10295823	10229897	0.56	cps
Terbium	159-2	5479053	5550969	5734627	5588217	2.36	cps
Thallium	203-1	1080	1147	1120	1116	3.01	cps
Thallium	205-1	2724	3160	2930	2938	7.44	cps
Tin	118-1	6628	6892	7242	6921	4.45	cps
Titanium	47-1	244362	245777	247467	245869	0.63	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	5
Date & Time Acquired :	2024-11-03 20:15:15	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8793	8429	8473	8565	2.32	cps
Vanadium	51-2	128407	127520	126454	127460	0.77	cps
Yttrium	89-1	11037334	11156404	11031058	11074932	0.64	cps
Yttrium	89-2	2552208	2518789	2655905	2575634	2.78	cps
Zinc	66-2	52840	51438	51455	51911	1.55	cps
Zirconium	90-1	63503	64263	65040	64269	1.20	cps
Zirconium	91-1	14531	14651	14754	14645	0.76	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:18:25	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10088800	10060365	9919842	10023002	0.90	cps
Antimony	121-1	524901	539017	540560	534826	1.61	cps
Arsenic	75-2	131388	133019	130218	131542	1.07	cps
Barium	135-1	4362211	4399650	4422884	4394915	0.70	cps
Barium	137-1	7578681	7683114	7742719	7668172	1.08	cps
Beryllium	9-1	35674	36978	37400	36684	2.45	cps
Bismuth	209-1	6588038	6563231	6567663	6572978	0.20	cps
Bismuth	209-2	4298365	4284629	4291934	4291642	0.16	cps
Bromine	81-1	11551	11678	11912	11714	1.56	cps
Bromine	81-2	687	697	773	719	6.60	cps
Cadmium	108-1	4958	5378	5098	5144	4.16	cps
Cadmium	106-1	9610	10054	9697	9787	2.40	cps
Cadmium	111-1	75519	76792	77894	76735	1.55	cps
Calcium	43-1	269992	274554	277107	273884	1.32	cps
Calcium	44-1	4117400	4217684	4217603	4184229	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	730950	726168	724463	727194	0.46	cps
Cobalt	59-2	1761445	1741962	1755014	1752807	0.57	cps
Copper	63-2	2447898	2443577	2417301	2436258	0.68	cps
Dysprosium	156-1	82755	84951	84401	84036	1.36	cps
Dysprosium	156-2	61748	62468	61922	62046	0.61	cps
Erbium	164-1	66420	67589	69056	67688	1.95	cps
Erbium	164-2	39399	39442	39161	39334	0.38	cps
Gadolinium	160-1	75602	77774	78076	77151	1.75	cps
Gadolinium	160-2	48882	49360	48805	49015	0.61	cps
Holmium	165-1	9974143	10193558	9985314	10051005	1.23	cps
Holmium	165-2	5882117	5842886	5885835	5870279	0.41	cps
Indium	115-1	7015558	6996038	6990643	7000747	0.19	cps
Indium	115-2	2127417	2133736	2139061	2133405	0.27	cps
Iron	56-2	345290315	345126648	341790715	344069226	0.57	cps
Iron	57-2	8529982	8537986	8571967	8546645	0.26	cps
Iron	54-2	18793136	18840296	18530864	18721432	0.89	cps
Krypton	83-1	213	237	230	227	5.30	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:18:25	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1285660	1315433	1320241	1307111	1.43	cps
Lead	207-1	1124290	1151654	1160067	1145337	1.63	cps
Lead	208-1	5531728	5692850	5727754	5650777	1.85	cps
Lithium	6-1	1009790	1003492	987824	1000369	1.13	cps
Magnesium	24-2	5690559	5637739	5664481	5664260	0.47	cps
Manganese	55-2	13136429	13163002	13042452	13113961	0.48	cps
Molybdenum	94-1	121583	123686	124947	123405	1.38	cps
Molybdenum	95-1	7612	7665	7789	7689	1.18	cps
Molybdenum	96-1	32997	33261	33625	33295	0.95	cps
Molybdenum	97-1	4297	4651	4314	4421	4.51	cps
Molybdenum	98-1	11435	11578	11621	11545	0.85	cps
Neodymium	150-1	153216	158240	157154	156203	1.69	cps
Neodymium	150-2	77977	77796	77645	77806	0.21	cps
Nickel	60-2	497614	501261	495631	498169	0.57	cps
Phosphorus	31-2	13790	13996	13596	13794	1.45	cps
Potassium	39-2	2704137	2702653	2698307	2701699	0.11	cps
Rhodium	103-1	6209491	6249529	6197087	6218702	0.44	cps
Rhodium	103-2	3571197	3572601	3596883	3580227	0.40	cps
Scandium	45-1	3615248	3617336	3589812	3607465	0.42	cps
Scandium	45-2	326374	322941	323859	324391	0.55	cps
Selenium	82-1	6995	7159	7189	7114	1.47	cps
Selenium	77-2	850	807	763	807	5.37	cps
Selenium	78-2	2484	2420	2387	2430	2.02	cps
Silicon	28-1	19748425	20028423	20168997	19981948	1.07	cps
Silver	107-1	273584	279446	281253	278094	1.44	cps
Silver	109-1	259641	266576	264244	263487	1.34	cps
Sodium	23-2	89169	89716	88569	89152	0.64	cps
Strontium	86-1	263146	271646	271493	268762	1.81	cps
Strontium	88-1	2404294	2452354	2492782	2449810	1.81	cps
Sulfur	34-1	118998	122399	121468	120955	1.45	cps
Terbium	159-1	10183800	10242309	10206520	10210876	0.29	cps
Terbium	159-2	5834126	5793869	5853166	5827054	0.52	cps
Thallium	203-1	259108	261187	265560	261951	1.26	cps
Thallium	205-1	619214	627976	640375	629188	1.69	cps
Tin	118-1	27136	27777	27653	27522	1.24	cps
Titanium	47-1	1237530	1263683	1242653	1247955	1.11	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:18:25	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44126	45481	46006	45204	2.15	cps
Vanadium	51-2	1491091	1491238	1475427	1485919	0.61	cps
Yttrium	89-1	11861856	11935786	11901699	11899780	0.31	cps
Yttrium	89-2	2828902	2869005	2822170	2840026	0.89	cps
Zinc	66-2	431196	432435	426589	430073	0.72	cps
Zirconium	90-1	317398	323166	326400	322322	1.41	cps
Zirconium	91-1	70568	73084	73406	72353	2.15	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:25:49	DataFile Name :	106CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9041044	9045661	9079420	9055375	0.23	cps
Antimony	121-1	4839390	4915041	4902800	4885744	0.83	cps
Arsenic	75-2	217279	215272	218615	217055	0.78	cps
Barium	135-1	6297739	6363755	6466898	6376131	1.34	cps
Barium	137-1	10900248	11090320	11064452	11018340	0.94	cps
Beryllium	9-1	604106	613931	618000	612012	1.17	cps
Bismuth	209-1	6215795	6259958	6215275	6230343	0.41	cps
Bismuth	209-2	4112222	4110745	4113013	4111993	0.03	cps
Bromine	81-1	9023	8866	8799	8896	1.29	cps
Bromine	81-2	47	60	73	60	22.22	cps
Cadmium	108-1	86231	86744	86341	86439	0.31	cps
Cadmium	106-1	123328	123792	124844	123988	0.63	cps
Cadmium	111-1	1168713	1182849	1188409	1179990	0.86	cps
Calcium	43-1	5356138	5398742	5425312	5393398	0.65	cps
Calcium	44-1	85187925	86165619	86289392	85880979	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1682975	1695577	1697805	1692119	0.47	cps
Cobalt	59-2	2734428	2741635	2748103	2741389	0.25	cps
Copper	63-2	18661801	18609703	18857333	18709612	0.70	cps
Dysprosium	156-1	523	493	513	510	3.00	cps
Dysprosium	156-2	420	400	400	407	2.84	cps
Erbium	164-1	297	347	390	344	13.56	cps
Erbium	164-2	187	197	157	180	11.56	cps
Gadolinium	160-1	287	250	227	254	11.89	cps
Gadolinium	160-2	347	357	337	347	2.88	cps
Holmium	165-1	10188125	10039834	10199639	10142532	0.88	cps
Holmium	165-2	6068134	6055553	5988088	6037258	0.71	cps
Indium	115-1	7011908	7003145	6971384	6995479	0.30	cps
Indium	115-2	2185879	2140975	2201608	2176154	1.45	cps
Iron	56-2	360713581	359726581	361116795	360518986	0.20	cps
Iron	57-2	9024504	8946638	9003067	8991403	0.45	cps
Iron	54-2	19645338	19615322	19708289	19656316	0.24	cps
Krypton	83-1	220	173	187	193	12.43	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:25:49	DataFile Name :	106CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19879831	20254141	20313571	20149181	1.17	cps
Lead	207-1	17498472	17966651	17781768	17748964	1.33	cps
Lead	208-1	79441457	81497327	81148318	80695700	1.36	cps
Lithium	6-1	1059939	1074418	1086258	1073538	1.23	cps
Magnesium	24-2	74892767	74670652	74990596	74851338	0.22	cps
Manganese	55-2	12554772	12620564	12627699	12601012	0.32	cps
Molybdenum	94-1	16866316	17040591	17248036	17051648	1.12	cps
Molybdenum	95-1	24746392	24850910	24911422	24836242	0.34	cps
Molybdenum	96-1	27032075	27333380	27245348	27203601	0.57	cps
Molybdenum	97-1	15524028	15661611	15792529	15659389	0.86	cps
Molybdenum	98-1	39945496	40366866	40517467	40276610	0.74	cps
Neodymium	150-1	467	453	460	460	1.45	cps
Neodymium	150-2	163	177	137	159	12.82	cps
Nickel	60-2	645812	645133	644723	645223	0.09	cps
Phosphorus	31-2	93124	93238	93624	93329	0.28	cps
Potassium	39-2	46491411	45756611	46553518	46267180	0.96	cps
Rhodium	103-1	6137539	6116380	6135346	6129755	0.19	cps
Rhodium	103-2	3495841	3507403	3472120	3491788	0.52	cps
Scandium	45-1	3564125	3581740	3591045	3578970	0.38	cps
Scandium	45-2	328080	329826	330707	329538	0.41	cps
Selenium	82-1	65922	66694	66398	66338	0.59	cps
Selenium	77-2	6305	5931	5951	6062	3.47	cps
Selenium	78-2	20992	20631	21005	20876	1.02	cps
Silicon	28-1	39155071	39352262	39557880	39355071	0.51	cps
Silver	107-1	5742741	5770489	5730065	5747765	0.36	cps
Silver	109-1	5414548	5464739	5440956	5440081	0.46	cps
Sodium	23-2	125287905	125569675	126126921	125661500	0.34	cps
Strontium	86-1	35108798	35591514	35615018	35438443	0.81	cps
Strontium	88-1	308335535	317505789	315387609	313742978	1.53	cps
Sulfur	34-1	448214	447797	447852	447954	0.05	cps
Terbium	159-1	10272258	10321961	10315633	10303284	0.26	cps
Terbium	159-2	5871662	6025276	6003871	5966936	1.39	cps
Thallium	203-1	5102863	5047224	5094867	5081652	0.59	cps
Thallium	205-1	11837563	12138079	12163476	12046373	1.50	cps
Tin	118-1	3917135	3926484	3939522	3927714	0.29	cps
Titanium	47-1	5493387	5622797	5573790	5563325	1.17	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:25:49	DataFile Name :	106CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16552524	17095692	16751411	16799876	1.64	cps
Vanadium	51-2	1504545	1490298	1520776	1505206	1.01	cps
Yttrium	89-1	11465360	11519319	11552575	11512418	0.38	cps
Yttrium	89-2	2800292	2785327	2775970	2787196	0.44	cps
Zinc	66-2	3036041	3037366	3072566	3048658	0.68	cps
Zirconium	90-1	7742445	7829984	7943011	7838480	1.28	cps
Zirconium	91-1	1740462	1772888	1749241	1754197	0.96	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:28:45	DataFile Name :	107CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2090	1947	1903	1980	4.93	cps
Antimony	121-1	3437	3190	3297	3308	3.74	cps
Arsenic	75-2	20	40	30	30	33.33	cps
Barium	135-1	1053	993	1017	1021	2.96	cps
Barium	137-1	1770	1747	1823	1780	2.21	cps
Beryllium	9-1	156	122	106	128	19.92	cps
Bismuth	209-1	6483396	6895223	6801923	6726847	3.21	cps
Bismuth	209-2	4518202	4536412	4485964	4513526	0.57	cps
Bromine	81-1	8766	8803	8809	8793	0.27	cps
Bromine	81-2	37	77	67	60	34.69	cps
Cadmium	108-1	13	13	27	18	43.33	cps
Cadmium	106-1	2427	2240	2314	2327	4.04	cps
Cadmium	111-1	1843	1705	1717	1755	4.33	cps
Calcium	43-1	523	483	530	512	4.93	cps
Calcium	44-1	12309	12229	12222	12253	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	697	687	723	702	2.70	cps
Cobalt	59-2	493	460	497	483	4.20	cps
Copper	63-2	2070	1980	1850	1967	5.62	cps
Dysprosium	156-1	223	237	307	256	17.52	cps
Dysprosium	156-2	53	47	43	48	10.66	cps
Erbium	164-1	70	60	87	72	18.66	cps
Erbium	164-2	47	30	47	41	23.41	cps
Gadolinium	160-1	47	40	20	36	39.03	cps
Gadolinium	160-2	243	207	227	226	8.14	cps
Holmium	165-1	9706536	10295259	10292514	10098103	3.36	cps
Holmium	165-2	6110797	6126524	6058755	6098692	0.58	cps
Indium	115-1	7020530	7543512	7513328	7359123	3.99	cps
Indium	115-2	2350426	2305495	2347795	2334572	1.08	cps
Iron	56-2	82913	77612	77177	79234	4.03	cps
Iron	57-2	2674	2517	2694	2628	3.68	cps
Iron	54-2	5271	5048	5211	5176	2.23	cps
Krypton	83-1	153	133	170	152	12.06	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:28:45	DataFile Name :	107CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2437	2234	2157	2276	6.36	cps
Lead	207-1	2067	1947	1850	1955	5.55	cps
Lead	208-1	9458	8905	8561	8975	5.04	cps
Lithium	6-1	1056404	1107901	1110553	1091619	2.80	cps
Magnesium	24-2	5044	4884	4984	4971	1.63	cps
Manganese	55-2	2627	2237	2417	2427	8.04	cps
Molybdenum	94-1	2440	1773	1937	2050	16.95	cps
Molybdenum	95-1	1647	1557	1680	1628	3.92	cps
Molybdenum	96-1	2227	2024	2134	2128	4.78	cps
Molybdenum	97-1	1177	1117	1067	1120	4.92	cps
Molybdenum	98-1	2850	2524	2824	2733	6.64	cps
Neodymium	150-1	67	57	43	56	21.08	cps
Neodymium	150-2	23	23	10	19	40.75	cps
Nickel	60-2	200	163	170	178	10.98	cps
Phosphorus	31-2	157	117	140	138	14.58	cps
Potassium	39-2	39344	39448	40621	39804	1.78	cps
Rhodium	103-1	6449349	6795933	6725384	6656889	2.75	cps
Rhodium	103-2	3869409	3900482	3875269	3881720	0.43	cps
Scandium	45-1	3435364	3673812	3568623	3559266	3.36	cps
Scandium	45-2	326323	326248	329177	327249	0.51	cps
Selenium	82-1	317	323	294	312	4.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	187	240	243	223	14.24	cps
Silicon	28-1	174311	172274	173222	173269	0.59	cps
Silver	107-1	847	753	583	728	18.35	cps
Silver	109-1	770	680	487	646	22.43	cps
Sodium	23-2	27765	27992	28249	28002	0.87	cps
Strontium	86-1	2040	1833	1853	1909	5.97	cps
Strontium	88-1	15578	14701	15281	15187	2.94	cps
Sulfur	34-1	140984	141179	141410	141191	0.15	cps
Terbium	159-1	10058125	10564071	10554176	10392124	2.78	cps
Terbium	159-2	6047546	6036486	6113491	6065841	0.69	cps
Thallium	203-1	1207	1013	887	1036	15.56	cps
Thallium	205-1	2894	2497	2177	2522	14.24	cps
Tin	118-1	2704	2444	2904	2684	8.60	cps
Titanium	47-1	687	550	600	612	11.30	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:28:45	DataFile Name :	107CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	830	677	677	728	12.16	cps
Vanadium	51-2	360	307	280	316	12.91	cps
Yttrium	89-1	10997541	11740504	11764860	11500969	3.79	cps
Yttrium	89-2	2852703	2843101	2839678	2845161	0.24	cps
Zinc	66-2	590	677	713	660	9.60	cps
Zirconium	90-1	3821	2700	2600	3040	22.28	cps
Zirconium	91-1	790	523	550	621	23.65	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:32:00	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11707040	11493074	11503969	11568028	1.04	cps
Antimony	121-1	2794717	2858145	2827251	2826704	1.12	cps
Arsenic	75-2	175623	175035	175966	175541	0.27	cps
Barium	135-1	16120272	16324366	16079202	16174613	0.81	cps
Barium	137-1	27415110	28044157	27899872	27786380	1.19	cps
Beryllium	9-1	182052	187239	185649	184980	1.44	cps
Bismuth	209-1	6591119	6742963	6758572	6697551	1.38	cps
Bismuth	209-2	4403569	4419449	3986976	4269998	5.74	cps
Bromine	81-1	12515	12218	12262	12332	1.30	cps
Bromine	81-2	820	667	777	754	10.48	cps
Cadmium	108-1	22164	22598	22381	22381	0.97	cps
Cadmium	106-1	32931	34067	33275	33424	1.74	cps
Cadmium	111-1	332158	335461	339530	335717	1.10	cps
Calcium	43-1	293586	297946	298454	296662	0.90	cps
Calcium	44-1	4491288	4541538	4521492	4518106	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2350984	2342372	2320773	2338043	0.67	cps
Cobalt	59-2	7839885	7889714	7777467	7835689	0.72	cps
Copper	63-2	4569217	4576309	4542506	4562678	0.39	cps
Dysprosium	156-1	84831	86142	87205	86059	1.38	cps
Dysprosium	156-2	62806	64316	63058	63393	1.28	cps
Erbium	164-1	67867	68443	69334	68548	1.08	cps
Erbium	164-2	39512	40017	40181	39903	0.87	cps
Gadolinium	160-1	77158	78867	78414	78146	1.13	cps
Gadolinium	160-2	49554	48587	49260	49134	1.01	cps
Holmium	165-1	10328409	10446581	10418902	10397964	0.59	cps
Holmium	165-2	6201175	6174639	5541157	5972323	6.26	cps
Indium	115-1	7419088	7485810	7375743	7426880	0.75	cps
Indium	115-2	2290374	2281254	2059195	2210274	5.92	cps
Iron	56-2	373329648	370689328	366433501	370150826	0.94	cps
Iron	57-2	9179714	9182750	9078571	9147012	0.65	cps
Iron	54-2	20412408	20280496	20080445	20257783	0.83	cps
Krypton	83-1	237	237	220	231	4.16	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:32:00	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1889247	1904029	1885313	1892863	0.52	cps
Lead	207-1	1398836	1406636	1418308	1407926	0.70	cps
Lead	208-1	7300484	7386589	7375430	7354168	0.64	cps
Lithium	6-1	1150782	1137636	1118830	1135749	1.41	cps
Magnesium	24-2	6172300	6078125	6074026	6108150	0.91	cps
Manganese	55-2	16904954	16840725	16516451	16754043	1.24	cps
Molybdenum	94-1	128339	130986	130737	130020	1.12	cps
Molybdenum	95-1	8696	8729	8626	8684	0.61	cps
Molybdenum	96-1	35954	35680	35994	35876	0.48	cps
Molybdenum	97-1	5361	5191	5238	5263	1.67	cps
Molybdenum	98-1	13380	13283	13193	13285	0.70	cps
Neodymium	150-1	157340	157930	159322	158197	0.64	cps
Neodymium	150-2	78688	79646	79526	79287	0.66	cps
Nickel	60-2	2125587	2099618	2063179	2096128	1.50	cps
Phosphorus	31-2	15318	15328	15151	15266	0.65	cps
Potassium	39-2	2937406	2888722	2842468	2889532	1.64	cps
Rhodium	103-1	6602394	6687189	6627518	6639034	0.66	cps
Rhodium	103-2	3768280	3780667	3360762	3636570	6.57	cps
Scandium	45-1	3942362	3993906	3963047	3966438	0.65	cps
Scandium	45-2	357458	353597	319236	343431	6.13	cps
Selenium	82-1	42021	43216	43201	42813	1.60	cps
Selenium	77-2	4171	4104	4031	4102	1.71	cps
Selenium	78-2	13389	13216	12789	13131	2.35	cps
Silicon	28-1	21486077	21895623	21778808	21720169	0.97	cps
Silver	107-1	1333683	1351283	1361395	1348787	1.04	cps
Silver	109-1	1269546	1283531	1289276	1280784	0.79	cps
Sodium	23-2	123070	121760	120167	121666	1.19	cps
Strontium	86-1	282140	285125	283974	283747	0.53	cps
Strontium	88-1	2563136	2597156	2583367	2581220	0.66	cps
Sulfur	34-1	148443	145525	141353	145107	2.46	cps
Terbium	159-1	10554402	10669091	10619164	10614219	0.54	cps
Terbium	159-2	6133244	6061610	5464802	5886552	6.23	cps
Thallium	203-1	1256252	1264526	1289501	1270093	1.36	cps
Thallium	205-1	3502230	3596674	3555980	3551628	1.33	cps
Tin	118-1	27954	28482	29751	28729	3.21	cps
Titanium	47-1	1326316	1332608	1341000	1333308	0.55	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MS	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 20:32:00	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43411	43424	44909	43914	1.96	cps
Vanadium	51-2	4989797	4933460	4900654	4941304	0.91	cps
Yttrium	89-1	12616428	12747675	12578069	12647390	0.70	cps
Yttrium	89-2	3034911	3034259	2704029	2924399	6.53	cps
Zinc	66-2	1106371	1100920	1091907	1099732	0.66	cps
Zirconium	90-1	335970	340031	341799	339267	0.88	cps
Zirconium	91-1	75818	77674	76675	76722	1.21	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:34:56	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2038220	2014497	2006517	2019745	0.82	cps
Antimony	121-1	4974	5374	5348	5232	4.28	cps
Arsenic	75-2	13103	13443	12789	13111	2.49	cps
Barium	135-1	328859	335608	335251	333239	1.14	cps
Barium	137-1	568737	579738	581069	576515	1.17	cps
Beryllium	9-1	622	594	594	604	2.66	cps
Bismuth	209-1	6686146	6830686	6721214	6746015	1.12	cps
Bismuth	209-2	4382175	4415828	4398741	4398914	0.38	cps
Bromine	81-1	9366	9523	9793	9561	2.26	cps
Bromine	81-2	290	237	133	220	36.20	cps
Cadmium	108-1	123	193	147	154	23.08	cps
Cadmium	106-1	2924	2510	2900	2778	8.36	cps
Cadmium	111-1	3387	3109	3341	3279	4.55	cps
Calcium	43-1	46578	46979	46882	46813	0.45	cps
Calcium	44-1	744707	759342	763070	755707	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85192	85775	85883	85617	0.43	cps
Cobalt	59-2	77291	77037	78031	77453	0.67	cps
Copper	63-2	272415	274007	271721	272714	0.43	cps
Dysprosium	156-1	21723	20772	21169	21222	2.25	cps
Dysprosium	156-2	15272	14965	15178	15138	1.04	cps
Erbium	164-1	15542	15876	15389	15602	1.60	cps
Erbium	164-2	8903	8506	9487	8965	5.50	cps
Gadolinium	160-1	18863	19103	18986	18984	0.63	cps
Gadolinium	160-2	12069	12502	11995	12189	2.25	cps
Holmium	165-1	10235668	10183302	10225222	10214731	0.27	cps
Holmium	165-2	6041351	5964527	6082565	6029481	0.99	cps
Indium	115-1	7510789	7348348	7399356	7419498	1.12	cps
Indium	115-2	2235628	2256033	2231591	2241084	0.58	cps
Iron	56-2	78640479	78427537	77185484	78084500	1.01	cps
Iron	57-2	1955775	1942349	1921279	1939801	0.90	cps
Iron	54-2	4296531	4286506	4281805	4288281	0.18	cps
Krypton	83-1	133	133	197	154	23.67	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:34:56	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	158971	160584	160666	160074	0.60	cps
Lead	207-1	141083	140854	143014	141650	0.84	cps
Lead	208-1	635744	638533	643483	639254	0.61	cps
Lithium	6-1	1115586	1130926	1115753	1120755	0.79	cps
Magnesium	24-2	1778656	1755766	1724730	1753051	1.54	cps
Manganese	55-2	1895700	1885410	1851385	1877499	1.24	cps
Molybdenum	94-1	19366	19750	19757	19624	1.14	cps
Molybdenum	95-1	2067	2037	2064	2056	0.80	cps
Molybdenum	96-1	6358	6525	6588	6490	1.83	cps
Molybdenum	97-1	1263	1093	1247	1201	7.80	cps
Molybdenum	98-1	3080	3157	3204	3147	1.98	cps
Neodymium	150-1	38021	39157	39054	38744	1.62	cps
Neodymium	150-2	19791	19741	19363	19632	1.19	cps
Nickel	60-2	34880	34924	34744	34849	0.27	cps
Phosphorus	31-2	4754	4827	4677	4753	1.58	cps
Potassium	39-2	920097	918713	915560	918123	0.25	cps
Rhodium	103-1	6755246	6783458	6669170	6735958	0.88	cps
Rhodium	103-2	3827880	3784106	3819266	3810417	0.61	cps
Scandium	45-1	3614659	3700453	3651544	3655552	1.18	cps
Scandium	45-2	331654	333478	335379	333504	0.56	cps
Selenium	82-1	414	448	366	409	10.04	cps
Selenium	77-2	60	83	60	68	19.87	cps
Selenium	78-2	270	217	283	257	13.74	cps
Silicon	28-1	6692504	6684291	6777536	6718110	0.77	cps
Silver	107-1	2670	2244	2347	2420	9.20	cps
Silver	109-1	2287	2117	1950	2118	7.95	cps
Sodium	23-2	45828	46440	46246	46171	0.68	cps
Strontium	86-1	53316	53738	53838	53631	0.52	cps
Strontium	88-1	461988	468708	468240	466312	0.80	cps
Sulfur	34-1	128209	127127	128478	127938	0.56	cps
Terbium	159-1	10621698	10497188	10285270	10468052	1.62	cps
Terbium	159-2	5988605	6006481	5999233	5998106	0.15	cps
Thallium	203-1	11438	11959	11845	11747	2.33	cps
Thallium	205-1	28393	28450	28727	28523	0.63	cps
Tin	118-1	6775	7199	7452	7142	4.79	cps
Titanium	47-1	254773	259960	263709	259481	1.73	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:34:56	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9727	10254	10021	10001	2.64	cps
Vanadium	51-2	147906	147264	148367	147846	0.37	cps
Yttrium	89-1	11725914	11925549	11867530	11839664	0.87	cps
Yttrium	89-2	2837885	2828609	2846427	2837640	0.31	cps
Zinc	66-2	43363	44091	44222	43892	1.05	cps
Zirconium	90-1	48774	49189	49955	49306	1.21	cps
Zirconium	91-1	11041	10927	11385	11118	2.14	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:38:05	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1948981	1965023	1960910	1958305	0.43	cps
Antimony	121-1	4537	4594	4764	4632	2.55	cps
Arsenic	75-2	12936	13263	12519	12906	2.89	cps
Barium	135-1	314245	319627	320460	318111	1.06	cps
Barium	137-1	546866	555989	556955	553270	1.01	cps
Beryllium	9-1	483	644	489	539	16.97	cps
Bismuth	209-1	6497048	6693077	6571556	6587227	1.50	cps
Bismuth	209-2	4408231	4350166	4374849	4377749	0.67	cps
Bromine	81-1	9190	8983	9029	9067	1.20	cps
Bromine	81-2	237	187	180	201	15.40	cps
Cadmium	108-1	133	153	143	143	6.98	cps
Cadmium	106-1	2564	2590	2414	2522	3.78	cps
Cadmium	111-1	2938	3179	2909	3009	4.93	cps
Calcium	43-1	43753	44983	45451	44729	1.96	cps
Calcium	44-1	718704	731184	735427	728439	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82926	82980	82849	82918	0.08	cps
Cobalt	59-2	74993	73767	73884	74214	0.91	cps
Copper	63-2	261931	262572	259286	261263	0.67	cps
Dysprosium	156-1	19197	19494	19938	19543	1.91	cps
Dysprosium	156-2	14384	14424	14631	14480	0.92	cps
Erbium	164-1	14881	15385	15182	15149	1.67	cps
Erbium	164-2	8709	9066	8770	8848	2.16	cps
Gadolinium	160-1	18052	18232	18512	18265	1.27	cps
Gadolinium	160-2	11568	12039	11368	11658	2.95	cps
Holmium	165-1	10008208	10075577	9981749	10021845	0.48	cps
Holmium	165-2	5975145	5881107	6052464	5969572	1.44	cps
Indium	115-1	7267911	7303943	7323779	7298544	0.39	cps
Indium	115-2	2259348	2219611	2289064	2256008	1.54	cps
Iron	56-2	75236834	75346551	75312496	75298627	0.07	cps
Iron	57-2	1876890	1884945	1883601	1881812	0.23	cps
Iron	54-2	4082606	4100482	4123134	4102074	0.50	cps
Krypton	83-1	163	173	163	167	3.46	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:38:05	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	151749	152670	152179	152199	0.30	cps
Lead	207-1	132437	135265	137214	134972	1.78	cps
Lead	208-1	602817	611918	617087	610607	1.18	cps
Lithium	6-1	1099341	1073538	1085588	1086156	1.19	cps
Magnesium	24-2	1704430	1700611	1689270	1698104	0.46	cps
Manganese	55-2	1790823	1819646	1789019	1799829	0.95	cps
Molybdenum	94-1	18178	18599	19183	18653	2.70	cps
Molybdenum	95-1	1737	1907	1710	1785	5.98	cps
Molybdenum	96-1	6035	6028	6031	6031	0.06	cps
Molybdenum	97-1	1170	1093	1183	1149	4.23	cps
Molybdenum	98-1	2877	2940	2810	2876	2.26	cps
Neodymium	150-1	36564	37119	37994	37226	1.94	cps
Neodymium	150-2	18916	19026	18512	18818	1.44	cps
Nickel	60-2	33531	33153	34533	33739	2.11	cps
Phosphorus	31-2	4637	4581	4674	4631	1.02	cps
Potassium	39-2	896490	896248	900195	897645	0.25	cps
Rhodium	103-1	6618553	6573024	6550917	6580831	0.52	cps
Rhodium	103-2	3814143	3784895	3819704	3806247	0.49	cps
Scandium	45-1	3629023	3625142	3639099	3631088	0.20	cps
Scandium	45-2	329614	332193	327931	329912	0.65	cps
Selenium	82-1	350	385	350	362	5.50	cps
Selenium	77-2	60	53	30	48	32.97	cps
Selenium	78-2	207	243	290	247	16.93	cps
Silicon	28-1	6463474	6557931	6671986	6564463	1.59	cps
Silver	107-1	1457	1747	1600	1601	9.06	cps
Silver	109-1	1717	1640	1610	1656	3.32	cps
Sodium	23-2	43304	43869	41880	43018	2.38	cps
Strontium	86-1	50172	51500	52001	51224	1.85	cps
Strontium	88-1	440962	449396	454412	448256	1.52	cps
Sulfur	34-1	122053	122170	121149	121791	0.46	cps
Terbium	159-1	10196437	10347629	10397764	10313943	1.02	cps
Terbium	159-2	5951314	5978897	6027980	5986064	0.65	cps
Thallium	203-1	10007	10167	9814	9996	1.77	cps
Thallium	205-1	24315	23667	24262	24081	1.49	cps
Tin	118-1	6628	9602	7202	7811	20.20	cps
Titanium	47-1	247901	253773	253526	251733	1.32	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:38:05	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9487	9237	9574	9432	1.85	cps
Vanadium	51-2	146055	143791	144507	144784	0.80	cps
Yttrium	89-1	11674334	11631591	11691909	11665945	0.27	cps
Yttrium	89-2	2862289	2789663	2826245	2826066	1.28	cps
Zinc	66-2	43573	41391	42694	42553	2.58	cps
Zirconium	90-1	46764	46928	47961	47218	1.37	cps
Zirconium	91-1	10264	10571	10394	10409	1.48	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:41:16	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	396491	397086	399396	397658	0.39	cps
Antimony	121-1	1230	1160	1267	1219	4.45	cps
Arsenic	75-2	2654	2527	2590	2590	2.45	cps
Barium	135-1	64080	65007	65182	64756	0.91	cps
Barium	137-1	112255	113804	113055	113038	0.69	cps
Beryllium	9-1	150	150	156	152	2.11	cps
Bismuth	209-1	6695345	6549932	6577112	6607463	1.17	cps
Bismuth	209-2	4400406	4407898	4426359	4411554	0.30	cps
Bromine	81-1	8409	8773	8409	8530	2.46	cps
Bromine	81-2	77	107	77	87	19.98	cps
Cadmium	108-1	37	27	43	36	23.58	cps
Cadmium	106-1	2417	2434	2013	2288	10.40	cps
Cadmium	111-1	1963	2028	1646	1879	10.89	cps
Calcium	43-1	9183	9436	9263	9294	1.39	cps
Calcium	44-1	153648	154440	156147	154745	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17227	17467	17550	17415	0.97	cps
Cobalt	59-2	15488	15752	15418	15553	1.13	cps
Copper	63-2	53970	55021	54154	54382	1.03	cps
Dysprosium	156-1	4101	4234	4214	4183	1.72	cps
Dysprosium	156-2	2924	3064	3124	3037	3.38	cps
Erbium	164-1	3057	3174	2960	3064	3.49	cps
Erbium	164-2	1803	1687	1760	1750	3.37	cps
Gadolinium	160-1	3557	3767	3604	3643	3.03	cps
Gadolinium	160-2	2424	2600	2734	2586	6.01	cps
Holmium	165-1	10061184	10019703	9899740	9993543	0.84	cps
Holmium	165-2	5969921	6114286	6036223	6040143	1.20	cps
Indium	115-1	7325842	7378714	7352905	7352487	0.36	cps
Indium	115-2	2275956	2301131	2278581	2285222	0.61	cps
Iron	56-2	15280683	15199935	15360727	15280448	0.53	cps
Iron	57-2	387880	389291	390489	389220	0.34	cps
Iron	54-2	856259	858128	860874	858420	0.27	cps
Krypton	83-1	150	193	147	163	15.94	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:41:16	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	31276	32228	31647	31717	1.51	cps
Lead	207-1	27862	28102	28196	28053	0.61	cps
Lead	208-1	126380	127545	126659	126862	0.48	cps
Lithium	6-1	1070696	1075637	1087792	1078041	0.82	cps
Magnesium	24-2	350118	352734	351945	351599	0.38	cps
Manganese	55-2	358106	360517	363154	360592	0.70	cps
Molybdenum	94-1	3991	4064	4054	4036	0.99	cps
Molybdenum	95-1	747	753	667	722	6.68	cps
Molybdenum	96-1	1643	1630	1593	1622	1.60	cps
Molybdenum	97-1	463	393	560	472	17.72	cps
Molybdenum	98-1	1057	1203	1193	1151	7.12	cps
Neodymium	150-1	7255	7252	7625	7378	2.91	cps
Neodymium	150-2	3784	3554	3861	3733	4.28	cps
Nickel	60-2	6762	7118	6902	6927	2.60	cps
Phosphorus	31-2	1060	1030	967	1019	4.68	cps
Potassium	39-2	207449	206910	210112	208157	0.82	cps
Rhodium	103-1	6651643	6668960	6664872	6661825	0.14	cps
Rhodium	103-2	3795510	3841601	3826442	3821184	0.61	cps
Scandium	45-1	3588943	3584627	3570249	3581273	0.27	cps
Scandium	45-2	324229	326775	327312	326105	0.50	cps
Selenium	82-1	323	283	327	311	7.81	cps
Selenium	77-2	0	23	10	11	105.35	cps
Selenium	78-2	227	190	243	220	12.40	cps
Silicon	28-1	1428480	1452446	1481123	1454016	1.81	cps
Silver	107-1	493	563	483	513	8.49	cps
Silver	109-1	413	447	400	420	5.72	cps
Sodium	23-2	24610	24042	24733	24462	1.51	cps
Strontium	86-1	10751	10784	11361	10965	3.13	cps
Strontium	88-1	92871	94628	94669	94056	1.09	cps
Sulfur	34-1	121529	120743	118099	120123	1.50	cps
Terbium	159-1	10272822	10241182	10238948	10250984	0.18	cps
Terbium	159-2	5919412	5992548	6027117	5979692	0.92	cps
Thallium	203-1	2344	2484	2300	2376	4.03	cps
Thallium	205-1	5765	5711	6025	5834	2.88	cps
Tin	118-1	2840	2997	2990	2943	3.01	cps
Titanium	47-1	49771	50417	51266	50485	1.49	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4H7L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:41:16	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2070	2080	1960	2037	3.27	cps
Vanadium	51-2	28975	29743	29379	29365	1.31	cps
Yttrium	89-1	11613154	11490774	11442211	11515379	0.76	cps
Yttrium	89-2	2775921	2809193	2811508	2798874	0.71	cps
Zinc	66-2	8933	8783	9120	8945	1.89	cps
Zirconium	90-1	9883	10320	10124	10109	2.16	cps
Zirconium	91-1	2210	2217	2207	2211	0.23	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:44:28	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2017275	2021347	1976734	2005119	1.23	cps
Antimony	121-1	130603	132026	132197	131609	0.66	cps
Arsenic	75-2	15098	15131	15261	15163	0.57	cps
Barium	135-1	972743	982364	982688	979265	0.58	cps
Barium	137-1	1822442	1868345	1852931	1847906	1.26	cps
Beryllium	9-1	9386	9264	9386	9346	0.76	cps
Bismuth	209-1	6636385	6597987	6684377	6639583	0.65	cps
Bismuth	209-2	4410958	4411748	4394849	4405852	0.22	cps
Bromine	81-1	9193	9130	9303	9208	0.95	cps
Bromine	81-2	250	170	193	204	20.12	cps
Cadmium	108-1	1113	1287	1170	1190	7.43	cps
Cadmium	106-1	4387	3874	4011	4091	6.50	cps
Cadmium	111-1	18828	19238	18972	19013	1.10	cps
Calcium	43-1	44699	45491	44522	44904	1.15	cps
Calcium	44-1	721591	736589	740447	732876	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179770	182557	181724	181350	0.79	cps
Cobalt	59-2	443472	444715	443458	443882	0.16	cps
Copper	63-2	391165	392052	396293	393170	0.70	cps
Dysprosium	156-1	20215	19767	19697	19893	1.41	cps
Dysprosium	156-2	14581	15011	14778	14790	1.46	cps
Erbium	164-1	14628	15422	15015	15021	2.64	cps
Erbium	164-2	9086	8883	9043	9004	1.19	cps
Gadolinium	160-1	18239	18666	18576	18493	1.22	cps
Gadolinium	160-2	12162	12009	11692	11954	2.01	cps
Holmium	165-1	10300253	10258201	10234829	10264428	0.32	cps
Holmium	165-2	6089809	6072175	6039883	6067289	0.42	cps
Indium	115-1	7441911	7409160	7454913	7435328	0.32	cps
Indium	115-2	2287629	2273310	2296243	2285727	0.51	cps
Iron	56-2	76168946	76819889	76097104	76361979	0.52	cps
Iron	57-2	1887769	1923996	1898273	1903346	0.98	cps
Iron	54-2	4196232	4184731	4106521	4162495	1.17	cps
Krypton	83-1	167	193	177	179	7.53	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:44:28	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	172453	175242	176831	174842	1.27	cps
Lead	207-1	152738	153634	156102	154158	1.13	cps
Lead	208-1	691697	698679	700909	697095	0.69	cps
Lithium	6-1	1102279	1067133	1048851	1072754	2.53	cps
Magnesium	24-2	1692421	1699146	1723923	1705164	0.97	cps
Manganese	55-2	1997303	2008094	1978564	1994654	0.75	cps
Molybdenum	94-1	17547	18088	18115	17917	1.79	cps
Molybdenum	95-1	1903	1820	1890	1871	2.39	cps
Molybdenum	96-1	5888	5901	6158	5982	2.55	cps
Molybdenum	97-1	1197	1157	1083	1146	5.02	cps
Molybdenum	98-1	2987	3007	2800	2931	3.89	cps
Neodymium	150-1	36731	37944	37453	37376	1.63	cps
Neodymium	150-2	19380	19177	19110	19222	0.73	cps
Nickel	60-2	126810	128878	126877	127522	0.92	cps
Phosphorus	31-2	4534	4607	4617	4586	0.99	cps
Potassium	39-2	891213	898904	892744	894287	0.46	cps
Rhodium	103-1	6672433	6726998	6733753	6711062	0.50	cps
Rhodium	103-2	3906271	3821862	3826547	3851560	1.23	cps
Scandium	45-1	3695099	3746391	3691175	3710888	0.83	cps
Scandium	45-2	338362	336334	336225	336974	0.36	cps
Selenium	82-1	2189	2217	2290	2232	2.34	cps
Selenium	77-2	233	250	233	239	4.03	cps
Selenium	78-2	857	810	777	814	4.93	cps
Silicon	28-1	6110922	6256254	6276612	6214596	1.45	cps
Silver	107-1	67928	68333	69164	68475	0.92	cps
Silver	109-1	63987	65370	66110	65155	1.65	cps
Sodium	23-2	38969	40152	39370	39497	1.52	cps
Strontium	86-1	50914	50948	51925	51262	1.12	cps
Strontium	88-1	445337	450713	451099	449050	0.72	cps
Sulfur	34-1	120497	118438	115332	118089	2.20	cps
Terbium	159-1	10465417	10583205	10324777	10457800	1.24	cps
Terbium	159-2	6028468	6103952	5937851	6023424	1.38	cps
Thallium	203-1	72612	73835	73081	73176	0.84	cps
Thallium	205-1	172553	173795	175362	173903	0.81	cps
Tin	118-1	8502	7185	6988	7559	10.89	cps
Titanium	47-1	247573	251713	253284	250857	1.18	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:44:28	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9253	9887	9463	9535	3.39	cps
Vanadium	51-2	359626	361200	360567	360465	0.22	cps
Yttrium	89-1	11806789	11830443	11747482	11794904	0.36	cps
Yttrium	89-2	2878624	2845612	2848611	2857616	0.64	cps
Zinc	66-2	84484	83991	83810	84095	0.41	cps
Zirconium	90-1	44858	46517	46513	45963	2.08	cps
Zirconium	91-1	10360	10170	10000	10177	1.77	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:47:39	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2224323	2201486	2215744	2213851	0.52	cps
Antimony	121-1	673105	682041	684130	679759	0.86	cps
Arsenic	75-2	25699	25198	25435	25444	0.98	cps
Barium	135-1	3960472	4083699	4096670	4046947	1.86	cps
Barium	137-1	6880577	7066466	7046918	6997987	1.46	cps
Beryllium	9-1	43466	45015	46096	44859	2.95	cps
Bismuth	209-1	6794306	6922716	6816471	6844498	1.00	cps
Bismuth	209-2	4485340	4517598	4466984	4489974	0.57	cps
Bromine	81-1	9313	9050	9453	9272	2.21	cps
Bromine	81-2	207	207	187	200	5.77	cps
Cadmium	108-1	5648	5654	6111	5805	4.58	cps
Cadmium	106-1	9990	10267	10277	10178	1.60	cps
Cadmium	111-1	85074	88401	88624	87366	2.28	cps
Calcium	43-1	45368	45662	45414	45481	0.35	cps
Calcium	44-1	730923	748411	754481	744605	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	586319	585325	583983	585209	0.20	cps
Cobalt	59-2	2023035	1996557	2014330	2011307	0.67	cps
Copper	63-2	905327	894876	899542	899915	0.58	cps
Dysprosium	156-1	20392	20415	20505	20437	0.29	cps
Dysprosium	156-2	15235	14471	15422	15043	3.35	cps
Erbium	164-1	15085	15999	15552	15545	2.94	cps
Erbium	164-2	9253	9176	8893	9107	2.08	cps
Gadolinium	160-1	18282	18345	18666	18431	1.12	cps
Gadolinium	160-2	12169	11842	12075	12029	1.40	cps
Holmium	165-1	10170225	10440214	10407045	10339161	1.42	cps
Holmium	165-2	6204911	6148904	6146178	6166664	0.54	cps
Indium	115-1	7342871	7548605	7525331	7472269	1.51	cps
Indium	115-2	2362116	2318090	2278762	2319656	1.80	cps
Iron	56-2	79628820	78786949	78980370	79132047	0.56	cps
Iron	57-2	1970041	1934600	1945208	1949950	0.93	cps
Iron	54-2	4287297	4306755	4311729	4301927	0.30	cps
Krypton	83-1	163	180	187	177	6.80	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:47:39	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	264022	267128	267985	266379	0.78	cps
Lead	207-1	231502	236661	237091	235085	1.32	cps
Lead	208-1	1053030	1073184	1078948	1068387	1.27	cps
Lithium	6-1	1069688	1097909	1095113	1087570	1.43	cps
Magnesium	24-2	1697572	1734125	1721698	1717798	1.08	cps
Manganese	55-2	2783569	2701031	2738794	2741131	1.51	cps
Molybdenum	94-1	18529	18815	19083	18809	1.47	cps
Molybdenum	95-1	1947	1873	1917	1912	1.93	cps
Molybdenum	96-1	5845	6228	6355	6142	4.33	cps
Molybdenum	97-1	1117	1180	1130	1142	2.92	cps
Molybdenum	98-1	2754	2960	2994	2903	4.48	cps
Neodymium	150-1	37446	38449	38937	38277	1.99	cps
Neodymium	150-2	19440	18476	19337	19084	2.77	cps
Nickel	60-2	511533	509362	507947	509614	0.35	cps
Phosphorus	31-2	4654	4877	4617	4716	2.98	cps
Potassium	39-2	907367	901428	903592	904129	0.33	cps
Rhodium	103-1	6681223	6784932	6758264	6741473	0.80	cps
Rhodium	103-2	3943484	3880533	3848355	3890791	1.24	cps
Scandium	45-1	3641636	3745704	3668697	3685346	1.47	cps
Scandium	45-2	340408	333508	334301	336072	1.12	cps
Selenium	82-1	10794	10887	11004	10895	0.97	cps
Selenium	77-2	993	963	920	959	3.85	cps
Selenium	78-2	3384	3467	3777	3543	5.85	cps
Silicon	28-1	6128254	6249868	6329447	6235856	1.62	cps
Silver	107-1	338298	347773	349847	345306	1.78	cps
Silver	109-1	319967	326660	331477	326034	1.77	cps
Sodium	23-2	39404	40246	40156	39935	1.16	cps
Strontium	86-1	51797	52152	52496	52149	0.67	cps
Strontium	88-1	451602	456662	462038	456767	1.14	cps
Sulfur	34-1	116963	117131	117699	117264	0.33	cps
Terbium	159-1	10475369	10636419	10492907	10534898	0.84	cps
Terbium	159-2	6163137	6176732	6094977	6144948	0.71	cps
Thallium	203-1	341898	344501	347446	344615	0.81	cps
Thallium	205-1	816794	825901	829340	824012	0.79	cps
Tin	118-1	7335	7169	7682	7395	3.54	cps
Titanium	47-1	248541	254712	256030	253094	1.58	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4H7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:47:39	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9604	9977	9647	9743	2.10	cps
Vanadium	51-2	1246821	1233041	1232613	1237491	0.65	cps
Yttrium	89-1	11679063	11801197	11872274	11784178	0.83	cps
Yttrium	89-2	2917064	2840787	2842743	2866864	1.52	cps
Zinc	66-2	255140	254375	256366	255293	0.39	cps
Zirconium	90-1	46266	47329	47165	46920	1.22	cps
Zirconium	91-1	10807	10841	10677	10775	0.80	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:50:43	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2052083	2019522	2017602	2029736	0.95	cps
Antimony	121-1	5274	5571	5521	5456	2.91	cps
Arsenic	75-2	10824	10447	10704	10658	1.81	cps
Barium	135-1	283526	285622	289016	286055	0.97	cps
Barium	137-1	493195	501387	500385	498322	0.90	cps
Beryllium	9-1	583	511	539	544	6.69	cps
Bismuth	209-1	6781153	6650558	6744420	6725377	1.00	cps
Bismuth	209-2	4471729	4416244	4484049	4457341	0.81	cps
Bromine	81-1	9313	9176	9233	9241	0.74	cps
Bromine	81-2	210	200	180	197	7.77	cps
Cadmium	108-1	130	110	117	119	8.57	cps
Cadmium	106-1	2717	2717	2484	2639	5.11	cps
Cadmium	111-1	2688	2708	2480	2625	4.80	cps
Calcium	43-1	56893	57301	57980	57391	0.96	cps
Calcium	44-1	921970	938682	943969	934874	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84300	84009	84016	84108	0.20	cps
Cobalt	59-2	60501	60056	61274	60611	1.02	cps
Copper	63-2	191506	192548	189905	191320	0.70	cps
Dysprosium	156-1	20168	20335	20171	20225	0.47	cps
Dysprosium	156-2	14995	14771	14935	14900	0.78	cps
Erbium	164-1	15549	15926	15882	15786	1.31	cps
Erbium	164-2	9303	9763	9630	9566	2.48	cps
Gadolinium	160-1	18396	19030	18849	18758	1.74	cps
Gadolinium	160-2	12102	12162	11868	12044	1.29	cps
Holmium	165-1	10239004	10411524	10255589	10302039	0.92	cps
Holmium	165-2	6078104	6015291	6147379	6080258	1.09	cps
Indium	115-1	7519011	7499181	7505145	7507779	0.14	cps
Indium	115-2	2302273	2280260	2279425	2287320	0.57	cps
Iron	56-2	68224501	68173354	67949054	68115636	0.22	cps
Iron	57-2	1677999	1721726	1706700	1702142	1.31	cps
Iron	54-2	3740268	3729284	3709994	3726516	0.41	cps
Krypton	83-1	187	200	200	196	3.94	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:50:43	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	110525	112111	112722	111786	1.01	cps
Lead	207-1	94258	96523	97037	95939	1.54	cps
Lead	208-1	434097	439634	444050	439260	1.14	cps
Lithium	6-1	1094242	1124242	1088561	1102349	1.74	cps
Magnesium	24-2	1474789	1470985	1478166	1474647	0.24	cps
Manganese	55-2	1466719	1449291	1443525	1453178	0.83	cps
Molybdenum	94-1	27953	28641	28982	28526	1.84	cps
Molybdenum	95-1	1857	1903	1853	1871	1.49	cps
Molybdenum	96-1	7685	7595	8236	7839	4.42	cps
Molybdenum	97-1	1100	1230	1163	1165	5.58	cps
Molybdenum	98-1	2894	2980	2850	2908	2.28	cps
Neodymium	150-1	37998	38105	39061	38388	1.52	cps
Neodymium	150-2	18736	19530	19026	19097	2.10	cps
Nickel	60-2	30845	30748	30812	30802	0.16	cps
Phosphorus	31-2	5251	5331	5594	5392	3.33	cps
Potassium	39-2	1083796	1075306	1081056	1080052	0.40	cps
Rhodium	103-1	6811337	6793459	6803424	6802740	0.13	cps
Rhodium	103-2	3834811	3818652	3812669	3822044	0.30	cps
Scandium	45-1	3676419	3717732	3678128	3690760	0.63	cps
Scandium	45-2	332950	331086	331846	331961	0.28	cps
Selenium	82-1	329	330	369	343	6.68	cps
Selenium	77-2	60	50	90	67	31.22	cps
Selenium	78-2	243	263	237	248	5.60	cps
Silicon	28-1	5292791	5343212	5364410	5333471	0.69	cps
Silver	107-1	1823	1693	1687	1735	4.44	cps
Silver	109-1	1780	1657	1543	1660	7.13	cps
Sodium	23-2	43685	44711	45340	44579	1.87	cps
Strontium	86-1	63653	65036	65093	64594	1.26	cps
Strontium	88-1	550924	566640	563661	560408	1.49	cps
Sulfur	34-1	121357	118408	119624	119796	1.24	cps
Terbium	159-1	10445720	10457869	10545163	10482917	0.52	cps
Terbium	159-2	6112045	6031041	6032731	6058606	0.76	cps
Thallium	203-1	1370	1323	1303	1332	2.57	cps
Thallium	205-1	3057	3290	3207	3185	3.71	cps
Tin	118-1	7966	8062	8072	8033	0.73	cps
Titanium	47-1	335671	342371	345732	341258	1.50	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:50:43	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10935	10941	10614	10830	1.73	cps
Vanadium	51-2	125806	125483	124747	125345	0.43	cps
Yttrium	89-1	11856575	11834290	11946921	11879262	0.50	cps
Yttrium	89-2	2841928	2864457	2906940	2871108	1.15	cps
Zinc	66-2	41040	40973	40856	40956	0.23	cps
Zirconium	90-1	71242	73348	74320	72970	2.16	cps
Zirconium	91-1	15865	16513	16756	16378	2.81	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:53:54	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2080681	2074879	2100890	2085483	0.65	cps
Antimony	121-1	5645	5571	5695	5637	1.10	cps
Arsenic	75-2	11204	11081	10907	11064	1.35	cps
Barium	135-1	295511	302290	304080	300627	1.50	cps
Barium	137-1	514431	520123	526988	520514	1.21	cps
Beryllium	9-1	506	589	589	561	8.57	cps
Bismuth	209-1	6809499	6788521	6701672	6766564	0.84	cps
Bismuth	209-2	4487608	4492437	4408856	4462967	1.05	cps
Bromine	81-1	9263	9356	9203	9274	0.83	cps
Bromine	81-2	183	223	283	230	21.88	cps
Cadmium	108-1	123	103	160	129	22.30	cps
Cadmium	106-1	2834	2474	2550	2619	7.24	cps
Cadmium	111-1	2764	2529	2493	2595	5.66	cps
Calcium	43-1	58378	58586	59482	58815	1.00	cps
Calcium	44-1	938334	956641	964455	953143	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86838	87019	87810	87222	0.59	cps
Cobalt	59-2	62145	62272	62255	62224	0.11	cps
Copper	63-2	195594	194139	195506	195080	0.42	cps
Dysprosium	156-1	20462	20769	20351	20527	1.05	cps
Dysprosium	156-2	14761	15328	15482	15191	2.50	cps
Erbium	164-1	16133	16219	16396	16250	0.83	cps
Erbium	164-2	9890	9567	9703	9720	1.67	cps
Gadolinium	160-1	19000	19584	19611	19398	1.78	cps
Gadolinium	160-2	12059	12349	12205	12204	1.19	cps
Holmium	165-1	10403556	10335863	10335139	10358186	0.38	cps
Holmium	165-2	6218369	6124599	6019466	6120811	1.63	cps
Indium	115-1	7413736	7432660	7457049	7434482	0.29	cps
Indium	115-2	2299169	2320585	2276641	2298798	0.96	cps
Iron	56-2	69803447	70075042	70800167	70226219	0.73	cps
Iron	57-2	1722264	1742598	1757629	1740830	1.02	cps
Iron	54-2	3866384	3822236	3852783	3847134	0.59	cps
Krypton	83-1	170	210	207	196	11.35	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:53:54	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	113368	113919	113035	113441	0.39	cps
Lead	207-1	96375	98020	99437	97944	1.56	cps
Lead	208-1	443006	447989	447998	446331	0.65	cps
Lithium	6-1	1081919	1077069	1085164	1081384	0.38	cps
Magnesium	24-2	1510738	1505918	1520061	1512239	0.48	cps
Manganese	55-2	1525118	1530753	1531198	1529023	0.22	cps
Molybdenum	94-1	27346	29430	29076	28617	3.90	cps
Molybdenum	95-1	2047	1997	2027	2023	1.24	cps
Molybdenum	96-1	7595	7642	7896	7711	2.09	cps
Molybdenum	97-1	1247	1230	1197	1225	2.08	cps
Molybdenum	98-1	2957	2974	3074	3001	2.10	cps
Neodymium	150-1	37898	39338	39783	39006	2.53	cps
Neodymium	150-2	19384	19547	19897	19609	1.34	cps
Nickel	60-2	31901	31874	31714	31829	0.32	cps
Phosphorus	31-2	5431	5538	5311	5427	2.09	cps
Potassium	39-2	1109169	1109435	1103176	1107260	0.32	cps
Rhodium	103-1	6639695	6665573	6700436	6668568	0.46	cps
Rhodium	103-2	3898166	3826617	3884235	3869673	0.98	cps
Scandium	45-1	3621708	3654599	3698056	3658121	1.05	cps
Scandium	45-2	330019	332165	331093	331092	0.32	cps
Selenium	82-1	410	363	306	360	14.56	cps
Selenium	77-2	40	63	63	56	24.25	cps
Selenium	78-2	227	263	237	242	7.83	cps
Silicon	28-1	5275486	5369103	5403686	5349425	1.24	cps
Silver	107-1	1457	1490	1597	1515	4.83	cps
Silver	109-1	1330	1330	1397	1352	2.85	cps
Sodium	23-2	45056	44825	44477	44786	0.65	cps
Strontium	86-1	64316	65545	67186	65682	2.19	cps
Strontium	88-1	566548	579584	582282	576138	1.46	cps
Sulfur	34-1	119275	118865	118516	118885	0.32	cps
Terbium	159-1	10426267	10458714	10570756	10485246	0.72	cps
Terbium	159-2	5980493	6136999	6015794	6044429	1.36	cps
Thallium	203-1	1267	1323	1280	1290	2.30	cps
Thallium	205-1	2900	3174	3170	3081	5.09	cps
Tin	118-1	7799	8056	7996	7950	1.69	cps
Titanium	47-1	337364	344439	348134	343313	1.59	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 20:53:54	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10895	11078	11432	11135	2.45	cps
Vanadium	51-2	129197	129442	129070	129236	0.15	cps
Yttrium	89-1	11814255	11867399	11672020	11784558	0.86	cps
Yttrium	89-2	2875200	2843427	2861751	2860126	0.56	cps
Zinc	66-2	41631	41264	41939	41611	0.81	cps
Zirconium	90-1	73399	74702	75563	74555	1.46	cps
Zirconium	91-1	16473	16596	16893	16654	1.30	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:57:03	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	389785	385121	386626	387177	0.61	cps
Antimony	121-1	1217	1110	1370	1232	10.61	cps
Arsenic	75-2	2084	2027	2097	2069	1.80	cps
Barium	135-1	54798	54340	55467	54868	1.03	cps
Barium	137-1	93350	95447	94803	94534	1.14	cps
Beryllium	9-1	111	144	144	133	14.44	cps
Bismuth	209-1	6626749	6686417	6645792	6652986	0.46	cps
Bismuth	209-2	4545091	4434267	4498347	4492568	1.24	cps
Bromine	81-1	9213	8756	8746	8905	3.00	cps
Bromine	81-2	87	90	63	80	18.17	cps
Cadmium	108-1	23	30	20	24	20.83	cps
Cadmium	106-1	2464	2360	2364	2396	2.45	cps
Cadmium	111-1	1908	1781	1877	1855	3.57	cps
Calcium	43-1	11171	10974	11228	11124	1.20	cps
Calcium	44-1	181295	184908	184810	183671	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16829	16603	16549	16660	0.89	cps
Cobalt	59-2	11525	11464	11881	11623	1.94	cps
Copper	63-2	36695	36240	36454	36463	0.62	cps
Dysprosium	156-1	3844	3974	4031	3949	2.42	cps
Dysprosium	156-2	2914	2854	2890	2886	1.05	cps
Erbium	164-1	2944	2974	2994	2970	0.85	cps
Erbium	164-2	1817	1763	1667	1749	4.35	cps
Gadolinium	160-1	3684	3474	3494	3550	3.27	cps
Gadolinium	160-2	2287	2397	2517	2400	4.79	cps
Holmium	165-1	10206025	10213460	10155661	10191715	0.31	cps
Holmium	165-2	6110950	6026786	5991329	6043022	1.02	cps
Indium	115-1	7422878	7364264	7360984	7382709	0.47	cps
Indium	115-2	2311606	2270558	2286156	2289440	0.91	cps
Iron	56-2	12933262	12899068	12866943	12899758	0.26	cps
Iron	57-2	328773	329703	326761	328413	0.46	cps
Iron	54-2	728682	723139	722879	724900	0.45	cps
Krypton	83-1	177	167	160	168	5.00	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:57:03	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21086	21477	21497	21354	1.08	cps
Lead	207-1	18603	18720	19053	18792	1.24	cps
Lead	208-1	84232	85057	85708	84999	0.87	cps
Lithium	6-1	1081543	1094901	1093797	1090080	0.68	cps
Magnesium	24-2	282619	281368	284262	282750	0.51	cps
Manganese	55-2	274613	274057	272557	273742	0.39	cps
Molybdenum	94-1	5488	5618	5551	5552	1.17	cps
Molybdenum	95-1	693	700	647	680	4.27	cps
Molybdenum	96-1	1810	1963	1840	1871	4.34	cps
Molybdenum	97-1	327	473	413	404	18.23	cps
Molybdenum	98-1	933	997	1063	998	6.52	cps
Neodymium	150-1	7095	7045	7149	7096	0.73	cps
Neodymium	150-2	3510	3600	3677	3596	2.32	cps
Nickel	60-2	5808	5951	5975	5911	1.53	cps
Phosphorus	31-2	1043	1070	1017	1043	2.56	cps
Potassium	39-2	228682	229027	230651	229453	0.46	cps
Rhodium	103-1	6733420	6689873	6707243	6710179	0.33	cps
Rhodium	103-2	3812897	3777052	3793597	3794516	0.47	cps
Scandium	45-1	3608843	3604050	3521578	3578157	1.37	cps
Scandium	45-2	322658	320354	321566	321526	0.36	cps
Selenium	82-1	348	383	366	366	4.75	cps
Selenium	77-2	20	23	13	19	26.96	cps
Selenium	78-2	220	207	247	224	9.07	cps
Silicon	28-1	1166410	1170281	1168146	1168279	0.17	cps
Silver	107-1	477	473	397	449	10.08	cps
Silver	109-1	387	327	353	356	8.45	cps
Sodium	23-2	22940	22713	22757	22804	0.53	cps
Strontium	86-1	12652	12802	12405	12620	1.59	cps
Strontium	88-1	107281	108355	109476	108371	1.01	cps
Sulfur	34-1	117145	117464	118267	117625	0.49	cps
Terbium	159-1	10359214	10461511	10312854	10377860	0.73	cps
Terbium	159-2	5945568	5941156	6006124	5964282	0.61	cps
Thallium	203-1	390	383	397	390	1.71	cps
Thallium	205-1	1030	1100	1087	1072	3.47	cps
Tin	118-1	2857	3114	3027	2999	4.35	cps
Titanium	47-1	63553	65266	65454	64758	1.62	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4M3L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 20:57:03	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2174	2164	2230	2189	1.64	cps
Vanadium	51-2	23605	23305	23625	23512	0.76	cps
Yttrium	89-1	11459931	11377916	11528676	11455508	0.66	cps
Yttrium	89-2	2776980	2756489	2737611	2757027	0.71	cps
Zinc	66-2	8152	8186	7802	8047	2.64	cps
Zirconium	90-1	14287	13910	14104	14100	1.34	cps
Zirconium	91-1	3084	3124	3287	3165	3.40	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:00:20	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2044212	2031969	2018542	2031574	0.63	cps
Antimony	121-1	137752	138836	139956	138848	0.79	cps
Arsenic	75-2	13089	12812	12879	12927	1.12	cps
Barium	135-1	955240	967412	972538	965063	0.92	cps
Barium	137-1	1853591	1821264	1841010	1838622	0.89	cps
Beryllium	9-1	9420	9892	9642	9651	2.45	cps
Bismuth	209-1	6693847	6679028	6629954	6667610	0.50	cps
Bismuth	209-2	4389792	4372976	4428419	4397062	0.65	cps
Bromine	81-1	9423	9823	9243	9496	3.13	cps
Bromine	81-2	200	203	210	204	2.49	cps
Cadmium	108-1	1173	1237	1183	1198	2.84	cps
Cadmium	106-1	4007	4204	4034	4082	2.61	cps
Cadmium	111-1	19301	18850	18775	18975	1.50	cps
Calcium	43-1	55989	57880	57465	57111	1.74	cps
Calcium	44-1	919328	928262	934504	927365	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184325	184433	182702	183820	0.53	cps
Cobalt	59-2	440636	433222	434816	436225	0.89	cps
Copper	63-2	318293	317241	315774	317103	0.40	cps
Dysprosium	156-1	20071	20679	20912	20554	2.11	cps
Dysprosium	156-2	14661	14935	15001	14866	1.21	cps
Erbium	164-1	15335	15372	15439	15382	0.34	cps
Erbium	164-2	9720	9303	9310	9444	2.53	cps
Gadolinium	160-1	18479	18649	19026	18718	1.50	cps
Gadolinium	160-2	12025	12059	11865	11983	0.86	cps
Holmium	165-1	10217196	9982854	10193329	10131126	1.27	cps
Holmium	165-2	6013881	5870432	6066666	5983660	1.70	cps
Indium	115-1	7427853	7323029	7314759	7355214	0.86	cps
Indium	115-2	2262785	2268208	2294478	2275157	0.75	cps
Iron	56-2	68863812	68322664	68120751	68435742	0.56	cps
Iron	57-2	1717142	1687268	1688423	1697611	1.00	cps
Iron	54-2	3748681	3772139	3724386	3748402	0.64	cps
Krypton	83-1	167	173	187	176	5.80	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:00:20	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	129974	132421	134128	132174	1.58	cps
Lead	207-1	113156	114894	114954	114335	0.89	cps
Lead	208-1	515588	523928	524274	521264	0.94	cps
Lithium	6-1	1080486	1092422	1083043	1085317	0.58	cps
Magnesium	24-2	1455473	1455073	1425995	1445514	1.17	cps
Manganese	55-2	1648713	1626475	1657787	1644325	0.98	cps
Molybdenum	94-1	25472	25679	26133	25762	1.31	cps
Molybdenum	95-1	1993	1857	1847	1899	4.32	cps
Molybdenum	96-1	7222	7219	7319	7253	0.78	cps
Molybdenum	97-1	1140	1183	1287	1203	6.26	cps
Molybdenum	98-1	2987	3127	3174	3096	3.14	cps
Neodymium	150-1	37436	37777	37884	37699	0.62	cps
Neodymium	150-2	19734	19280	19143	19386	1.60	cps
Nickel	60-2	125795	126310	127601	126568	0.73	cps
Phosphorus	31-2	5258	5438	5254	5317	1.97	cps
Potassium	39-2	1074912	1078959	1069760	1074544	0.43	cps
Rhodium	103-1	6670591	6592043	6585796	6616143	0.71	cps
Rhodium	103-2	3768631	3797878	3775719	3780743	0.40	cps
Scandium	45-1	3588467	3646527	3649680	3628225	0.95	cps
Scandium	45-2	329641	327183	325095	327306	0.70	cps
Selenium	82-1	1472	1523	1457	1484	2.35	cps
Selenium	77-2	177	137	130	148	17.08	cps
Selenium	78-2	577	653	540	590	9.80	cps
Silicon	28-1	4068246	4160051	4153985	4127427	1.24	cps
Silver	107-1	68621	70989	70470	70027	1.78	cps
Silver	109-1	65584	66013	68055	66551	1.98	cps
Sodium	23-2	41048	40714	41556	41106	1.03	cps
Strontium	86-1	63031	63138	63928	63365	0.77	cps
Strontium	88-1	543821	556789	560816	553809	1.60	cps
Sulfur	34-1	119079	119647	118381	119036	0.53	cps
Terbium	159-1	10433759	10279844	10353581	10355728	0.74	cps
Terbium	159-2	5920970	6036467	5973640	5977026	0.97	cps
Thallium	203-1	66494	66957	66595	66682	0.36	cps
Thallium	205-1	157183	159776	160704	159221	1.15	cps
Tin	118-1	7826	7789	8016	7877	1.54	cps
Titanium	47-1	314985	320447	324319	319917	1.47	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:00:20	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11005	10828	11015	10949	0.96	cps
Vanadium	51-2	344100	341157	344779	343345	0.56	cps
Yttrium	89-1	11598889	11693424	11622870	11638394	0.42	cps
Yttrium	89-2	2852508	2768927	2794375	2805270	1.53	cps
Zinc	66-2	83049	82694	82483	82742	0.35	cps
Zirconium	90-1	66988	67641	67018	67216	0.55	cps
Zirconium	91-1	15883	15535	15018	15479	2.81	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:03:28	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2164281	2178894	2149928	2164368	0.67	cps
Antimony	121-1	632462	637759	638345	636189	0.51	cps
Arsenic	75-2	21996	21916	21442	21785	1.37	cps
Barium	135-1	3824035	3875570	3862285	3853963	0.69	cps
Barium	137-1	6593165	6656234	6693802	6647734	0.76	cps
Beryllium	9-1	42185	43283	44313	43260	2.46	cps
Bismuth	209-1	6692889	6689539	6698134	6693521	0.06	cps
Bismuth	209-2	4414142	4390749	4412852	4405914	0.30	cps
Bromine	81-1	9476	9216	9310	9334	1.41	cps
Bromine	81-2	193	193	220	202	7.61	cps
Cadmium	108-1	5214	5308	5321	5281	1.10	cps
Cadmium	106-1	9173	9930	9453	9519	4.02	cps
Cadmium	111-1	80016	82354	81890	81420	1.52	cps
Calcium	43-1	54782	55304	54514	54866	0.73	cps
Calcium	44-1	880312	897710	900576	892866	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	554585	554064	550577	553076	0.39	cps
Cobalt	59-2	1891075	1900350	1864904	1885443	0.97	cps
Copper	63-2	780077	782415	783610	782034	0.23	cps
Dysprosium	156-1	19487	19620	19734	19614	0.63	cps
Dysprosium	156-2	14244	14745	14271	14420	1.95	cps
Erbium	164-1	15001	15098	15025	15042	0.34	cps
Erbium	164-2	8856	8900	9106	8954	1.49	cps
Gadolinium	160-1	17958	19277	18342	18526	3.66	cps
Gadolinium	160-2	11285	11742	11852	11626	2.59	cps
Holmium	165-1	10184484	10179870	10078951	10147768	0.59	cps
Holmium	165-2	5940889	5881050	5932882	5918274	0.55	cps
Indium	115-1	7282987	7357349	7289162	7309833	0.56	cps
Indium	115-2	2238732	2201128	2218807	2219555	0.85	cps
Iron	56-2	67646981	66995697	67540004	67394227	0.52	cps
Iron	57-2	1690958	1669601	1680039	1680199	0.64	cps
Iron	54-2	3694249	3703209	3720293	3705917	0.36	cps
Krypton	83-1	187	213	203	201	6.70	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:03:28	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	211185	209385	211162	210577	0.49	cps
Lead	207-1	180252	183407	184536	182732	1.21	cps
Lead	208-1	832347	845639	843431	840472	0.85	cps
Lithium	6-1	1088357	1057556	1072477	1072797	1.44	cps
Magnesium	24-2	1405300	1385461	1377473	1389411	1.03	cps
Manganese	55-2	2271002	2282966	2263062	2272343	0.44	cps
Molybdenum	94-1	25095	25469	25896	25487	1.57	cps
Molybdenum	95-1	1787	1847	1990	1875	5.57	cps
Molybdenum	96-1	7115	7035	7189	7113	1.08	cps
Molybdenum	97-1	1120	1187	1237	1181	4.96	cps
Molybdenum	98-1	2920	2940	2984	2948	1.10	cps
Neodymium	150-1	36674	37169	37680	37175	1.35	cps
Neodymium	150-2	18442	18359	18883	18561	1.52	cps
Nickel	60-2	479047	476483	477924	477818	0.27	cps
Phosphorus	31-2	5124	4791	4984	4966	3.37	cps
Potassium	39-2	1034206	1024470	1025858	1028178	0.51	cps
Rhodium	103-1	6560339	6558882	6468526	6529249	0.81	cps
Rhodium	103-2	3737997	3697784	3723663	3719815	0.55	cps
Scandium	45-1	3565316	3566885	3505630	3545944	0.98	cps
Scandium	45-2	321436	321362	317961	320253	0.62	cps
Selenium	82-1	10547	10626	10415	10530	1.01	cps
Selenium	77-2	1073	913	927	971	9.14	cps
Selenium	78-2	3280	3547	3174	3334	5.77	cps
Silicon	28-1	4004000	4095897	4084338	4061412	1.23	cps
Silver	107-1	324300	329430	330963	328231	1.06	cps
Silver	109-1	308897	313173	313565	311878	0.83	cps
Sodium	23-2	39828	39607	39942	39792	0.43	cps
Strontium	86-1	60105	62408	61558	61357	1.90	cps
Strontium	88-1	530263	540321	538059	536215	0.98	cps
Sulfur	34-1	115886	117205	116087	116393	0.61	cps
Terbium	159-1	10380432	10415433	10264616	10353494	0.76	cps
Terbium	159-2	5905347	5913215	5856659	5891740	0.52	cps
Thallium	203-1	313324	317710	319280	316771	0.97	cps
Thallium	205-1	746833	764988	765504	759108	1.40	cps
Tin	118-1	7419	8026	8192	7879	5.17	cps
Titanium	47-1	306421	312541	310439	309800	1.00	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4M3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:03:28	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10431	10471	10548	10483	0.57	cps
Vanadium	51-2	1146561	1143971	1142991	1144508	0.16	cps
Yttrium	89-1	11575528	11480553	11473038	11509706	0.50	cps
Yttrium	89-2	2766596	2746398	2730878	2747957	0.65	cps
Zinc	66-2	239148	238623	241841	239871	0.72	cps
Zirconium	90-1	64963	66064	66496	65841	1.20	cps
Zirconium	91-1	14881	14851	14801	14844	0.27	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:06:35	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2551754	2558550	2554818	2555041	0.13	cps
Antimony	121-1	7629	7649	7682	7653	0.35	cps
Arsenic	75-2	20775	20865	20684	20775	0.43	cps
Barium	135-1	428400	437388	439610	435133	1.36	cps
Barium	137-1	742950	763229	765539	757239	1.64	cps
Beryllium	9-1	622	628	622	624	0.51	cps
Bismuth	209-1	6640734	6763754	6344850	6583113	3.27	cps
Bismuth	209-2	4435328	4403882	4374474	4404561	0.69	cps
Bromine	81-1	8776	8619	9106	8834	2.81	cps
Bromine	81-2	210	187	180	192	8.19	cps
Cadmium	108-1	163	197	253	204	22.26	cps
Cadmium	106-1	2760	2807	2557	2708	4.91	cps
Cadmium	111-1	3311	3114	3153	3193	3.28	cps
Calcium	43-1	70982	72251	74099	72444	2.16	cps
Calcium	44-1	1151420	1178783	1203740	1177981	2.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106979	107660	107570	107403	0.34	cps
Cobalt	59-2	84047	82605	82844	83165	0.93	cps
Copper	63-2	377719	380256	381463	379812	0.50	cps
Dysprosium	156-1	25613	25994	26268	25958	1.27	cps
Dysprosium	156-2	19243	19557	19427	19409	0.81	cps
Erbium	164-1	18232	18729	18365	18442	1.40	cps
Erbium	164-2	11298	10844	11355	11166	2.51	cps
Gadolinium	160-1	22685	22939	22628	22751	0.73	cps
Gadolinium	160-2	14715	14541	14848	14701	1.05	cps
Holmium	165-1	10117287	10213021	9660061	9996790	2.96	cps
Holmium	165-2	6017274	5991138	5884729	5964381	1.18	cps
Indium	115-1	7234861	7216607	6916682	7122717	2.51	cps
Indium	115-2	2251209	2255161	2240173	2248848	0.35	cps
Iron	56-2	95395132	95373415	96167885	95645477	0.47	cps
Iron	57-2	2364855	2375068	2416623	2385515	1.15	cps
Iron	54-2	5198191	5156157	5233546	5195965	0.75	cps
Krypton	83-1	163	120	223	169	30.73	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:06:35	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	189296	192426	193128	191617	1.06	cps
Lead	207-1	166163	169449	169094	168236	1.07	cps
Lead	208-1	754952	766461	768680	763364	0.97	cps
Lithium	6-1	1067341	1067044	1030444	1054943	2.01	cps
Magnesium	24-2	2116031	2085359	2128224	2109871	1.05	cps
Manganese	55-2	1775961	1799684	1809343	1794996	0.96	cps
Molybdenum	94-1	46366	47614	48674	47551	2.43	cps
Molybdenum	95-1	2060	2017	2074	2050	1.45	cps
Molybdenum	96-1	10954	11521	11685	11387	3.37	cps
Molybdenum	97-1	1163	1283	1337	1261	7.04	cps
Molybdenum	98-1	3144	3354	3270	3256	3.25	cps
Neodymium	150-1	50674	51075	51979	51243	1.30	cps
Neodymium	150-2	26308	26435	26064	26269	0.72	cps
Nickel	60-2	51164	51274	50230	50889	1.13	cps
Phosphorus	31-2	7192	6858	7045	7032	2.38	cps
Potassium	39-2	875463	880019	878160	877881	0.26	cps
Rhodium	103-1	6388538	6491545	6235949	6372011	2.02	cps
Rhodium	103-2	3817476	3765157	3736120	3772918	1.09	cps
Scandium	45-1	3513982	3553025	3403636	3490215	2.22	cps
Scandium	45-2	326563	324518	326141	325741	0.33	cps
Selenium	82-1	424	476	377	426	11.70	cps
Selenium	77-2	73	80	70	74	6.84	cps
Selenium	78-2	227	267	260	251	8.53	cps
Silicon	28-1	6619431	6699010	6815158	6711200	1.47	cps
Silver	107-1	2727	2394	2450	2524	7.07	cps
Silver	109-1	2477	2340	2244	2354	4.98	cps
Sodium	23-2	37696	37569	38525	37930	1.37	cps
Strontium	86-1	113577	116869	119043	116496	2.36	cps
Strontium	88-1	999384	1020259	1036462	1018702	1.82	cps
Sulfur	34-1	114397	115744	118391	116178	1.75	cps
Terbium	159-1	10141157	10328758	9762613	10077509	2.86	cps
Terbium	159-2	5850500	6040467	5862424	5917797	1.80	cps
Thallium	203-1	1607	1643	1703	1651	2.96	cps
Thallium	205-1	4004	3961	4117	4027	2.01	cps
Tin	118-1	7159	7035	7215	7136	1.29	cps
Titanium	47-1	391795	400536	404913	399081	1.67	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:06:35	DataFile Name :	119SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13654	13777	14058	13829	1.50	cps
Vanadium	51-2	182171	181345	180107	181208	0.57	cps
Yttrium	89-1	11275621	11465930	10933050	11224867	2.41	cps
Yttrium	89-2	2844063	2792891	2778154	2805036	1.23	cps
Zinc	66-2	58962	59180	57932	58691	1.14	cps
Zirconium	90-1	123127	125958	127120	125402	1.64	cps
Zirconium	91-1	28161	27796	28387	28115	1.06	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:09:44	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2434694	2421471	2410958	2422374	0.49	cps
Antimony	121-1	7052	6898	7142	7031	1.75	cps
Arsenic	75-2	19780	19716	19192	19563	1.65	cps
Barium	135-1	415215	419942	424472	419876	1.10	cps
Barium	137-1	722736	734563	731024	729441	0.83	cps
Beryllium	9-1	611	606	583	600	2.45	cps
Bismuth	209-1	6649247	6642483	6521523	6604418	1.09	cps
Bismuth	209-2	4337242	4486859	4262735	4362278	2.62	cps
Bromine	81-1	9243	9220	9073	9178	1.00	cps
Bromine	81-2	163	207	197	189	12.01	cps
Cadmium	108-1	170	187	203	187	8.93	cps
Cadmium	106-1	2780	2830	2720	2777	1.98	cps
Cadmium	111-1	3251	3211	3145	3202	1.66	cps
Calcium	43-1	69267	69936	70466	69890	0.86	cps
Calcium	44-1	1134390	1148611	1153820	1145607	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101938	102592	103640	102723	0.84	cps
Cobalt	59-2	79331	80129	78822	79428	0.83	cps
Copper	63-2	364986	363532	362945	363821	0.29	cps
Dysprosium	156-1	25126	25597	25233	25318	0.98	cps
Dysprosium	156-2	18355	18763	18379	18499	1.24	cps
Erbium	164-1	17825	17852	18312	17996	1.52	cps
Erbium	164-2	10467	10794	10494	10585	1.71	cps
Gadolinium	160-1	21917	21931	22031	21959	0.28	cps
Gadolinium	160-2	13770	14004	14564	14113	2.89	cps
Holmium	165-1	10001879	10038442	10103790	10048037	0.51	cps
Holmium	165-2	5911512	6010697	5806285	5909498	1.73	cps
Indium	115-1	7182899	7288805	7148588	7206764	1.01	cps
Indium	115-2	2229336	2257055	2199394	2228595	1.29	cps
Iron	56-2	92027092	91309215	90512445	91282918	0.83	cps
Iron	57-2	2292709	2232630	2229717	2251685	1.58	cps
Iron	54-2	5047278	4903454	4969007	4973246	1.45	cps
Krypton	83-1	247	157	190	198	23.01	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:09:44	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	183977	184969	184707	184551	0.28	cps
Lead	207-1	161639	164162	163645	163148	0.82	cps
Lead	208-1	734192	736315	734837	735115	0.15	cps
Lithium	6-1	1054828	1068795	1055260	1059628	0.75	cps
Magnesium	24-2	2046880	2013371	2008817	2023023	1.03	cps
Manganese	55-2	1754746	1743349	1720232	1739442	1.01	cps
Molybdenum	94-1	46320	46651	46413	46461	0.37	cps
Molybdenum	95-1	1950	2077	2020	2016	3.15	cps
Molybdenum	96-1	11104	11204	11221	11177	0.56	cps
Molybdenum	97-1	1273	1270	1287	1277	0.69	cps
Molybdenum	98-1	3157	3134	3160	3150	0.46	cps
Neodymium	150-1	48958	49941	50490	49796	1.56	cps
Neodymium	150-2	25149	24495	24405	24683	1.65	cps
Nickel	60-2	48525	48826	47900	48417	0.98	cps
Phosphorus	31-2	6928	6922	7035	6962	0.91	cps
Potassium	39-2	850470	854551	842290	849103	0.74	cps
Rhodium	103-1	6452244	6509002	6527336	6496194	0.60	cps
Rhodium	103-2	3725418	3765473	3709855	3733582	0.77	cps
Scandium	45-1	3522531	3578110	3550293	3550311	0.78	cps
Scandium	45-2	327198	321075	320368	322880	1.16	cps
Selenium	82-1	311	404	351	355	13.06	cps
Selenium	77-2	63	120	80	88	33.18	cps
Selenium	78-2	237	277	247	253	8.22	cps
Silicon	28-1	6563050	6682318	6738593	6661320	1.35	cps
Silver	107-1	2184	2287	2204	2225	2.46	cps
Silver	109-1	2007	2040	2047	2031	1.06	cps
Sodium	23-2	37185	36827	36386	36799	1.09	cps
Strontium	86-1	111082	111982	113312	112125	1.00	cps
Strontium	88-1	974441	987284	987206	982977	0.75	cps
Sulfur	34-1	117414	117300	118404	117706	0.52	cps
Terbium	159-1	10270775	10257574	10135787	10221379	0.73	cps
Terbium	159-2	5891697	5885745	5909835	5895759	0.21	cps
Thallium	203-1	1463	1647	1583	1565	5.95	cps
Thallium	205-1	3714	3684	3721	3706	0.53	cps
Tin	118-1	7048	7439	7095	7194	2.96	cps
Titanium	47-1	386954	395535	394916	392469	1.22	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:09:44	DataFile Name :	120SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12589	13250	13343	13061	3.15	cps
Vanadium	51-2	173309	172310	171378	172332	0.56	cps
Yttrium	89-1	11376856	11500523	11465082	11447487	0.56	cps
Yttrium	89-2	2762325	2811916	2782996	2785746	0.89	cps
Zinc	66-2	55981	57239	56279	56500	1.16	cps
Zirconium	90-1	120180	122932	122505	121872	1.22	cps
Zirconium	91-1	26547	27870	27730	27382	2.65	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:12:55	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	498213	501276	497775	499088	0.38	cps
Antimony	121-1	1607	1707	1687	1667	3.18	cps
Arsenic	75-2	4124	4011	3894	4009	2.87	cps
Barium	135-1	83848	86145	85682	85225	1.43	cps
Barium	137-1	147826	149210	148253	148430	0.48	cps
Beryllium	9-1	183	150	139	157	14.70	cps
Bismuth	209-1	6540150	6578091	6541170	6553137	0.33	cps
Bismuth	209-2	4396015	4293724	4316430	4335389	1.24	cps
Bromine	81-1	8649	8446	8823	8639	2.18	cps
Bromine	81-2	87	80	90	86	5.95	cps
Cadmium	108-1	27	53	37	39	34.63	cps
Cadmium	106-1	2440	2450	2220	2370	5.49	cps
Cadmium	111-1	1943	1978	1808	1910	4.68	cps
Calcium	43-1	14437	14594	14527	14519	0.54	cps
Calcium	44-1	235900	240940	240896	239245	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21455	21989	21659	21701	1.24	cps
Cobalt	59-2	16653	16800	16753	16735	0.45	cps
Copper	63-2	75502	75720	75609	75611	0.14	cps
Dysprosium	156-1	5191	5301	5108	5200	1.87	cps
Dysprosium	156-2	3794	3747	3901	3814	2.06	cps
Erbium	164-1	3687	3754	3721	3721	0.90	cps
Erbium	164-2	2124	2034	2127	2095	2.53	cps
Gadolinium	160-1	4407	4557	4514	4493	1.72	cps
Gadolinium	160-2	3020	3077	2944	3014	2.22	cps
Holmium	165-1	9972942	10324368	9908528	10068613	2.22	cps
Holmium	165-2	5939649	5858822	5906232	5901568	0.69	cps
Indium	115-1	7274477	7373901	7263841	7304073	0.83	cps
Indium	115-2	2232939	2230536	2214588	2226021	0.45	cps
Iron	56-2	18778506	18608131	18812855	18733164	0.59	cps
Iron	57-2	471559	475723	472387	473223	0.47	cps
Iron	54-2	1046351	1049247	1048699	1048099	0.15	cps
Krypton	83-1	193	107	143	148	29.44	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:12:55	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	37304	38534	37782	37874	1.64	cps
Lead	207-1	32766	33488	33351	33202	1.15	cps
Lead	208-1	149045	151610	150648	150434	0.86	cps
Lithium	6-1	1061983	1062261	1075347	1066530	0.72	cps
Magnesium	24-2	425164	420087	420637	421963	0.66	cps
Manganese	55-2	346475	349694	346450	347540	0.54	cps
Molybdenum	94-1	9677	9570	9587	9611	0.60	cps
Molybdenum	95-1	650	620	623	631	2.61	cps
Molybdenum	96-1	2434	2624	2554	2537	3.79	cps
Molybdenum	97-1	397	363	337	366	8.22	cps
Molybdenum	98-1	980	850	980	937	8.01	cps
Neodymium	150-1	9830	10254	10284	10123	2.51	cps
Neodymium	150-2	4844	5141	4834	4940	3.53	cps
Nickel	60-2	10110	10130	9883	10041	1.37	cps
Phosphorus	31-2	1520	1667	1517	1568	5.46	cps
Potassium	39-2	198213	197300	197883	197799	0.23	cps
Rhodium	103-1	6575322	6612184	6486281	6557929	0.99	cps
Rhodium	103-2	3810914	3753297	3739138	3767783	1.01	cps
Scandium	45-1	3503906	3517192	3508251	3509783	0.19	cps
Scandium	45-2	319667	317193	314914	317258	0.75	cps
Selenium	82-1	297	353	367	339	10.90	cps
Selenium	77-2	3	20	20	14	66.64	cps
Selenium	78-2	190	213	160	188	14.24	cps
Silicon	28-1	1476487	1487651	1477549	1480562	0.42	cps
Silver	107-1	573	527	560	553	4.34	cps
Silver	109-1	497	490	510	499	2.04	cps
Sodium	23-2	20747	21028	20794	20856	0.72	cps
Strontium	86-1	22708	24213	23248	23390	3.26	cps
Strontium	88-1	199947	203606	203788	202447	1.07	cps
Sulfur	34-1	117796	118183	117232	117737	0.41	cps
Terbium	159-1	10218312	10151128	10303691	10224377	0.75	cps
Terbium	159-2	5905723	5766867	5794432	5822341	1.26	cps
Thallium	203-1	450	510	457	472	6.96	cps
Thallium	205-1	1160	1207	1133	1167	3.18	cps
Tin	118-1	2887	2937	2947	2924	1.10	cps
Titanium	47-1	78562	79269	79336	79056	0.54	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4R9L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:12:55	DataFile Name :	121SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2690	2794	2774	2753	1.99	cps
Vanadium	51-2	35261	35652	34536	35150	1.61	cps
Yttrium	89-1	11330102	11392799	11331944	11351615	0.31	cps
Yttrium	89-2	2748762	2760630	2708137	2739176	1.00	cps
Zinc	66-2	11551	11838	11688	11692	1.23	cps
Zirconium	90-1	25085	25312	24828	25075	0.97	cps
Zirconium	91-1	5261	5594	5761	5539	4.60	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:16:08	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2522067	2514550	2540220	2525612	0.52	cps
Antimony	121-1	138136	139048	140559	139247	0.88	cps
Arsenic	75-2	22741	23178	23005	22975	0.96	cps
Barium	135-1	1093700	1106823	1110743	1103755	0.81	cps
Barium	137-1	2061065	2098829	2092818	2084237	0.97	cps
Beryllium	9-1	9648	9403	9842	9631	2.29	cps
Bismuth	209-1	6693868	6579006	6505623	6592832	1.44	cps
Bismuth	209-2	4421260	4430583	4279010	4376951	1.94	cps
Bromine	81-1	9343	9116	8926	9128	2.29	cps
Bromine	81-2	233	137	213	194	26.24	cps
Cadmium	108-1	1257	1273	1260	1263	0.70	cps
Cadmium	106-1	4434	4321	4044	4266	4.70	cps
Cadmium	111-1	19661	19954	19630	19748	0.91	cps
Calcium	43-1	71638	72211	73289	72379	1.16	cps
Calcium	44-1	1152092	1165623	1181134	1166283	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	207433	205490	204706	205876	0.68	cps
Cobalt	59-2	456536	461205	457556	458432	0.54	cps
Copper	63-2	497279	495682	503638	498867	0.84	cps
Dysprosium	156-1	25510	25490	26238	25746	1.66	cps
Dysprosium	156-2	19237	19460	18652	19116	2.18	cps
Erbium	164-1	18569	18766	18139	18491	1.74	cps
Erbium	164-2	10391	11231	10901	10841	3.91	cps
Gadolinium	160-1	22234	22411	22902	22516	1.54	cps
Gadolinium	160-2	14374	14174	14504	14351	1.16	cps
Holmium	165-1	10285880	10081086	10108975	10158647	1.09	cps
Holmium	165-2	5968701	6080048	5831791	5960180	2.09	cps
Indium	115-1	7369493	7330124	7223277	7307631	1.04	cps
Indium	115-2	2255126	2283333	2200744	2246401	1.87	cps
Iron	56-2	93649205	93308599	94313319	93757041	0.54	cps
Iron	57-2	2328499	2321614	2354076	2334729	0.73	cps
Iron	54-2	5086314	5103794	5150863	5113657	0.65	cps
Krypton	83-1	187	123	213	174	26.50	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:16:08	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	208827	210308	210576	209904	0.45	cps
Lead	207-1	182062	183338	186856	184085	1.35	cps
Lead	208-1	823510	835517	839434	832820	1.00	cps
Lithium	6-1	1085237	1072853	1078433	1078841	0.57	cps
Magnesium	24-2	2072594	2052332	2015805	2046910	1.41	cps
Manganese	55-2	1946293	1936621	1960812	1947909	0.63	cps
Molybdenum	94-1	47129	47386	46931	47149	0.48	cps
Molybdenum	95-1	2210	1980	2184	2125	5.92	cps
Molybdenum	96-1	11124	11218	11698	11347	2.71	cps
Molybdenum	97-1	1217	1373	1313	1301	6.08	cps
Molybdenum	98-1	3140	3267	3200	3203	1.98	cps
Neodymium	150-1	50788	50654	51005	50816	0.35	cps
Neodymium	150-2	25423	25099	25767	25430	1.31	cps
Nickel	60-2	146646	146687	145619	146317	0.41	cps
Phosphorus	31-2	7132	6932	7268	7111	2.38	cps
Potassium	39-2	866036	865631	855335	862334	0.70	cps
Rhodium	103-1	6630361	6592990	6524968	6582773	0.81	cps
Rhodium	103-2	3732453	3790176	3738050	3753560	0.85	cps
Scandium	45-1	3634110	3569688	3571650	3591816	1.02	cps
Scandium	45-2	323267	324196	324947	324137	0.26	cps
Selenium	82-1	2362	2378	2294	2345	1.89	cps
Selenium	77-2	220	260	260	247	9.36	cps
Selenium	78-2	907	923	867	899	3.24	cps
Silicon	28-1	6017465	6224204	6128640	6123436	1.69	cps
Silver	107-1	69170	71344	71646	70720	1.91	cps
Silver	109-1	65105	67188	67121	66471	1.78	cps
Sodium	23-2	36316	36176	35638	36043	0.99	cps
Strontium	86-1	112556	113167	114148	113290	0.71	cps
Strontium	88-1	983919	1006245	1012276	1000813	1.49	cps
Sulfur	34-1	118730	117904	120172	118935	0.97	cps
Terbium	159-1	10454076	10365730	10304761	10374856	0.72	cps
Terbium	159-2	6092629	6034947	5816514	5981363	2.44	cps
Thallium	203-1	65935	66220	67034	66396	0.86	cps
Thallium	205-1	156213	159874	160366	158818	1.43	cps
Tin	118-1	7048	7275	7209	7177	1.62	cps
Titanium	47-1	386262	391467	396869	391533	1.35	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:16:08	DataFile Name :	122SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13026	13394	13574	13331	2.09	cps
Vanadium	51-2	393428	397721	394189	395113	0.58	cps
Yttrium	89-1	11703206	11706156	11565551	11658305	0.69	cps
Yttrium	89-2	2788131	2812943	2778382	2793152	0.64	cps
Zinc	66-2	101542	100656	99424	100541	1.06	cps
Zirconium	90-1	122925	123672	124505	123701	0.64	cps
Zirconium	91-1	27185	27636	28277	27700	1.98	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:19:18	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2620049	2625428	2606063	2617180	0.38	cps
Antimony	121-1	629512	639678	638809	636000	0.89	cps
Arsenic	75-2	31042	31203	30612	30952	0.99	cps
Barium	135-1	3919569	4017369	3971619	3969519	1.23	cps
Barium	137-1	6751362	6883230	6896717	6843770	1.17	cps
Beryllium	9-1	43260	44269	43828	43786	1.15	cps
Bismuth	209-1	6422063	6529224	6594927	6515405	1.34	cps
Bismuth	209-2	4345025	4318969	4190600	4284865	1.93	cps
Bromine	81-1	8953	9070	9136	9053	1.03	cps
Bromine	81-2	133	190	217	180	23.64	cps
Cadmium	108-1	5018	5571	5521	5370	5.70	cps
Cadmium	106-1	9887	9513	9770	9723	1.97	cps
Cadmium	111-1	81276	82480	81479	81745	0.79	cps
Calcium	43-1	68537	68888	69850	69092	0.98	cps
Calcium	44-1	1120492	1128873	1129022	1126129	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	576378	575873	572914	575055	0.33	cps
Cobalt	59-2	1927174	1928415	1926754	1927447	0.04	cps
Copper	63-2	954645	956556	954298	955167	0.13	cps
Dysprosium	156-1	24381	25206	25406	24998	2.17	cps
Dysprosium	156-2	18632	18509	18466	18536	0.47	cps
Erbium	164-1	17878	17695	18058	17877	1.02	cps
Erbium	164-2	10471	10634	10821	10642	1.65	cps
Gadolinium	160-1	22107	22067	21997	22057	0.25	cps
Gadolinium	160-2	13817	13984	14835	14212	3.84	cps
Holmium	165-1	9968233	9981634	10054055	10001307	0.46	cps
Holmium	165-2	5992187	5872204	5855124	5906505	1.26	cps
Indium	115-1	7242204	7176438	7240304	7219649	0.52	cps
Indium	115-2	2244772	2182008	2186112	2204297	1.59	cps
Iron	56-2	91851999	92453449	91224385	91843278	0.67	cps
Iron	57-2	2294948	2286483	2290992	2290808	0.18	cps
Iron	54-2	5052359	5063540	4967820	5027907	1.04	cps
Krypton	83-1	207	197	210	204	3.39	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:19:18	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	282093	285649	287928	285224	1.03	cps
Lead	207-1	247051	249971	250846	249289	0.80	cps
Lead	208-1	1127850	1135463	1141029	1134781	0.58	cps
Lithium	6-1	1051855	1062093	1076800	1063583	1.18	cps
Magnesium	24-2	2000749	1959901	1969921	1976857	1.08	cps
Manganese	55-2	2589225	2589612	2511654	2563497	1.75	cps
Molybdenum	94-1	45012	46116	45811	45646	1.25	cps
Molybdenum	95-1	2074	2094	2023	2063	1.75	cps
Molybdenum	96-1	11121	10998	11388	11169	1.79	cps
Molybdenum	97-1	1237	1203	1390	1277	7.80	cps
Molybdenum	98-1	3107	3224	3210	3180	2.01	cps
Neodymium	150-1	48072	49701	48195	48656	1.86	cps
Neodymium	150-2	24405	24819	25373	24865	1.95	cps
Nickel	60-2	496406	497331	496090	496609	0.13	cps
Phosphorus	31-2	6892	6762	6878	6844	1.05	cps
Potassium	39-2	831019	832108	824825	829317	0.47	cps
Rhodium	103-1	6418943	6494896	6479263	6464367	0.62	cps
Rhodium	103-2	3702346	3644693	3631236	3659425	1.03	cps
Scandium	45-1	3525025	3542025	3507340	3524797	0.49	cps
Scandium	45-2	321211	317549	317582	318781	0.66	cps
Selenium	82-1	10375	10481	10835	10564	2.28	cps
Selenium	77-2	1027	1017	1037	1027	0.97	cps
Selenium	78-2	3294	3300	3460	3352	2.82	cps
Silicon	28-1	5858867	5860667	5913702	5877745	0.53	cps
Silver	107-1	326695	333439	331603	330579	1.05	cps
Silver	109-1	309152	314027	315148	312776	1.02	cps
Sodium	23-2	35601	35337	34980	35306	0.88	cps
Strontium	86-1	110494	110682	110907	110694	0.19	cps
Strontium	88-1	961793	974328	972447	969523	0.70	cps
Sulfur	34-1	117974	118048	117632	117885	0.19	cps
Terbium	159-1	10177059	10243867	10215477	10212134	0.33	cps
Terbium	159-2	5897931	5870423	5787485	5851946	0.98	cps
Thallium	203-1	310654	315435	315140	313743	0.85	cps
Thallium	205-1	738408	752891	748739	746680	1.00	cps
Tin	118-1	6848	7159	6928	6978	2.31	cps
Titanium	47-1	373303	380113	377839	377085	0.92	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4R9SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:19:18	DataFile Name :	123SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13200	13287	13340	13276	0.53	cps
Vanadium	51-2	1198695	1193980	1195106	1195927	0.21	cps
Yttrium	89-1	11339883	11407699	11428370	11391984	0.41	cps
Yttrium	89-2	2764118	2731873	2740334	2745441	0.61	cps
Zinc	66-2	257551	253518	255476	255515	0.79	cps
Zirconium	90-1	119001	120357	120072	119810	0.60	cps
Zirconium	91-1	25813	27092	27362	26756	3.09	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:22:23	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2579998	2528658	2528359	2545672	1.17	cps
Antimony	121-1	5708	5514	5468	5563	2.29	cps
Arsenic	75-2	31791	31216	30598	31202	1.91	cps
Barium	135-1	351302	351117	352509	351643	0.22	cps
Barium	137-1	598725	616264	613453	609481	1.55	cps
Beryllium	9-1	817	900	850	856	4.90	cps
Bismuth	209-1	6564708	6392447	6592513	6516556	1.66	cps
Bismuth	209-2	4440323	4400198	4266855	4369125	2.08	cps
Bromine	81-1	9553	9296	9120	9323	2.34	cps
Bromine	81-2	167	230	253	217	20.70	cps
Cadmium	108-1	237	307	247	263	14.38	cps
Cadmium	106-1	2777	2707	2704	2729	1.52	cps
Cadmium	111-1	4779	4607	4594	4660	2.21	cps
Calcium	43-1	69123	69836	70044	69668	0.69	cps
Calcium	44-1	1112206	1136894	1144341	1131147	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88937	87783	88390	88370	0.65	cps
Cobalt	59-2	65365	66804	66992	66387	1.34	cps
Copper	63-2	460293	461020	466192	462502	0.70	cps
Dysprosium	156-1	19928	20665	21129	20574	2.95	cps
Dysprosium	156-2	15208	15859	14738	15268	3.69	cps
Erbium	164-1	16089	16904	16663	16552	2.53	cps
Erbium	164-2	9390	9797	9463	9550	2.27	cps
Gadolinium	160-1	18666	18749	18576	18664	0.46	cps
Gadolinium	160-2	12125	12336	11892	12118	1.83	cps
Holmium	165-1	9996961	9728192	10037984	9921046	1.70	cps
Holmium	165-2	5991425	5982579	5839798	5937934	1.43	cps
Indium	115-1	7115276	6964985	7181109	7087123	1.56	cps
Indium	115-2	2263619	2216056	2185976	2221884	1.76	cps
Iron	56-2	87596115	87196515	87494472	87429034	0.24	cps
Iron	57-2	2162707	2176968	2172920	2170865	0.34	cps
Iron	54-2	4733373	4764133	4750792	4749433	0.32	cps
Krypton	83-1	167	167	153	162	4.74	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:22:23	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	295853	297533	300956	298114	0.87	cps
Lead	207-1	257105	266649	268128	263961	2.27	cps
Lead	208-1	1176992	1194644	1202915	1191517	1.11	cps
Lithium	6-1	1059526	1031424	1051912	1047621	1.39	cps
Magnesium	24-2	1446501	1447777	1452251	1448843	0.21	cps
Manganese	55-2	3181715	3180044	3213907	3191889	0.60	cps
Molybdenum	94-1	31768	32473	31865	32035	1.19	cps
Molybdenum	95-1	2107	1937	2210	2085	6.62	cps
Molybdenum	96-1	8359	8743	8479	8527	2.30	cps
Molybdenum	97-1	1277	1203	1157	1212	4.99	cps
Molybdenum	98-1	2977	2910	3157	3015	4.23	cps
Neodymium	150-1	37667	38369	38877	38304	1.59	cps
Neodymium	150-2	19020	19674	19554	19416	1.79	cps
Nickel	60-2	34727	35428	35823	35326	1.57	cps
Phosphorus	31-2	3841	3480	3557	3626	5.23	cps
Potassium	39-2	764747	751101	753490	756446	0.96	cps
Rhodium	103-1	6428084	6255775	6551005	6411621	2.31	cps
Rhodium	103-2	3719435	3737278	3645833	3700849	1.31	cps
Scandium	45-1	3448761	3393056	3495092	3445636	1.48	cps
Scandium	45-2	317622	314877	322454	318318	1.21	cps
Selenium	82-1	415	393	402	403	2.76	cps
Selenium	77-2	50	63	70	61	16.66	cps
Selenium	78-2	250	233	217	233	7.14	cps
Silicon	28-1	6019638	6000520	6019411	6013190	0.18	cps
Silver	107-1	3854	3867	3694	3805	2.54	cps
Silver	109-1	3847	3757	3784	3796	1.22	cps
Sodium	23-2	36851	35848	36279	36326	1.38	cps
Strontium	86-1	66894	68435	67989	67773	1.17	cps
Strontium	88-1	587747	593715	600986	594150	1.12	cps
Sulfur	34-1	115936	117162	116523	116540	0.53	cps
Terbium	159-1	10080432	9929033	10335011	10114826	2.03	cps
Terbium	159-2	5968176	5806168	5820776	5865040	1.53	cps
Thallium	203-1	1553	1497	1527	1526	1.86	cps
Thallium	205-1	3544	3651	3821	3672	3.80	cps
Tin	118-1	7826	8172	8199	8066	2.58	cps
Titanium	47-1	317097	322150	323315	320854	1.03	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:22:23	DataFile Name :	124SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10414	11342	10624	10793	4.51	cps
Vanadium	51-2	169881	167480	168186	168516	0.73	cps
Yttrium	89-1	11381502	11121127	11599281	11367303	2.11	cps
Yttrium	89-2	2785930	2773671	2750946	2770182	0.64	cps
Zinc	66-2	69029	69082	67816	68642	1.04	cps
Zirconium	90-1	81397	83026	83529	82651	1.35	cps
Zirconium	91-1	18795	18872	19193	18953	1.11	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:25:34	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2579726	2592949	2584206	2585627	0.26	cps
Antimony	121-1	5201	5898	5588	5562	6.28	cps
Arsenic	75-2	30969	31313	30872	31051	0.75	cps
Barium	135-1	358301	362034	365770	362035	1.03	cps
Barium	137-1	623301	630613	638191	630702	1.18	cps
Beryllium	9-1	911	928	839	893	5.29	cps
Bismuth	209-1	6585624	6567310	6576467	6576467	0.14	cps
Bismuth	209-2	4336284	4383944	4376327	4365518	0.59	cps
Bromine	81-1	9383	9310	8969	9221	2.39	cps
Bromine	81-2	230	233	223	229	2.22	cps
Cadmium	108-1	217	280	310	269	17.72	cps
Cadmium	106-1	2650	2760	2750	2720	2.24	cps
Cadmium	111-1	4744	4550	4528	4607	2.58	cps
Calcium	43-1	69820	71236	71738	70931	1.40	cps
Calcium	44-1	1144950	1153025	1161680	1153218	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91441	89712	90707	90620	0.96	cps
Cobalt	59-2	67728	67899	67628	67752	0.20	cps
Copper	63-2	481981	473944	475378	477101	0.90	cps
Dysprosium	156-1	20926	21076	20982	20995	0.36	cps
Dysprosium	156-2	15615	15759	15392	15589	1.19	cps
Erbium	164-1	16493	16797	16707	16666	0.94	cps
Erbium	164-2	9954	10287	9777	10006	2.59	cps
Gadolinium	160-1	18980	18716	19303	19000	1.55	cps
Gadolinium	160-2	12426	12035	12532	12331	2.12	cps
Holmium	165-1	10010744	9979919	10092295	10027652	0.58	cps
Holmium	165-2	5754052	5991272	5894222	5879849	2.03	cps
Indium	115-1	7188021	7130625	7077928	7132191	0.77	cps
Indium	115-2	2182922	2247270	2221807	2217333	1.46	cps
Iron	56-2	89154002	88401735	87963802	88506513	0.68	cps
Iron	57-2	2188959	2195737	2177262	2187319	0.43	cps
Iron	54-2	4854468	4828135	4799062	4827222	0.57	cps
Krypton	83-1	153	180	173	169	8.22	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:25:34	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	305169	307940	312660	308590	1.23	cps
Lead	207-1	268054	269669	272065	269929	0.75	cps
Lead	208-1	1217672	1226340	1238382	1227465	0.85	cps
Lithium	6-1	1058853	1071762	1056058	1062224	0.79	cps
Magnesium	24-2	1486837	1451425	1464451	1467571	1.22	cps
Manganese	55-2	3252027	3237649	3229415	3239697	0.35	cps
Molybdenum	94-1	31010	32005	32005	31673	1.81	cps
Molybdenum	95-1	2057	2137	2027	2074	2.74	cps
Molybdenum	96-1	8613	8856	8789	8753	1.44	cps
Molybdenum	97-1	1203	1283	1227	1238	3.32	cps
Molybdenum	98-1	2854	3184	2924	2987	5.82	cps
Neodymium	150-1	38402	38519	39041	38654	0.88	cps
Neodymium	150-2	19487	19450	19771	19569	0.90	cps
Nickel	60-2	35639	35696	35809	35715	0.24	cps
Phosphorus	31-2	3834	3764	3854	3817	1.24	cps
Potassium	39-2	773451	772382	767144	770992	0.44	cps
Rhodium	103-1	6461613	6479035	6428804	6456484	0.40	cps
Rhodium	103-2	3693293	3706451	3649500	3683081	0.81	cps
Scandium	45-1	3469460	3466685	3445664	3460603	0.38	cps
Scandium	45-2	324021	316645	317096	319254	1.29	cps
Selenium	82-1	424	361	376	387	8.59	cps
Selenium	77-2	47	37	80	54	41.67	cps
Selenium	78-2	217	237	257	237	8.45	cps
Silicon	28-1	6103629	6139759	6161983	6135124	0.48	cps
Silver	107-1	3474	3897	3761	3711	5.82	cps
Silver	109-1	3620	3334	3460	3472	4.14	cps
Sodium	23-2	36590	36904	37212	36902	0.84	cps
Strontium	86-1	67748	68281	68394	68141	0.51	cps
Strontium	88-1	594850	600336	605872	600353	0.92	cps
Sulfur	34-1	115865	114132	115502	115166	0.79	cps
Terbium	159-1	10120502	10101012	10023651	10081722	0.51	cps
Terbium	159-2	5934640	5891978	5804816	5877145	1.13	cps
Thallium	203-1	1417	1577	1597	1530	6.45	cps
Thallium	205-1	3307	3594	3677	3526	5.51	cps
Tin	118-1	8232	8092	8663	8329	3.57	cps
Titanium	47-1	320184	326158	325903	324082	1.04	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:25:34	DataFile Name :	125SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11168	11005	11322	11165	1.42	cps
Vanadium	51-2	171573	171077	170663	171104	0.27	cps
Yttrium	89-1	11339182	11241272	11245283	11275246	0.49	cps
Yttrium	89-2	2777828	2754516	2703817	2745387	1.38	cps
Zinc	66-2	69655	69782	70328	69922	0.51	cps
Zirconium	90-1	82677	83717	84434	83609	1.06	cps
Zirconium	91-1	18282	18565	19116	18654	2.27	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:28:42	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	503663	506748	503585	504665	0.36	cps
Antimony	121-1	1153	1187	1120	1153	2.89	cps
Arsenic	75-2	6188	6208	6135	6177	0.61	cps
Barium	135-1	67864	67790	68443	68032	0.53	cps
Barium	137-1	117180	119813	120138	119044	1.36	cps
Beryllium	9-1	183	139	178	167	14.53	cps
Bismuth	209-1	6495529	6633305	6307909	6478914	2.52	cps
Bismuth	209-2	4400052	4384630	4374516	4386399	0.29	cps
Bromine	81-1	8673	8613	8639	8641	0.35	cps
Bromine	81-2	53	93	57	68	32.74	cps
Cadmium	108-1	77	57	57	63	18.23	cps
Cadmium	106-1	2367	2284	2284	2311	2.08	cps
Cadmium	111-1	2107	2175	2109	2130	1.84	cps
Calcium	43-1	13546	13913	13876	13779	1.47	cps
Calcium	44-1	222676	227195	228075	225982	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17377	17831	17664	17624	1.30	cps
Cobalt	59-2	13556	13316	13313	13395	1.04	cps
Copper	63-2	91115	91051	91574	91247	0.31	cps
Dysprosium	156-1	4081	3964	4114	4053	1.94	cps
Dysprosium	156-2	3027	3050	2897	2991	2.76	cps
Erbium	164-1	3207	3234	3404	3282	3.25	cps
Erbium	164-2	1927	1903	1867	1899	1.59	cps
Gadolinium	160-1	3637	3614	3520	3590	1.72	cps
Gadolinium	160-2	2610	2680	2610	2634	1.53	cps
Holmium	165-1	9899759	9996123	9529593	9808492	2.51	cps
Holmium	165-2	5931262	5904135	5861053	5898817	0.60	cps
Indium	115-1	7156737	7252194	6865717	7091549	2.84	cps
Indium	115-2	2203742	2234176	2206078	2214665	0.76	cps
Iron	56-2	17007706	17185979	16904984	17032889	0.83	cps
Iron	57-2	433793	434789	431479	433354	0.39	cps
Iron	54-2	957625	958133	950149	955303	0.47	cps
Krypton	83-1	173	183	197	184	6.35	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:28:42	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	57836	58271	58315	58140	0.46	cps
Lead	207-1	51370	51176	51544	51363	0.36	cps
Lead	208-1	230895	232882	233239	232339	0.54	cps
Lithium	6-1	1034662	1060652	997936	1031083	3.06	cps
Magnesium	24-2	292762	290961	290346	291356	0.43	cps
Manganese	55-2	614667	621642	613709	616673	0.70	cps
Molybdenum	94-1	6115	6311	6411	6279	2.40	cps
Molybdenum	95-1	510	540	517	522	3.02	cps
Molybdenum	96-1	1893	1797	1867	1852	2.70	cps
Molybdenum	97-1	303	293	333	310	6.71	cps
Molybdenum	98-1	730	847	750	776	8.04	cps
Neodymium	150-1	7319	7329	7199	7282	0.99	cps
Neodymium	150-2	3387	3877	3557	3607	6.90	cps
Nickel	60-2	7085	6965	7078	7043	0.96	cps
Phosphorus	31-2	860	753	760	791	7.55	cps
Potassium	39-2	174545	175687	173934	174722	0.51	cps
Rhodium	103-1	6456946	6532424	6164418	6384596	3.04	cps
Rhodium	103-2	3702100	3698223	3708294	3702872	0.14	cps
Scandium	45-1	3416529	3462747	3341120	3406799	1.80	cps
Scandium	45-2	312405	313251	314215	313290	0.29	cps
Selenium	82-1	288	303	260	284	7.69	cps
Selenium	77-2	3	10	23	12	83.33	cps
Selenium	78-2	220	210	227	219	3.83	cps
Silicon	28-1	1313328	1312543	1345190	1323687	1.41	cps
Silver	107-1	730	763	837	777	7.03	cps
Silver	109-1	773	680	737	730	6.44	cps
Sodium	23-2	19292	20080	18782	19385	3.37	cps
Strontium	86-1	13573	13246	14257	13692	3.77	cps
Strontium	88-1	114951	117914	118932	117266	1.76	cps
Sulfur	34-1	116708	115828	117178	116572	0.59	cps
Terbium	159-1	10083174	10095323	9583349	9920615	2.94	cps
Terbium	159-2	5795615	5868451	5907657	5857241	0.97	cps
Thallium	203-1	397	413	477	429	9.84	cps
Thallium	205-1	937	1003	1037	992	5.13	cps
Tin	118-1	2934	3237	3024	3065	5.08	cps
Titanium	47-1	62144	63114	63234	62831	0.95	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE5G1L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:28:42	DataFile Name :	126SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2350	2124	2097	2190	6.36	cps
Vanadium	51-2	32408	33136	33009	32851	1.18	cps
Yttrium	89-1	11162859	11219835	10766395	11049696	2.24	cps
Yttrium	89-2	2728515	2745550	2697084	2723716	0.90	cps
Zinc	66-2	13693	13913	13576	13727	1.25	cps
Zirconium	90-1	16409	16603	16599	16537	0.67	cps
Zirconium	91-1	3744	3630	3884	3753	3.38	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:31:58	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2582232	2562199	2615105	2586512	1.03	cps
Antimony	121-1	130811	132938	133880	132543	1.19	cps
Arsenic	75-2	34129	33822	32823	33591	2.03	cps
Barium	135-1	1002234	1015768	1026403	1014802	1.19	cps
Barium	137-1	1881768	1939223	1930014	1917002	1.61	cps
Beryllium	9-1	9231	10070	9564	9622	4.39	cps
Bismuth	209-1	6506102	6599797	6449868	6518589	1.16	cps
Bismuth	209-2	4435578	4392602	3880106	4236095	7.30	cps
Bromine	81-1	9413	9320	9403	9379	0.55	cps
Bromine	81-2	227	207	233	222	6.25	cps
Cadmium	108-1	1313	1313	1300	1309	0.59	cps
Cadmium	106-1	4087	4077	3967	4044	1.65	cps
Cadmium	111-1	20414	20550	20502	20489	0.34	cps
Calcium	43-1	69207	71330	70503	70346	1.52	cps
Calcium	44-1	1130729	1144992	1147528	1141083	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	186710	188341	185890	186980	0.67	cps
Cobalt	59-2	434791	430539	431384	432238	0.52	cps
Copper	63-2	586599	586942	590697	588079	0.39	cps
Dysprosium	156-1	20455	20739	21099	20764	1.56	cps
Dysprosium	156-2	15756	15876	15412	15681	1.54	cps
Erbium	164-1	16370	16950	16413	16578	1.95	cps
Erbium	164-2	9857	9743	9733	9778	0.70	cps
Gadolinium	160-1	18322	19080	19163	18855	2.46	cps
Gadolinium	160-2	12069	11568	11765	11801	2.14	cps
Holmium	165-1	9922768	9931308	9881268	9911781	0.27	cps
Holmium	165-2	5951259	5966185	5293948	5737130	6.69	cps
Indium	115-1	7146379	7056879	7054471	7085910	0.74	cps
Indium	115-2	2218890	2235041	1996262	2150065	6.21	cps
Iron	56-2	87594395	87074755	88541622	87736924	0.85	cps
Iron	57-2	2181001	2196319	2178655	2185325	0.44	cps
Iron	54-2	4768043	4797298	4834144	4799828	0.69	cps
Krypton	83-1	190	163	163	172	8.94	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:31:58	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	322068	324678	327100	324615	0.78	cps
Lead	207-1	279140	281398	285658	282065	1.17	cps
Lead	208-1	1268285	1289175	1288086	1281849	0.92	cps
Lithium	6-1	1030855	1068786	1043086	1047576	1.85	cps
Magnesium	24-2	1467321	1439042	1471048	1459137	1.20	cps
Manganese	55-2	3339859	3345524	3404476	3363286	1.06	cps
Molybdenum	94-1	30759	31016	30983	30919	0.45	cps
Molybdenum	95-1	2047	2030	2067	2048	0.90	cps
Molybdenum	96-1	8523	8623	8636	8594	0.72	cps
Molybdenum	97-1	1170	1237	1140	1182	4.19	cps
Molybdenum	98-1	3090	3107	3234	3144	2.49	cps
Neodymium	150-1	37212	38496	38024	37911	1.71	cps
Neodymium	150-2	19133	19070	19901	19368	2.39	cps
Nickel	60-2	127584	129009	130242	128945	1.03	cps
Phosphorus	31-2	3754	3824	3747	3775	1.13	cps
Potassium	39-2	762036	759244	761049	760776	0.19	cps
Rhodium	103-1	6480403	6400469	6399697	6426856	0.72	cps
Rhodium	103-2	3732576	3659764	3335971	3576104	5.90	cps
Scandium	45-1	3474393	3495750	3468115	3479419	0.42	cps
Scandium	45-2	317085	313575	293076	307912	4.21	cps
Selenium	82-1	1872	2154	2018	2015	7.01	cps
Selenium	77-2	223	173	167	188	16.49	cps
Selenium	78-2	620	677	737	678	8.61	cps
Silicon	28-1	5137699	5221464	5261114	5206759	1.21	cps
Silver	107-1	68564	71096	71019	70226	2.05	cps
Silver	109-1	65367	68323	67530	67073	2.28	cps
Sodium	23-2	35518	35631	35481	35543	0.22	cps
Strontium	86-1	66653	69392	68568	68205	2.06	cps
Strontium	88-1	587944	598174	595360	593826	0.89	cps
Sulfur	34-1	116651	118098	117860	117537	0.66	cps
Terbium	159-1	9972014	10202783	10066425	10080407	1.15	cps
Terbium	159-2	5881332	5892185	5291265	5688260	6.04	cps
Thallium	203-1	64806	64803	64615	64742	0.17	cps
Thallium	205-1	152308	154661	155518	154162	1.08	cps
Tin	118-1	8232	8139	8156	8176	0.61	cps
Titanium	47-1	315111	320269	321467	318949	1.06	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:31:58	DataFile Name :	127SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10884	10991	11111	10996	1.03	cps
Vanadium	51-2	381823	379152	378702	379892	0.44	cps
Yttrium	89-1	11340731	11353887	11162664	11285760	0.95	cps
Yttrium	89-2	2726656	2760956	2474154	2653922	5.90	cps
Zinc	66-2	109686	110209	109101	109665	0.51	cps
Zirconium	90-1	80274	79835	81561	80557	1.11	cps
Zirconium	91-1	17464	18312	18205	17993	2.57	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:35:06	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2690345	2634579	2640026	2654983	1.16	cps
Antimony	121-1	597022	610572	607361	604985	1.17	cps
Arsenic	75-2	40532	40348	40244	40375	0.36	cps
Barium	135-1	3692057	3737640	3749985	3726561	0.82	cps
Barium	137-1	6318541	6397492	6508171	6408068	1.49	cps
Beryllium	9-1	40820	42023	41606	41483	1.47	cps
Bismuth	209-1	6485206	6439587	6497777	6474190	0.47	cps
Bismuth	209-2	4231933	4244545	4214534	4230337	0.36	cps
Bromine	81-1	8416	8683	8996	8698	3.34	cps
Bromine	81-2	173	253	213	213	18.75	cps
Cadmium	108-1	5244	5151	5074	5157	1.65	cps
Cadmium	106-1	9073	9366	9343	9261	1.76	cps
Cadmium	111-1	78259	79713	80076	79349	1.21	cps
Calcium	43-1	66983	65966	66203	66384	0.80	cps
Calcium	44-1	1072113	1083695	1085838	1080549	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	531185	531685	532816	531896	0.16	cps
Cobalt	59-2	1819892	1815529	1815280	1816900	0.14	cps
Copper	63-2	1013287	1007825	1007328	1009480	0.33	cps
Dysprosium	156-1	19524	20024	19954	19834	1.37	cps
Dysprosium	156-2	14785	15228	14468	14827	2.58	cps
Erbium	164-1	16089	15929	15522	15847	1.85	cps
Erbium	164-2	9470	9417	9710	9532	1.64	cps
Gadolinium	160-1	18035	17928	18362	18108	1.25	cps
Gadolinium	160-2	12002	11825	11635	11821	1.55	cps
Holmium	165-1	9796914	9815805	9763897	9792205	0.27	cps
Holmium	165-2	5806628	5680717	5777766	5755037	1.15	cps
Indium	115-1	7039583	6984439	6930682	6984901	0.78	cps
Indium	115-2	2150748	2097096	2182817	2143554	2.02	cps
Iron	56-2	85991679	84847022	84506425	85115042	0.91	cps
Iron	57-2	2137590	2119665	2119036	2125430	0.50	cps
Iron	54-2	4661294	4630031	4610893	4634072	0.55	cps
Krypton	83-1	193	147	210	183	17.91	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:35:06	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	381075	390610	392773	388153	1.60	cps
Lead	207-1	334765	341243	342907	339638	1.27	cps
Lead	208-1	1511049	1546045	1558583	1538559	1.60	cps
Lithium	6-1	1056872	1055012	1020369	1044085	1.97	cps
Magnesium	24-2	1385497	1379654	1393873	1386341	0.52	cps
Manganese	55-2	3830728	3804030	3851204	3828654	0.62	cps
Molybdenum	94-1	29513	29820	29022	29452	1.37	cps
Molybdenum	95-1	2064	2130	2217	2137	3.60	cps
Molybdenum	96-1	8132	7969	8246	8116	1.71	cps
Molybdenum	97-1	1147	1197	1203	1182	2.62	cps
Molybdenum	98-1	2910	3194	3000	3035	4.77	cps
Neodymium	150-1	36704	36467	36952	36708	0.66	cps
Neodymium	150-2	18502	18823	18442	18589	1.10	cps
Nickel	60-2	460391	457823	457680	458631	0.33	cps
Phosphorus	31-2	3554	3400	3500	3485	2.23	cps
Potassium	39-2	724068	717071	717275	719471	0.55	cps
Rhodium	103-1	6362256	6210088	6239616	6270653	1.29	cps
Rhodium	103-2	3636499	3566618	3624885	3609334	1.04	cps
Scandium	45-1	3449812	3416669	3388571	3418351	0.90	cps
Scandium	45-2	310932	304363	307920	307738	1.07	cps
Selenium	82-1	9905	9978	10010	9964	0.54	cps
Selenium	77-2	957	883	957	932	4.54	cps
Selenium	78-2	3280	3314	3154	3249	2.60	cps
Silicon	28-1	4875886	4938160	5170603	4994883	3.11	cps
Silver	107-1	308937	316014	320355	315102	1.83	cps
Silver	109-1	293886	301170	299963	298340	1.31	cps
Sodium	23-2	33774	33683	34185	33881	0.79	cps
Strontium	86-1	64179	63841	64731	64250	0.70	cps
Strontium	88-1	557361	567784	572175	565774	1.34	cps
Sulfur	34-1	112886	112822	112739	112816	0.07	cps
Terbium	159-1	9987467	10142866	9904755	10011696	1.21	cps
Terbium	159-2	5697975	5734853	5732618	5721815	0.36	cps
Thallium	203-1	296255	302873	303355	300827	1.32	cps
Thallium	205-1	710224	717437	726994	718218	1.17	cps
Tin	118-1	7749	7866	7999	7871	1.59	cps
Titanium	47-1	298950	306234	303600	302928	1.22	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE5G1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:35:06	DataFile Name :	128SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10634	10754	10267	10552	2.40	cps
Vanadium	51-2	1143069	1131416	1131663	1135383	0.59	cps
Yttrium	89-1	11181704	11043757	11028514	11084659	0.76	cps
Yttrium	89-2	2682608	2664383	2666991	2671327	0.37	cps
Zinc	66-2	257593	256561	255971	256708	0.32	cps
Zirconium	90-1	75000	77416	77533	76650	1.87	cps
Zirconium	91-1	16913	17234	17521	17222	1.76	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:38:13	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1590636	1620439	1616388	1609155	1.00	cps
Antimony	121-1	14067	14511	14915	14497	2.92	cps
Arsenic	75-2	21549	21786	20798	21378	2.41	cps
Barium	135-1	304294	310201	310018	308171	1.09	cps
Barium	137-1	530152	536252	538272	534892	0.79	cps
Beryllium	9-1	489	444	467	467	4.76	cps
Bismuth	209-1	6568725	6500399	6501835	6523653	0.60	cps
Bismuth	209-2	4278385	4335868	4360385	4324879	0.97	cps
Bromine	81-1	8436	8212	7849	8166	3.63	cps
Bromine	81-2	113	127	110	117	7.56	cps
Cadmium	108-1	207	210	157	191	15.63	cps
Cadmium	106-1	2747	2530	2474	2584	5.58	cps
Cadmium	111-1	3552	3511	3689	3584	2.60	cps
Calcium	43-1	42750	42737	42586	42691	0.21	cps
Calcium	44-1	687704	697559	702313	695859	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75876	75608	76747	76077	0.78	cps
Cobalt	59-2	67588	68207	67437	67744	0.60	cps
Copper	63-2	340413	341118	339868	340466	0.18	cps
Dysprosium	156-1	19413	19544	20171	19709	2.06	cps
Dysprosium	156-2	14818	14414	14498	14577	1.46	cps
Erbium	164-1	14384	14081	14598	14354	1.81	cps
Erbium	164-2	8860	8553	8209	8540	3.81	cps
Gadolinium	160-1	17484	17187	17458	17376	0.95	cps
Gadolinium	160-2	11338	11024	11505	11289	2.16	cps
Holmium	165-1	9884585	9964402	10069077	9972688	0.93	cps
Holmium	165-2	5901562	5950973	5858384	5903639	0.78	cps
Indium	115-1	7035269	7094432	7128676	7086126	0.67	cps
Indium	115-2	2157071	2179861	2220534	2185822	1.47	cps
Iron	56-2	78287547	78323201	78384019	78331589	0.06	cps
Iron	57-2	1948062	1978623	1934445	1953710	1.16	cps
Iron	54-2	4263352	4265588	4270654	4266531	0.09	cps
Krypton	83-1	197	183	150	177	13.61	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:38:13	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	240934	245033	245448	243805	1.02	cps
Lead	207-1	213585	215617	216427	215210	0.68	cps
Lead	208-1	965903	980269	975468	973880	0.75	cps
Lithium	6-1	1039743	1036457	1041419	1039206	0.24	cps
Magnesium	24-2	1514115	1502091	1470326	1495510	1.51	cps
Manganese	55-2	1544642	1549584	1543217	1545814	0.22	cps
Molybdenum	94-1	24440	24875	24714	24676	0.89	cps
Molybdenum	95-1	2804	2774	2444	2674	7.47	cps
Molybdenum	96-1	7545	7862	8029	7812	3.14	cps
Molybdenum	97-1	1663	1427	1617	1569	7.99	cps
Molybdenum	98-1	3964	4171	4084	4073	2.55	cps
Neodymium	150-1	37710	38489	37787	37996	1.13	cps
Neodymium	150-2	19220	18716	18646	18860	1.66	cps
Nickel	60-2	35368	35275	35890	35511	0.93	cps
Phosphorus	31-2	5288	5294	5191	5258	1.10	cps
Potassium	39-2	726243	732841	735197	731427	0.63	cps
Rhodium	103-1	6330885	6324236	6389240	6348120	0.56	cps
Rhodium	103-2	3675730	3695960	3700574	3690754	0.36	cps
Scandium	45-1	3439540	3448299	3474463	3454101	0.53	cps
Scandium	45-2	315128	315102	314485	314905	0.12	cps
Selenium	82-1	368	338	415	374	10.51	cps
Selenium	77-2	47	70	50	56	22.71	cps
Selenium	78-2	283	237	237	252	10.68	cps
Silicon	28-1	2905309	2996287	3031843	2977813	2.19	cps
Silver	107-1	2670	2604	2347	2540	6.72	cps
Silver	109-1	2624	2297	2274	2398	8.16	cps
Sodium	23-2	33139	32798	33770	33236	1.48	cps
Strontium	86-1	64323	64872	65334	64843	0.78	cps
Strontium	88-1	561178	569643	574180	568334	1.16	cps
Sulfur	34-1	113400	113837	113461	113566	0.21	cps
Terbium	159-1	9968315	10185264	10131581	10095053	1.12	cps
Terbium	159-2	5768125	5714723	5916032	5799627	1.80	cps
Thallium	203-1	1863	1853	1787	1835	2.27	cps
Thallium	205-1	4221	4201	4277	4233	0.94	cps
Tin	118-1	7489	7685	7462	7545	1.62	cps
Titanium	47-1	271389	275251	276194	274278	0.93	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:38:13	DataFile Name :	129SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9880	9900	10017	9933	0.74	cps
Vanadium	51-2	154838	153842	153788	154156	0.38	cps
Yttrium	89-1	11112112	11181607	11308974	11200897	0.89	cps
Yttrium	89-2	2754435	2748338	2757940	2753571	0.18	cps
Zinc	66-2	53094	53569	53977	53547	0.83	cps
Zirconium	90-1	62385	63587	63814	63262	1.21	cps
Zirconium	91-1	14190	14334	14070	14198	0.93	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:41:22	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1627079	1619508	1593325	1613304	1.10	cps
Antimony	121-1	14120	14381	13994	14165	1.39	cps
Arsenic	75-2	21249	21466	21012	21242	1.07	cps
Barium	135-1	306252	309922	312286	309487	0.98	cps
Barium	137-1	526923	540178	538780	535293	1.36	cps
Beryllium	9-1	467	522	461	483	6.99	cps
Bismuth	209-1	6458296	6552533	6562398	6524409	0.88	cps
Bismuth	209-2	4398803	4270248	4328646	4332566	1.49	cps
Bromine	81-1	8082	8156	8416	8218	2.13	cps
Bromine	81-2	153	133	157	148	8.54	cps
Cadmium	108-1	207	163	210	193	13.46	cps
Cadmium	106-1	2684	2594	2540	2606	2.78	cps
Cadmium	111-1	3544	3625	3651	3607	1.55	cps
Calcium	43-1	43873	44104	44167	44048	0.35	cps
Calcium	44-1	707293	717558	724897	716583	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76811	77166	76874	76950	0.25	cps
Cobalt	59-2	68140	67169	68110	67807	0.81	cps
Copper	63-2	341255	344440	345805	343833	0.68	cps
Dysprosium	156-1	19497	19577	19587	19554	0.25	cps
Dysprosium	156-2	14247	14137	14721	14369	2.16	cps
Erbium	164-1	13804	14194	15165	14388	4.87	cps
Erbium	164-2	8353	8413	8459	8408	0.64	cps
Gadolinium	160-1	16874	17848	17801	17508	3.14	cps
Gadolinium	160-2	11271	11278	11101	11217	0.89	cps
Holmium	165-1	10022772	9968805	10055408	10015662	0.44	cps
Holmium	165-2	6016607	5849424	5873939	5913323	1.53	cps
Indium	115-1	7097585	7111889	7189239	7132904	0.69	cps
Indium	115-2	2268845	2193700	2218926	2227157	1.72	cps
Iron	56-2	77880929	77988274	79451999	78440401	1.12	cps
Iron	57-2	1947050	1930856	1978837	1952248	1.25	cps
Iron	54-2	4300745	4254833	4260918	4272165	0.58	cps
Krypton	83-1	153	177	187	172	9.93	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:41:22	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	240206	243067	246939	243404	1.39	cps
Lead	207-1	212160	218146	218157	216154	1.60	cps
Lead	208-1	959456	980137	981529	973707	1.27	cps
Lithium	6-1	1034129	1031347	1056813	1040763	1.34	cps
Magnesium	24-2	1523793	1510208	1553124	1529042	1.43	cps
Manganese	55-2	1509860	1535096	1553048	1532668	1.42	cps
Molybdenum	94-1	24387	24728	24955	24690	1.16	cps
Molybdenum	95-1	2760	2814	2794	2789	0.97	cps
Molybdenum	96-1	7942	8132	8089	8055	1.24	cps
Molybdenum	97-1	1577	1713	1730	1673	5.03	cps
Molybdenum	98-1	4087	4374	4537	4333	5.26	cps
Neodymium	150-1	37252	38031	38412	37899	1.56	cps
Neodymium	150-2	19197	18923	18973	19031	0.77	cps
Nickel	60-2	36421	36718	35983	36374	1.02	cps
Phosphorus	31-2	5558	5458	5654	5557	1.77	cps
Potassium	39-2	742872	743227	742915	743004	0.03	cps
Rhodium	103-1	6389678	6489527	6508879	6462695	0.99	cps
Rhodium	103-2	3776368	3657922	3678414	3704235	1.71	cps
Scandium	45-1	3440269	3457506	3506443	3468073	0.99	cps
Scandium	45-2	315344	317357	319832	317511	0.71	cps
Selenium	82-1	436	371	361	390	10.32	cps
Selenium	77-2	50	33	67	50	33.34	cps
Selenium	78-2	243	233	200	226	10.06	cps
Silicon	28-1	2966450	3026191	3056494	3016378	1.52	cps
Silver	107-1	2337	2400	2180	2306	4.91	cps
Silver	109-1	2070	1943	2077	2030	3.70	cps
Sodium	23-2	41887	41700	41917	41835	0.28	cps
Strontium	86-1	64075	65498	64798	64790	1.10	cps
Strontium	88-1	562145	570484	577373	570001	1.34	cps
Sulfur	34-1	120951	118633	119912	119832	0.97	cps
Terbium	159-1	10106157	10044474	10018093	10056241	0.45	cps
Terbium	159-2	5859025	5926885	5755695	5847201	1.47	cps
Thallium	203-1	1613	1850	1670	1711	7.22	cps
Thallium	205-1	4214	3944	4104	4087	3.32	cps
Tin	118-1	10441	10881	11034	10785	2.86	cps
Titanium	47-1	270753	275440	275495	273896	0.99	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8D	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:41:22	DataFile Name :	130SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9997	10014	10181	10064	1.01	cps
Vanadium	51-2	153162	152737	153168	153022	0.16	cps
Yttrium	89-1	11361124	11299438	11351147	11337236	0.29	cps
Yttrium	89-2	2769237	2715180	2760157	2748191	1.05	cps
Zinc	66-2	58143	58009	57095	57749	0.99	cps
Zirconium	90-1	61187	62539	63065	62263	1.56	cps
Zirconium	91-1	13777	14234	14200	14070	1.81	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:44:34	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328290	320503	326210	325001	1.24	cps
Antimony	121-1	2967	3060	3100	3043	2.25	cps
Arsenic	75-2	4221	4421	4401	4347	2.53	cps
Barium	135-1	62778	62014	60986	61926	1.45	cps
Barium	137-1	106508	107633	108624	107589	0.98	cps
Beryllium	9-1	67	100	106	91	23.18	cps
Bismuth	209-1	6603273	6741465	6602066	6648934	1.21	cps
Bismuth	209-2	4324463	4302798	4415952	4347738	1.38	cps
Bromine	81-1	8456	8379	8189	8341	1.65	cps
Bromine	81-2	63	80	57	67	18.03	cps
Cadmium	108-1	57	50	37	48	21.31	cps
Cadmium	106-1	2724	2257	2337	2439	10.23	cps
Cadmium	111-1	2247	1961	2010	2073	7.37	cps
Calcium	43-1	8409	9029	8836	8758	3.62	cps
Calcium	44-1	145254	149313	147256	147274	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16112	15752	15498	15787	1.95	cps
Cobalt	59-2	13720	13690	13553	13654	0.65	cps
Copper	63-2	68867	68660	69008	68845	0.25	cps
Dysprosium	156-1	3904	3871	4087	3954	2.95	cps
Dysprosium	156-2	2860	2960	2900	2907	1.73	cps
Erbium	164-1	3030	2950	2767	2916	4.63	cps
Erbium	164-2	1673	1707	1643	1675	1.89	cps
Gadolinium	160-1	3494	3430	3520	3482	1.33	cps
Gadolinium	160-2	2544	2420	2550	2505	2.92	cps
Holmium	165-1	10227566	9991662	10048298	10089175	1.22	cps
Holmium	165-2	5979644	5854972	5968492	5934369	1.16	cps
Indium	115-1	7346541	7281786	7249608	7292645	0.68	cps
Indium	115-2	2240058	2231689	2246012	2239253	0.32	cps
Iron	56-2	15645970	15648424	15608463	15634285	0.14	cps
Iron	57-2	397423	399103	396195	397573	0.37	cps
Iron	54-2	883572	873461	876671	877901	0.59	cps
Krypton	83-1	190	197	140	176	17.64	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:44:34	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	49540	49503	49332	49458	0.22	cps
Lead	207-1	42984	43907	42877	43256	1.31	cps
Lead	208-1	196337	197949	195314	196533	0.68	cps
Lithium	6-1	1059558	1053102	1078767	1063809	1.25	cps
Magnesium	24-2	311920	307393	309052	309455	0.74	cps
Manganese	55-2	307057	303417	303327	304600	0.70	cps
Molybdenum	94-1	5064	5128	5208	5133	1.40	cps
Molybdenum	95-1	660	610	630	633	3.97	cps
Molybdenum	96-1	1830	1753	1763	1782	2.34	cps
Molybdenum	97-1	440	440	423	434	2.22	cps
Molybdenum	98-1	977	1010	993	993	1.68	cps
Neodymium	150-1	7405	7692	7432	7510	2.11	cps
Neodymium	150-2	4077	3927	3567	3857	6.80	cps
Nickel	60-2	7272	7282	7485	7346	1.64	cps
Phosphorus	31-2	1023	1103	1037	1054	4.06	cps
Potassium	39-2	171861	170965	171251	171359	0.27	cps
Rhodium	103-1	6602534	6591674	6561233	6585147	0.33	cps
Rhodium	103-2	3813686	3780912	3742840	3779146	0.94	cps
Scandium	45-1	3489556	3482325	3498945	3490275	0.24	cps
Scandium	45-2	313865	313501	316821	314729	0.58	cps
Selenium	82-1	308	277	367	317	14.43	cps
Selenium	77-2	7	10	20	12	56.76	cps
Selenium	78-2	157	227	197	193	18.16	cps
Silicon	28-1	727493	741681	741501	736892	1.10	cps
Silver	107-1	503	493	490	496	1.40	cps
Silver	109-1	493	477	417	462	8.72	cps
Sodium	23-2	18271	18862	18211	18448	1.95	cps
Strontium	86-1	13466	13169	13550	13395	1.49	cps
Strontium	88-1	114340	116050	115549	115313	0.76	cps
Sulfur	34-1	118297	118317	119025	118547	0.35	cps
Terbium	159-1	10179800	10219420	10232639	10210619	0.27	cps
Terbium	159-2	5890570	5887265	5915750	5897862	0.26	cps
Thallium	203-1	490	500	513	501	2.34	cps
Thallium	205-1	1000	1013	1263	1092	13.58	cps
Tin	118-1	2944	3044	3124	3037	2.97	cps
Titanium	47-1	55187	55357	55444	55329	0.24	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYE4T8L	Dilution Factor :	20
Date & Time Acquired :	2024-11-03 21:44:34	DataFile Name :	131SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2064	2117	2080	2087	1.31	cps
Vanadium	51-2	30651	31092	30731	30825	0.76	cps
Yttrium	89-1	11490758	11345051	11331651	11389153	0.77	cps
Yttrium	89-2	2742241	2731726	2769579	2747849	0.71	cps
Zinc	66-2	11248	10657	10981	10962	2.70	cps
Zirconium	90-1	14447	12869	13266	13527	6.07	cps
Zirconium	91-1	2810	2957	2790	2853	3.19	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:47:49	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1656914	1648990	1641140	1649015	0.48	cps
Antimony	121-1	135239	138072	138960	137423	1.41	cps
Arsenic	75-2	23469	23442	23572	23494	0.29	cps
Barium	135-1	940499	960393	961058	953983	1.22	cps
Barium	137-1	1786007	1791961	1804642	1794203	0.53	cps
Beryllium	9-1	9253	8791	8625	8890	3.66	cps
Bismuth	209-1	6692015	6703358	6698529	6697967	0.08	cps
Bismuth	209-2	4369625	4405921	4354765	4376770	0.60	cps
Bromine	81-1	8606	8699	8513	8606	1.09	cps
Bromine	81-2	97	123	127	116	14.23	cps
Cadmium	108-1	1170	1237	1247	1218	3.42	cps
Cadmium	106-1	4004	3841	4021	3955	2.52	cps
Cadmium	111-1	18984	18983	19546	19171	1.69	cps
Calcium	43-1	42844	42880	43536	43087	0.90	cps
Calcium	44-1	696205	699554	705590	700450	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173232	171451	171192	171959	0.65	cps
Cobalt	59-2	427481	422870	424676	425009	0.55	cps
Copper	63-2	463693	461146	463220	462686	0.29	cps
Dysprosium	156-1	18466	19924	19694	19361	4.05	cps
Dysprosium	156-2	14244	14731	14254	14410	1.93	cps
Erbium	164-1	13837	14261	14331	14143	1.89	cps
Erbium	164-2	8673	8589	8883	8715	1.74	cps
Gadolinium	160-1	16897	17651	17334	17294	2.19	cps
Gadolinium	160-2	11121	11455	11648	11408	2.34	cps
Holmium	165-1	10165440	10068695	10090351	10108162	0.50	cps
Holmium	165-2	5963878	5867286	5903601	5911589	0.83	cps
Indium	115-1	7289329	7273394	7237644	7266789	0.36	cps
Indium	115-2	2233966	2243600	2205786	2227784	0.88	cps
Iron	56-2	78913905	78019247	78628962	78520705	0.58	cps
Iron	57-2	1972995	1944119	1926955	1948023	1.19	cps
Iron	54-2	4287784	4259488	4318666	4288646	0.69	cps
Krypton	83-1	177	150	217	181	18.53	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:47:49	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	257876	263691	266256	262608	1.63	cps
Lead	207-1	229098	232199	232015	231104	0.75	cps
Lead	208-1	1035962	1051972	1053390	1047108	0.92	cps
Lithium	6-1	1077482	1064683	1063414	1068526	0.73	cps
Magnesium	24-2	1531123	1521664	1510247	1521011	0.69	cps
Manganese	55-2	1712219	1703066	1720516	1711934	0.51	cps
Molybdenum	94-1	25339	26250	26077	25888	1.87	cps
Molybdenum	95-1	2527	2510	2524	2520	0.35	cps
Molybdenum	96-1	7856	8176	8126	8052	2.14	cps
Molybdenum	97-1	1567	1650	1590	1602	2.68	cps
Molybdenum	98-1	3824	4154	4254	4077	5.52	cps
Neodymium	150-1	36591	37476	37266	37111	1.25	cps
Neodymium	150-2	19948	18455	19126	19176	3.90	cps
Nickel	60-2	125708	126185	126326	126073	0.26	cps
Phosphorus	31-2	4974	5328	5304	5202	3.80	cps
Potassium	39-2	723578	738010	727582	729723	1.02	cps
Rhodium	103-1	6579428	6550987	6520459	6550291	0.45	cps
Rhodium	103-2	3760367	3753402	3703785	3739184	0.83	cps
Scandium	45-1	3583324	3558393	3532705	3558141	0.71	cps
Scandium	45-2	320670	321831	320901	321134	0.19	cps
Selenium	82-1	2372	2398	2403	2391	0.71	cps
Selenium	77-2	243	253	193	230	13.98	cps
Selenium	78-2	777	720	927	808	13.22	cps
Silicon	28-1	3411605	3454361	3497743	3454570	1.25	cps
Silver	107-1	65862	68122	66491	66825	1.75	cps
Silver	109-1	62675	64188	63187	63350	1.22	cps
Sodium	23-2	31338	32247	32070	31885	1.51	cps
Strontium	86-1	63871	66158	65739	65256	1.87	cps
Strontium	88-1	565308	575317	573291	571305	0.93	cps
Sulfur	34-1	121817	118727	120215	120253	1.29	cps
Terbium	159-1	10367889	10265630	10324909	10319476	0.50	cps
Terbium	159-2	5926321	6077120	5954449	5985964	1.34	cps
Thallium	203-1	62399	65031	63604	63678	2.07	cps
Thallium	205-1	151634	153893	153276	152934	0.76	cps
Tin	118-1	7045	7392	7385	7274	2.73	cps
Titanium	47-1	278175	282249	284100	281508	1.08	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8S	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:47:49	DataFile Name :	132SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9934	9884	9977	9932	0.47	cps
Vanadium	51-2	360903	360242	355462	358869	0.83	cps
Yttrium	89-1	11512489	11542729	11416910	11490709	0.57	cps
Yttrium	89-2	2834820	2736177	2765814	2778937	1.82	cps
Zinc	66-2	92916	92879	92635	92810	0.16	cps
Zirconium	90-1	64786	65730	65559	65358	0.77	cps
Zirconium	91-1	14627	14380	14584	14531	0.91	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:51:00	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1789106	1771157	1758783	1773015	0.86	cps
Antimony	121-1	617783	628297	630541	625540	1.09	cps
Arsenic	75-2	31657	31964	30839	31487	1.85	cps
Barium	135-1	3706981	3772132	3801464	3760192	1.29	cps
Barium	137-1	6385165	6469441	6529470	6461359	1.12	cps
Beryllium	9-1	41310	41784	42152	41749	1.01	cps
Bismuth	209-1	6568267	6692681	6545852	6602267	1.20	cps
Bismuth	209-2	4396805	4369105	4418325	4394745	0.56	cps
Bromine	81-1	8676	8699	8863	8746	1.16	cps
Bromine	81-2	120	117	113	117	2.86	cps
Cadmium	108-1	5091	5511	5351	5318	3.99	cps
Cadmium	106-1	9286	9360	9483	9376	1.06	cps
Cadmium	111-1	79156	80783	80502	80147	1.09	cps
Calcium	43-1	41193	42229	42516	41979	1.66	cps
Calcium	44-1	670815	682207	679710	677577	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	531756	533184	526703	530548	0.64	cps
Cobalt	59-2	1874093	1809028	1852643	1845255	1.80	cps
Copper	63-2	914741	907501	907083	909775	0.47	cps
Dysprosium	156-1	18973	19180	19063	19072	0.54	cps
Dysprosium	156-2	14087	14261	14030	14126	0.85	cps
Erbium	164-1	13693	14074	14141	13969	1.73	cps
Erbium	164-2	8319	8089	8056	8155	1.76	cps
Gadolinium	160-1	16597	17745	17024	17122	3.39	cps
Gadolinium	160-2	10944	11345	10888	11059	2.25	cps
Holmium	165-1	10148893	10108899	10084194	10113995	0.32	cps
Holmium	165-2	5991329	6021582	5929012	5980641	0.79	cps
Indium	115-1	7278090	7281299	7222655	7260682	0.45	cps
Indium	115-2	2222172	2216876	2214130	2217726	0.18	cps
Iron	56-2	77791784	77504367	76971684	77422612	0.54	cps
Iron	57-2	1929216	1915130	1907228	1917191	0.58	cps
Iron	54-2	4264812	4295634	4213605	4258017	0.97	cps
Krypton	83-1	167	230	180	192	17.37	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:51:00	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	334167	340281	341525	338657	1.16	cps
Lead	207-1	293862	301044	298543	297816	1.22	cps
Lead	208-1	1331269	1359826	1360131	1350409	1.23	cps
Lithium	6-1	1079283	1057226	1074728	1070412	1.09	cps
Magnesium	24-2	1456991	1448811	1442841	1449548	0.49	cps
Manganese	55-2	2344069	2303411	2307837	2318439	0.96	cps
Molybdenum	94-1	24855	25809	25168	25277	1.93	cps
Molybdenum	95-1	2487	2634	2567	2562	2.87	cps
Molybdenum	96-1	7759	7889	7939	7862	1.18	cps
Molybdenum	97-1	1500	1553	1480	1511	2.51	cps
Molybdenum	98-1	4021	3944	3777	3914	3.18	cps
Neodymium	150-1	36350	36701	36724	36592	0.57	cps
Neodymium	150-2	18168	17905	18195	18089	0.89	cps
Nickel	60-2	469405	468964	464897	467756	0.53	cps
Phosphorus	31-2	4964	5061	5101	5042	1.39	cps
Potassium	39-2	712673	704476	701042	706064	0.85	cps
Rhodium	103-1	6548882	6576059	6432173	6519038	1.17	cps
Rhodium	103-2	3761174	3743384	3750805	3751788	0.24	cps
Scandium	45-1	3469278	3496129	3471884	3479097	0.43	cps
Scandium	45-2	319015	316434	313792	316414	0.83	cps
Selenium	82-1	10341	10151	10235	10242	0.93	cps
Selenium	77-2	1010	937	950	966	4.05	cps
Selenium	78-2	3067	3150	3197	3138	2.10	cps
Silicon	28-1	3439643	3423644	3377276	3413521	0.95	cps
Silver	107-1	306432	315073	314529	312011	1.55	cps
Silver	109-1	290582	302097	301226	297968	2.15	cps
Sodium	23-2	31880	31272	31656	31602	0.97	cps
Strontium	86-1	62294	63623	63369	63095	1.12	cps
Strontium	88-1	551389	561280	559726	557465	0.95	cps
Sulfur	34-1	119651	118331	117743	118575	0.82	cps
Terbium	159-1	10180814	10304029	10255978	10246940	0.61	cps
Terbium	159-2	5907638	5928800	5883285	5906574	0.39	cps
Thallium	203-1	309089	309510	315429	311343	1.14	cps
Thallium	205-1	733111	742273	743941	739775	0.79	cps
Tin	118-1	7132	7699	7779	7536	4.68	cps
Titanium	47-1	271049	276044	275355	274149	0.99	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYE4T8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-11-03 21:51:00	DataFile Name :	133SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9483	10111	9860	9818	3.22	cps
Vanadium	51-2	1146533	1139077	1134234	1139948	0.54	cps
Yttrium	89-1	11419567	11428452	11380932	11409650	0.22	cps
Yttrium	89-2	2768324	2756685	2749821	2758277	0.34	cps
Zinc	66-2	246455	245468	245353	245759	0.25	cps
Zirconium	90-1	63165	64501	64708	64125	1.31	cps
Zirconium	91-1	14000	14290	14237	14176	1.09	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:54:04	DataFile Name :	134CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9014871	9029565	9184959	9076465	1.04	cps
Antimony	121-1	4767182	4896042	4998051	4887092	2.37	cps
Arsenic	75-2	217652	217391	218287	217777	0.21	cps
Barium	135-1	6244730	6379896	6520534	6381720	2.16	cps
Barium	137-1	10911838	11043687	11173694	11043073	1.19	cps
Beryllium	9-1	592183	603435	617790	604470	2.12	cps
Bismuth	209-1	6229489	6335776	5449851	6005039	8.06	cps
Bismuth	209-2	4140235	4133117	4204107	4159153	0.94	cps
Bromine	81-1	8803	8309	8439	8517	3.00	cps
Bromine	81-2	50	40	50	47	12.37	cps
Cadmium	108-1	83944	85876	87857	85892	2.28	cps
Cadmium	106-1	121590	123987	124407	123328	1.23	cps
Cadmium	111-1	1153808	1170872	1189948	1171542	1.54	cps
Calcium	43-1	5209077	5258718	5368511	5278769	1.55	cps
Calcium	44-1	83172729	84075764	86013562	84420685	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1703195	1714813	1689978	1702662	0.73	cps
Cobalt	59-2	2766550	2735629	2744680	2748953	0.58	cps
Copper	63-2	18925287	18898889	18907497	18910558	0.07	cps
Dysprosium	156-1	483	460	490	478	3.30	cps
Dysprosium	156-2	340	377	473	397	17.36	cps
Erbium	164-1	320	360	320	333	6.93	cps
Erbium	164-2	237	210	203	217	8.14	cps
Gadolinium	160-1	237	190	230	219	11.53	cps
Gadolinium	160-2	423	357	390	390	8.55	cps
Holmium	165-1	10099978	10219522	8917156	9745552	7.39	cps
Holmium	165-2	6119471	6135236	6233487	6162731	1.00	cps
Indium	115-1	6871077	7062541	6116307	6683308	7.49	cps
Indium	115-2	2194148	2211550	2195702	2200467	0.44	cps
Iron	56-2	361809781	365564728	362158528	363177679	0.57	cps
Iron	57-2	8961052	9030683	9093875	9028536	0.74	cps
Iron	54-2	19711347	19830312	19896641	19812767	0.47	cps
Krypton	83-1	220	190	223	211	8.70	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:54:04	DataFile Name :	134CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20300076	20504036	20669122	20491078	0.90	cps
Lead	207-1	17932105	18016435	18205977	18051506	0.78	cps
Lead	208-1	81239167	81924658	82643615	81935814	0.86	cps
Lithium	6-1	1075699	1079723	950243	1035222	7.11	cps
Magnesium	24-2	75121389	76115956	76614769	75950704	1.00	cps
Manganese	55-2	12617918	12666067	12694111	12659366	0.30	cps
Molybdenum	94-1	16629487	16973466	17082886	16895280	1.40	cps
Molybdenum	95-1	24313450	24697271	25184203	24731641	1.76	cps
Molybdenum	96-1	26418134	26986614	27311387	26905378	1.68	cps
Molybdenum	97-1	15140841	15515871	15824434	15493715	2.21	cps
Molybdenum	98-1	39204244	40072269	40619177	39965230	1.79	cps
Neodymium	150-1	450	410	417	426	5.04	cps
Neodymium	150-2	117	143	147	136	12.13	cps
Nickel	60-2	650033	648033	646571	648213	0.27	cps
Phosphorus	31-2	93238	94016	95411	94222	1.17	cps
Potassium	39-2	46377604	46943293	46679631	46666843	0.61	cps
Rhodium	103-1	6061903	6114222	5280010	5818711	8.03	cps
Rhodium	103-2	3507965	3504789	3533475	3515410	0.45	cps
Scandium	45-1	3488267	3574873	3095959	3386366	7.54	cps
Scandium	45-2	330742	330190	334935	331955	0.78	cps
Selenium	82-1	64431	65793	66223	65482	1.43	cps
Selenium	77-2	6298	6295	6065	6219	2.15	cps
Selenium	78-2	20321	20578	20945	20614	1.52	cps
Silicon	28-1	37952298	38784111	39188144	38641517	1.63	cps
Silver	107-1	5669428	5732294	5811227	5737649	1.24	cps
Silver	109-1	5322443	5367922	5472760	5387708	1.43	cps
Sodium	23-2	127378108	127998498	128811661	128062756	0.56	cps
Strontium	86-1	34727721	35337895	35905577	35323731	1.67	cps
Strontium	88-1	307153689	310358769	315441842	310984766	1.34	cps
Sulfur	34-1	440254	445843	452043	446047	1.32	cps
Terbium	159-1	10335931	10396393	9139385	9957236	7.12	cps
Terbium	159-2	6051621	6085118	6045950	6060896	0.35	cps
Thallium	203-1	5066277	5110006	5174224	5116836	1.06	cps
Thallium	205-1	12000656	12077834	12338346	12138945	1.46	cps
Tin	118-1	3858667	3891936	3939266	3896623	1.04	cps
Titanium	47-1	5348916	5473850	5545440	5456068	1.82	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:54:04	DataFile Name :	134CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16748472	17123180	17202989	17024880	1.43	cps
Vanadium	51-2	1509419	1524890	1506127	1513479	0.66	cps
Yttrium	89-1	11418361	11433636	9916490	10922829	7.98	cps
Yttrium	89-2	2778399	2794799	2777421	2783539	0.35	cps
Zinc	66-2	3040755	3048635	3085761	3058384	0.79	cps
Zirconium	90-1	7677358	7766905	7910467	7784910	1.51	cps
Zirconium	91-1	1702079	1727240	1772743	1734021	2.07	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:58:16	DataFile Name :	135CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	970	897	893	920	4.71	cps
Antimony	121-1	1640	1673	1903	1739	8.25	cps
Arsenic	75-2	37	7	20	21	71.19	cps
Barium	135-1	670	690	677	679	1.50	cps
Barium	137-1	1053	1050	1077	1060	1.37	cps
Beryllium	9-1	44	100	61	69	41.60	cps
Bismuth	209-1	6744399	6395194	6793827	6644474	3.27	cps
Bismuth	209-2	4504861	4516475	4524404	4515247	0.22	cps
Bromine	81-1	8669	8906	8913	8829	1.57	cps
Bromine	81-2	73	47	90	70	31.22	cps
Cadmium	108-1	3	13	20	12	68.66	cps
Cadmium	106-1	2334	2104	2354	2264	6.14	cps
Cadmium	111-1	1711	1530	1683	1641	5.95	cps
Calcium	43-1	427	307	363	366	16.42	cps
Calcium	44-1	10287	9970	10150	10136	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	623	547	590	587	6.55	cps
Cobalt	59-2	327	283	340	317	9.36	cps
Copper	63-2	1233	1123	1143	1167	5.02	cps
Dysprosium	156-1	170	193	243	202	18.53	cps
Dysprosium	156-2	70	43	50	54	25.49	cps
Erbium	164-1	53	80	113	82	36.56	cps
Erbium	164-2	57	40	37	44	24.11	cps
Gadolinium	160-1	40	23	47	37	32.79	cps
Gadolinium	160-2	200	253	247	233	12.46	cps
Holmium	165-1	10277416	9729469	10310166	10105684	3.23	cps
Holmium	165-2	6059651	6129955	6064817	6084808	0.64	cps
Indium	115-1	7528239	7206291	7656253	7463594	3.11	cps
Indium	115-2	2326031	2344669	2295456	2322052	1.07	cps
Iron	56-2	41263	40311	38833	40136	3.05	cps
Iron	57-2	1680	1703	1633	1672	2.13	cps
Iron	54-2	3154	3170	3060	3128	1.90	cps
Krypton	83-1	140	173	190	168	15.17	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:58:16	DataFile Name :	135CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1313	1120	1193	1209	8.07	cps
Lead	207-1	1143	950	1020	1038	9.43	cps
Lead	208-1	5114	4554	4694	4787	6.09	cps
Lithium	6-1	1111338	1079870	1082176	1091128	1.61	cps
Magnesium	24-2	2167	2330	2184	2227	4.04	cps
Manganese	55-2	1293	1353	1307	1318	2.39	cps
Molybdenum	94-1	1157	1123	987	1089	8.27	cps
Molybdenum	95-1	920	763	730	804	12.61	cps
Molybdenum	96-1	1087	1053	1043	1061	2.14	cps
Molybdenum	97-1	563	520	497	527	6.42	cps
Molybdenum	98-1	1347	1353	1480	1393	5.39	cps
Neodymium	150-1	70	40	30	47	44.61	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	120	100	110	110	9.09	cps
Phosphorus	31-2	110	120	117	116	4.41	cps
Potassium	39-2	36958	37098	36464	36840	0.91	cps
Rhodium	103-1	6797494	6554514	6870657	6740888	2.46	cps
Rhodium	103-2	3893446	3935694	3879954	3903031	0.75	cps
Scandium	45-1	3683944	3554315	3696347	3644869	2.16	cps
Scandium	45-2	331586	334734	328933	331751	0.88	cps
Selenium	82-1	365	325	315	335	7.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	177	213	183	191	10.22	cps
Silicon	28-1	161455	163372	163645	162824	0.73	cps
Silver	107-1	413	423	317	384	15.32	cps
Silver	109-1	417	310	247	324	26.48	cps
Sodium	23-2	19903	19809	19396	19703	1.37	cps
Strontium	86-1	1133	1073	1107	1104	2.72	cps
Strontium	88-1	7779	7402	6782	7321	6.88	cps
Sulfur	34-1	145489	146824	146714	146342	0.51	cps
Terbium	159-1	10566662	10154151	10596368	10439060	2.37	cps
Terbium	159-2	6131272	6085288	6036693	6084418	0.78	cps
Thallium	203-1	740	647	633	673	8.63	cps
Thallium	205-1	1660	1397	1593	1550	8.83	cps
Tin	118-1	2110	3052	2450	2537	18.79	cps
Titanium	47-1	300	287	307	298	3.42	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 21:58:16	DataFile Name :	135CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	400	377	327	368	10.19	cps
Vanadium	51-2	120	120	110	117	4.95	cps
Yttrium	89-1	11658979	11278408	11769375	11568921	2.23	cps
Yttrium	89-2	2881395	2855393	2821909	2852899	1.05	cps
Zinc	66-2	510	477	403	463	11.78	cps
Zirconium	90-1	1720	1577	1643	1647	4.36	cps
Zirconium	91-1	430	407	317	384	15.57	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:04:19	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6940808	6854743	6889196	6894916	0.63	cps
Antimony	121-1	33733	34271	33492	33832	1.18	cps
Arsenic	75-2	55333	55031	54704	55023	0.57	cps
Barium	135-1	1197681	1191348	1189734	1192921	0.35	cps
Barium	137-1	2274032	2246376	2263493	2261300	0.62	cps
Beryllium	9-1	2172	1850	2011	2011	8.01	cps
Bismuth	209-1	6031588	6170716	6147199	6116501	1.22	cps
Bismuth	209-2	4109163	4237927	4222214	4189768	1.68	cps
Bromine	81-1	12008	11661	11515	11728	2.16	cps
Bromine	81-2	540	603	617	587	6.98	cps
Cadmium	108-1	487	410	493	463	9.99	cps
Cadmium	106-1	3080	2977	2920	2993	2.71	cps
Cadmium	111-1	6066	5844	6116	6009	2.41	cps
Calcium	43-1	196559	196141	193500	195400	0.85	cps
Calcium	44-1	3010812	2996142	2923293	2976749	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	340250	337424	338122	338599	0.43	cps
Cobalt	59-2	280020	277243	277397	278220	0.56	cps
Copper	63-2	988298	975019	972902	978740	0.85	cps
Dysprosium	156-1	72580	74007	74680	73755	1.45	cps
Dysprosium	156-2	55221	54853	54877	54984	0.37	cps
Erbium	164-1	53746	54091	53542	53793	0.52	cps
Erbium	164-2	32588	32792	32922	32767	0.51	cps
Gadolinium	160-1	65244	66490	66102	65945	0.97	cps
Gadolinium	160-2	42621	43367	42508	42832	1.09	cps
Holmium	165-1	9523379	9595342	9585296	9568006	0.41	cps
Holmium	165-2	5793227	5874721	5953584	5873844	1.37	cps
Indium	115-1	7390490	7287539	7197910	7291980	1.32	cps
Indium	115-2	2229324	2209540	2229023	2222629	0.51	cps
Iron	56-2	309101415	303220675	302973249	305098447	1.14	cps
Iron	57-2	7557944	7535235	7561487	7551555	0.19	cps
Iron	54-2	16757317	16626242	16487241	16623600	0.81	cps
Krypton	83-1	247	237	267	250	6.11	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:04:19	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	544064	554682	558343	552363	1.34	cps
Lead	207-1	479976	486405	489209	485197	0.98	cps
Lead	208-1	2161468	2209632	2237745	2202948	1.75	cps
Lithium	6-1	1095827	1122682	1101819	1106776	1.27	cps
Magnesium	24-2	6250963	6201462	6190453	6214293	0.52	cps
Manganese	55-2	7073670	6981783	6954822	7003425	0.89	cps
Molybdenum	94-1	72568	70679	71359	71536	1.34	cps
Molybdenum	95-1	6748	6685	7205	6879	4.13	cps
Molybdenum	96-1	23923	23609	23452	23661	1.01	cps
Molybdenum	97-1	4417	4244	4437	4366	2.44	cps
Molybdenum	98-1	10944	10514	10771	10743	2.02	cps
Neodymium	150-1	139357	141512	141673	140847	0.92	cps
Neodymium	150-2	71859	72465	72069	72131	0.43	cps
Nickel	60-2	135293	136343	135394	135677	0.43	cps
Phosphorus	31-2	20697	20531	20627	20618	0.41	cps
Potassium	39-2	3091663	3042521	3039538	3057907	0.96	cps
Rhodium	103-1	6706962	6701313	6579550	6662608	1.08	cps
Rhodium	103-2	3726102	3729874	3758507	3738161	0.47	cps
Scandium	45-1	4137858	4042885	3989576	4056773	1.85	cps
Scandium	45-2	354659	353247	356465	354790	0.45	cps
Selenium	82-1	506	460	432	466	8.06	cps
Selenium	77-2	177	213	217	202	10.98	cps
Selenium	78-2	473	430	333	412	17.39	cps
Silicon	28-1	19866186	20074698	19353131	19764672	1.88	cps
Silver	107-1	15238	15258	16006	15501	2.82	cps
Silver	109-1	14861	14904	14761	14842	0.50	cps
Sodium	23-2	86813	85985	86380	86393	0.48	cps
Strontium	86-1	236975	235900	233590	235488	0.73	cps
Strontium	88-1	2155904	2150085	2147921	2151304	0.19	cps
Sulfur	34-1	152133	145165	140677	145992	3.95	cps
Terbium	159-1	9940900	9946083	9914988	9933991	0.17	cps
Terbium	159-2	5823480	5800610	5827761	5817284	0.25	cps
Thallium	203-1	4514	4517	4554	4529	0.49	cps
Thallium	205-1	10651	10664	11068	10794	2.20	cps
Tin	118-1	22000	22134	22090	22075	0.31	cps
Titanium	47-1	1135623	1115987	1102244	1117951	1.50	cps

