EPA SAMPLE NO.

MYD0D5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-01

% Solids: 96.2 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.76	J	10/23/2024	0856
7440-38-2	Arsenic	57		10/23/2024	0856
7440-39-3	Barium	170	*	10/23/2024	0856
7440-41-7	Beryllium	0.78		10/23/2024	0856
7440-43-9	Cadmium	0.15	J	10/23/2024	0856
7440-47-3	Chromium	55		10/23/2024	0856
7440-48-4	Cobalt	20		10/23/2024	0856
7440-50-8	Copper	46		10/23/2024	0856
7439-92-1	Lead	11	*	10/23/2024	0856
7440-02-0	Nickel	48		10/23/2024	0856
7782-49-2	Selenium	0.32	J	10/23/2024	0856
7440-22-4	Silver	0.045	J	10/23/2024	0856
7440-28-0	Thallium	0.22	J	10/23/2024	0856
7440-62-2	Vanadium	82		10/23/2024	0856
7440-66-6	Zinc	78		10/23/2024	0856

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

Comments:

EPA SAMPLE NO.

MYD0S9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-02

% Solids: 95.4 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.91		10/23/2024	0900
7440-38-2	Arsenic	54		10/23/2024	0900
7440-39-3	Barium	230	*	10/23/2024	0900
7440-41-7	Beryllium	0.71		10/23/2024	0900
7440-43-9	Cadmium	0.28	J	10/23/2024	0900
7440-47-3	Chromium	45		10/23/2024	0900
7440-48-4	Cobalt	22		10/23/2024	0900
7440-50-8	Copper	80		10/23/2024	0900
7439-92-1	Lead	19	*	10/23/2024	0900
7440-02-0	Nickel	46		10/23/2024	0900
7782-49-2	Selenium	0.33	J	10/23/2024	0900
7440-22-4	Silver	0.14	J	10/23/2024	0900
7440-28-0	Thallium	0.31	J	10/23/2024	0900
7440-62-2	Vanadium	77		10/23/2024	0900
7440-66-6	Zinc	100		10/23/2024	0900

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

Comments:

EPA SAMPLE NO.

MYD0T0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-03

% Solids: 92.6 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.95	J	10/23/2024	0903
7440-38-2	Arsenic	83		10/23/2024	0903
7440-39-3	Barium	180	*	10/23/2024	0903
7440-41-7	Beryllium	0.51	J	10/23/2024	0903
7440-43-9	Cadmium	2.0		10/23/2024	0903
7440-47-3	Chromium	190		10/23/2024	0903
7440-48-4	Cobalt	57		10/23/2024	0903
7440-50-8	Copper	320		10/23/2024	0903
7439-92-1	Lead	73	*	10/23/2024	0903
7440-02-0	Nickel	120		10/23/2024	0903
7782-49-2	Selenium	1.2	J	10/23/2024	0903
7440-22-4	Silver	0.48	J	10/23/2024	0903
7440-28-0	Thallium	0.13	J	10/23/2024	0903
7440-62-2	Vanadium	150		10/23/2024	0903
7440-66-6	Zinc	210		10/23/2024	0903

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

Comments:

EPA SAMPLE NO.

MYD0T1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-04

% Solids: 92.7 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.33	J	10/23/2024	0907
7440-38-2	Arsenic	32		10/23/2024	0907
7440-39-3	Barium	120	*	10/23/2024	0907
7440-41-7	Beryllium	0.38	J	10/23/2024	0907
7440-43-9	Cadmium	0.21	J	10/23/2024	0907
7440-47-3	Chromium	140		10/23/2024	0907
7440-48-4	Cobalt	39		10/23/2024	0907
7440-50-8	Copper	130		10/23/2024	0907
7439-92-1	Lead	9.3	*	10/23/2024	0907
7440-02-0	Nickel	86		10/23/2024	0907
7782-49-2	Selenium	0.63	J	10/23/2024	0907
7440-22-4	Silver	0.10	J	10/23/2024	0907
7440-28-0	Thallium	0.066	J	10/23/2024	0907
7440-62-2	Vanadium	110		10/23/2024	0907
7440-66-6	Zinc	77		10/23/2024	0907

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

Comments:

EPA SAMPLE NO.