Reviewed By:mohan
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LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4522-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:04:19	DataFile Name :	136SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34294	36279	36022	35532	3.04	cps
Vanadium	51-2	621778	612922	615642	616781	0.74	cps
Yttrium	89-1	12728292	12463449	12349123	12513621	1.55	cps
Yttrium	89-2	2939267	2942804	2963752	2948608	0.45	cps
Zinc	66-2	168738	168071	168367	168392	0.20	cps
Zirconium	90-1	183386	183424	182917	183242	0.15	cps
Zirconium	91-1	40893	40606	41134	40878	0.65	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07ARE	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:07:26	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6645189	6607481	6654667	6635779	0.38	cps
Antimony	121-1	49957	50850	51237	50681	1.30	cps
Arsenic	75-2	86821	85353	87361	86512	1.20	cps
Barium	135-1	1216174	1235822	1242788	1231595	1.12	cps
Barium	137-1	2328886	2300663	2353775	2327775	1.14	cps
Beryllium	9-1	2033	1917	1961	1971	2.99	cps
Bismuth	209-1	6389263	6314381	6315297	6339647	0.68	cps
Bismuth	209-2	4210039	4227833	4209830	4215901	0.25	cps
Bromine	81-1	9993	9943	9493	9810	2.81	cps
Bromine	81-2	457	393	430	427	7.45	cps
Cadmium	108-1	717	777	740	744	4.06	cps
Cadmium	106-1	3837	3654	3620	3704	3.15	cps
Cadmium	111-1	9913	10060	9635	9869	2.19	cps
Calcium	43-1	177501	181464	178055	179006	1.20	cps
Calcium	44-1	2720336	2723591	2710961	2718296	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	311100	309289	309504	309965	0.32	cps
Cobalt	59-2	274911	272791	274175	273959	0.39	cps
Copper	63-2	1369502	1367014	1359283	1365266	0.39	cps
Dysprosium	156-1	77194	78374	78166	77911	0.81	cps
Dysprosium	156-2	57587	57413	57952	57651	0.48	cps
Erbium	164-1	55787	56801	57156	56582	1.26	cps
Erbium	164-2	33844	33767	34081	33898	0.48	cps
Gadolinium	160-1	68560	69504	69009	69024	0.68	cps
Gadolinium	160-2	43919	44022	44571	44170	0.79	cps
Holmium	165-1	9822744	10024507	9890056	9912436	1.04	cps
Holmium	165-2	5817875	5952174	5827788	5865946	1.28	cps
Indium	115-1	7139466	7152276	7041237	7110993	0.85	cps
Indium	115-2	2203827	2192032	2205240	2200367	0.33	cps
Iron	56-2	322309815	318728562	319635882	320224753	0.58	cps
Iron	57-2	7889144	7937967	7863597	7896903	0.48	cps
Iron	54-2	17305609	17346364	17369168	17340381	0.19	cps
Krypton	83-1	263	280	190	244	19.59	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07ARE	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:07:26	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	943571	963349	968542	958487	1.37	cps
Lead	207-1	830662	847470	861574	846569	1.83	cps
Lead	208-1	4097459	4202638	4152415	4150837	1.27	cps
Lithium	6-1	1072034	1076205	1069272	1072504	0.33	cps
Magnesium	24-2	6288493	6297342	6258849	6281561	0.32	cps
Manganese	55-2	6269036	6219912	6284296	6257748	0.54	cps
Molybdenum	94-1	109441	110557	111067	110355	0.75	cps
Molybdenum	95-1	9413	9640	9423	9492	1.35	cps
Molybdenum	96-1	32062	32914	33238	32738	1.86	cps
Molybdenum	97-1	5915	5975	5711	5867	2.35	cps
Molybdenum	98-1	14551	14881	15225	14885	2.26	cps
Neodymium	150-1	147563	150628	149355	149182	1.03	cps
Neodymium	150-2	75896	74904	75480	75427	0.66	cps
Nickel	60-2	145041	144996	145720	145252	0.28	cps
Phosphorus	31-2	21859	21498	21759	21705	0.86	cps
Potassium	39-2	2777170	2767141	2767074	2770462	0.21	cps
Rhodium	103-1	6362764	6429768	6419978	6404170	0.57	cps
Rhodium	103-2	3671765	3683503	3670572	3675280	0.19	cps
Scandium	45-1	3823552	3793197	3774180	3796976	0.66	cps
Scandium	45-2	344394	344064	344626	344361	0.08	cps
Selenium	82-1	454	440	496	463	6.36	cps
Selenium	77-2	137	257	257	217	31.98	cps
Selenium	78-2	363	363	433	387	10.45	cps
Silicon	28-1	15992534	16129560	16022397	16048164	0.45	cps
Silver	107-1	18121	18388	18499	18336	1.06	cps
Silver	109-1	17020	17424	17801	17415	2.24	cps
Sodium	23-2	91214	90393	90356	90655	0.53	cps
Strontium	86-1	263519	265204	265117	264613	0.36	cps
Strontium	88-1	2419045	2448747	2400519	2422771	1.00	cps
Sulfur	34-1	132875	133131	132398	132801	0.28	cps
Terbium	159-1	10015652	10011277	10015858	10014262	0.03	cps
Terbium	159-2	5782490	5815350	5907038	5834959	1.11	cps
Thallium	203-1	6545	6325	6332	6400	1.96	cps
Thallium	205-1	15385	15255	16263	15635	3.51	cps
Tin	118-1	23810	24160	24020	23997	0.74	cps
Titanium	47-1	1199155	1212875	1213123	1208384	0.66	cps

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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07ARE	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:07:26	DataFile Name :	137SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38689	38455	39639	38928	1.61	cps
Vanadium	51-2	637501	635165	630463	634376	0.57	cps
Yttrium	89-1	12098904	11982149	11983405	12021486	0.56	cps
Yttrium	89-2	2913624	2873407	2945511	2910847	1.24	cps
Zinc	66-2	216371	213331	215773	215158	0.75	cps
Zirconium	90-1	280679	284378	282536	282531	0.65	cps
Zirconium	91-1	63125	63791	63520	63479	0.53	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4H7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:10:34	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7758951	7699849	7717920	7725573	0.39	cps
Antimony	121-1	15382	15675	16306	15788	2.99	cps
Arsenic	75-2	50987	49853	50502	50448	1.13	cps
Barium	135-1	1252846	1279849	1287307	1273334	1.42	cps
Barium	137-1	2376917	2380086	2414744	2390582	0.88	cps
Beryllium	9-1	1878	1928	1922	1909	1.44	cps
Bismuth	209-1	6383207	6399544	6303247	6361999	0.81	cps
Bismuth	209-2	4184627	4242505	4289457	4238863	1.24	cps
Bromine	81-1	10801	10741	11154	10899	2.05	cps
Bromine	81-2	647	740	630	672	8.82	cps
Cadmium	108-1	487	450	517	484	6.89	cps
Cadmium	106-1	3207	3050	3037	3098	3.05	cps
Cadmium	111-1	6605	6728	6375	6569	2.73	cps
Calcium	43-1	175741	178087	178044	177291	0.76	cps
Calcium	44-1	2662008	2730034	2736275	2709439	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	327028	326816	327767	327203	0.15	cps
Cobalt	59-2	292664	295053	296443	294720	0.65	cps
Copper	63-2	1029394	1031640	1028297	1029777	0.17	cps
Dysprosium	156-1	78722	80573	80187	79827	1.22	cps
Dysprosium	156-2	57996	58203	58059	58086	0.18	cps
Erbium	164-1	60109	60899	61448	60818	1.11	cps
Erbium	164-2	35415	35572	36097	35694	1.00	cps
Gadolinium	160-1	72456	72168	73826	72817	1.22	cps
Gadolinium	160-2	46390	46891	45600	46294	1.41	cps
Holmium	165-1	9961599	10075196	10012116	10016304	0.57	cps
Holmium	165-2	5924170	5921597	5896681	5914149	0.26	cps
Indium	115-1	7060119	7074224	7075609	7069984	0.12	cps
Indium	115-2	2163025	2165222	2185201	2171149	0.56	cps
Iron	56-2	298785856	298384209	297817502	298329189	0.16	cps
Iron	57-2	7343821	7372802	7394070	7370231	0.34	cps
Iron	54-2	16287646	16151475	16291176	16243432	0.49	cps
Krypton	83-1	160	240	213	204	19.92	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4H7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:10:34	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	604159	622184	624471	616938	1.80	cps
Lead	207-1	536211	535888	542821	538307	0.73	cps
Lead	208-1	2411463	2445412	2469033	2441969	1.19	cps
Lithium	6-1	1045666	1068761	1062277	1058901	1.12	cps
Magnesium	24-2	6716595	6708631	6711025	6712084	0.06	cps
Manganese	55-2	7099934	7091004	7026512	7072483	0.57	cps
Molybdenum	94-1	73305	73818	74177	73767	0.59	cps
Molybdenum	95-1	5508	5921	6045	5825	4.83	cps
Molybdenum	96-1	21960	22691	22871	22507	2.14	cps
Molybdenum	97-1	3494	3504	3414	3470	1.42	cps
Molybdenum	98-1	8623	8766	8759	8716	0.93	cps
Neodymium	150-1	146457	149766	151016	149080	1.58	cps
Neodymium	150-2	74827	75176	75246	75083	0.30	cps
Nickel	60-2	132996	131745	132405	132382	0.47	cps
Phosphorus	31-2	18234	18321	18431	18329	0.54	cps
Potassium	39-2	3241777	3276545	3236081	3251468	0.67	cps
Rhodium	103-1	6324218	6341851	6320656	6328908	0.18	cps
Rhodium	103-2	3646588	3646904	3652816	3648769	0.10	cps
Scandium	45-1	3711790	3741556	3717774	3723707	0.42	cps
Scandium	45-2	342397	339174	340000	340524	0.49	cps
Selenium	82-1	536	427	506	490	11.57	cps
Selenium	77-2	213	220	243	226	6.98	cps
Selenium	78-2	353	353	357	354	0.54	cps
Silicon	28-1	25443508	25778062	25660633	25627401	0.66	cps
Silver	107-1	16056	16263	15882	16067	1.19	cps
Silver	109-1	14794	15211	15345	15117	1.90	cps
Sodium	23-2	90141	90497	89706	90115	0.44	cps
Strontium	86-1	198020	201952	205736	201903	1.91	cps
Strontium	88-1	1837402	1869003	1849205	1851870	0.86	cps
Sulfur	34-1	126788	126267	124889	125981	0.78	cps
Terbium	159-1	10071626	10070931	10129253	10090603	0.33	cps
Terbium	159-2	5828343	5812833	5850218	5830465	0.32	cps
Thallium	203-1	42596	44629	43787	43671	2.34	cps
Thallium	205-1	103916	106415	106563	105632	1.41	cps
Tin	118-1	20665	21049	21623	21112	2.28	cps
Titanium	47-1	997721	1010874	1015868	1008155	0.93	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4525-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4H7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:10:34	DataFile Name :	138SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36426	37981	37804	37404	2.27	cps
Vanadium	51-2	578935	576523	573333	576264	0.49	cps
Yttrium	89-1	11915262	12012781	11937041	11955028	0.43	cps
Yttrium	89-2	2861164	2907429	2881753	2883449	0.80	cps
Zinc	66-2	165637	165627	165007	165424	0.22	cps
Zirconium	90-1	187885	191572	191008	190155	1.04	cps
Zirconium	91-1	41809	43361	43120	42763	1.95	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4M3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:13:41	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7822969	7860037	7757848	7813618	0.66	cps
Antimony	121-1	17865	18762	18379	18335	2.46	cps
Arsenic	75-2	40813	41190	39954	40652	1.56	cps
Barium	135-1	1076865	1103691	1103638	1094731	1.41	cps
Barium	137-1	2047662	2078971	2088576	2071736	1.03	cps
Beryllium	9-1	1911	2072	1933	1972	4.43	cps
Bismuth	209-1	6454550	6456507	6385496	6432184	0.63	cps
Bismuth	209-2	4234888	4235825	4276304	4249006	0.56	cps
Bromine	81-1	11141	11181	11658	11327	2.54	cps
Bromine	81-2	680	693	610	661	6.77	cps
Cadmium	108-1	457	380	400	412	9.65	cps
Cadmium	106-1	3480	3374	3117	3324	5.62	cps
Cadmium	111-1	5024	5046	4849	4973	2.17	cps
Calcium	43-1	216255	219451	219183	218296	0.81	cps
Calcium	44-1	3287645	3326034	3370084	3327921	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	326485	322443	323079	324002	0.67	cps
Cobalt	59-2	230825	230592	228868	230095	0.46	cps
Copper	63-2	722109	717731	721271	720371	0.32	cps
Dysprosium	156-1	75287	77626	77693	76869	1.78	cps
Dysprosium	156-2	57427	57209	56804	57147	0.55	cps
Erbium	164-1	59375	61330	60246	60317	1.62	cps
Erbium	164-2	35645	35665	35575	35629	0.13	cps
Gadolinium	160-1	72098	71833	73444	72458	1.19	cps
Gadolinium	160-2	46925	45490	45477	45964	1.81	cps
Holmium	165-1	9943833	10032361	10052568	10009587	0.58	cps
Holmium	165-2	5910845	5938239	5846469	5898518	0.80	cps
Indium	115-1	7051220	7143287	7022318	7072275	0.89	cps
Indium	115-2	2184485	2207976	2183825	2192095	0.63	cps
Iron	56-2	261542783	262823123	262792609	262386172	0.28	cps
Iron	57-2	6519894	6518560	6456703	6498385	0.56	cps
Iron	54-2	14186244	14279180	14167669	14211031	0.42	cps
Krypton	83-1	243	250	247	247	1.35	cps