MYD0T2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-05

% Solids: 92.4 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.36	J	10/23/2024	1751
7440-38-2	Arsenic	31		10/23/2024	1751
7440-39-3	Barium	110	*	10/23/2024	1751
7440-41-7	Beryllium	0.52		10/23/2024	1751
7440-43-9	Cadmium	0.071	J	10/23/2024	1751
7440-47-3	Chromium	170		10/23/2024	1751
7440-48-4	Cobalt	44		10/23/2024	1751
7440-50-8	Copper	130		10/23/2024	1751
7439-92-1	Lead	3.1	*	10/23/2024	1751
7440-02-0	Nickel	83		10/23/2024	1751
7782-49-2	Selenium	0.42	J	10/23/2024	1751
7440-22-4	Silver	0.059	J	10/23/2024	1751
7440-28-0	Thallium	0.080	J	10/23/2024	1751
7440-62-2	Vanadium	100		10/23/2024	1751
7440-66-6	Zinc	59		10/23/2024	1751

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

Comments:

EPA SAMPLE NO.

MYD0T3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-06

% Solids: 92 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.42	J	10/23/2024	1754
7440-38-2	Arsenic	37		10/23/2024	1754
7440-39-3	Barium	150	*	10/23/2024	1754
7440-41-7	Beryllium	0.68		10/23/2024	1754
7440-43-9	Cadmium	0.37	J	10/23/2024	1754
7440-47-3	Chromium	150		10/23/2024	1754
7440-48-4	Cobalt	42		10/23/2024	1754
7440-50-8	Copper	130		10/23/2024	1754
7439-92-1	Lead	8.7	*	10/23/2024	1754
7440-02-0	Nickel	88		10/23/2024	1754
7782-49-2	Selenium	0.65	J	10/23/2024	1754
7440-22-4	Silver	0.22	J	10/23/2024	1754
7440-28-0	Thallium	0.12	J	10/23/2024	1754
7440-62-2	Vanadium	120		10/23/2024	1754
7440-66-6	Zinc	71		10/23/2024	1754

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

Comments:

EPA SAMPLE NO.

MYD0T4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-07

% Solids: 97.3 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.64	J	10/23/2024	1757
7440-38-2	Arsenic	65		10/23/2024	1757
7440-39-3	Barium	230	*	10/23/2024	1757
7440-41-7	Beryllium	0.89		10/23/2024	1757
7440-43-9	Cadmium	0.65		10/23/2024	1757
7440-47-3	Chromium	40		10/23/2024	1757
7440-48-4	Cobalt	21		10/23/2024	1757
7440-50-8	Copper	160		10/23/2024	1757
7439-92-1	Lead	39	*	10/23/2024	1757
7440-02-0	Nickel	42		10/23/2024	1757
7782-49-2	Selenium	0.74	J	10/23/2024	1757
7440-22-4	Silver	0.45		10/23/2024	1757
7440-28-0	Thallium	0.24	J	10/23/2024	1757
7440-62-2	Vanadium	79		10/23/2024	1757
7440-66-6	Zinc	130		10/23/2024	1757

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

Comments:

EPA SAMPLE NO.

MYD0T5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-08

% Solids: 96.8 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.81	J	10/23/2024	1800
7440-38-2	Arsenic	74		10/23/2024	1800
7440-39-3	Barium	260	*	10/23/2024	1800
7440-41-7	Beryllium	0.93		10/23/2024	1800
7440-43-9	Cadmium	0.64		10/23/2024	1800
7440-47-3	Chromium	44		10/23/2024	1800
7440-48-4	Cobalt	21		10/23/2024	1800
7440-50-8	Copper	90		10/23/2024	1800
7439-92-1	Lead	33	*	10/23/2024	1800
7440-02-0	Nickel	44		10/23/2024	1800
7782-49-2	Selenium	0.73	J	10/23/2024	1800
7440-22-4	Silver	0.29	J	10/23/2024	1800
7440-28-0	Thallium	0.23	J	10/23/2024	1800
7440-62-2	Vanadium	84		10/23/2024	1800
7440-66-6	Zinc	110		10/23/2024	1800

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

Comments:

EPA SAMPLE NO.