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On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4M3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:13:41	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	419271	422397	427571	423080	0.99	cps
Lead	207-1	362867	366390	368307	365855	0.75	cps
Lead	208-1	1651473	1681346	1689315	1674045	1.19	cps
Lithium	6-1	1048967	1067438	1046153	1054186	1.10	cps
Magnesium	24-2	5681515	5610529	5607640	5633228	0.74	cps
Manganese	55-2	5561985	5594796	5571163	5575981	0.30	cps
Molybdenum	94-1	107726	110167	110022	109305	1.25	cps
Molybdenum	95-1	5688	5835	6061	5861	3.21	cps
Molybdenum	96-1	27068	27636	29039	27914	3.63	cps
Molybdenum	97-1	3444	3744	3527	3572	4.34	cps
Molybdenum	98-1	8849	8813	8799	8821	0.29	cps
Neodymium	150-1	143946	146088	150382	146805	2.23	cps
Neodymium	150-2	75025	73989	73195	74070	1.24	cps
Nickel	60-2	117721	116582	116222	116842	0.67	cps
Phosphorus	31-2	20036	20470	20243	20250	1.07	cps
Potassium	39-2	3864097	3827520	3827398	3839671	0.55	cps
Rhodium	103-1	6320849	6379292	6334552	6344898	0.48	cps
Rhodium	103-2	3671484	3655781	3614340	3647202	0.81	cps
Scandium	45-1	3695926	3714733	3699051	3703237	0.27	cps
Scandium	45-2	339259	335943	336257	337153	0.54	cps
Selenium	82-1	454	457	387	433	9.23	cps
Selenium	77-2	193	227	187	202	10.60	cps
Selenium	78-2	300	363	327	330	9.64	cps
Silicon	28-1	21051015	21277726	21616451	21315064	1.34	cps
Silver	107-1	14497	14704	15051	14751	1.90	cps
Silver	109-1	13960	13810	13977	13916	0.66	cps
Sodium	23-2	114122	114907	115532	114854	0.62	cps
Strontium	86-1	236975	243637	244937	241850	1.77	cps
Strontium	88-1	2149930	2196636	2247984	2198183	2.23	cps
Sulfur	34-1	128781	126538	127144	127488	0.91	cps
Terbium	159-1	10185452	10265498	10115508	10188820	0.74	cps
Terbium	159-2	5894551	5860884	5870648	5875361	0.29	cps
Thallium	203-1	4061	4434	4247	4247	4.40	cps
Thallium	205-1	9910	10101	10417	10143	2.53	cps
Tin	118-1	24364	25139	25733	25079	2.74	cps
Titanium	47-1	1267459	1308328	1320054	1298614	2.13	cps

Reviewed By:mohan
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Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4526-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4M3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:13:41	DataFile Name :	139SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41765	42156	42447	42123	0.81	cps
Vanadium	51-2	485360	486398	485035	485598	0.15	cps
Yttrium	89-1	11661978	11953604	11917120	11844234	1.34	cps
Yttrium	89-2	2860773	2850405	2853372	2854850	0.19	cps
Zinc	66-2	154594	154405	153150	154049	0.51	cps
Zirconium	90-1	278895	288258	288792	285315	1.95	cps
Zirconium	91-1	61726	63627	65863	63739	3.25	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07A	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:16:50	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6228356	6217897	6218115	6221456	0.10	cps
Antimony	121-1	48394	49615	50692	49567	2.32	cps
Arsenic	75-2	82166	81998	82216	82126	0.14	cps
Barium	135-1	1185648	1200943	1216816	1201135	1.30	cps
Barium	137-1	2263445	2251357	2279467	2264757	0.62	cps
Beryllium	9-1	1778	1506	1789	1691	9.49	cps
Bismuth	209-1	6498359	6525603	6643107	6555690	1.17	cps
Bismuth	209-2	4300987	4229227	4275201	4268472	0.85	cps
Bromine	81-1	9570	10057	9857	9828	2.49	cps
Bromine	81-2	383	337	350	357	6.74	cps
Cadmium	108-1	703	787	737	742	5.65	cps
Cadmium	106-1	3807	3490	3440	3579	5.56	cps
Cadmium	111-1	9478	9215	9635	9442	2.25	cps
Calcium	43-1	165144	169235	169841	168074	1.52	cps
Calcium	44-1	2525672	2567087	2563602	2552120	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	295579	293700	296073	295117	0.42	cps
Cobalt	59-2	261579	260957	260392	260976	0.23	cps
Copper	63-2	1304905	1300847	1302793	1302848	0.16	cps
Dysprosium	156-1	75374	75930	76691	75998	0.87	cps
Dysprosium	156-2	55512	56393	56316	56074	0.87	cps
Erbium	164-1	55342	55807	56530	55893	1.07	cps
Erbium	164-2	32685	33310	32214	32736	1.68	cps
Gadolinium	160-1	66038	67887	68463	67462	1.88	cps
Gadolinium	160-2	43872	42728	42049	42883	2.15	cps
Holmium	165-1	9992996	9949456	10017263	9986572	0.34	cps
Holmium	165-2	5919976	5823727	5828531	5857412	0.93	cps
Indium	115-1	7112302	7073388	7120494	7102061	0.35	cps
Indium	115-2	2193621	2187746	2157415	2179594	0.89	cps
Iron	56-2	305373822	303394575	303167155	303978518	0.40	cps
Iron	57-2	7547257	7556104	7488742	7530701	0.49	cps
Iron	54-2	16500552	16468240	16469411	16479401	0.11	cps
Krypton	83-1	200	167	203	190	10.67	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07A	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:16:50	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3478896	3476118	3426464	3460493	0.85	cps
Lead	207-1	3041308	3088153	3059358	3062940	0.77	cps
Lead	208-1	13751850	13969755	13933398	13885001	0.84	cps
Lithium	6-1	1026794	1043867	1020949	1030536	1.16	cps
Magnesium	24-2	5907811	5878024	5879456	5888430	0.29	cps
Manganese	55-2	5986658	5999736	5924921	5970438	0.67	cps
Molybdenum	94-1	104583	106570	106241	105798	1.01	cps
Molybdenum	95-1	9136	9003	9146	9095	0.88	cps
Molybdenum	96-1	31397	31661	31417	31492	0.47	cps
Molybdenum	97-1	5711	5688	5788	5729	0.91	cps
Molybdenum	98-1	14347	14354	14567	14423	0.87	cps
Neodymium	150-1	145444	145492	147276	146071	0.71	cps
Neodymium	150-2	74907	74418	72940	74089	1.38	cps
Nickel	60-2	138122	138876	138573	138524	0.27	cps
Phosphorus	31-2	20287	20407	19950	20215	1.17	cps
Potassium	39-2	2581517	2598631	2603774	2594641	0.45	cps
Rhodium	103-1	6376099	6308585	6421382	6368689	0.89	cps
Rhodium	103-2	3715715	3665326	3667747	3682929	0.77	cps
Scandium	45-1	3641300	3700537	3668977	3670271	0.81	cps
Scandium	45-2	332593	332775	332690	332686	0.03	cps
Selenium	82-1	479	499	513	497	3.41	cps
Selenium	77-2	237	230	173	213	16.31	cps
Selenium	78-2	337	317	323	326	3.13	cps
Silicon	28-1	14794454	14994327	15335773	15041518	1.82	cps
Silver	107-1	17671	18418	17958	18016	2.09	cps
Silver	109-1	16880	16930	17000	16937	0.36	cps
Sodium	23-2	86048	85469	85469	85662	0.39	cps
Strontium	86-1	252270	257563	255576	255136	1.05	cps
Strontium	88-1	2308257	2351654	2328856	2329589	0.93	cps
Sulfur	34-1	125507	125789	124566	125287	0.51	cps
Terbium	159-1	10170844	10173022	10118305	10154057	0.31	cps
Terbium	159-2	5865897	5803051	5877877	5848942	0.69	cps
Thallium	203-1	6268	6251	6218	6246	0.41	cps
Thallium	205-1	14952	15279	15616	15282	2.17	cps
Tin	118-1	23396	23639	23860	23632	0.98	cps
Titanium	47-1	1114202	1132796	1140847	1129282	1.21	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4523-07A	Instrumnet Name :	P7
Client Sample ID :	MYE4T8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:16:50	DataFile Name :	140SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39024	39221	40150	39465	1.52	cps
Vanadium	51-2	598184	598430	601144	599253	0.27	cps
Yttrium	89-1	11900101	11862607	11816406	11859705	0.35	cps
Yttrium	89-2	2881753	2854252	2826865	2854290	0.96	cps
Zinc	66-2	203872	205084	204861	204606	0.32	cps
Zirconium	90-1	265174	274233	274148	271185	1.92	cps
Zirconium	91-1	59902	60875	61411	60729	1.26	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:19:53	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9517075	9476426	9416561	9470021	0.53	cps
Antimony	121-1	27112	27055	26875	27014	0.46	cps
Arsenic	75-2	244166	243383	241988	243179	0.45	cps
Barium	135-1	1795991	1802194	1833070	1810418	1.10	cps
Barium	137-1	3030489	3134479	3123867	3096278	1.85	cps
Beryllium	9-1	2145	2245	2306	2232	3.65	cps
Bismuth	209-1	6485040	6404414	6456861	6448772	0.63	cps
Bismuth	209-2	4240736	4220736	4190933	4217468	0.59	cps
Bromine	81-1	10594	10744	10611	10649	0.77	cps
Bromine	81-2	597	603	640	613	3.80	cps
Cadmium	108-1	710	850	820	793	9.29	cps
Cadmium	106-1	3871	3831	3941	3881	1.44	cps
Cadmium	111-1	7410	7224	7529	7388	2.08	cps
Calcium	43-1	271973	273414	275077	273488	0.57	cps
Calcium	44-1	4066327	4186791	4177822	4143646	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	406921	405145	405676	405914	0.22	cps
Cobalt	59-2	309969	307358	309055	308794	0.43	cps
Copper	63-2	1420530	1407130	1405942	1411201	0.57	cps
Dysprosium	156-1	97505	100113	100402	99340	1.61	cps
Dysprosium	156-2	73126	72955	73678	73253	0.52	cps
Erbium	164-1	70125	72483	71234	71281	1.66	cps
Erbium	164-2	41682	42535	42558	42258	1.18	cps
Gadolinium	160-1	86438	87172	89443	87684	1.79	cps
Gadolinium	160-2	55566	55191	54174	54977	1.31	cps
Holmium	165-1	10021400	9982111	10010705	10004739	0.20	cps
Holmium	165-2	5811946	5863836	5841208	5838997	0.45	cps
Indium	115-1	6997800	7009860	6958781	6988813	0.38	cps
Indium	115-2	2162294	2170979	2117022	2150099	1.35	cps
Iron	56-2	358732195	357481128	358120541	358111288	0.17	cps
Iron	57-2	8883845	8788299	8825008	8832384	0.55	cps
Iron	54-2	19516560	19510399	19485479	19504146	0.08	cps
Krypton	83-1	263	250	217	243	9.88	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:19:53	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2512689	2559299	2562277	2544755	1.09	cps
Lead	207-1	2222864	2290164	2293889	2268972	1.76	cps
Lead	208-1	10060264	10305816	10331632	10232571	1.46	cps
Lithium	6-1	1011424	1033404	1017918	1020915	1.11	cps
Magnesium	24-2	7948184	7954457	7908559	7937067	0.31	cps
Manganese	55-2	6727093	6696635	6656812	6693513	0.53	cps
Molybdenum	94-1	181109	182670	185279	183019	1.15	cps
Molybdenum	95-1	6985	7202	7155	7114	1.60	cps
Molybdenum	96-1	42174	43297	43571	43014	1.72	cps
Molybdenum	97-1	4214	4264	4661	4380	5.59	cps
Molybdenum	98-1	10644	11134	11274	11018	3.00	cps
Neodymium	150-1	194401	197821	198699	196974	1.15	cps
Neodymium	150-2	98662	99169	98625	98819	0.31	cps
Nickel	60-2	188262	188013	187031	187769	0.35	cps
Phosphorus	31-2	26947	27234	26386	26856	1.61	cps
Potassium	39-2	3035759	3021276	3048999	3035345	0.46	cps
Rhodium	103-1	6191244	6223001	6303831	6239359	0.93	cps
Rhodium	103-2	3589128	3534826	3565898	3563284	0.76	cps
Scandium	45-1	3706465	3677890	3692142	3692166	0.39	cps
Scandium	45-2	336559	336860	335556	336325	0.20	cps
Selenium	82-1	500	508	523	510	2.30	cps
Selenium	77-2	327	290	320	312	6.25	cps
Selenium	78-2	440	390	483	438	10.67	cps
Silicon	28-1	24829690	25437840	25406075	25224535	1.36	cps
Silver	107-1	17360	17571	17364	17432	0.69	cps
Silver	109-1	16710	16897	16473	16693	1.27	cps
Sodium	23-2	95265	95319	94575	95053	0.44	cps
Strontium	86-1	429997	440395	444521	438304	1.71	cps
Strontium	88-1	3922280	4004897	3993473	3973550	1.13	cps
Sulfur	34-1	125147	126166	126579	125964	0.59	cps
Terbium	159-1	10106401	10195178	10228283	10176621	0.62	cps
Terbium	159-2	5870798	5810900	5793963	5825220	0.69	cps
Thallium	203-1	5731	5608	5691	5677	1.11	cps
Thallium	205-1	12873	12913	13477	13088	2.58	cps
Tin	118-1	21570	23065	22210	22282	3.37	cps
Titanium	47-1	1495568	1535023	1505386	1511992	1.36	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4527-01A	Instrumnet Name :	P7
Client Sample ID :	MYE4R9ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:19:53	DataFile Name :	141SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51586	52968	52596	52384	1.37	cps
Vanadium	51-2	681791	682909	681945	682215	0.09	cps
Yttrium	89-1	11771544	11893189	11909426	11858053	0.64	cps
Yttrium	89-2	2875657	2854024	2919525	2883068	1.16	cps
Zinc	66-2	219903	219929	219303	219712	0.16	cps
Zirconium	90-1	474141	485885	486479	482168	1.44	cps
Zirconium	91-1	106479	109293	109776	108516	1.64	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01A	Instrumnet Name :	P7
Client Sample ID :	MYE5G1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:22:57	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9882569	9888261	9915443	9895424	0.18	cps
Antimony	121-1	19967	20618	20361	20316	1.61	cps
Arsenic	75-2	121230	118720	121115	120355	1.18	cps
Barium	135-1	1377147	1396139	1402576	1391954	0.95	cps
Barium	137-1	2657290	2604853	2635273	2632472	1.00	cps
Beryllium	9-1	2828	3045	2961	2945	3.71	cps
Bismuth	209-1	6408244	6458047	6467391	6444561	0.49	cps
Bismuth	209-2	4273890	4252599	4156926	4227805	1.47	cps
Bromine	81-1	11635	11675	12128	11813	2.32	cps
Bromine	81-2	803	717	770	763	5.73	cps
Cadmium	108-1	933	1083	1037	1018	7.54	cps
Cadmium	106-1	4234	4097	4067	4133	2.15	cps
Cadmium	111-1	13485	13534	13656	13558	0.65	cps
Calcium	43-1	268835	273971	272585	271797	0.98	cps
Calcium	44-1	4051414	4142444	4145700	4113186	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	345556	344089	345921	345189	0.28	cps
Cobalt	59-2	256483	258410	256811	257235	0.40	cps
Copper	63-2	1863652	1896499	1895916	1885356	1.00	cps
Dysprosium	156-1	80522	82759	83707	82329	1.99	cps
Dysprosium	156-2	59398	61484	60536	60473	1.73	cps
Erbium	164-1	65553	67351	66859	66588	1.40	cps
Erbium	164-2	38730	38894	39813	39146	1.49	cps
Gadolinium	160-1	74543	76695	75532	75590	1.42	cps
Gadolinium	160-2	47962	47202	48353	47839	1.22	cps
Holmium	165-1	9988955	9937847	10032876	9986559	0.48	cps
Holmium	165-2	5894337	5885911	5802491	5860913	0.87	cps
Indium	115-1	6829746	6972285	6891969	6898000	1.04	cps
Indium	115-2	2122224	2136235	2141872	2133444	0.47	cps
Iron	56-2	337166548	336835542	339245528	337749206	0.39	cps
Iron	57-2	8405148	8394675	8432028	8410617	0.23	cps
Iron	54-2	18396426	18462010	18431980	18430139	0.18	cps
Krypton	83-1	230	210	223	221	4.61	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01A	Instrumnet Name :	P7
Client Sample ID :	MYE5G1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:22:57	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1175046	1206749	1209404	1197066	1.60	cps
Lead	207-1	1040507	1064425	1065294	1056742	1.33	cps
Lead	208-1	5152234	5218967	5227128	5199443	0.79	cps
Lithium	6-1	1011121	1042013	999351	1017495	2.17	cps
Magnesium	24-2	5630881	5668033	5683974	5660963	0.48	cps
Manganese	55-2	12235652	12164179	12335386	12245072	0.70	cps
Molybdenum	94-1	123814	127068	127415	126099	1.58	cps
Molybdenum	95-1	7239	7359	7292	7296	0.82	cps
Molybdenum	96-1	32650	33064	33739	33151	1.66	cps
Molybdenum	97-1	4427	4327	4487	4414	1.83	cps
Molybdenum	98-1	10501	10741	11061	10767	2.61	cps
Neodymium	150-1	151588	152639	154613	152947	1.00	cps
Neodymium	150-2	76921	75611	77294	76609	1.15	cps
Nickel	60-2	134163	134701	134254	134373	0.21	cps
Phosphorus	31-2	13609	14207	14167	13994	2.39	cps
Potassium	39-2	2697213	2690424	2705568	2697735	0.28	cps
Rhodium	103-1	6173647	6178998	6196753	6183133	0.20	cps
Rhodium	103-2	3559284	3559530	3597620	3572144	0.62	cps
Scandium	45-1	3603027	3577732	3584781	3588514	0.36	cps
Scandium	45-2	325878	324820	326542	325746	0.27	cps
Selenium	82-1	571	494	504	523	8.06	cps
Selenium	77-2	243	203	240	229	9.70	cps
Selenium	78-2	450	413	383	416	8.04	cps
Silicon	28-1	23143324	23788992	23622795	23518370	1.43	cps
Silver	107-1	24077	24290	24758	24375	1.43	cps
Silver	109-1	22187	23329	23245	22920	2.78	cps
Sodium	23-2	97442	98798	98818	98352	0.80	cps
Strontium	86-1	260726	267098	265311	264378	1.24	cps
Strontium	88-1	2377537	2425631	2452438	2418536	1.57	cps
Sulfur	34-1	121374	120379	122371	121375	0.82	cps
Terbium	159-1	10069392	10111489	10182823	10121235	0.57	cps
Terbium	159-2	5894157	5802731	5814373	5837087	0.85	cps
Thallium	203-1	5278	5551	5334	5388	2.68	cps
Thallium	205-1	12903	12829	12970	12901	0.54	cps
Tin	118-1	26137	27389	27019	26848	2.40	cps
Titanium	47-1	1249025	1269304	1274026	1264118	1.05	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4544-01A	Instrumnet Name :	P7
Client Sample ID :	MYE5G1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:22:57	DataFile Name :	142SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43882	44240	44929	44350	1.20	cps
Vanadium	51-2	661424	659365	659482	660090	0.18	cps
Yttrium	89-1	11530681	11758225	11643246	11644051	0.98	cps
Yttrium	89-2	2818567	2807775	2847829	2824724	0.73	cps
Zinc	66-2	261275	262136	263401	262270	0.41	cps
Zirconium	90-1	324341	329484	331835	328553	1.17	cps
Zirconium	91-1	72625	74427	74280	73777	1.36	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4520-08A	Instrumnet Name :	P7
Client Sample ID :	MYE4M1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:30:58	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3796617	3836994	3803603	3812404	0.57	cps
Antimony	121-1	3724	3784	3654	3721	1.75	cps
Arsenic	75-2	19713	19536	19837	19695	0.77	cps
Barium	135-1	807058	820831	829755	819215	1.40	cps
Barium	137-1	1400379	1433925	1445327	1426543	1.64	cps
Beryllium	9-1	956	1050	917	974	7.04	cps
Bismuth	209-1	6394799	6381667	6370907	6382458	0.19	cps
Bismuth	209-2	4316867	4366399	4360197	4347821	0.62	cps
Bromine	81-1	10214	10330	10934	10493	3.69	cps
Bromine	81-2	650	683	700	678	3.76	cps
Cadmium	108-1	367	353	393	371	5.49	cps
Cadmium	106-1	2824	2777	2734	2778	1.62	cps
Cadmium	111-1	5240	4937	5132	5103	3.01	cps
Calcium	43-1	448655	456630	462498	455928	1.52	cps
Calcium	44-1	6907140	6975261	7022417	6968273	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147574	148045	147684	147767	0.17	cps
Cobalt	59-2	142092	141967	140123	141394	0.78	cps
Copper	63-2	668860	666266	666923	667350	0.20	cps
Dysprosium	156-1	45447	46099	47242	46263	1.96	cps
Dysprosium	156-2	34526	33821	34472	34273	1.15	cps
Erbium	164-1	33931	34058	34623	34204	1.08	cps
Erbium	164-2	21053	21012	21290	21118	0.71	cps
Gadolinium	160-1	41575	41963	42752	42096	1.42	cps
Gadolinium	160-2	26742	26846	27741	27110	2.03	cps
Holmium	165-1	9814585	9778671	9876007	9823087	0.50	cps
Holmium	165-2	5941727	5884348	5817856	5881310	1.05	cps
Indium	115-1	7019539	7064850	6986025	7023471	0.56	cps
Indium	115-2	2203457	2190665	2172570	2188897	0.71	cps
Iron	56-2	117726338	117242985	117515925	117495083	0.21	cps
Iron	57-2	2927797	2933333	2906452	2922527	0.49	cps
Iron	54-2	6400718	6408628	6322568	6377305	0.75	cps
Krypton	83-1	177	160	173	170	5.19	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4520-08A	Instrumnet Name :	P7
Client Sample ID :	MYE4M1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:30:58	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2810678	2879611	2938163	2876151	2.22	cps
Lead	207-1	2495478	2551070	2547701	2531417	1.23	cps
Lead	208-1	11264220	11502905	11693449	11486858	1.87	cps
Lithium	6-1	1014177	1025213	1040000	1026463	1.26	cps
Magnesium	24-2	3592954	3584366	3566174	3581164	0.38	cps
Manganese	55-2	3748591	3727202	3699932	3725242	0.65	cps
Molybdenum	94-1	63534	64471	63169	63724	1.05	cps
Molybdenum	95-1	1737	1657	1680	1691	2.43	cps
Molybdenum	96-1	13590	14200	14167	13986	2.45	cps
Molybdenum	97-1	1037	937	993	989	5.07	cps
Molybdenum	98-1	2460	2494	2510	2488	1.02	cps
Neodymium	150-1	86657	89085	89528	88424	1.75	cps
Neodymium	150-2	45483	46078	45283	45615	0.91	cps
Nickel	60-2	64163	63423	63443	63677	0.66	cps
Phosphorus	31-2	17677	17650	17477	17601	0.62	cps
Potassium	39-2	2273381	2272382	2264054	2269939	0.23	cps
Rhodium	103-1	6236440	6234475	6205368	6225428	0.28	cps
Rhodium	103-2	3599287	3605673	3630289	3611749	0.45	cps
Scandium	45-1	3501706	3452447	3462607	3472253	0.75	cps
Scandium	45-2	315729	313157	314721	314536	0.41	cps
Selenium	82-1	447	382	376	402	9.77	cps
Selenium	77-2	143	150	120	138	11.43	cps
Selenium	78-2	287	280	297	288	2.92	cps
Silicon	28-1	20045848	20488457	20315955	20283420	1.10	cps
Silver	107-1	4544	4771	4737	4684	2.61	cps
Silver	109-1	4381	4541	4601	4507	2.52	cps
Sodium	23-2	97922	98013	97925	97953	0.05	cps
Strontium	86-1	187897	192568	192751	191072	1.44	cps
Strontium	88-1	1712103	1759811	1787275	1753063	2.17	cps
Sulfur	34-1	128125	128024	128307	128152	0.11	cps
Terbium	159-1	10058989	10105913	9998208	10054370	0.54	cps
Terbium	159-2	5794657	5794507	5676606	5755257	1.18	cps
Thallium	203-1	1970	2014	2104	2029	3.35	cps
Thallium	205-1	4577	4764	5148	4830	6.02	cps
Tin	118-1	4477	4931	4677	4695	4.84	cps
Titanium	47-1	463469	472454	478450	471458	1.60	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	P4520-08A	Instrumnet Name :	P7
Client Sample ID :	MYE4M1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:30:58	DataFile Name :	143SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16887	18229	18219	17779	4.34	cps
Vanadium	51-2	215309	216017	214082	215136	0.45	cps
Yttrium	89-1	11297041	11342051	11385121	11341404	0.39	cps
Yttrium	89-2	2784333	2780078	2754679	2773030	0.58	cps
Zinc	66-2	150240	147116	149432	148929	1.09	cps
Zirconium	90-1	167267	169781	171774	169608	1.33	cps
Zirconium	91-1	37418	38032	39196	38215	2.36	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:34:02	DataFile Name :	144CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8610648	8760922	8715193	8695588	0.89	cps
Antimony	121-1	4611508	4641455	4701914	4651626	0.99	cps
Arsenic	75-2	207094	207786	207604	207495	0.17	cps
Barium	135-1	6134862	6189842	6306325	6210343	1.41	cps
Barium	137-1	10541919	10636789	10752259	10643656	0.99	cps
Beryllium	9-1	572581	587541	597358	585827	2.13	cps
Bismuth	209-1	6068321	6017998	6197106	6094475	1.52	cps
Bismuth	209-2	3992220	4077716	4059131	4043022	1.11	cps
Bromine	81-1	8169	8282	8152	8201	0.86	cps
Bromine	81-2	73	80	90	81	10.34	cps
Cadmium	108-1	80015	81259	82677	81317	1.64	cps
Cadmium	106-1	115417	116821	118051	116763	1.13	cps
Cadmium	111-1	1089307	1107107	1111456	1102623	1.06	cps
Calcium	43-1	4984817	5070863	5106497	5054059	1.24	cps
Calcium	44-1	79311530	80328419	81585482	80408477	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1639039	1603956	1645864	1629620	1.38	cps
Cobalt	59-2	2620750	2555238	2607930	2594639	1.34	cps
Copper	63-2	18051629	18042866	17967629	18020708	0.26	cps
Dysprosium	156-1	423	417	470	437	6.65	cps
Dysprosium	156-2	360	413	463	412	12.54	cps
Erbium	164-1	253	367	327	316	18.22	cps
Erbium	164-2	213	180	187	193	9.12	cps
Gadolinium	160-1	217	243	190	217	12.31	cps
Gadolinium	160-2	383	400	347	377	7.24	cps
Holmium	165-1	9772875	9924731	9980033	9892547	1.08	cps
Holmium	165-2	5889285	5968816	5874740	5910947	0.86	cps
Indium	115-1	6670338	6707286	6715110	6697578	0.36	cps
Indium	115-2	2090211	2117203	2084409	2097275	0.83	cps
Iron	56-2	346009088	347944741	350123928	348025919	0.59	cps
Iron	57-2	8622768	8700435	8765114	8696105	0.82	cps
Iron	54-2	19216042	18950895	18997826	19054921	0.74	cps
Krypton	83-1	227	127	153	169	30.66	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:34:02	DataFile Name :	144CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19404293	19777037	20093254	19758195	1.75	cps
Lead	207-1	17182876	17404613	17717314	17434934	1.54	cps
Lead	208-1	78051641	79317916	80552676	79307411	1.58	cps
Lithium	6-1	1023796	1035872	1053980	1037883	1.46	cps
Magnesium	24-2	71897511	72931292	72174777	72334527	0.74	cps
Manganese	55-2	12124202	12203243	12229693	12185713	0.45	cps
Molybdenum	94-1	15938868	16212360	16278831	16143353	1.12	cps
Molybdenum	95-1	23445518	23766959	23899356	23703944	0.98	cps
Molybdenum	96-1	25610039	25875241	26076584	25853955	0.91	cps
Molybdenum	97-1	14750728	14877773	15062687	14897063	1.05	cps
Molybdenum	98-1	37998789	38357531	38577224	38311181	0.76	cps
Neodymium	150-1	343	497	423	421	18.21	cps
Neodymium	150-2	130	110	137	126	11.05	cps
Nickel	60-2	613779	614471	615558	614602	0.15	cps
Phosphorus	31-2	90133	91049	90398	90527	0.52	cps
Potassium	39-2	44669226	44326414	44449631	44481757	0.39	cps
Rhodium	103-1	5780411	5805851	5831467	5805910	0.44	cps
Rhodium	103-2	3345095	3404783	3417836	3389238	1.14	cps
Scandium	45-1	3339242	3311816	3388837	3346632	1.17	cps
Scandium	45-2	316857	318618	316752	317409	0.33	cps
Selenium	82-1	61500	62376	62364	62080	0.81	cps
Selenium	77-2	6045	6048	5848	5980	1.92	cps
Selenium	78-2	20184	19920	19743	19949	1.11	cps
Silicon	28-1	36324621	36747019	36999343	36690328	0.93	cps
Silver	107-1	5345682	5405803	5360975	5370820	0.58	cps
Silver	109-1	5079930	5131840	5169447	5127073	0.88	cps
Sodium	23-2	121495922	122114098	122371765	121993928	0.37	cps
Strontium	86-1	33435358	33739559	34126723	33767213	1.03	cps
Strontium	88-1	292539376	298756642	302050502	297782173	1.62	cps
Sulfur	34-1	420456	424976	429549	424994	1.07	cps
Terbium	159-1	9971638	9963602	10245407	10060216	1.59	cps
Terbium	159-2	5930471	5935823	5917759	5928018	0.16	cps
Thallium	203-1	4908377	5012783	5010534	4977231	1.20	cps
Thallium	205-1	11559281	11949651	11954849	11821260	1.92	cps
Tin	118-1	3732344	3782413	3818385	3777714	1.14	cps
Titanium	47-1	5125685	5188024	5276758	5196822	1.46	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:34:02	DataFile Name :	144CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16427771	16703324	16779434	16636843	1.11	cps
Vanadium	51-2	1466968	1451166	1456924	1458353	0.55	cps
Yttrium	89-1	10806139	10995112	10848101	10883117	0.91	cps
Yttrium	89-2	2674457	2680717	2673072	2676082	0.15	cps
Zinc	66-2	2893747	2936998	2932835	2921193	0.82	cps
Zirconium	90-1	7313253	7505591	7526065	7448303	1.58	cps
Zirconium	91-1	1655105	1670666	1684416	1670062	0.88	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:38:27	DataFile Name :	145CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	947	1514	783	1081	35.45	cps
Antimony	121-1	1393	1400	1443	1412	1.92	cps
Arsenic	75-2	13	33	17	21	50.75	cps
Barium	135-1	363	360	337	353	4.11	cps
Barium	137-1	690	643	653	662	3.71	cps
Beryllium	9-1	50	56	56	54	5.98	cps
Bismuth	209-1	6570785	6733181	6630932	6644966	1.24	cps
Bismuth	209-2	4429647	4455183	4455808	4446879	0.34	cps
Bromine	81-1	8299	8266	8816	8460	3.65	cps
Bromine	81-2	43	57	60	53	16.54	cps
Cadmium	108-1	13	7	10	10	33.30	cps
Cadmium	106-1	2217	2217	2417	2284	5.06	cps
Cadmium	111-1	1632	1610	1732	1658	3.89	cps
Calcium	43-1	343	373	320	346	7.74	cps
Calcium	44-1	9106	9046	9357	9170	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	650	593	613	619	4.64	cps
Cobalt	59-2	177	203	227	202	12.37	cps
Copper	63-2	1113	1160	1177	1150	2.85	cps
Dysprosium	156-1	177	167	177	173	3.33	cps
Dysprosium	156-2	53	43	47	48	10.66	cps
Erbium	164-1	83	67	60	70	17.17	cps
Erbium	164-2	40	30	43	38	18.36	cps
Gadolinium	160-1	30	27	30	29	6.65	cps
Gadolinium	160-2	207	223	270	233	14.07	cps
Holmium	165-1	10042941	10027271	10133967	10068060	0.57	cps
Holmium	165-2	5962639	5924304	6019390	5968778	0.80	cps
Indium	115-1	7341593	7404392	7350820	7365602	0.46	cps
Indium	115-2	2298196	2289855	2272941	2286997	0.56	cps
Iron	56-2	44101	50333	39037	44490	12.72	cps
Iron	57-2	1677	1827	1613	1706	6.43	cps
Iron	54-2	3250	3437	3117	3268	4.92	cps
Krypton	83-1	143	170	163	159	8.73	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:38:27	DataFile Name :	145CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1293	1327	1107	1242	9.55	cps
Lead	207-1	1120	1057	1070	1082	3.09	cps
Lead	208-1	5174	4987	4670	4944	5.15	cps
Lithium	6-1	1110011	1100483	1107427	1105974	0.45	cps
Magnesium	24-2	2284	5854	2184	3440	60.77	cps
Manganese	55-2	1257	1951	1180	1462	29.03	cps
Molybdenum	94-1	1050	960	1060	1023	5.38	cps
Molybdenum	95-1	860	713	837	803	9.81	cps
Molybdenum	96-1	1097	1093	1010	1067	4.60	cps
Molybdenum	97-1	483	477	530	497	5.85	cps
Molybdenum	98-1	1280	1287	1200	1256	3.84	cps
Neodymium	150-1	30	23	13	22	37.76	cps
Neodymium	150-2	7	20	3	10	88.20	cps
Nickel	60-2	70	120	103	98	26.04	cps
Phosphorus	31-2	113	103	113	110	5.25	cps
Potassium	39-2	36059	36444	35662	36055	1.09	cps
Rhodium	103-1	6589288	6684469	6620395	6631384	0.73	cps
Rhodium	103-2	3818932	3791141	3839302	3816459	0.63	cps
Scandium	45-1	3501216	3583912	3571748	3552292	1.26	cps
Scandium	45-2	322244	321297	324136	322559	0.45	cps
Selenium	82-1	283	295	313	297	5.18	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	203	200	223	209	6.04	cps
Silicon	28-1	155334	155128	158122	156195	1.07	cps
Silver	107-1	320	313	263	299	10.36	cps
Silver	109-1	273	233	243	250	8.33	cps
Sodium	23-2	20053	25847	20143	22015	15.08	cps
Strontium	86-1	1090	913	847	950	13.24	cps
Strontium	88-1	7862	6365	6341	6856	12.71	cps
Sulfur	34-1	140220	142050	143533	141935	1.17	cps
Terbium	159-1	10225616	10495254	10307653	10342841	1.34	cps
Terbium	159-2	5943108	5921984	5964533	5943208	0.36	cps
Thallium	203-1	523	543	480	516	6.28	cps
Thallium	205-1	1383	1363	1210	1319	7.19	cps
Tin	118-1	2003	2050	2090	2048	2.12	cps
Titanium	47-1	263	290	317	290	9.19	cps

Reviewed By:mohan
On:11/7/2024 12:56:17 AM
Inst Id :P7

LB Number :	LB133264	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-11-03 23:38:27	DataFile Name :	145CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	363	367	297	342	11.54	cps
Vanadium	51-2	97	127	67	97	31.03	cps
Yttrium	89-1	11306219	11386294	11478205	11390240	0.76	cps
Yttrium	89-2	2767737	2781121	2759717	2769525	0.39	cps
Zinc	66-2	417	473	433	441	6.60	cps
Zirconium	90-1	1700	1507	1660	1622	6.29	cps
Zirconium	91-1	343	293	310	316	8.07	cps

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Prep Standard - Chemical Standard Summary

Order ID : P4523

Test : Metals CLP MS FULL

Prepbatch ID : PB164596,

Sequence ID/Qc Batch ID: LB133264,

Standard ID :
MP81119,MP82127,MP82583,MP83014,MP83016,MP83032,MP83033,MP83034,MP83035,MP83036,MP83037,MP83038,MP83039,MP83041,MP83042,MP83043,MP83044,MP83048,MP83049,MP83050,MP83071,MP83074,

Chemical ID :
M5192,M5288,M5289,M5294,M5304,M5390,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5697,M5698,M5739,M5751,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6037,M6040,M6055,M6095,M6097,M6115,W2606,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	04/24/2025	Al-Terek Isaac	METALS_SCALE_2 (M SC-2)	METALS_PIPETTE_1 (ICP A)	Sarabjit Jaswal 06/21/2024

FROM 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP82127	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1250.00000ml of M6040 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP82583	09/28/2024	10/31/2024	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
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP83014	11/02/2024	11/25/2024	Sarabjit Jaswal	None	None	Mohan Bera 11/04/2024

FROM 25.00000ml of M6095 + 4925.00000ml of W3112 + 50.00000ml of M6115 = Final Quantity: 5000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP83016	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5769 + 5.00000ml of M5806 + 79.00000ml of MP83014 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP83032	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.40000ml of M5513 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6115 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6095 + 50.00000ml of M5304 + 832.80000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5751 + 9.90000ml of M5769 + 9.90000ml of M5806 = 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
3948	S6(SFAM,6020,200.8)	MP83033	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 48.50000ml of W3112 + 50.00000ml of MP83032 = 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)	MP83034	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 86.00000ml of W3112 + 12.50000ml of MP83032 = 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)	MP83035	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 73.50000ml of W3112 + 25.00000ml of MP83032 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP83036	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 88.50000ml of W3112 + 10.00000ml of MP83033 = 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
3955	S2CONC(SFAM,6020,200.8)	MP83037	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

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 M5751 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6095 + 226.25000ml of W3112 + 5.00000ml of M6115 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP83038	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 98.00000ml of W3112 + 0.50000ml of MP83037 = 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
3957	S1(SFAM,6020,200.8)	MP83039	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.50000ml of M6095 + 1.00000ml of M6115 + 88.50000ml of W3112 + 10.00000ml of MP83038 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP83041	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 2.00000ml of M5294 + 98.00000ml of MP83014 = 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
3961	CCV	MP83042	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

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 M5476 + 10.00000ml of M6115 + 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 M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6095 + 823.45000ml of W3112 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP83043	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP83014 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP83044	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83014 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP83048	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 0.01000ml of M5769 + 9.99000ml of MP83014 = 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	MP83049	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP83048 + 98.00000ml of MP83014 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP83050	11/02/2024	11/25/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 11/04/2024

FROM 5.00000ml of M6115 + 75.00000ml of M5739 + 170.00000ml of MP83014 = 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	MP83071	11/02/2024	11/25/2024	Sarabjit Jaswal	None	None	Mohan Bera 11/05/2024

FROM 0.01000ml of M6030 + 9.99000ml of MP83014 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
996	PB 100PPM	MP83074	11/02/2024	11/25/2024	Sarabjit Jaswal	None	None	Mohan Bera 11/05/2024

FROM 1.00000ml of M5513 + 9.00000ml of MP83014 = 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	01/01/2025	12/13/2023 / bin	02/20/2020 / bin	M5294

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	08/09/2025	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

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

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CHEMICAL RECEIPT LOG BOOK

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

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

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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.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

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CHEMICAL RECEIPT LOG BOOK

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

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

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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.	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

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

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

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

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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	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-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)		03/17/2029	10/26/2024 / Janvi	10/21/2024 / Janvi	M6095

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	03/25/2029	10/24/2024 / Janvi	09/21/2024 / Janvi	M6097

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	05/04/2025	11/02/2024 / Janvi	09/29/2024 / Eman	M6115

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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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M6028

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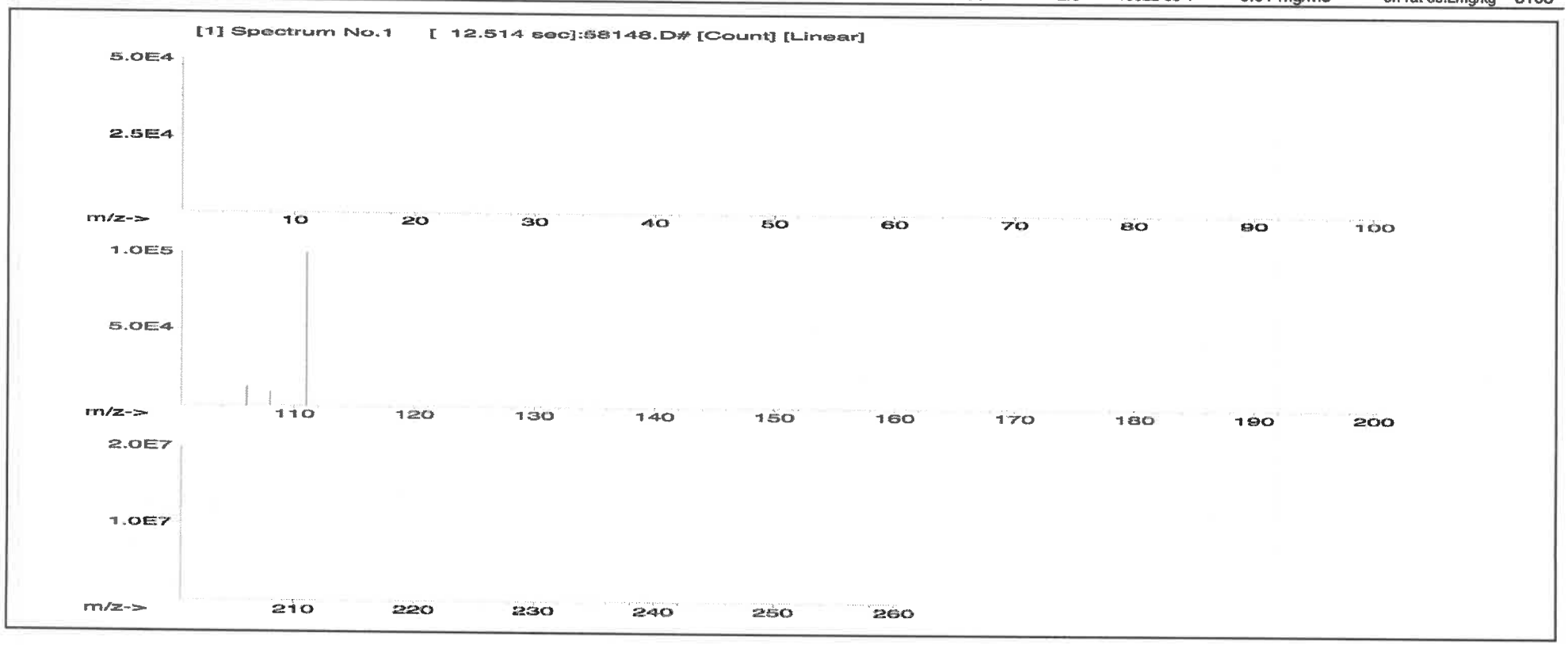
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

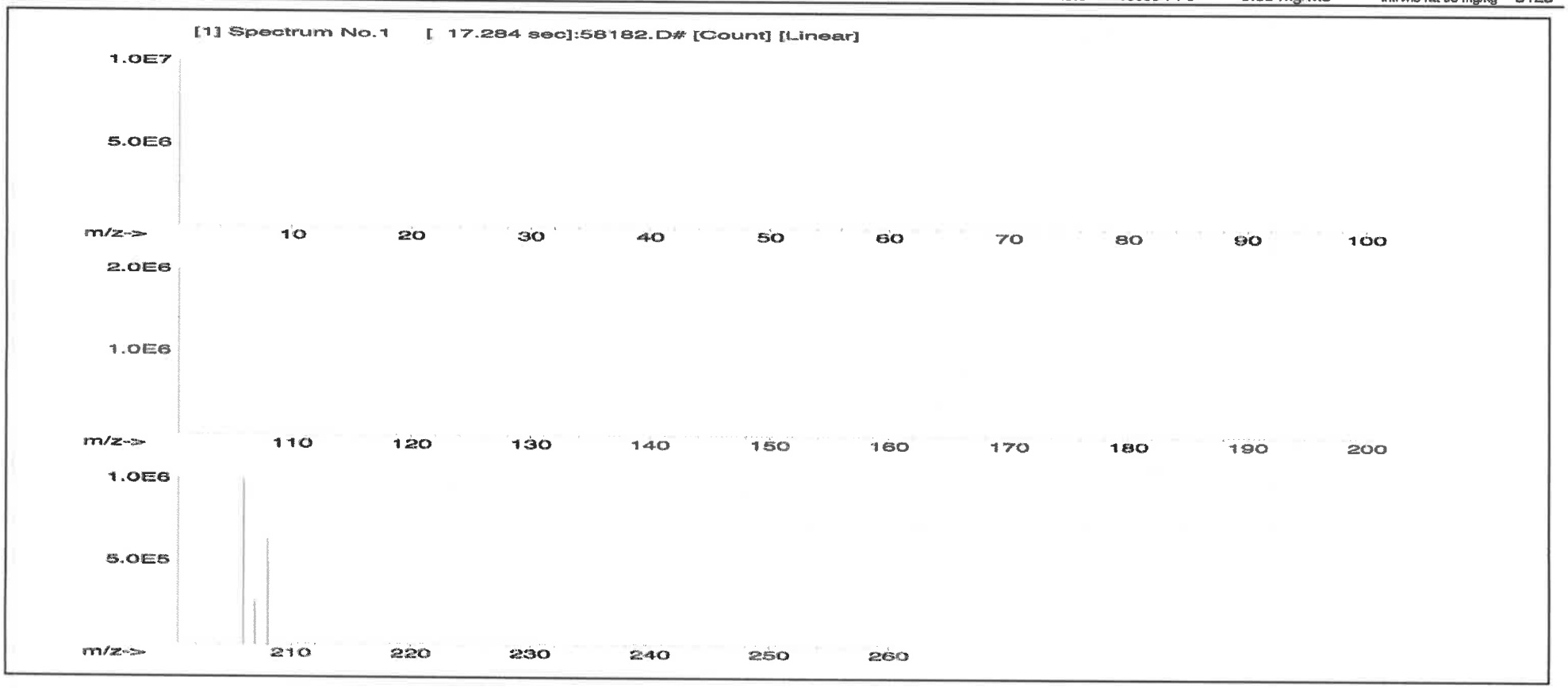
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546		Nitric Acid
	2%	40.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* 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:

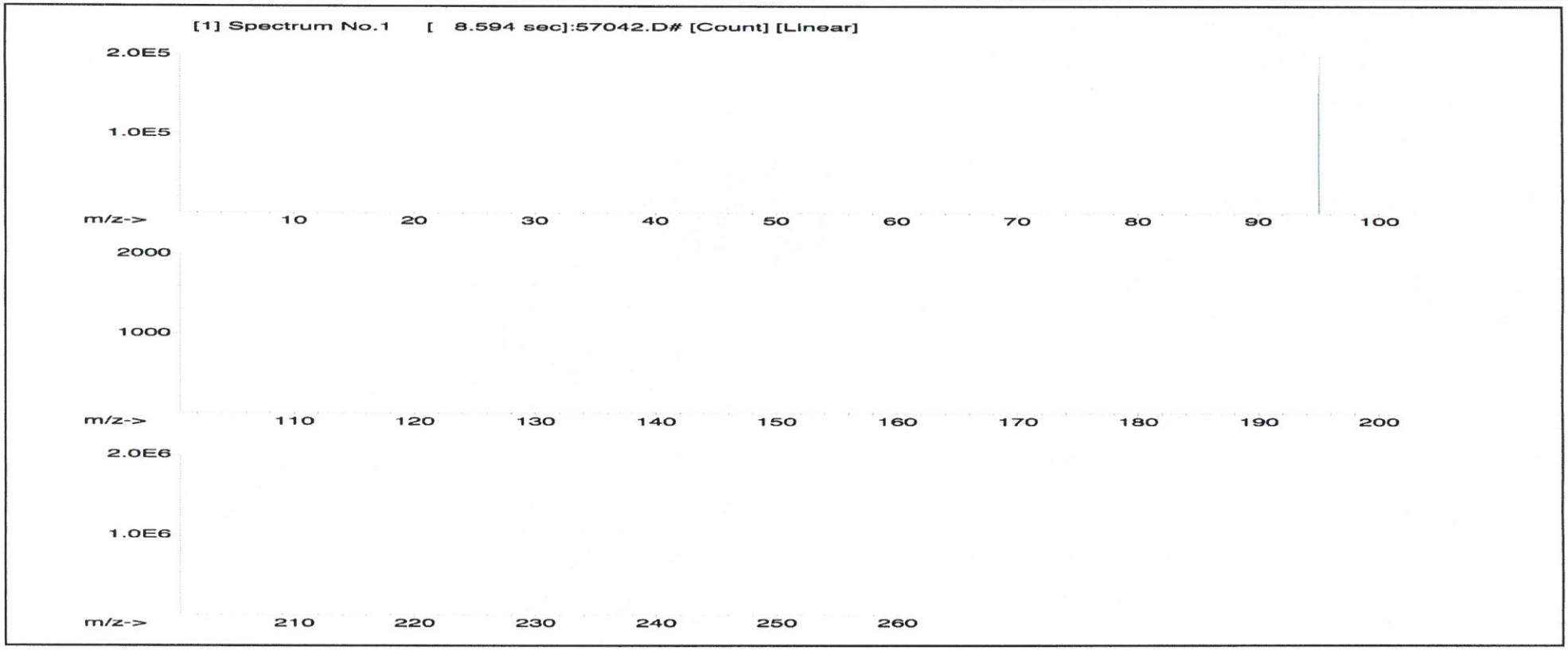
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

	Lot #	Solvent:	
	MKBQ8597V	Ammonium hydroxide	
	0.5%	15.0 (mL)	Ammonium hydroxide

Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Volume shown below was diluted to (mL): 3000.41 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	051722
Reviewed By:	Pedro L. Rentas	051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* 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 WEIGHT REPORT:

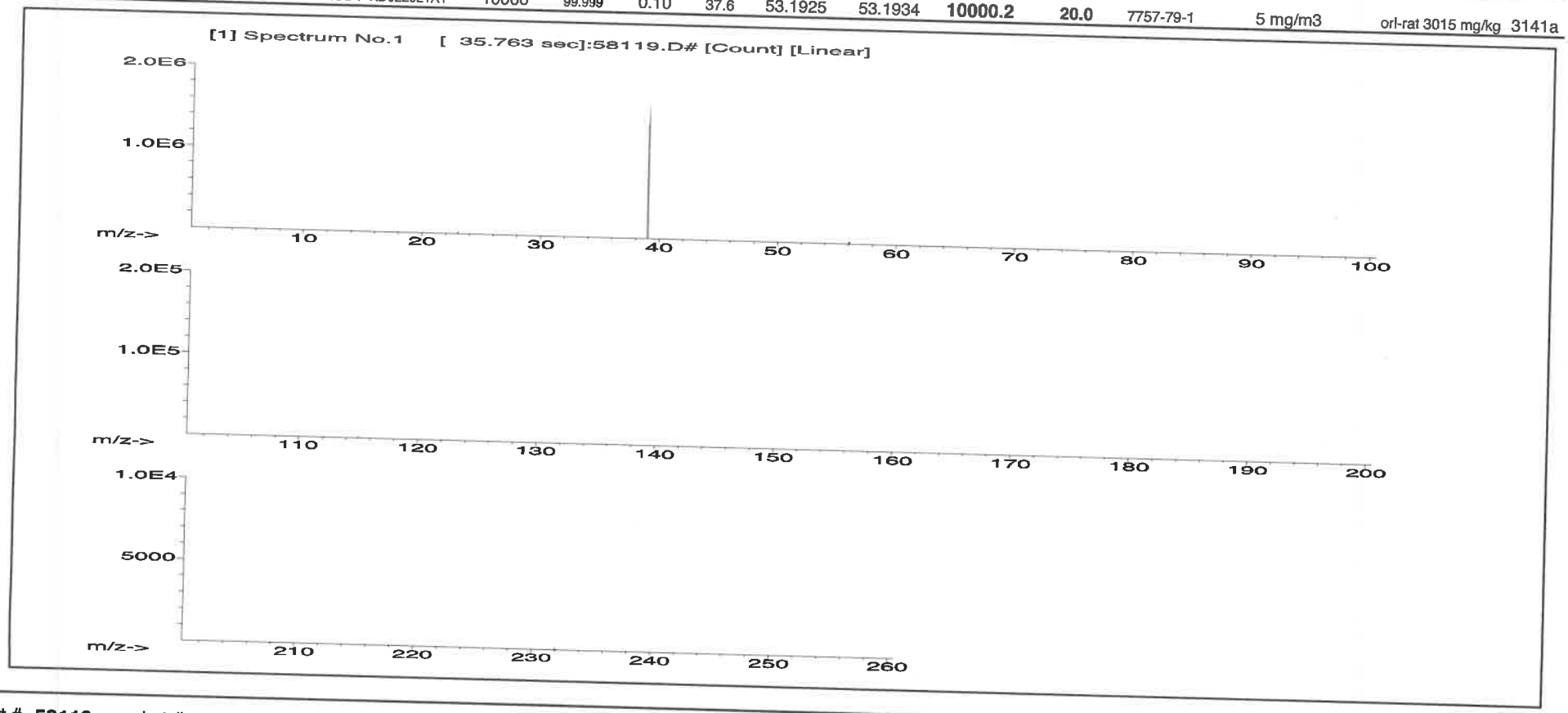
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

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).

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M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

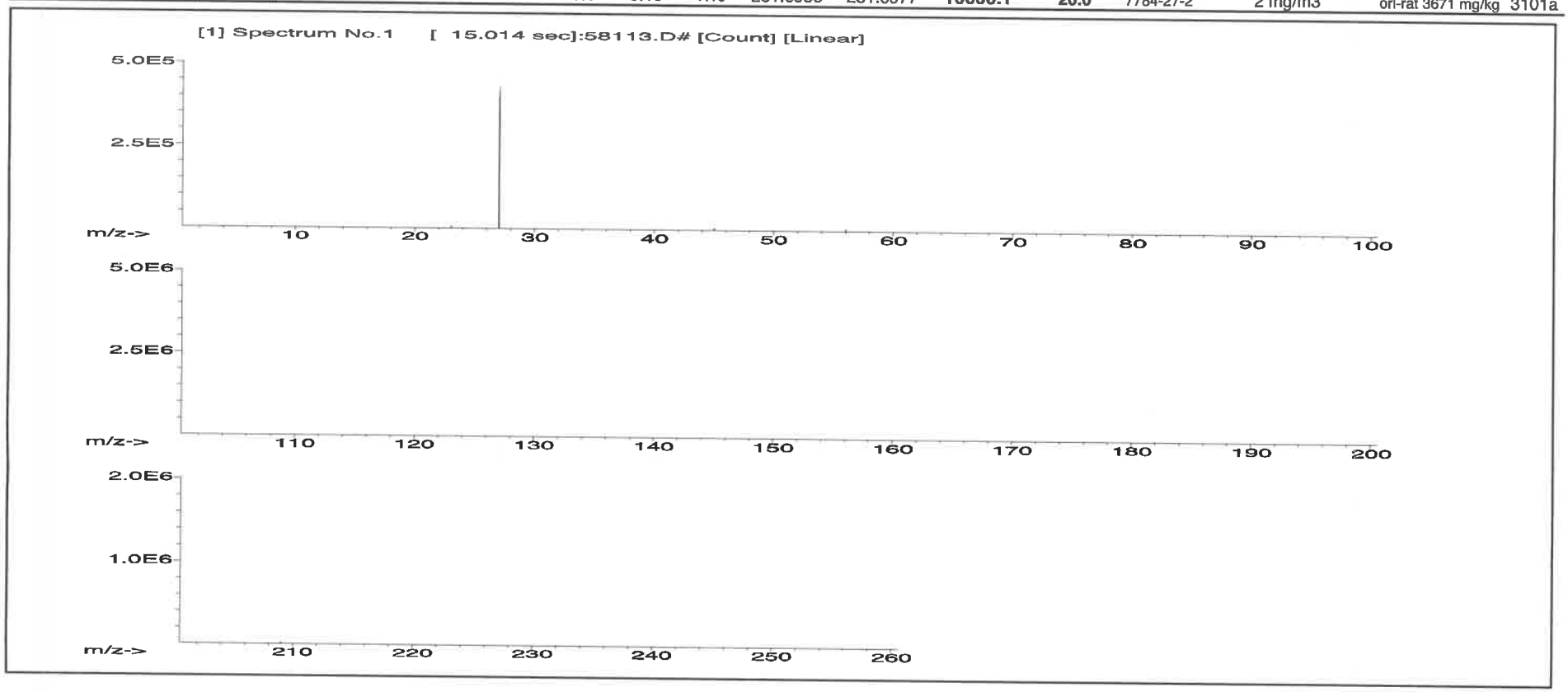
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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
Lot Number:	**070622**		**Solvent:**	20370011	Nitric Acid
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	070625				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* 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

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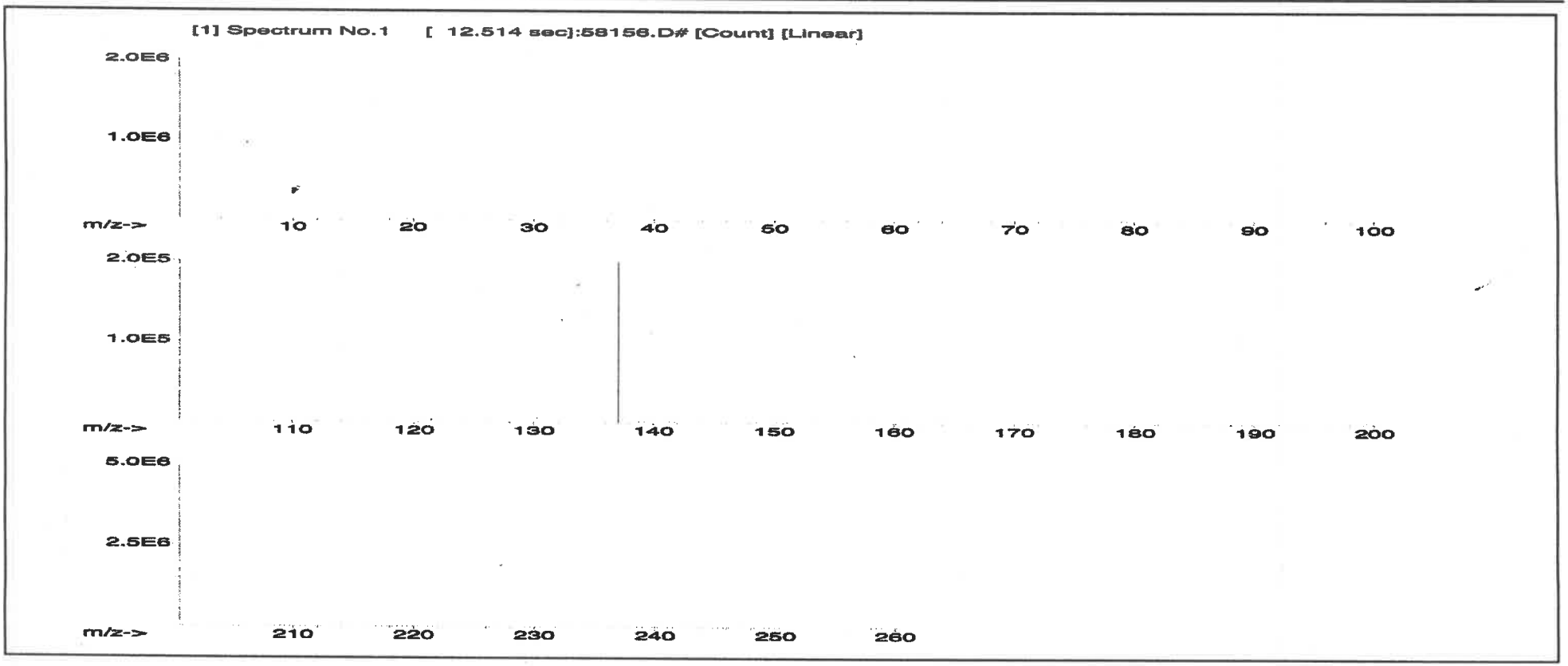
CERTIFIED WEIGHT REPORT:

		Lot #		
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	**2.0**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

IN5497 - IN5498 R: 03/17/23 BH

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

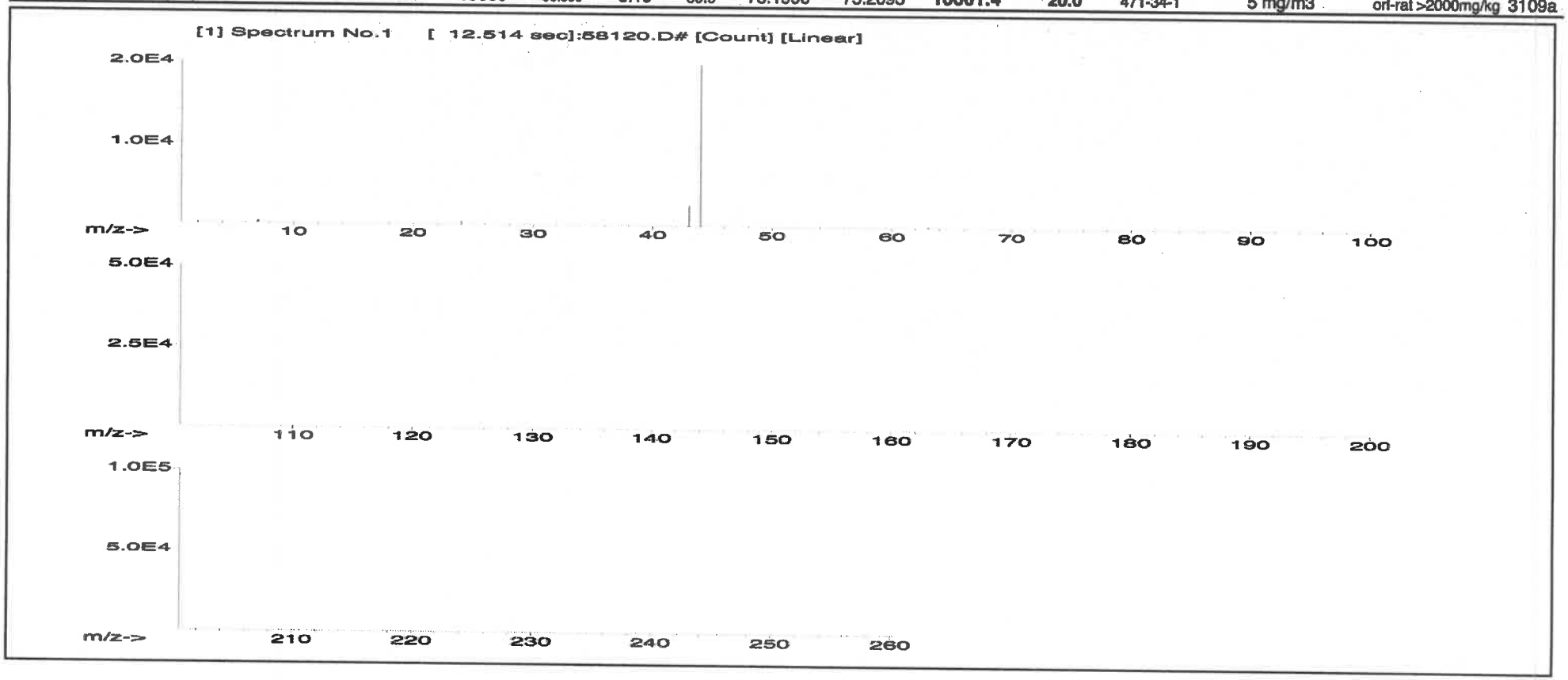
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

		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.
* 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.
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Certified Reference Material CRM

MS513 R:03/17/23 BE

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

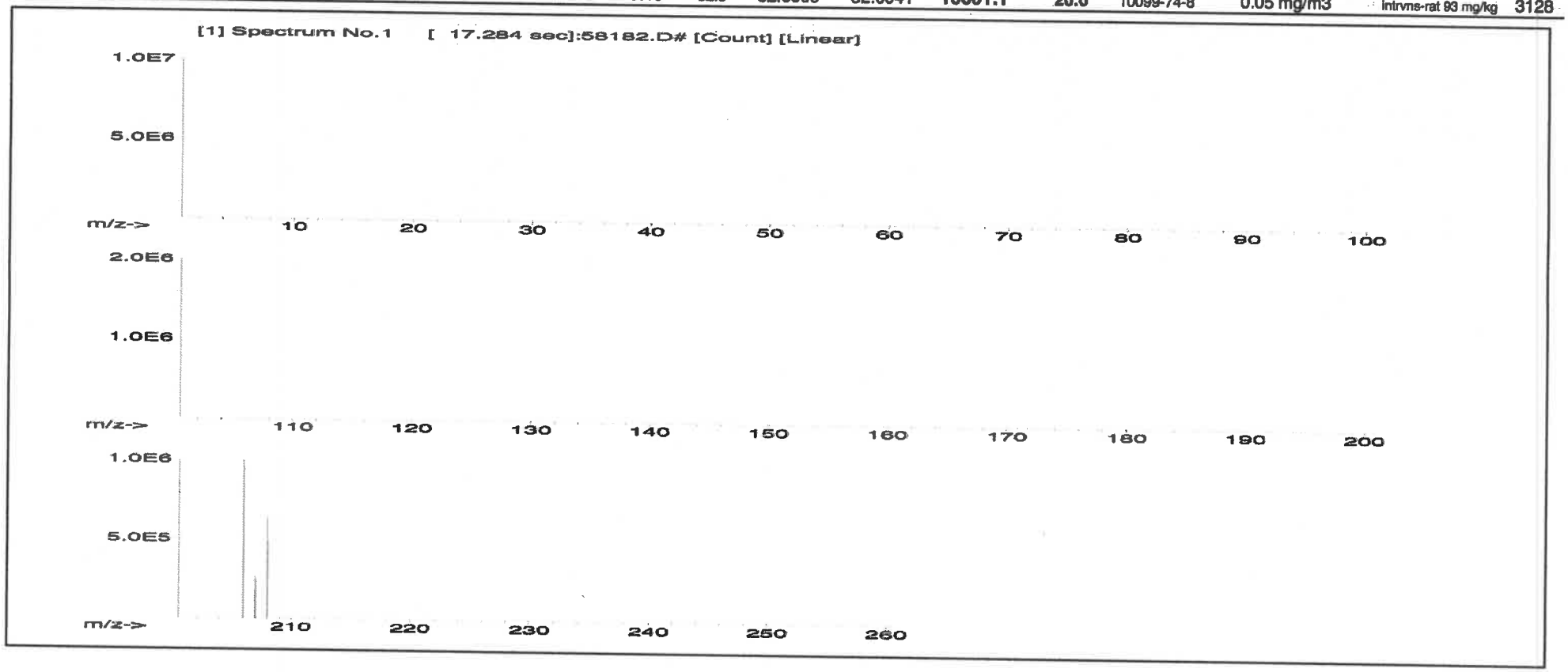
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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.
* 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

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

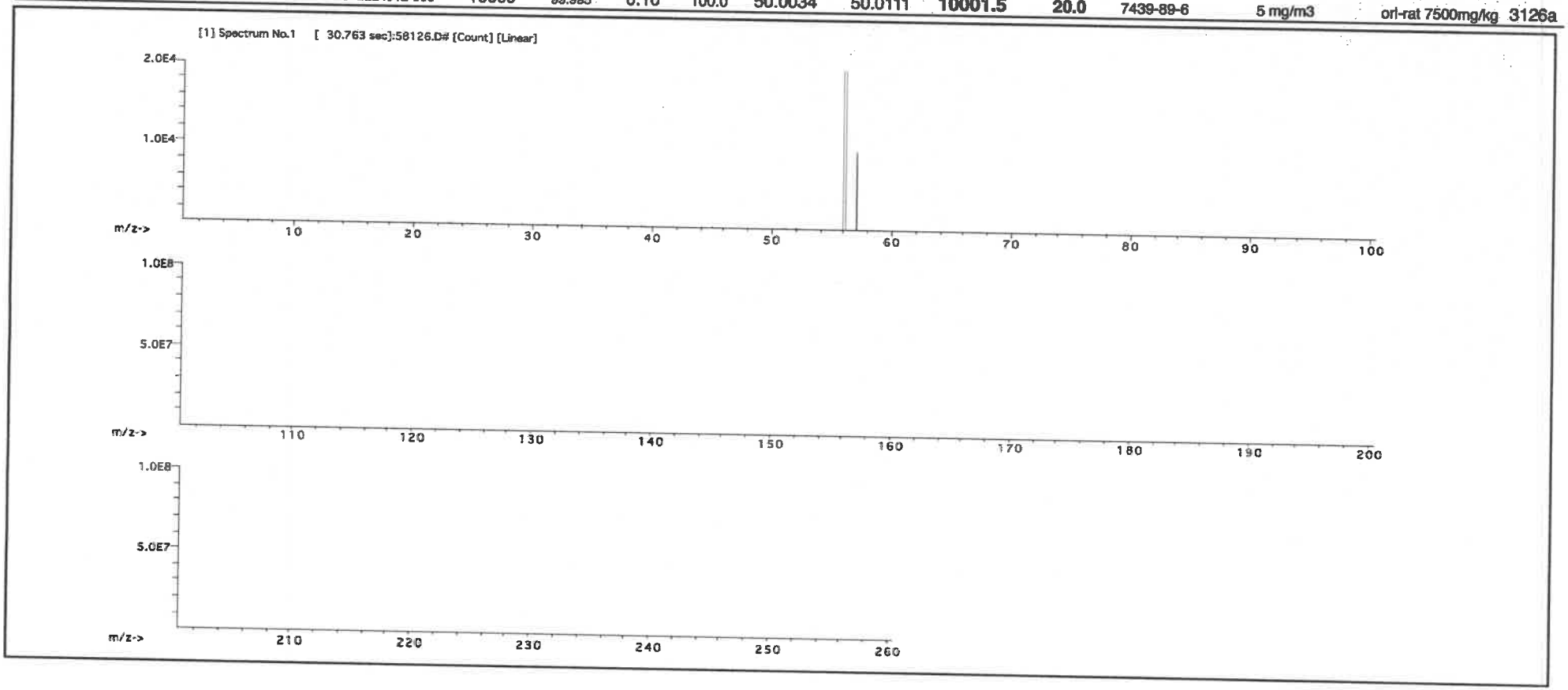
Giovanni Esposito

Formulated By: Giovanni Esposito 092122

Pedro Rentas

Reviewed By: Pedro L. Rentas 092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M519. M520 (BH) R:03/17/23

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

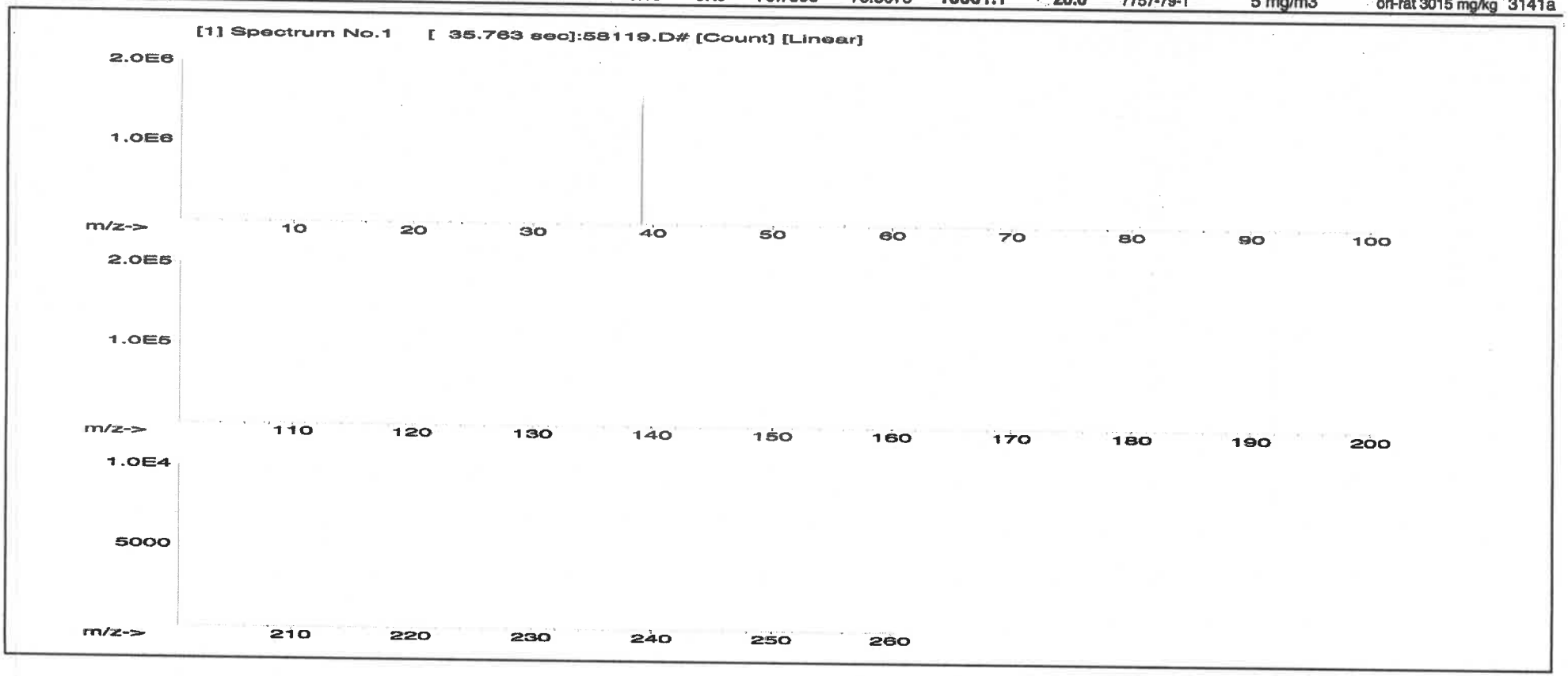
Lot #		
Solvent: 20510011		Nitric Acid
2%	60.0 (mL)	Nitric Acid

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:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

INORGANIC VENTURES
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

M5657 A: 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



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www.absolutestandards.com

Certified Reference Material CRM

M5658 R ! 8/25/23

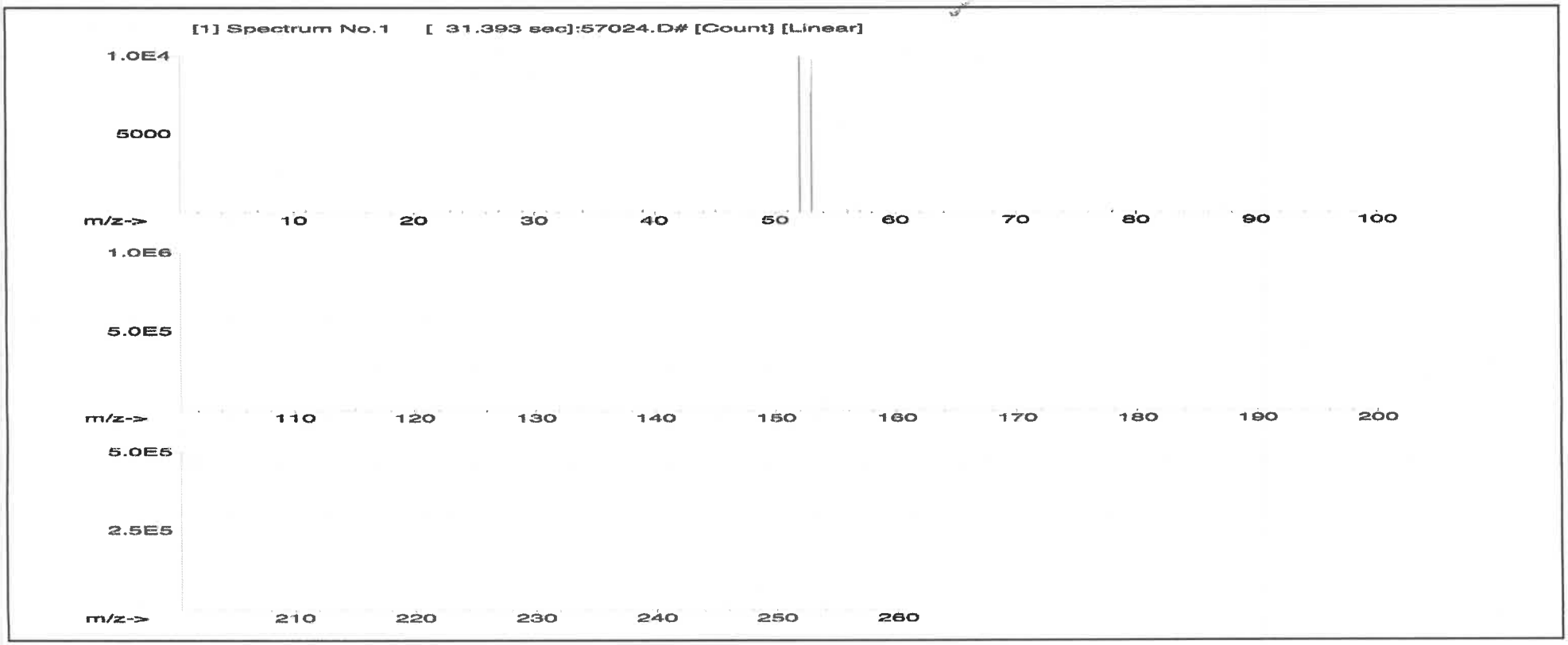
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5697 R: 10/27/23

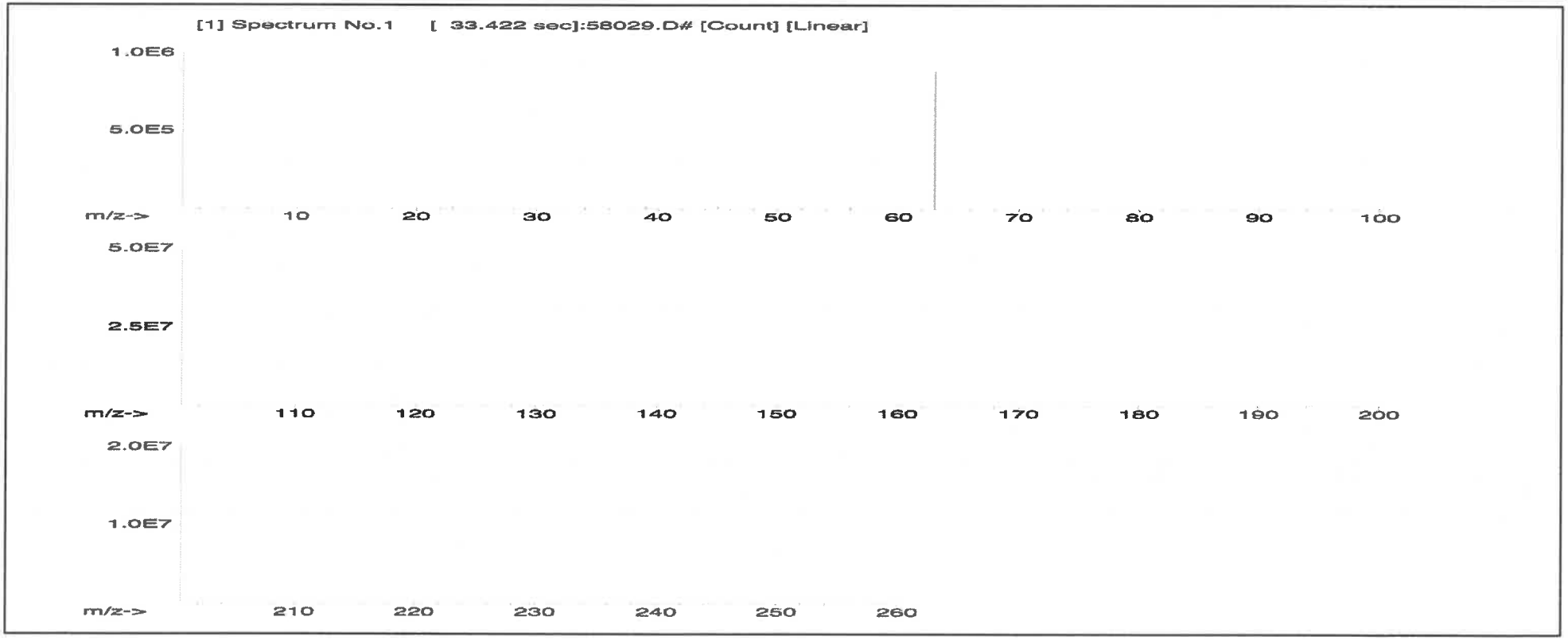
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https://Absolutestandards.com

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.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5648 R: 10/27/23

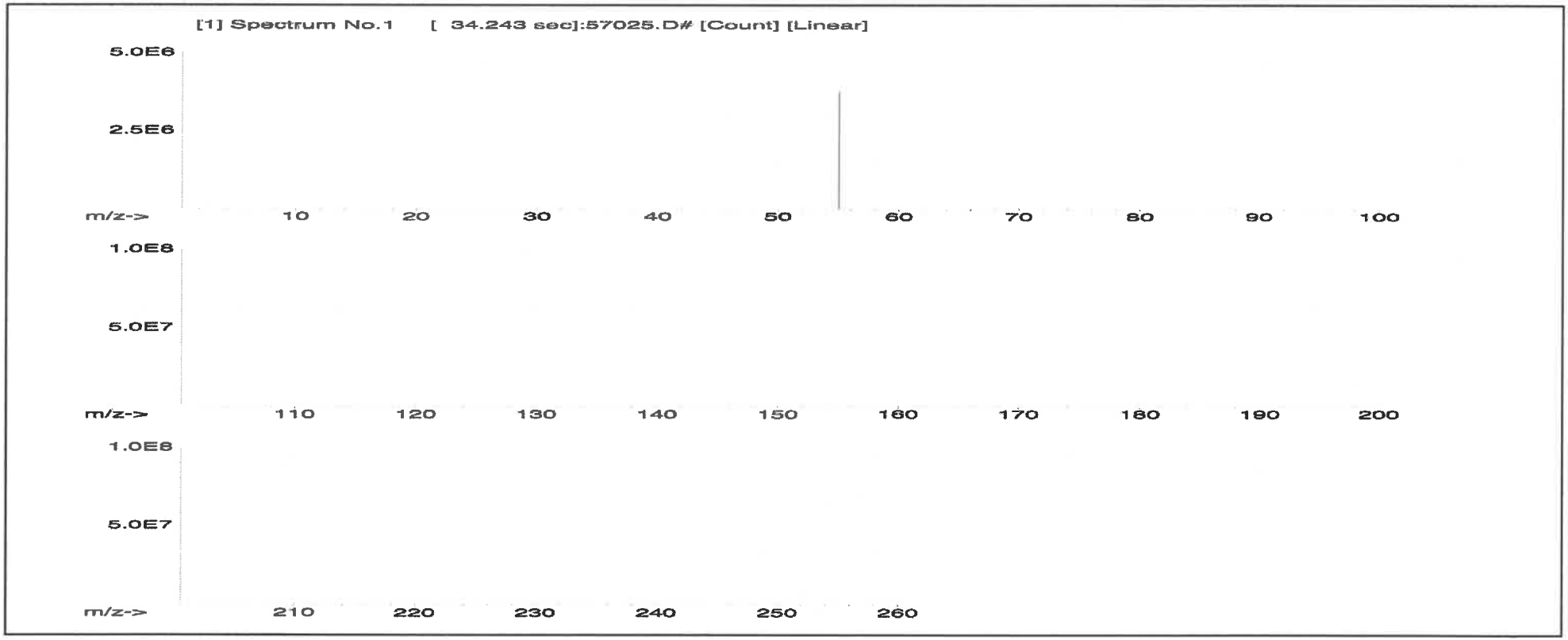
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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

		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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Certified Reference Material CRM

R: 8/25/23 M5751

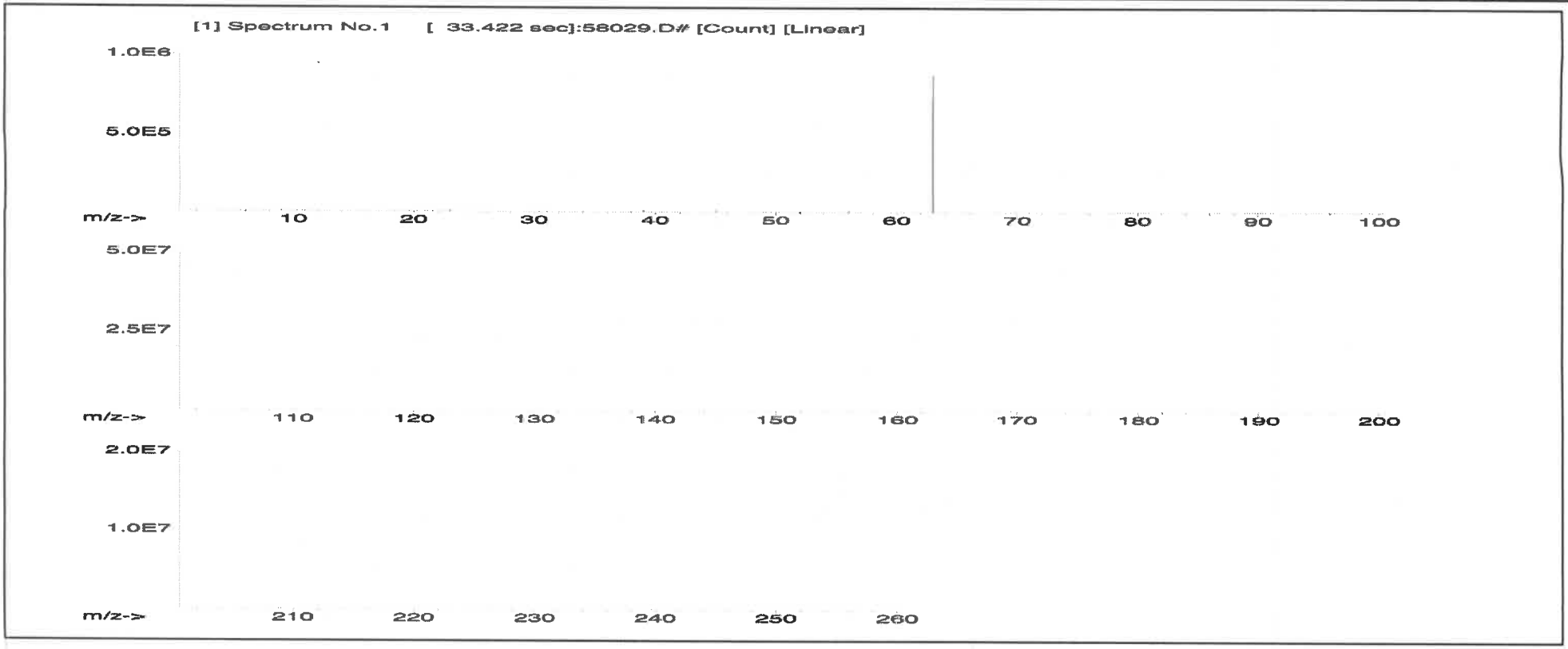
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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	21110221	Nitric Acid	
Lot Number:	**071723**			
Description:	**Copper (Cu)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071723
Reviewed By:	Pedro L. Rentas	071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

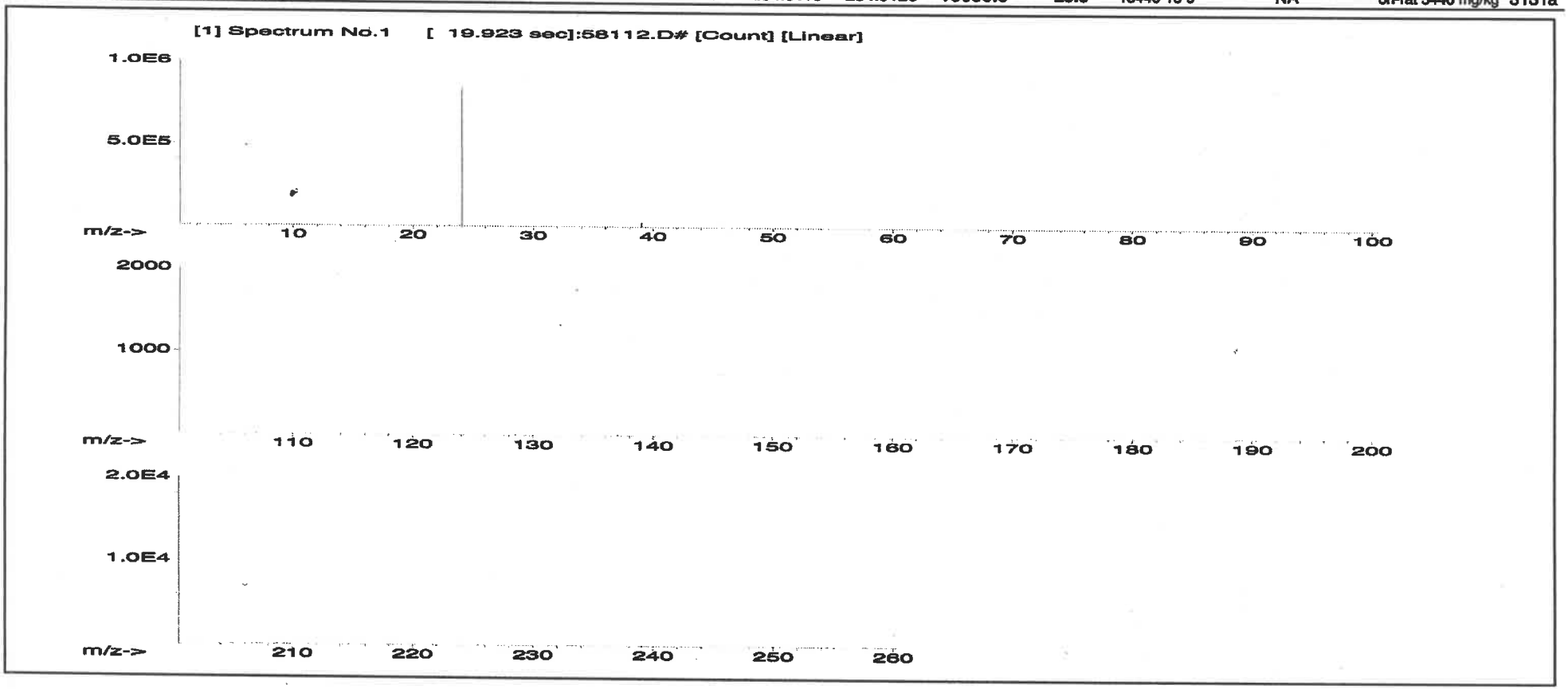
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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R: 02/09/24 M5798

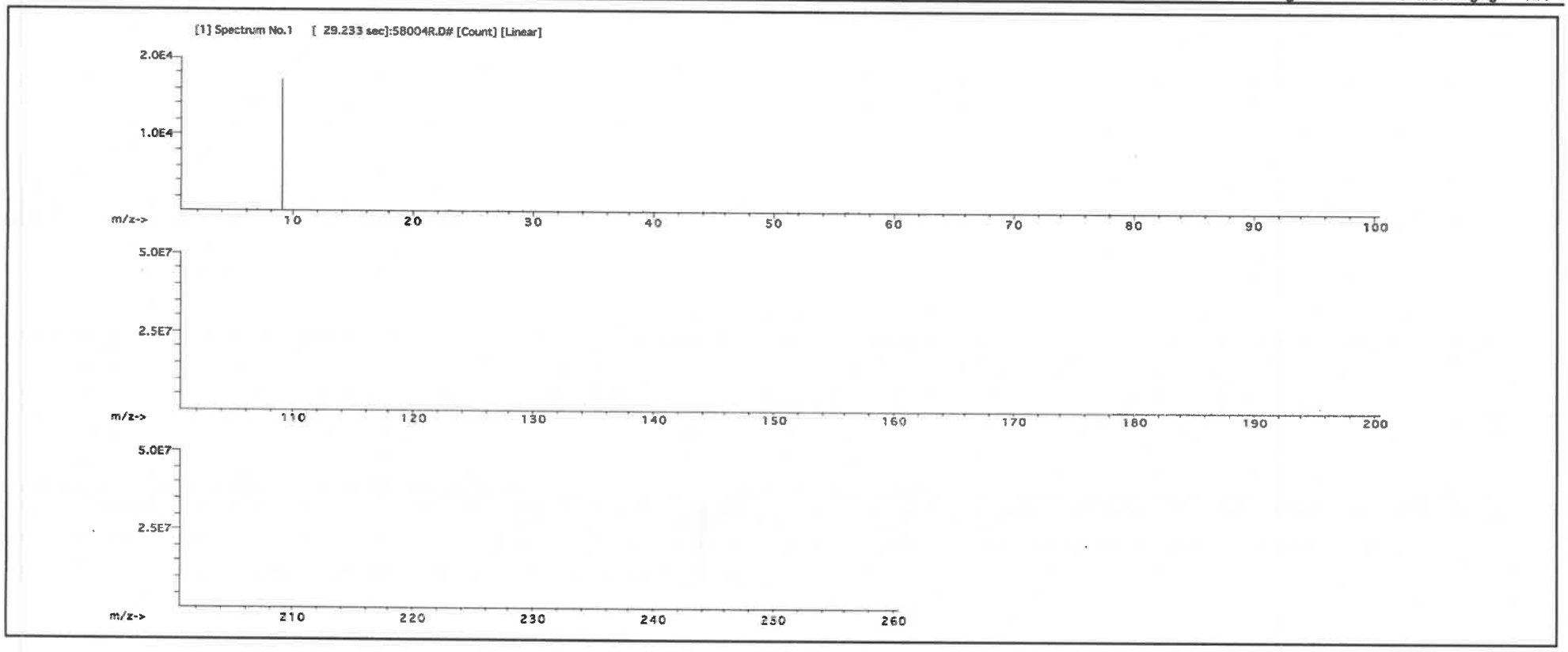
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

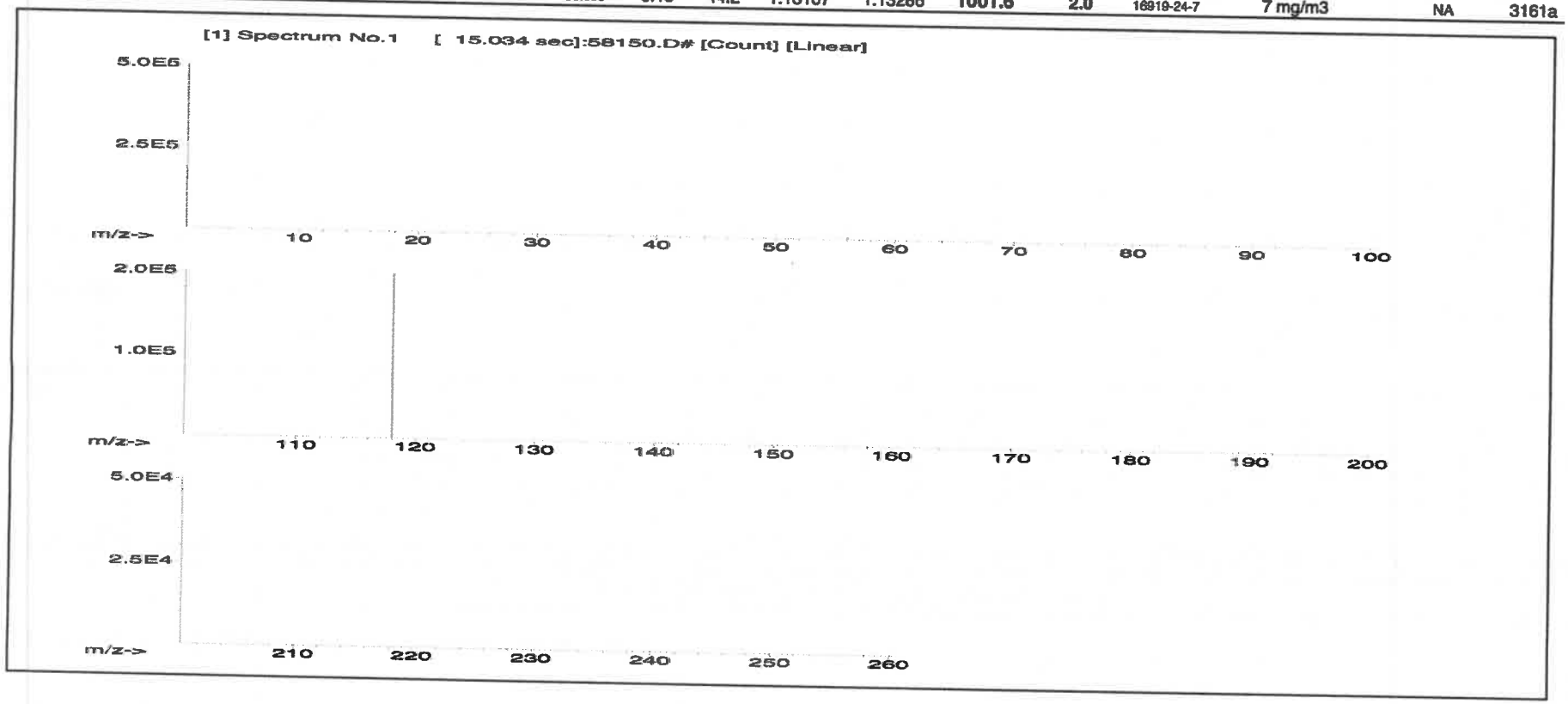
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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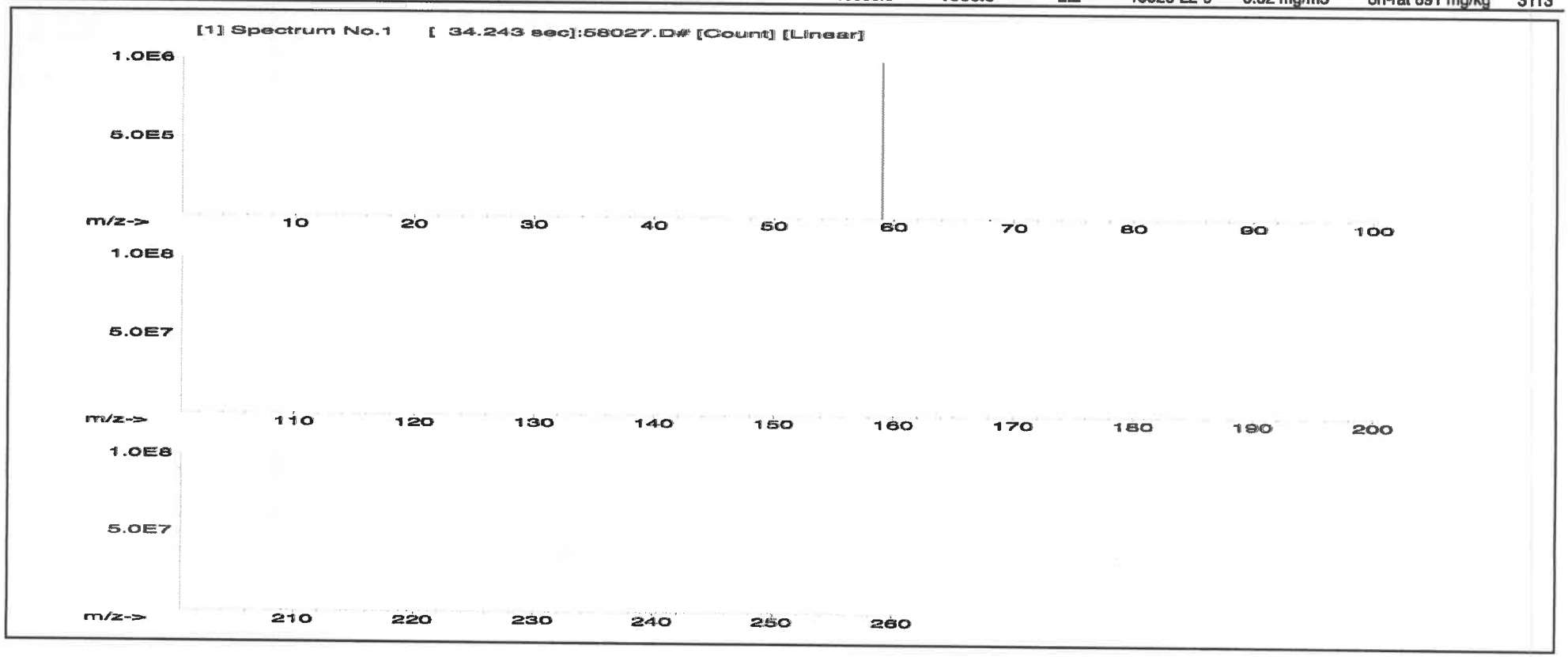
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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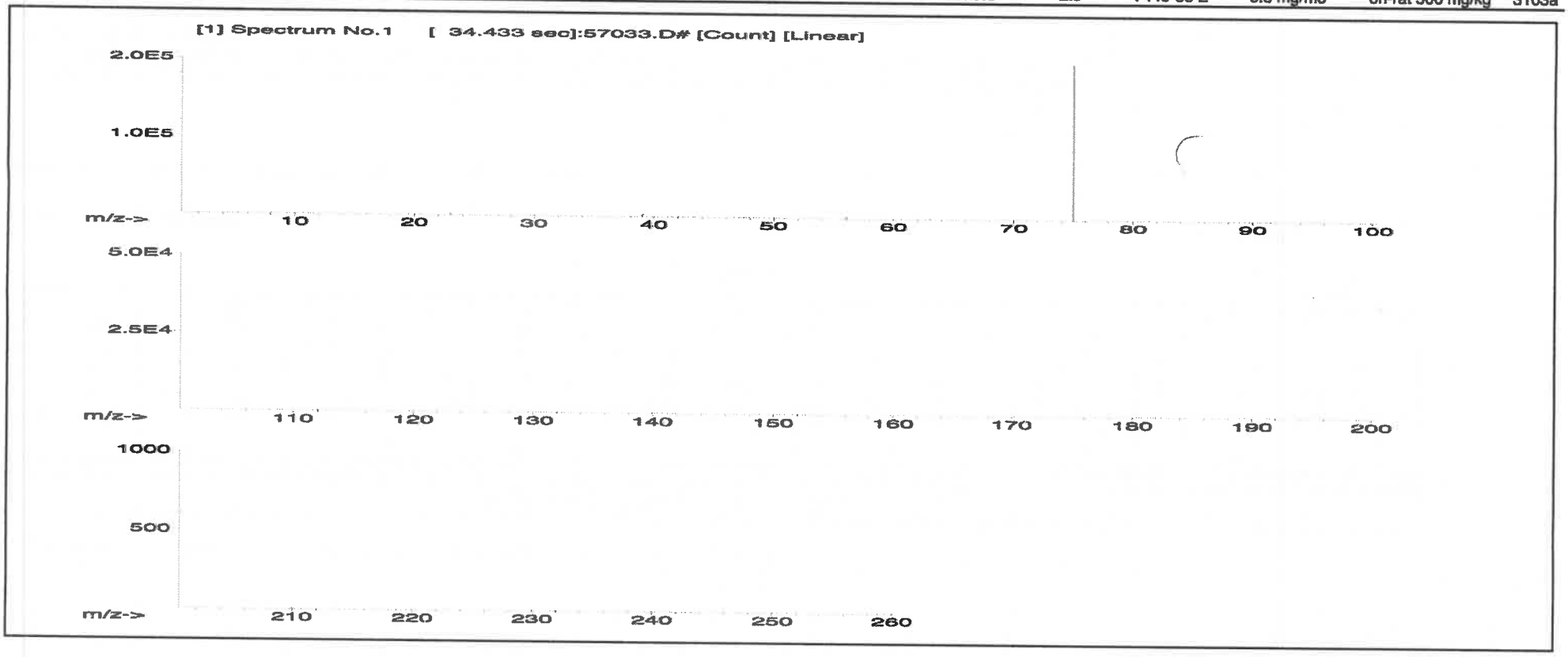
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CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R1 02/09/24. M58165

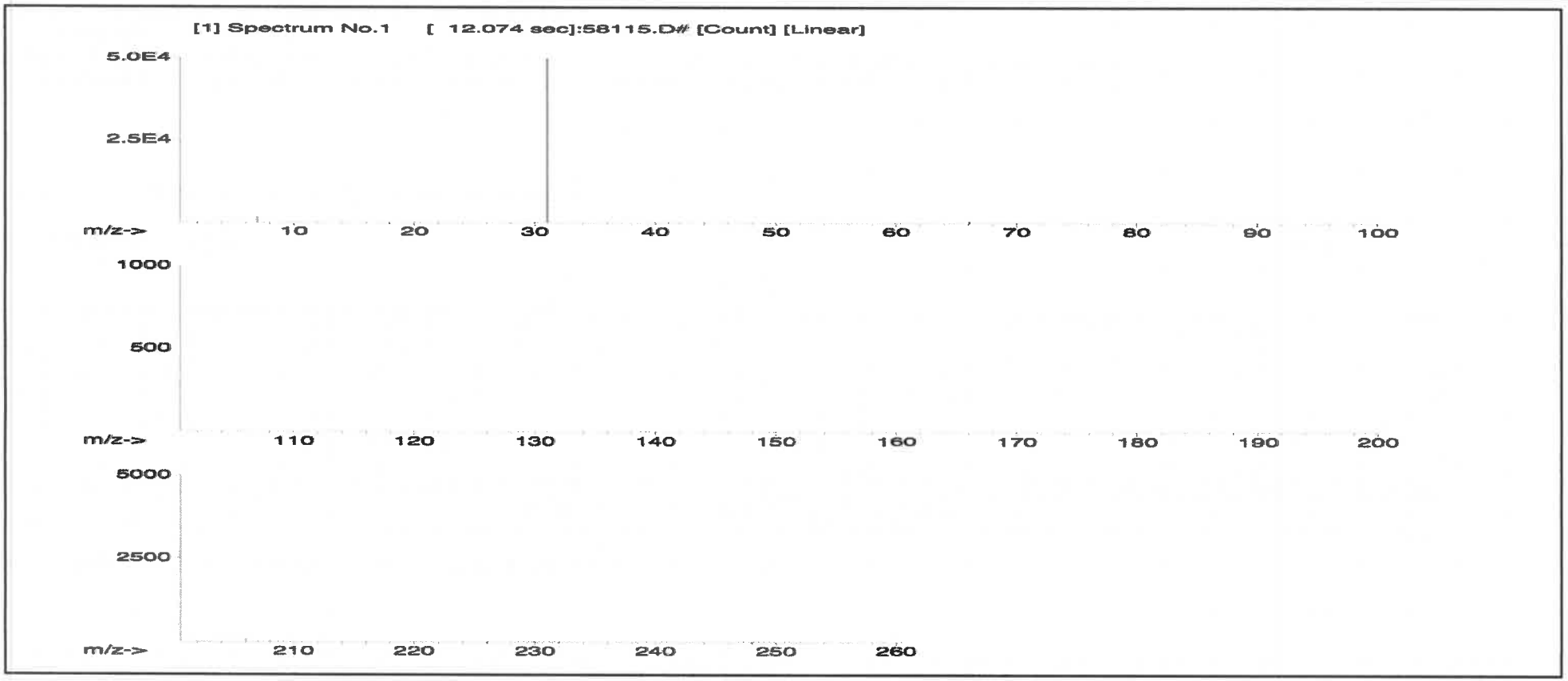
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CERTIFIED WEIGHT REPORT:

			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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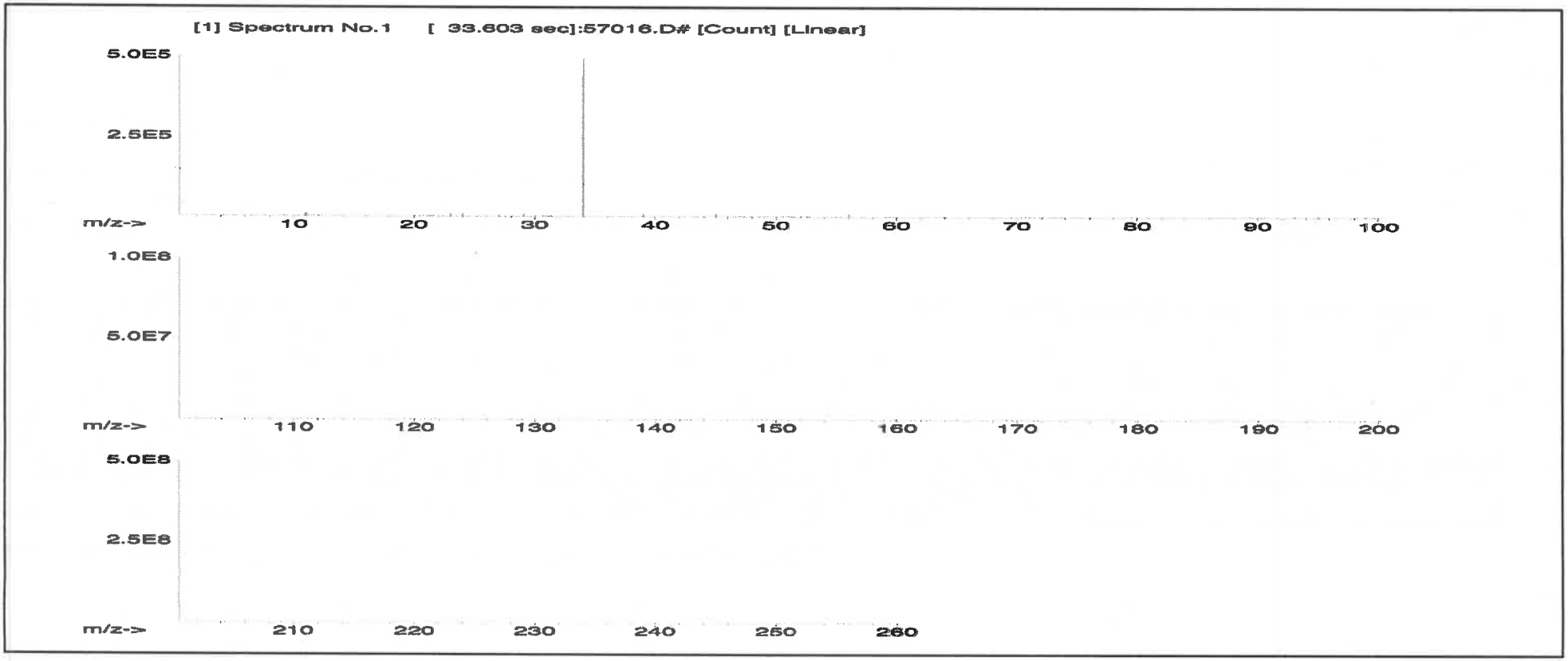
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CERTIFIED WEIGHT REPORT:

Part Number:	**57016**	**Solvent:**	**Lot #** 122923	ASTM Type 1 Water
Lot Number:	**122923**			
Description:	**Sulfur (S)**			
Expiration Date:	122926			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty	

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

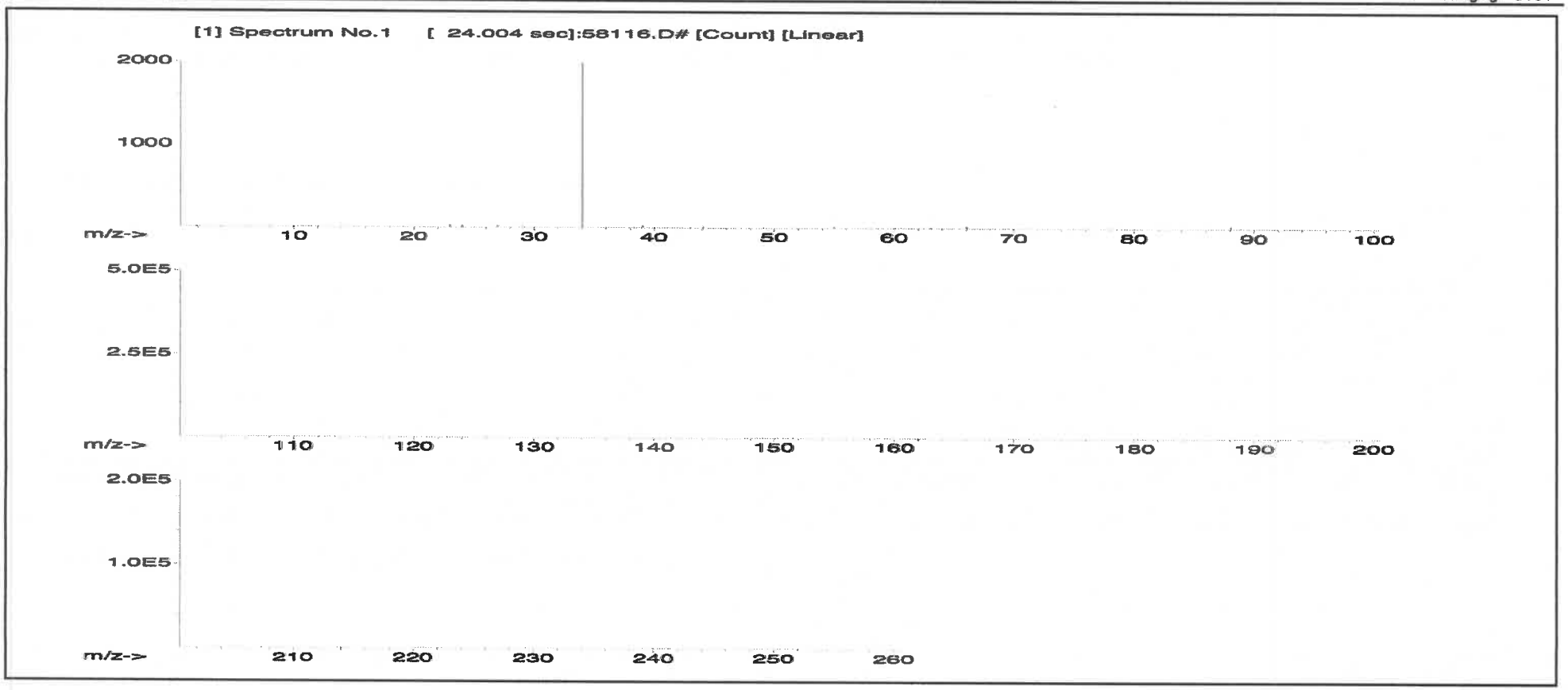
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

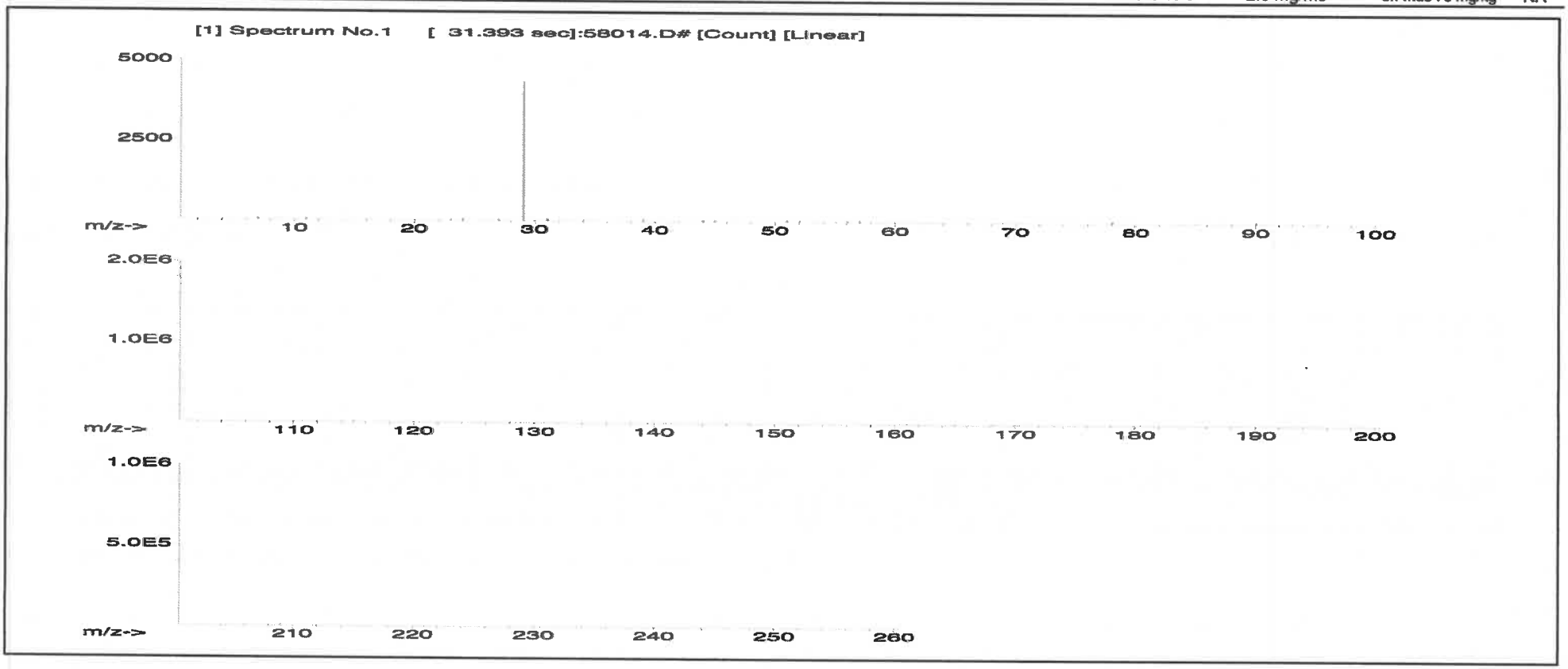
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

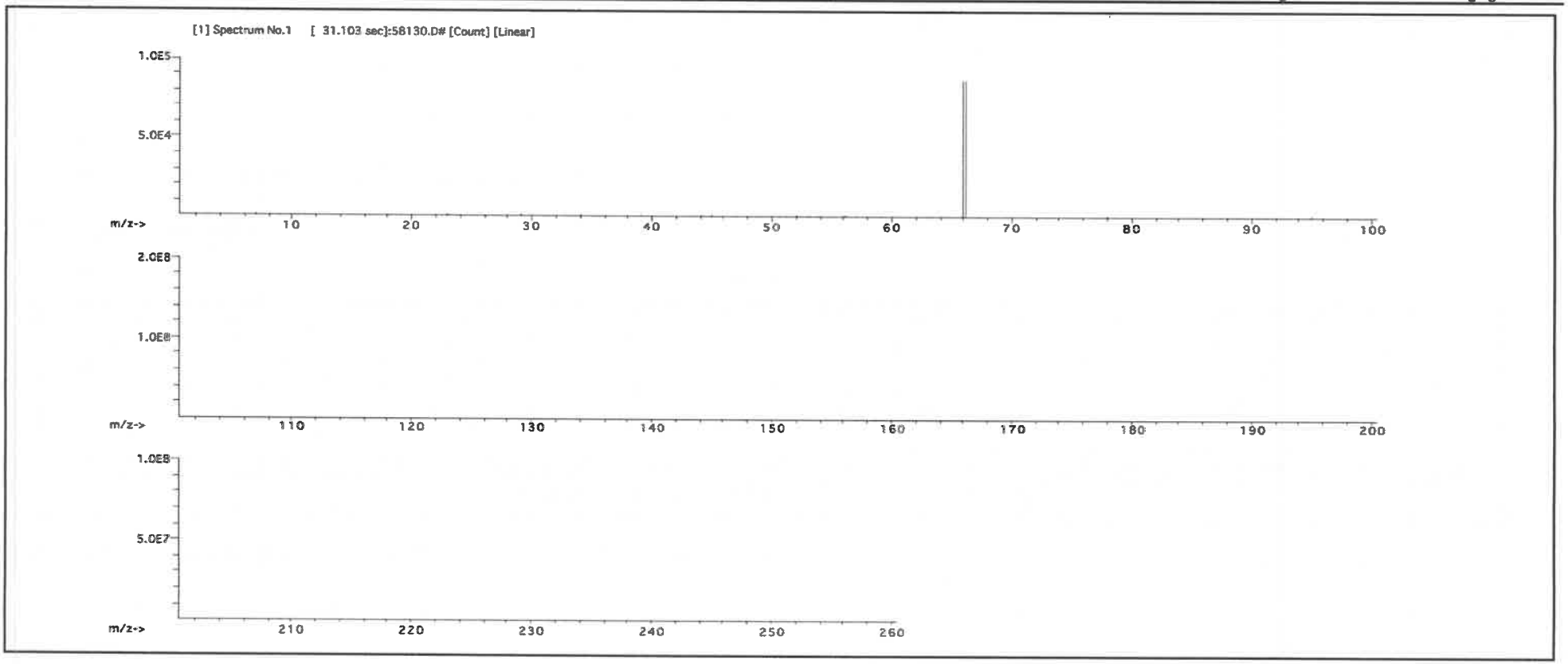
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
	2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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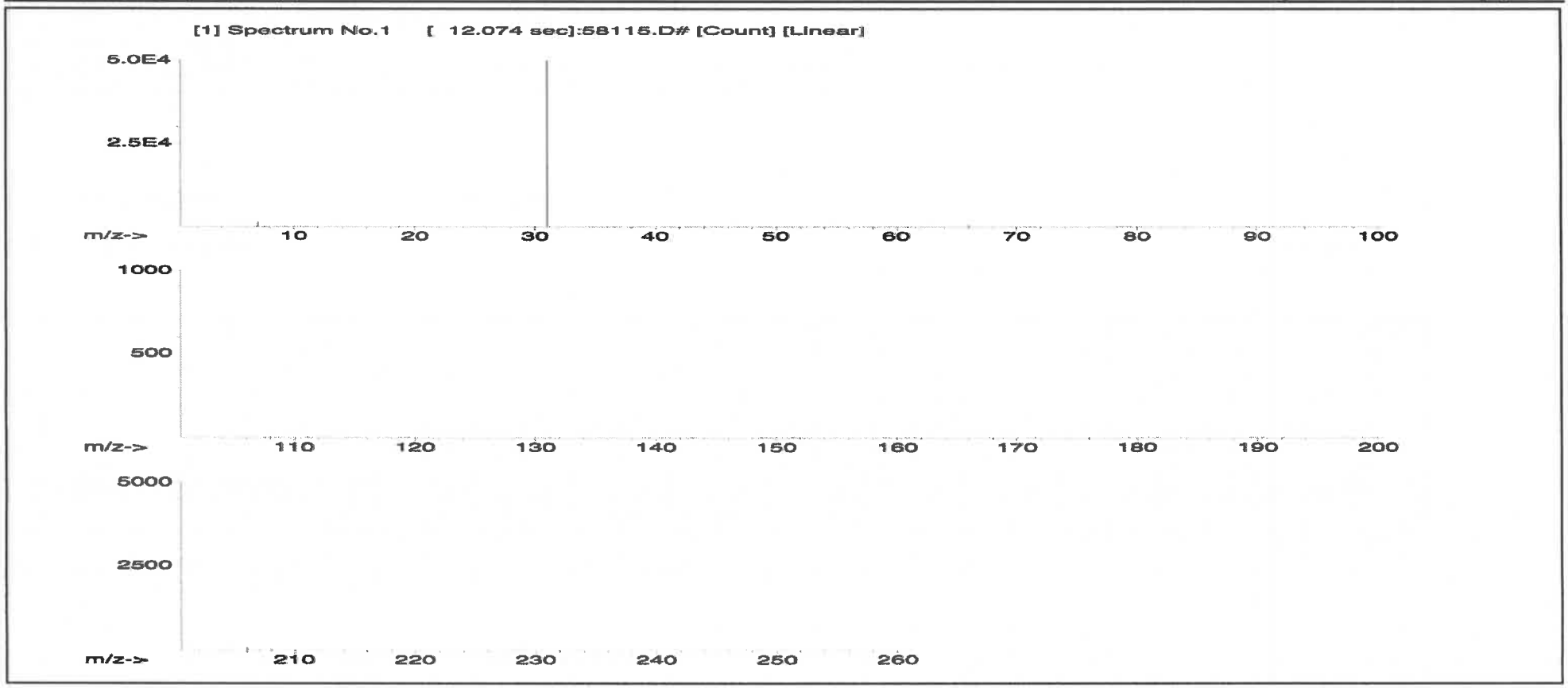
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CERTIFIED WEIGHT REPORT:

Part Number:	**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

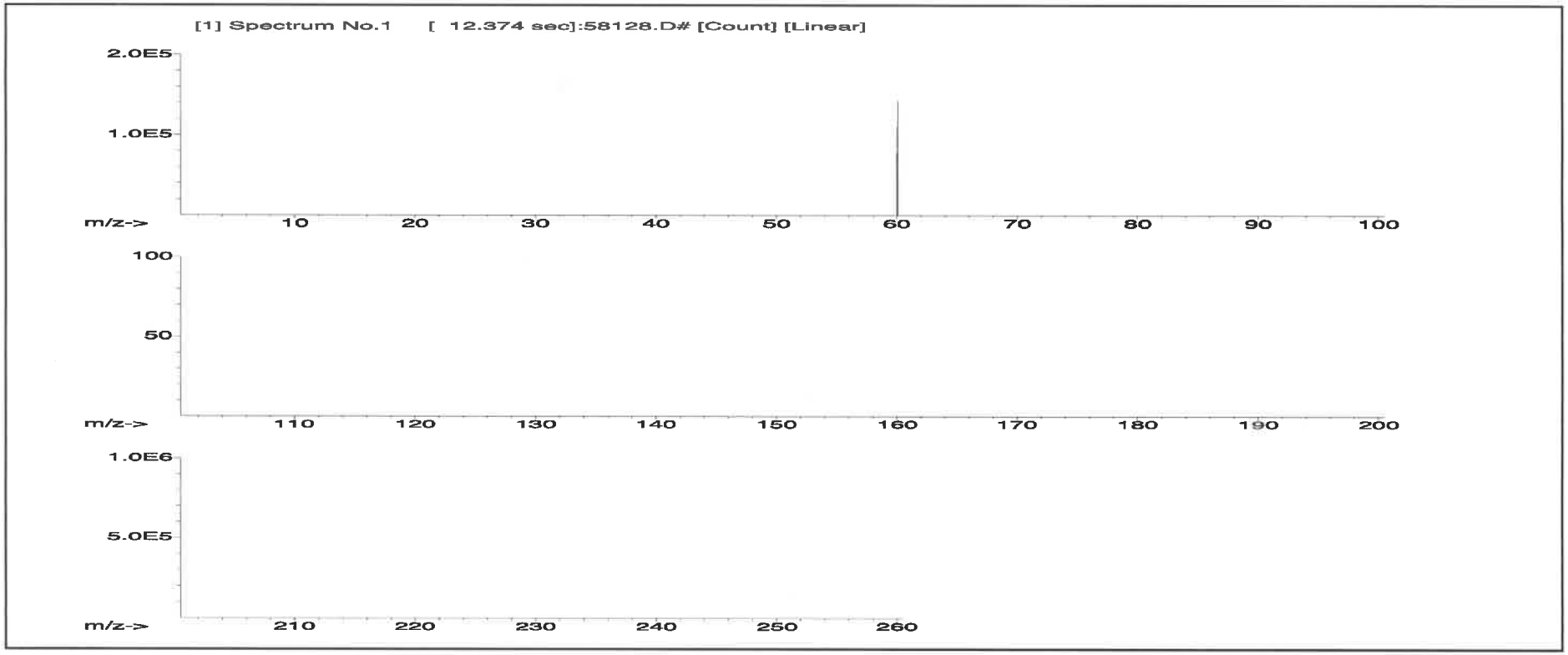
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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

			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.

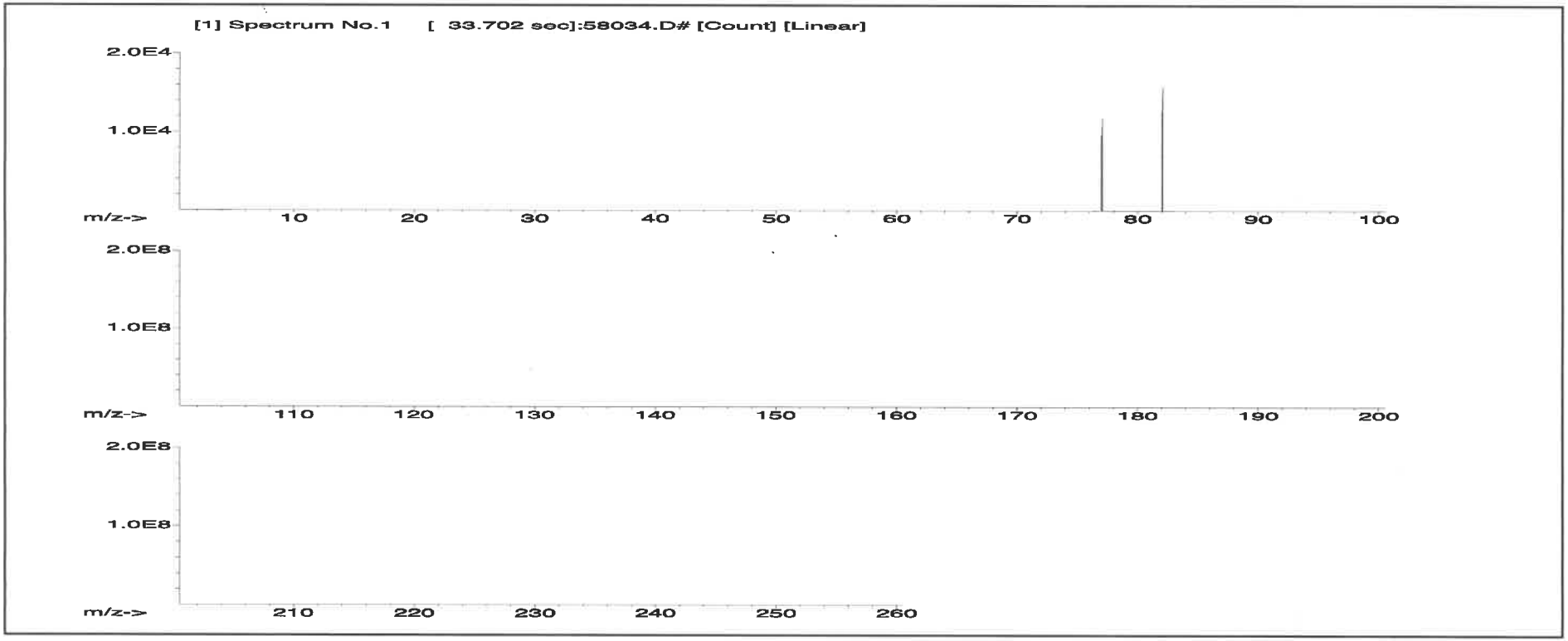
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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

M5976, M5977
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inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



M5978, M5979

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\ (u_{char\ i})^2]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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H5981 R:6/11/24

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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57092	24002546	Nitric Acid	
Lot Number:	060724			
Description:	Uranium (U)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

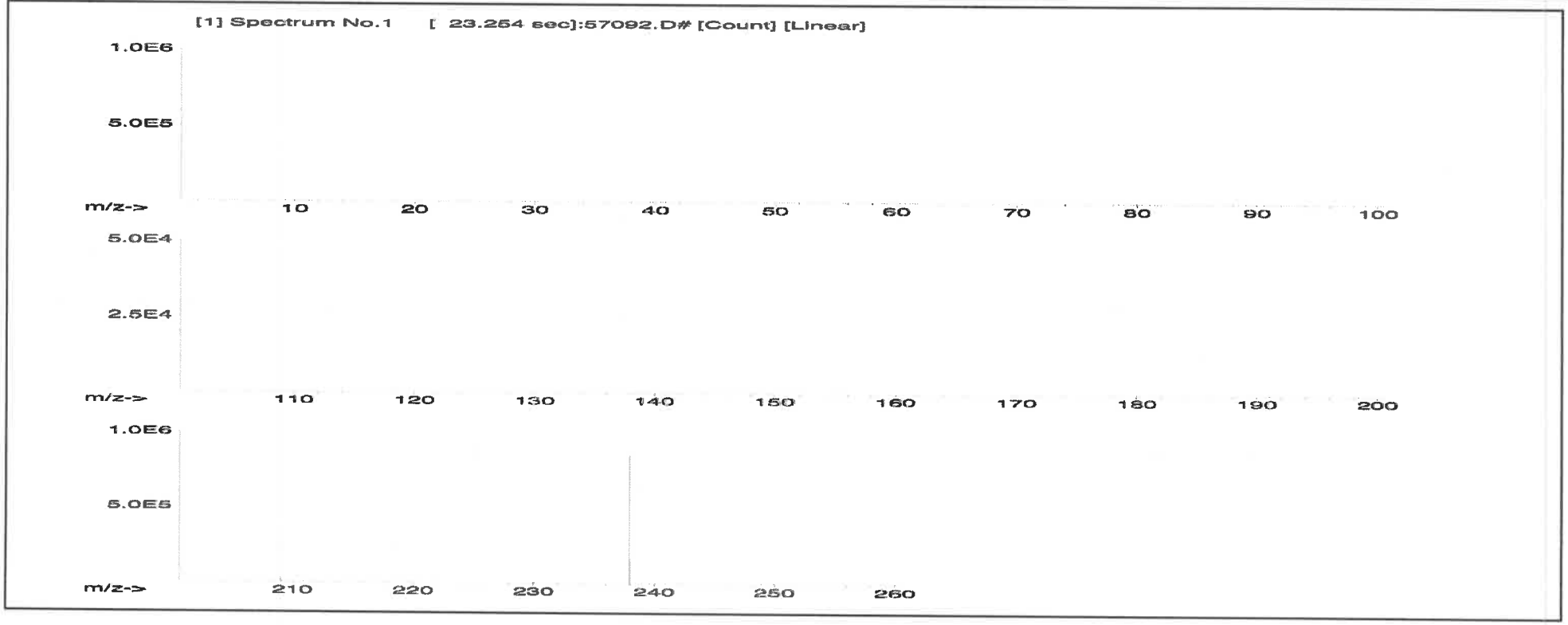
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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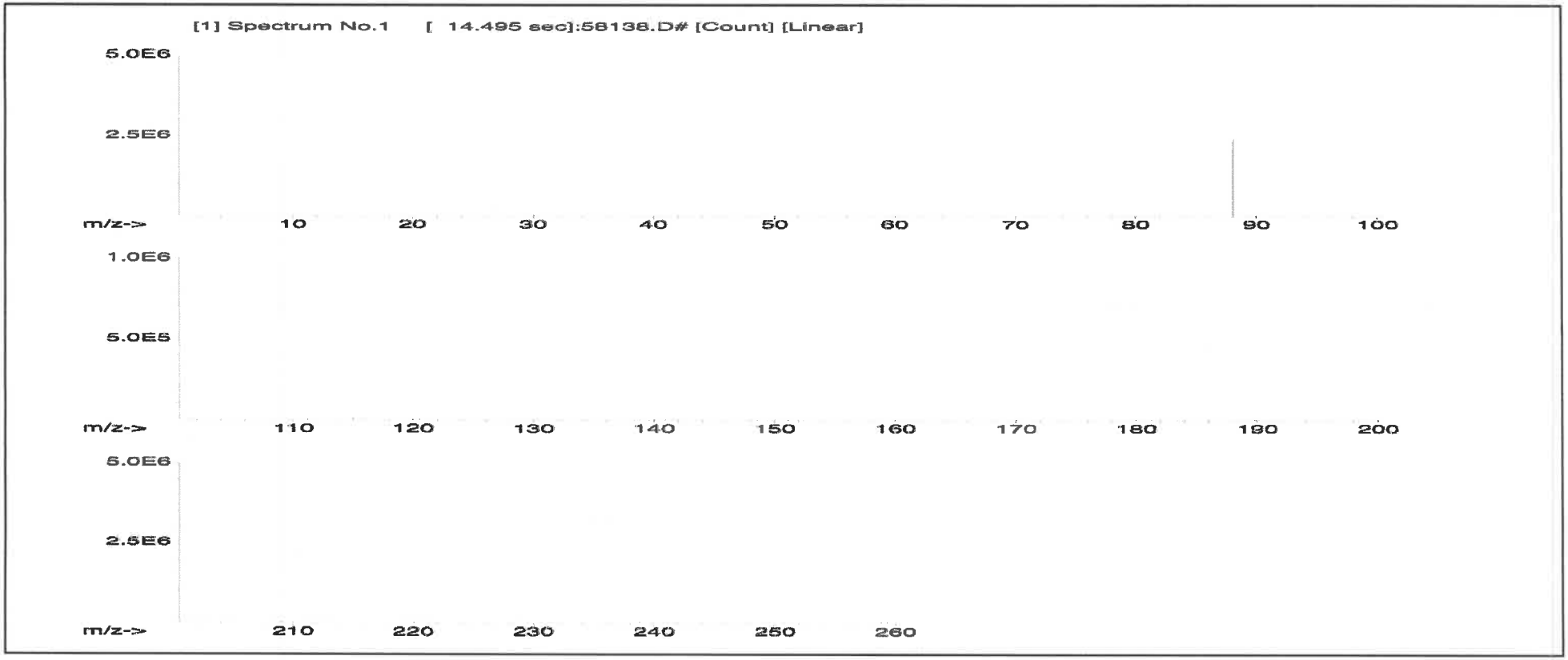
45982 R: 6/11/24

CERTIFIED WEIGHT REPORT:

Part Number:	**57038**		**Lot #**		
Lot Number:	**031524**	**Solvent:**	24002546	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	031527				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5983 R: 6/11/24

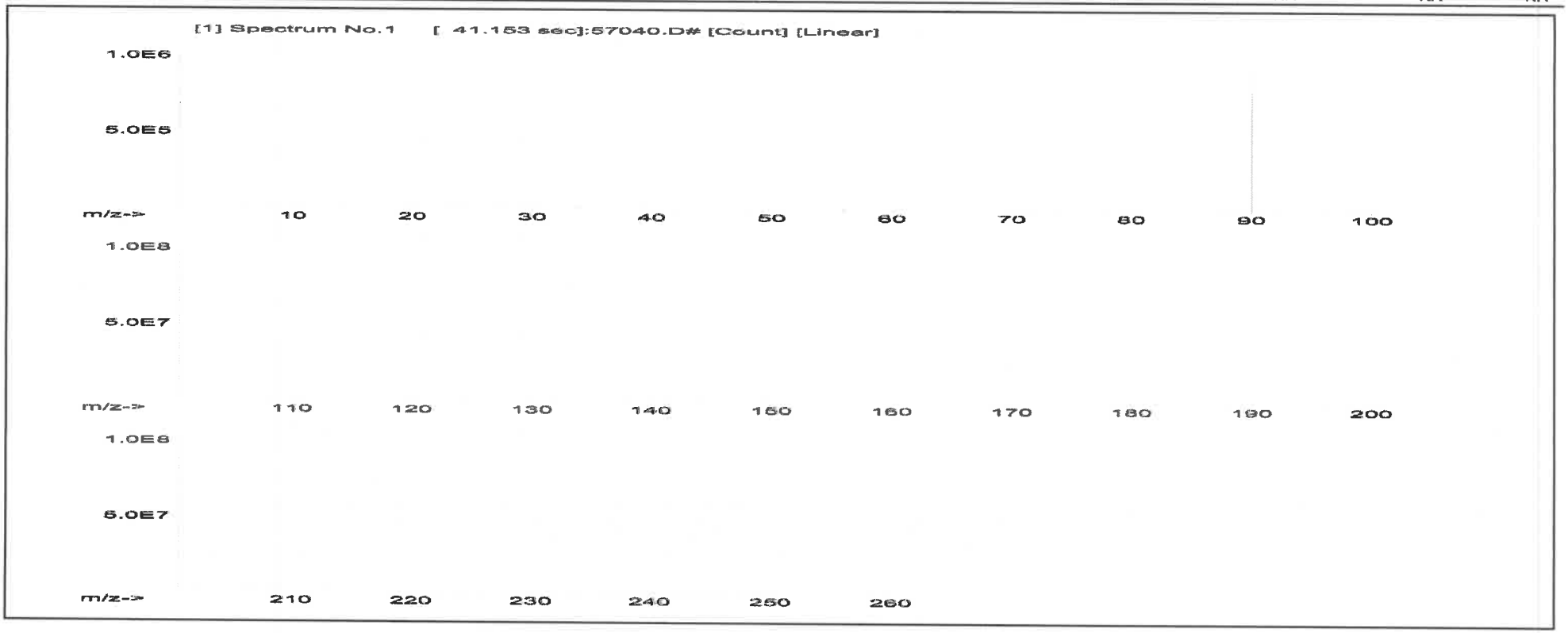
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CERTIFIED WEIGHT REPORT:

		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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R: 01/03/24 M6033

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CERTIFIED WEIGHT REPORT:

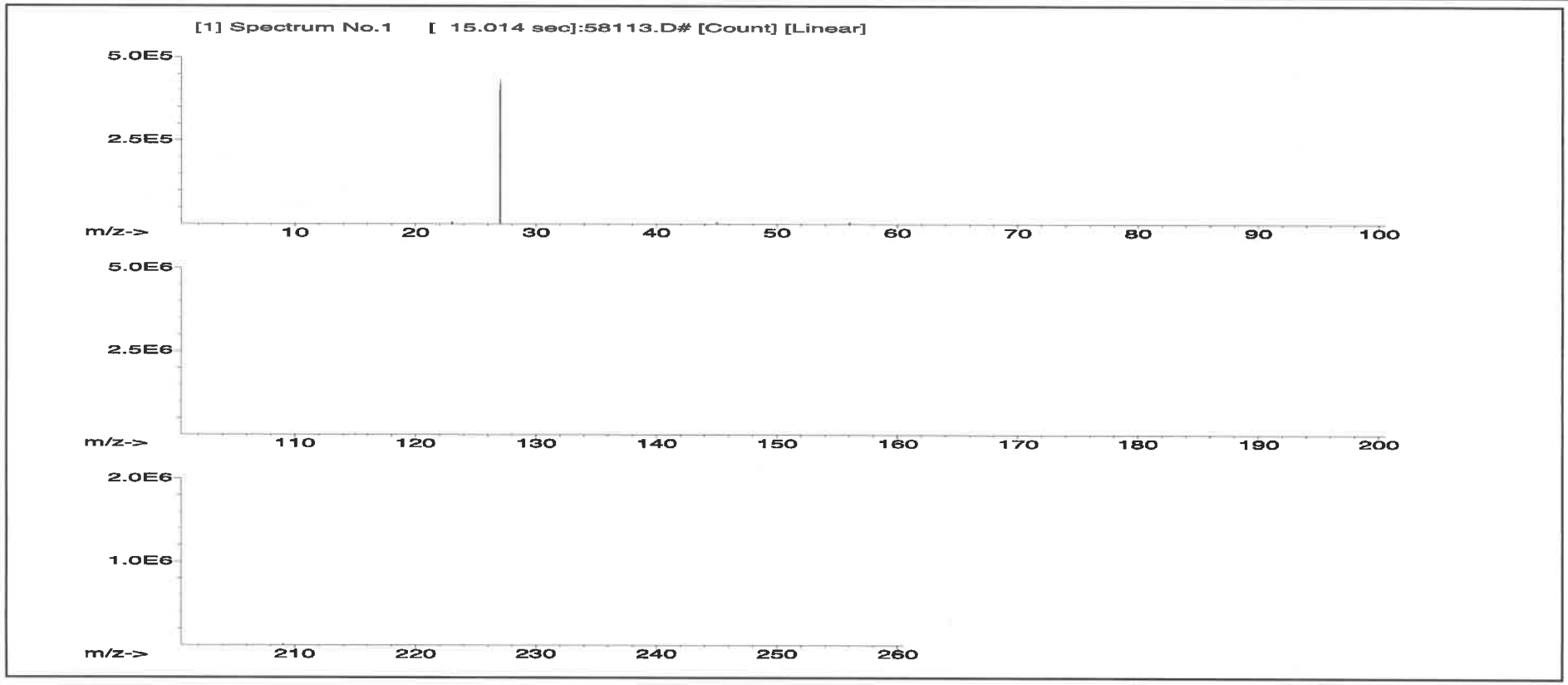
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



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

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

M6094
M6095.

metdig
10/21/24.

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 – 38.0 %	37.6 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.192
ACS – Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS – Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS – Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities – Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities – Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities – Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Nitric Acid 69%
CMOS

M6096
M6097
M6098
M6099
M6100

Mtdl 9/21/24

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Nitric Acid 69%
CMOS

M6112
M6113
M6114
M6115
M6116
M6117

Receive:
9/29/24
Met dig

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

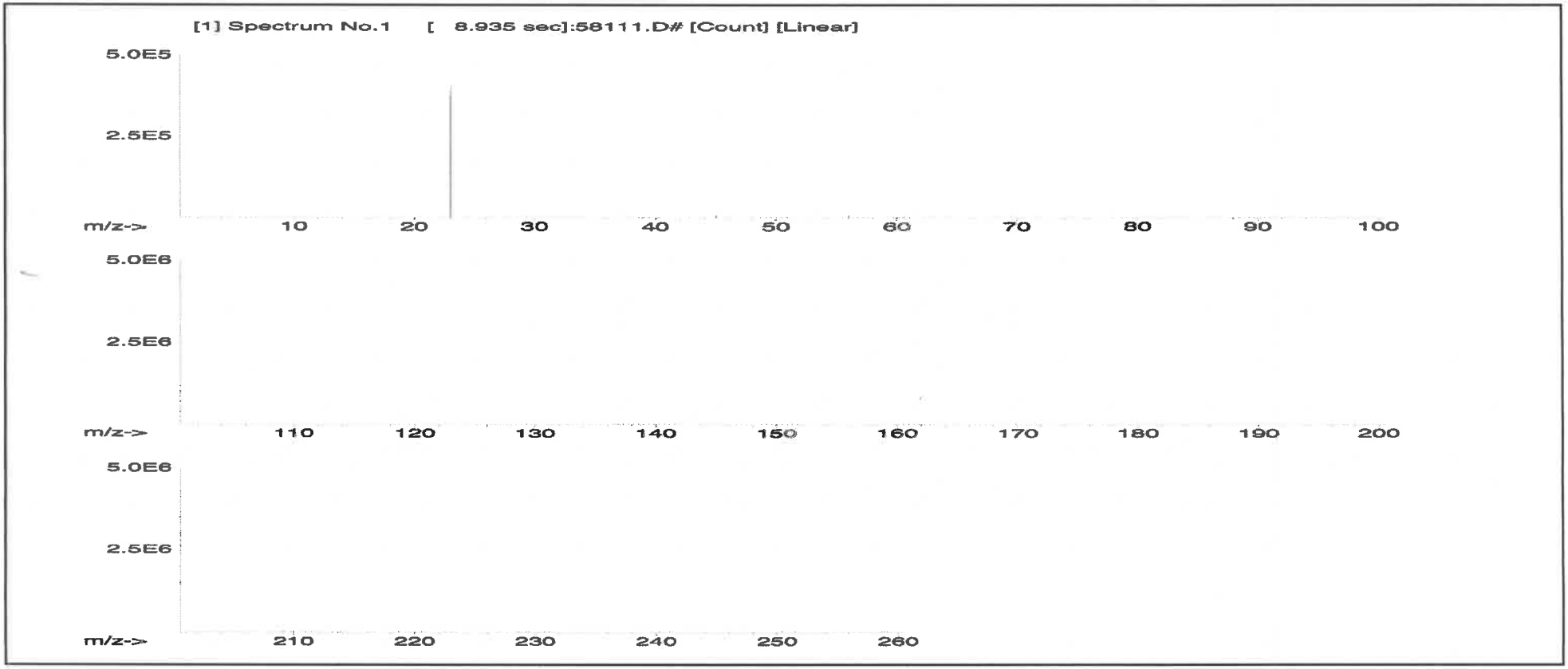
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES™

Refine your results. Redefine your industry.

A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
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(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.**

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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.

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(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

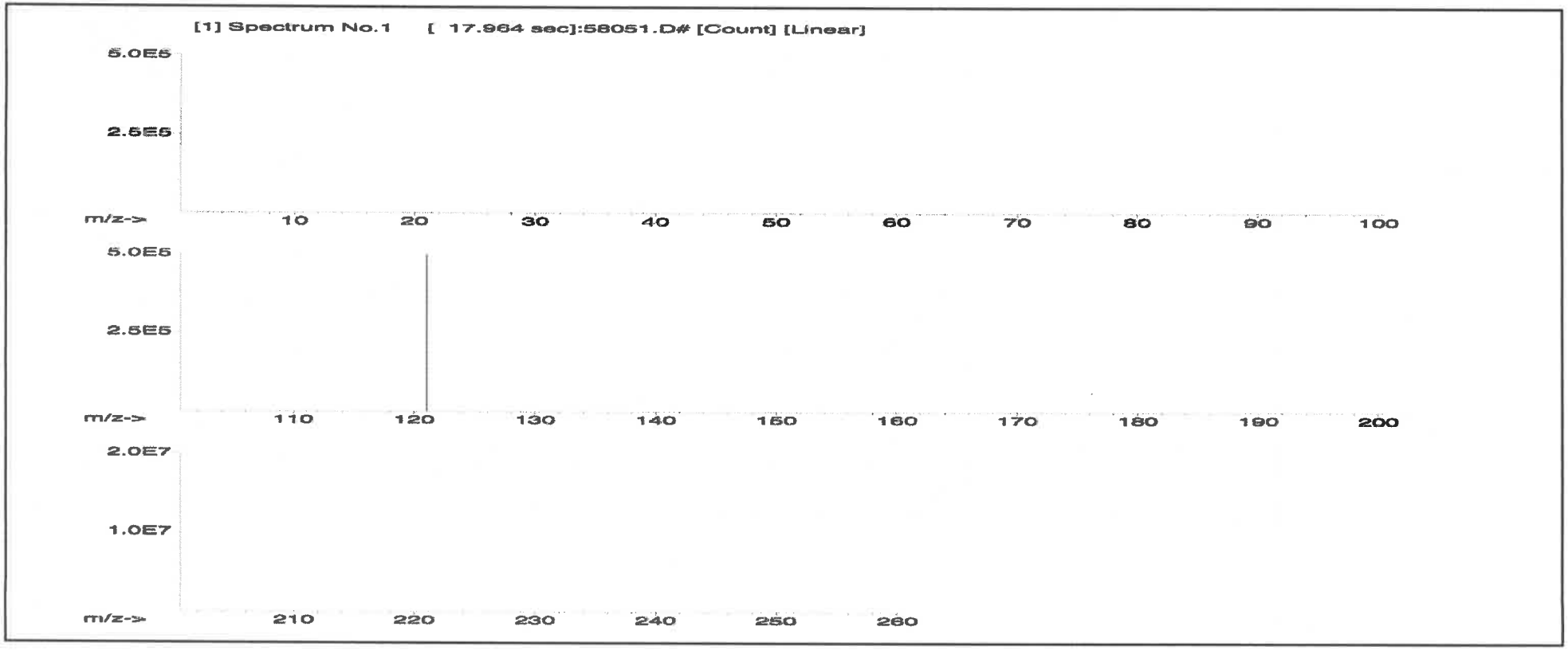
R: 01/03/24 M5802, M5803

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M6030

R: 8/5/24

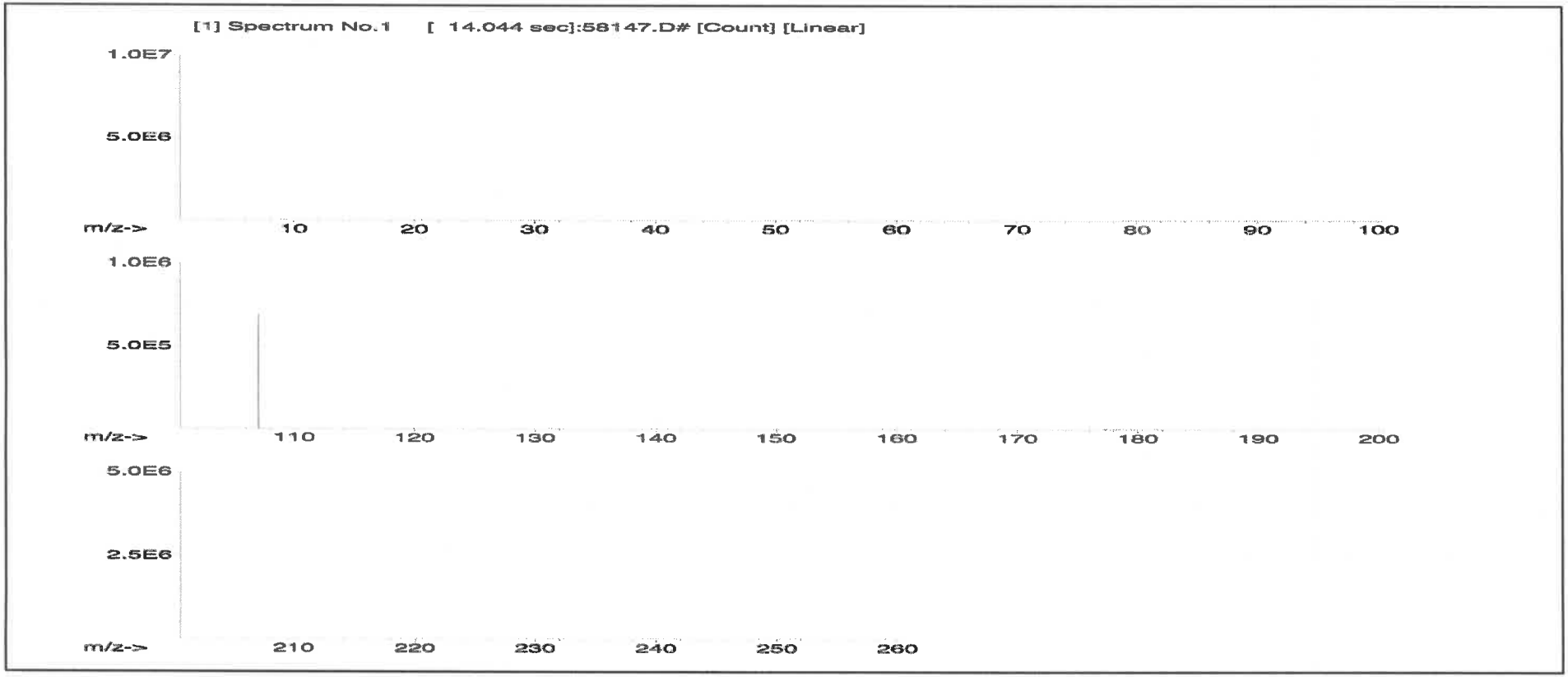
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CERTIFIED WEIGHT REPORT:

Part Number:	**57047**		**Lot #**		
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**	2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

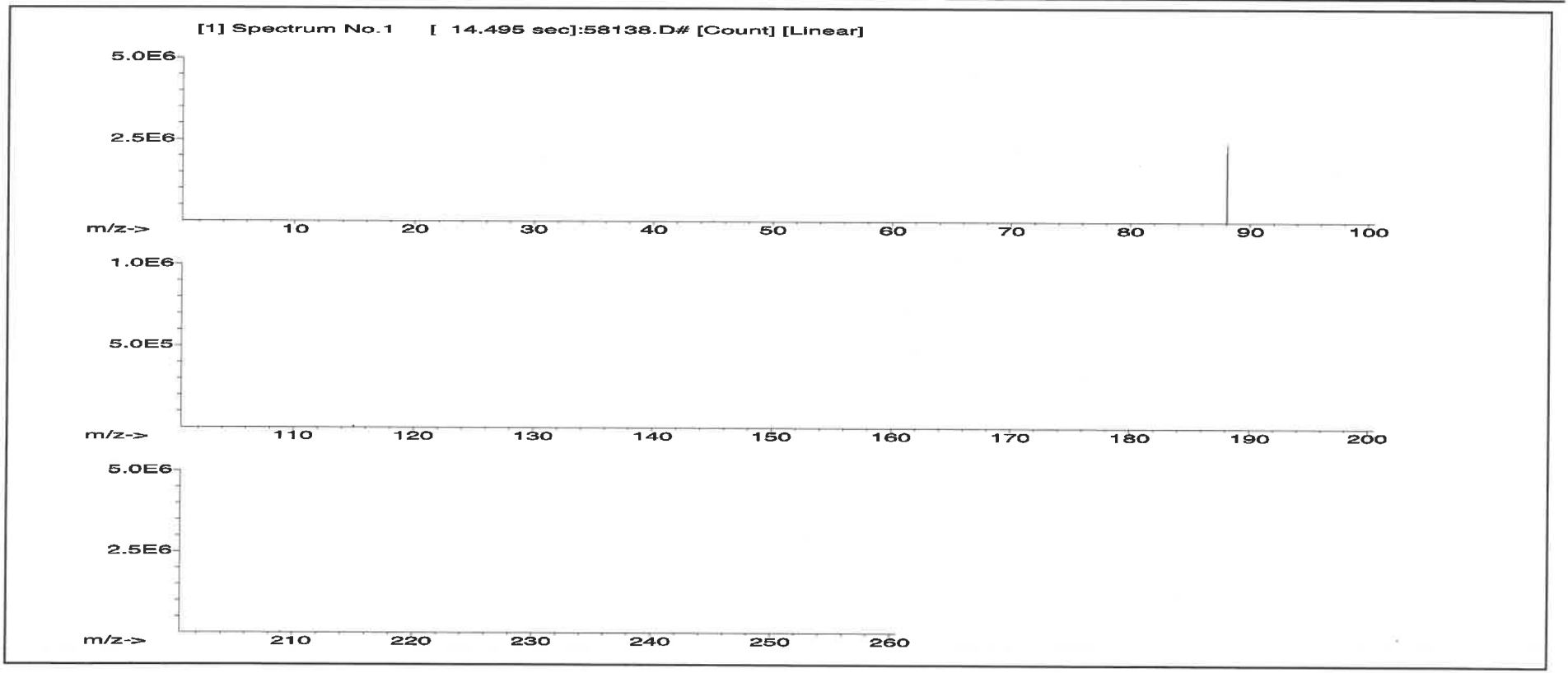
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R ! 8/5/24

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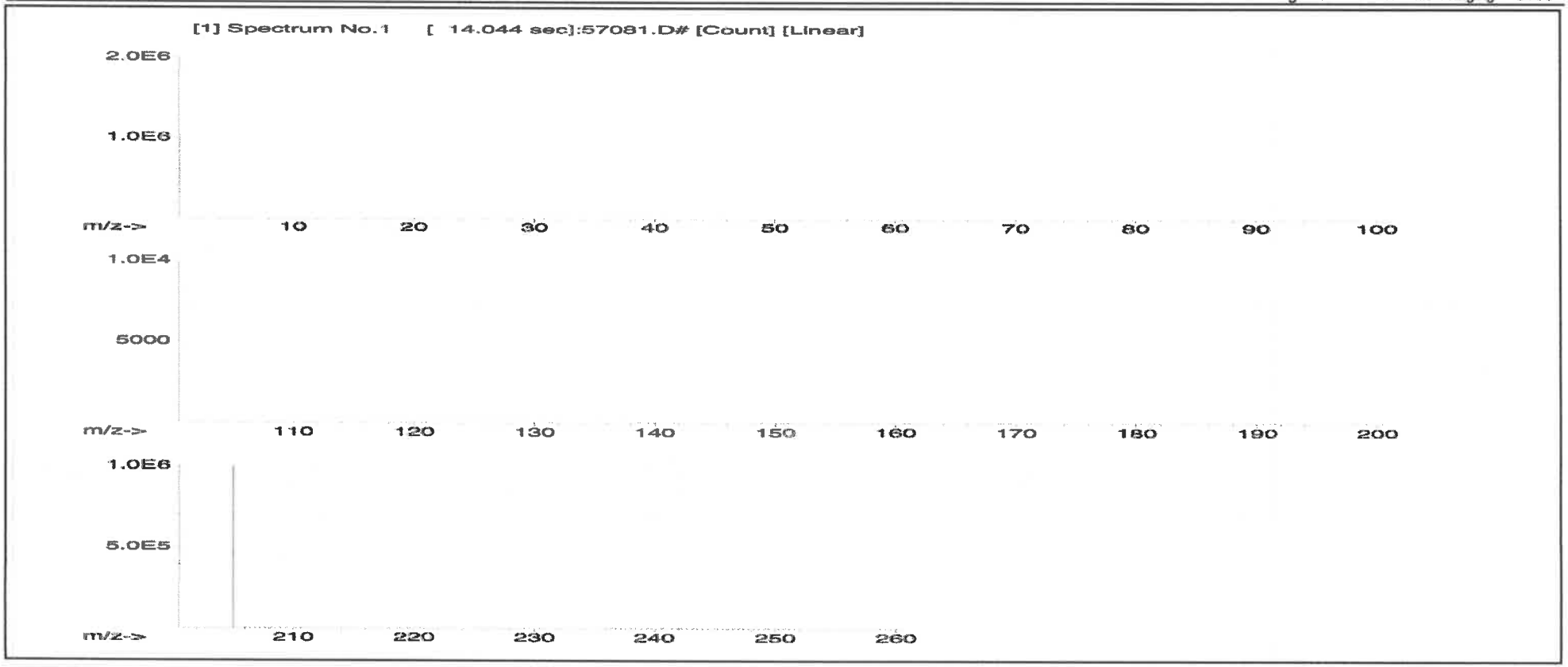
CERTIFIED WEIGHT REPORT:

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
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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Bc. 8/5/24

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**	24002546	Nitric Acid	
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

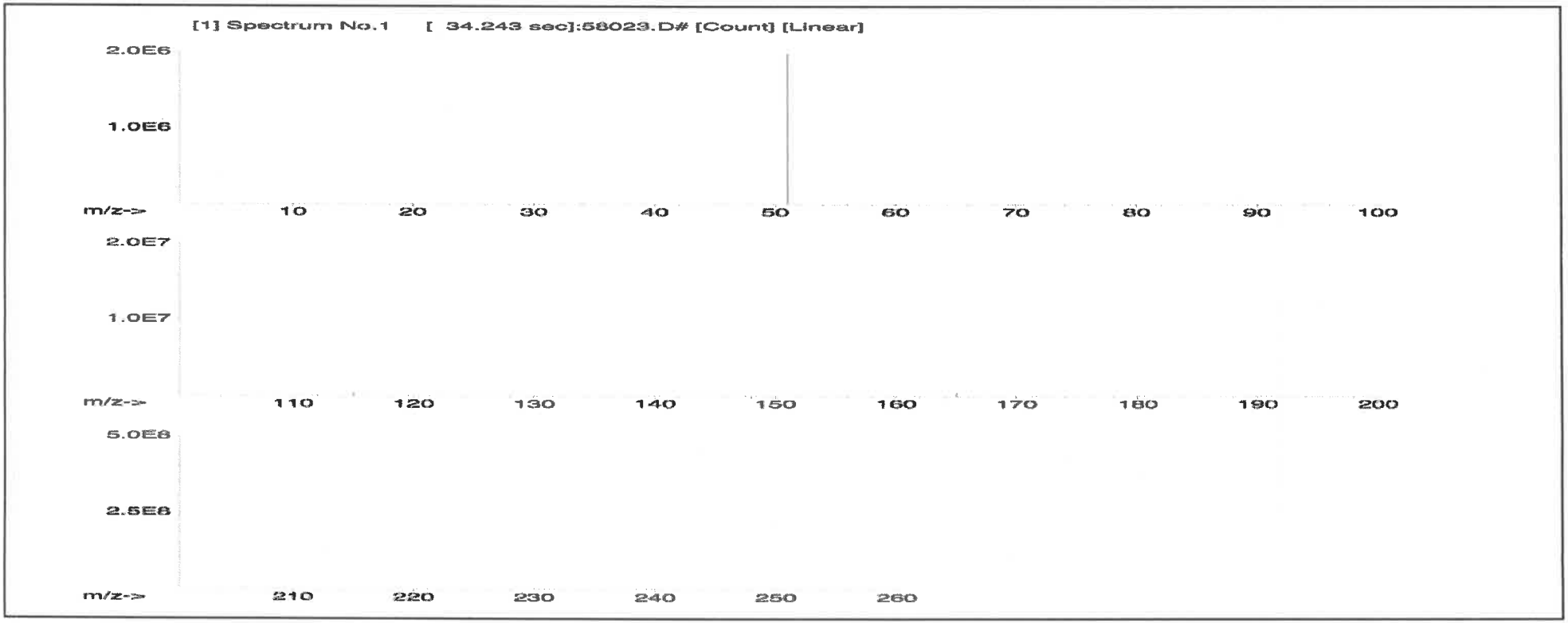
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164596

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYE4T2

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: 11/01/2024 **Time :** 13:00 **Temp :** 97 °C

End Digest Date: 11/01/2024 **Time :** 16:00 **Temp :** 97 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: jgp

Supervisor Signature:

Temp : 1. 97°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP82583
LCSSD	0.50	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	10.00	MP81119
1:1 HCL	5.00	MP82127
Conc. HNO3	5.00	M6113
30% H2O2	3.00	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 : 97 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/1/24 16:30	jgp Met dig	
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164596

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4523-01	MYE4T2	N/A	1.49	500	Brown	Yellow	Medium	N/A	N/A	1
P4523-02	MYE4T3	N/A	1.10	500	Brown	Yellow	Medium	N/A	N/A	2
P4523-03	MYE4T4	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	3
P4523-04	MYE4T5	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	4
P4523-05	MYE4T6	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	5
P4523-06	MYE4T7	N/A	1.49	500	Brown	Yellow	Medium	N/A	N/A	6
P4523-07	MYE4T8	N/A	1.12	500	Brown	Yellow	Medium	N/A	N/A	7
P4523-07MS	MYE4T8MS RE JPP 11/1/24	N/A	1.11	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	8
~~P4523-07MSD~~	~~MYE4T8MSD~~ JPP 11/1/24	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	N/A
P4523-08	MYE4T8D	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	9
P4523-09	MYE4T8S	N/A	1.27	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	10
P4523-10	MYE4T9	N/A	1.22	500	Brown	Yellow	Medium	N/A	N/A	11
P4523-11	MYE4W8	N/A	1.39	500	Brown	Yellow	Medium	N/A	N/A	12
P4523-12	MYE4W9	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	13
P4523-13	MYE4X0	N/A	1.38	500	Brown	Yellow	Medium	N/A	N/A	14
P4523-14	MYE4X1	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	15
P4523-15	MYE4X2	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	16
P4523-16	MYE4X3	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	17
P4523-17	MYE4X4	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	18
P4523-18	MYE4X5	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	19
P4523-19	MYE4X6	N/A	1.17	500	Brown	Yellow	Medium	N/A	N/A	20
P4523-20	MYE4X7	N/A	1.11	500	Brown	Yellow	Medium	N/A	N/A	21
P4523-21	MYE4X8	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	22
P4523-22	MYE4X9	N/A	1.12	500	Brown	Yellow	Medium	N/A	N/A	23
PB164596BL	PBS596	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB164596BS	LCS596	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	25
PB164596BSD	LCSD596	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 # LB133264

Review By	Sarabjit Jaswal	Review On	11/5/2024 7:23:58 PM
Supervise By	Mohan Bera	Supervise On	11/7/2024 12:56:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP83050,MP83049

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE002	TUNE	11/03/24 14:07		Jaswal	OK
2	S00	S0	CAL1	11/03/24 14:49		Jaswal	OK
3	S02	S02	CAL3	11/03/24 14:55		Jaswal	OK
4	S03	S03	CAL4	11/03/24 14:59		Jaswal	OK
5	S04	S04	CAL5	11/03/24 15:02		Jaswal	OK
6	S05	S05	CAL6	11/03/24 15:05		Jaswal	OK
7	S06	S06	CAL7	11/03/24 15:07		Jaswal	OK
8	S07	S07	CAL8	11/03/24 15:10		Jaswal	OK
9	S08	S08	CAL9	11/03/24 15:13		Jaswal	OK
10	ICV002	ICV002	ICV	11/03/24 15:23	Inst. paused for calibration review	Jaswal	OK
11	ICB002	ICB002	ICB	11/03/24 15:31	Inst. paused for review	Jaswal	OK
12	ICSA002	ICSA002	ICSA	11/03/24 15:40	Inst. paused for review	Jaswal	OK
13	ICSAB002	ICSAB002	ICSAB	11/03/24 15:43		Jaswal	OK
14	CCV006	CCV006	CCV	11/03/24 15:46		Jaswal	OK
15	CCB006	CCB006	CCB	11/03/24 15:48		Jaswal	OK
16	PB164585BL	PBS585	MB	11/03/24 15:52		Jaswal	OK
17	PB164585BS	LCS585	LCS	11/03/24 15:55		Jaswal	OK
18	PB164585BSD	LCSD585	LCSD	11/03/24 15:58		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133264

Review By	Sarabjit Jaswal	Review On	11/5/2024 7:23:58 PM
Supervise By	Mohan Bera	Supervise On	11/7/2024 12:56:17 AM

STD. NAME	STD REF.#
ICAL Standard	MP83014,MP83039,MP83038,MP83036,MP83034,MP83035,MP83033,MP83032,MP83016
ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP83050,MP83049

19	PB164596BL	PBS596	MB	11/03/24 16:01		Jaswal	OK
20	PB164596BS	LCS596	LCS	11/03/24 16:05		Jaswal	OK
21	PB164596BSD	LCSD596	LCSD	11/03/24 16:08		Jaswal	OK
22	P4522-01RE	MYE4R1	SAM	11/03/24 16:11	Not use	Jaswal	Not Ok
23	P4522-02	MYE4R1D	DUP	11/03/24 16:14	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
24	P4522-01L	MYE4R1L	SD	11/03/24 16:17	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
25	P4522-03	MYE4R1S	MS	11/03/24 16:21	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
26	P4522-01MS	MYE4R1SRE	MS	11/03/24 16:24	MS Fail For Ag (Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
27	P4522-01	MYE4R1	SAM	11/03/24 16:27	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
28	P4522-04	MYE4R2	SAM	11/03/24 16:30		Jaswal	OK
29	P4522-05	MYE4R3	SAM	11/03/24 16:34		Jaswal	OK
30	P4522-06	MYE4R4	SAM	11/03/24 16:37		Jaswal	OK
31	P4522-07	MYE4R5	SAM	11/03/24 16:40		Jaswal	OK
32	P4522-08	MYE4R6	SAM	11/03/24 16:43		Jaswal	OK
33	P4522-09	MYE4R7	SAM	11/03/24 16:46		Jaswal	OK
34	P4522-10	MYE4R8	SAM	11/03/24 16:49		Jaswal	OK
35	P4522-11	MYE4S0	SAM	11/03/24 16:52		Jaswal	OK
36	P4522-12	MYE4S1	SAM	11/03/24 16:55		Jaswal	OK
37	P4522-13	MYE4S2	SAM	11/03/24 16:58		Jaswal	OK

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP83050,MP83049

38	P4522-14	MYE4S3	SAM	11/03/24 17:01		Jaswal	OK
39	P4522-15	MYE4S4	SAM	11/03/24 17:04		Jaswal	OK
40	P4522-16	MYE4S5	SAM	11/03/24 17:08		Jaswal	OK
41	P4522-17	MYE4S6	SAM	11/03/24 17:11		Jaswal	OK
42	P4522-18	MYE4S7	SAM	11/03/24 17:14		Jaswal	OK
43	P4522-19	MYE4S8	SAM	11/03/24 17:17		Jaswal	OK
44	P4522-20	MYE4S9	SAM	11/03/24 17:20		Jaswal	OK
45	P4522-21	MYE4T0	SAM	11/03/24 17:23		Jaswal	OK
46	CCV007	CCV007	CCV	11/03/24 17:26		Jaswal	OK
47	CCB007	CCB007	CCB	11/03/24 17:29		Jaswal	OK
48	P4522-22	MYE4T1	SAM	11/03/24 17:32		Jaswal	OK
49	P4522-01DL	MYE4R1	SAM	11/03/24 17:35	4X for Ba,Co,Ni,V	Jaswal	Confirms
50	P4522-02DL	MYE4R1D	DUP	11/03/24 17:38	4X for Ba,Co,Ni,V	Jaswal	Confirms
51	P4522-01LDL	MYE4R1L	SD	11/03/24 17:41	20X for Ba,Co,Ni,V	Jaswal	Confirms
52	P4522-03DL	MYE4R1S	MS	11/03/24 17:45	4X for Ba,Co,Ni,V	Jaswal	Confirms
53	P4522-01MSDL	MYE4R1SRE	MS	11/03/24 17:48	4X for Ba,Co,Ni,V	Jaswal	Confirms
54	P4523-01	MYE4T2	SAM	11/03/24 17:51		Jaswal	OK
55	P4523-02	MYE4T3	SAM	11/03/24 17:54		Jaswal	OK
56	P4523-03	MYE4T4	SAM	11/03/24 17:57		Jaswal	OK
57	P4523-04	MYE4T5	SAM	11/03/24 18:00		Jaswal	OK

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP83050,MP83049

58	P4523-05	MYE4T6	SAM	11/03/24 18:03		Jaswal	OK
59	P4523-06	MYE4T7	SAM	11/03/24 18:06		Jaswal	OK
60	P4523-07	MYE4T8	SAM	11/03/24 18:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
61	P4523-08	MYE4T8D	DUP	11/03/24 18:12	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
62	P4523-07L	MYE4T8L	SD	11/03/24 18:15	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
63	P4523-09	MYE4T8S	MS	11/03/24 18:19	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
64	P4523-07MS	MYE4T8SRE	MS	11/03/24 18:22	MS Fail For Ag(Below RL),Pb,Ba,Co,Ni,V High	Jaswal	Dilution
65	P4523-10	MYE4T9	SAM	11/03/24 18:25		Jaswal	OK
66	P4523-11	MYE4W8	SAM	11/03/24 18:28		Jaswal	OK
67	P4523-12	MYE4W9	SAM	11/03/24 18:31		Jaswal	OK
68	P4523-13	MYE4X0	SAM	11/03/24 18:34		Jaswal	OK
69	P4523-14	MYE4X1	SAM	11/03/24 18:37		Jaswal	OK
70	P4523-15	MYE4X2	SAM	11/03/24 18:40		Jaswal	OK
71	P4523-16	MYE4X3	SAM	11/03/24 18:43		Jaswal	OK
72	P4523-17	MYE4X4	SAM	11/03/24 18:46		Jaswal	OK
73	P4523-18	MYE4X5	SAM	11/03/24 18:49		Jaswal	OK
74	CCV008	CCV008	CCV	11/03/24 18:52		Jaswal	OK
75	CCB008	CCB008	CCB	11/03/24 18:55		Jaswal	OK
76	P4523-19	MYE4X6	SAM	11/03/24 18:58		Jaswal	OK

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ICV Standard	MP83041
CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP83050,MP83049

77	P4523-20	MYE4X7	SAM	11/03/24 19:01		Jaswal	OK
78	P4523-21	MYE4X8	SAM	11/03/24 19:05		Jaswal	OK
79	P4523-22	MYE4X9	SAM	11/03/24 19:08		Jaswal	OK
80	PB164452BL	PBS452	MB	11/03/24 19:11		Jaswal	OK
81	PB164452BS	LCS452	LCS	11/03/24 19:14		Jaswal	OK
82	PB164452BSD	LCSD452	LCSD	11/03/24 19:17		Jaswal	OK
83	P4525-01	MYE4H7	SAM	11/03/24 19:21	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
84	P4525-02	MYE4H7D	DUP	11/03/24 19:24	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
85	P4525-01L	MYE4H7L	SD	11/03/24 19:27	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
86	P4525-03	MYE4H7S	MS	11/03/24 19:30	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
87	P4525-01MS	MYE4H7SRE	MS	11/03/24 19:33	MS Fail For Ag (Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
88	P4526-01	MYE4M3	SAM	11/03/24 19:36	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
89	P4526-02	MYE4M3D	DUP	11/03/24 19:40	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
90	P4526-01L	MYE4M3L	SD	11/03/24 19:44	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
91	P4526-03	MYE4M3S	MS	11/03/24 19:47	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
92	P4526-01MS	MYE4M3SRE	MS	11/03/24 19:50	MS Fail For Ag (Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
93	P4527-01	MYE4R9	SAM	11/03/24 19:53	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
94	P4527-02	MYE4R9D	DUP	11/03/24 19:56	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
95	P4527-01L	MYE4R9L	SD	11/03/24 19:59	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP83050,MP83049

96	P4527-03	MYE4R9S	MS	11/03/24 20:03	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
97	P4527-01MS	MYE4R9SRE	MS	11/03/24 20:06	MS Fail For As,Pb,Ag(BelOW RL),Ba,Co,Ni,V High	Jaswal	Dilution
98	P4544-01	MYE5G1	SAM	11/03/24 20:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
99	P4544-02	MYE5G1D	DUP	11/03/24 20:12	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
100	P4544-01L	MYE5G1L	SD	11/03/24 20:15	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
101	P4544-03	MYE5G1S	MS	11/03/24 20:18	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
102	CCV009	CCV009	CCV	11/03/24 20:25		Jaswal	OK
103	CCB009	CCB009	CCB	11/03/24 20:28		Jaswal	OK
104	P4544-01MS	MYE5G1SRE	MS	11/03/24 20:32	MS Fail For Ag (Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
105	P4525-01DL	MYE4H7	SAM	11/03/24 20:34	4X For Ba,Co,Ni,V	Jaswal	Confirms
106	P4525-02DL	MYE4H7D	DUP	11/03/24 20:38	4X For Ba,Co,Ni,V	Jaswal	Confirms
107	P4525-01LDL	MYE4H7L	SD	11/03/24 20:41	4X For Ba,Co,Ni,V	Jaswal	Confirms
108	P4525-03DL	MYE4H7S	MS	11/03/24 20:44	4X For Ba,Co,Ni,V	Jaswal	Confirms
109	P4525-01MSDL	MYE4H7SRE	MS	11/03/24 20:47	4X For Ba,Co,Ni,V	Jaswal	Confirms
110	P4526-01DL	MYE4M3	SAM	11/03/24 20:50	4X For Ba,Co,Ni,V	Jaswal	Confirms
111	P4526-02DL	MYE4M3D	DUP	11/03/24 20:53	4X For Ba,Co,Ni,V	Jaswal	Confirms
112	P4526-01LDL	MYE4M3L	SD	11/03/24 20:57	4X For Ba,Co,Ni,V	Jaswal	Confirms
113	P4526-03DL	MYE4M3S	MS	11/03/24 21:00	4X For Ba,Co,Ni,V	Jaswal	Confirms
114	P4526-01MSDL	MYE4M3SRE	MS	11/03/24 21:03	4X For Ba,Co,Ni,V	Jaswal	Confirms

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CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP83050,MP83049

115	P4527-01DL	MYE4R9	SAM	11/03/24 21:06	4X For Ba,Co,Ni,V	Jaswal	Confirms
116	P4527-02DL	MYE4R9D	DUP	11/03/24 21:09	4X For Ba,Co,Ni,V	Jaswal	Confirms
117	P4527-01LDL	MYE4R9L	SD	11/03/24 21:12	4X For Ba,Co,Ni,V	Jaswal	Confirms
118	P4527-03DL	MYE4R9S	MS	11/03/24 21:16	4X For Ba,Co,Ni,V	Jaswal	Confirms
119	P4527-01MSDL	MYE4R9SRE	MS	11/03/24 21:19	4X For Ba,Co,Ni,V	Jaswal	Confirms
120	P4544-01DL	MYE5G1	SAM	11/03/24 21:22	4X For Ba,Co,Ni,V	Jaswal	Confirms
121	P4544-02DL	MYE5G1D	DUP	11/03/24 21:25	4X For Ba,Co,Ni,V	Jaswal	Confirms
122	P4544-01LDL	MYE5G1L	SD	11/03/24 21:28	4X For Ba,Co,Ni,V	Jaswal	Confirms
123	P4544-03DL	MYE5G1S	MS	11/03/24 21:31	4X For Ba,Co,Ni,V	Jaswal	Confirms
124	P4544-01MSDL	MYE5G1SRE	MS	11/03/24 21:35	4X For Ba,Co,Ni,V	Jaswal	Confirms
125	P4523-07DL	MYE4T8	SAM	11/03/24 21:38	4X For Ba,Co,Ni,V	Jaswal	Confirms
126	P4523-08DL	MYE4T8D	DUP	11/03/24 21:41	4X For Ba,Co,Ni,V	Jaswal	Confirms
127	P4523-07LDL	MYE4T8L	SD	11/03/24 21:44	4X For Ba,Co,Ni,V	Jaswal	Confirms
128	P4523-09DL	MYE4T8S	MS	11/03/24 21:47	4X For Ba,Co,Ni,V	Jaswal	Confirms
129	P4523-07MSDL	MYE4T8SRE	MS	11/03/24 21:51	4X For Ba,Co,Ni,V	Jaswal	Confirms
130	CCV010	CCV010	CCV	11/03/24 21:54		Jaswal	OK
131	CCB010	CCB010	CCB	11/03/24 21:58		Jaswal	OK
132	P4522-01A	MYE4R1ARE	PS	11/03/24 23:04	PS For Ag(0.02ml mp83071-10ml sample)	Jaswal	OK
133	P4523-07ARE	MYE4T8ARE	PS	11/03/24 23:07	Not use	Jaswal	Not Ok

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CCV Standard	MP83042
ICSA Standard	MP83043,MP83044
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP83050,MP83049

134	P4525-01A	MYE4H7ARE	PS	11/03/24 23:10	PS For Ag(0.02ml mp83071-10ml sample)	Jaswal	OK
135	P4526-01A	MYE4M3ARE	PS	11/03/24 23:13	PS For Ag(0.02ml mp83071-10ml sample)	Jaswal	OK
136	P4523-07A	MYE4T8ARE	PS	11/03/24 23:16	PS For Ag,Pb(0.02ml mp83071,0.025ml mp83074-10ml sample)	Jaswal	OK
137	P4527-01A	MYE4R9ARE	PS	11/03/24 23:19	PS For As,Pb,Ag(0.0036ml m5801,0.02ml mp83071,0.018ml mp83074ml -10ml sample)	Jaswal	OK
138	P4544-01A	MYE5G1ARE	PS	11/03/24 23:22	PS For Ag(0.02ml mp83071-10ml sample)	Jaswal	OK
139	P4520-08A	MYE4M1ARE	PS	11/03/24 23:30	PS For Pb(0.022ml mp83074-10ml sample)	Jaswal	OK
140	CCV011	CCV011	CCV	11/03/24 23:34		Jaswal	OK
141	CCB011	CCB011	CCB	11/03/24 23:38		Jaswal	OK