MYD0T6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-09

% Solids: 95.2 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.76	J	10/23/2024	1803
7440-38-2	Arsenic	76		10/23/2024	1803
7440-39-3	Barium	210	*	10/23/2024	1803
7440-41-7	Beryllium	0.94		10/23/2024	1803
7440-43-9	Cadmium	0.31	J	10/23/2024	1803
7440-47-3	Chromium	43		10/23/2024	1803
7440-48-4	Cobalt	21		10/23/2024	1803
7440-50-8	Copper	51		10/23/2024	1803
7439-92-1	Lead	14	*	10/23/2024	1803
7440-02-0	Nickel	45		10/23/2024	1803
7782-49-2	Selenium	0.73	J	10/23/2024	1803
7440-22-4	Silver	0.082	J	10/23/2024	1803
7440-28-0	Thallium	0.17	J	10/23/2024	1803
7440-62-2	Vanadium	82		10/23/2024	1803
7440-66-6	Zinc	76		10/23/2024	1803

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

Comments:

EPA SAMPLE NO.

MYD0T7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-10

% Solids: 94.7 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.51	J	10/23/2024	1806
7440-38-2	Arsenic	80		10/23/2024	1806
7440-39-3	Barium	240	*	10/23/2024	1806
7440-41-7	Beryllium	1.0		10/23/2024	1806
7440-43-9	Cadmium	0.26	J	10/23/2024	1806
7440-47-3	Chromium	42		10/23/2024	1806
7440-48-4	Cobalt	22		10/23/2024	1806
7440-50-8	Copper	45		10/23/2024	1806
7439-92-1	Lead	11	*	10/23/2024	1806
7440-02-0	Nickel	45		10/23/2024	1806
7782-49-2	Selenium	0.64	J	10/23/2024	1806
7440-22-4	Silver	0.056	J	10/23/2024	1806
7440-28-0	Thallium	0.18	J	10/23/2024	1806
7440-62-2	Vanadium	84		10/23/2024	1806
7440-66-6	Zinc	68		10/23/2024	1806

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

Comments:

EPA SAMPLE NO.

MYD0T8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-11

% Solids: 95.3 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.51	J	10/23/2024	1809
7440-38-2	Arsenic	86		10/23/2024	1809
7440-39-3	Barium	220	*	10/23/2024	1809
7440-41-7	Beryllium	0.94		10/23/2024	1809
7440-43-9	Cadmium	0.30	J	10/23/2024	1809
7440-47-3	Chromium	49		10/23/2024	1809
7440-48-4	Cobalt	22		10/23/2024	1809
7440-50-8	Copper	52		10/23/2024	1809
7439-92-1	Lead	13	*	10/23/2024	1809
7440-02-0	Nickel	47		10/23/2024	1809
7782-49-2	Selenium	0.62	J	10/23/2024	1809
7440-22-4	Silver	0.067	J	10/23/2024	1809
7440-28-0	Thallium	0.20	J	10/23/2024	1809
7440-62-2	Vanadium	90		10/23/2024	1809
7440-66-6	Zinc	77		10/23/2024	1809

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

Comments:

EPA SAMPLE NO.

MYD0T9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-12

% Solids: 97 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.28	J	10/23/2024	1812
7440-38-2	Arsenic	42		10/23/2024	1812
7440-39-3	Barium	240	*	10/23/2024	1812
7440-41-7	Beryllium	1.1		10/23/2024	1812
7440-43-9	Cadmium	0.34	J	10/23/2024	1812
7440-47-3	Chromium	54		10/23/2024	1812
7440-48-4	Cobalt	25		10/23/2024	1812
7440-50-8	Copper	69		10/23/2024	1812
7439-92-1	Lead	16	*	10/23/2024	1812
7440-02-0	Nickel	43		10/23/2024	1812
7782-49-2	Selenium	0.40	J	10/23/2024	1812
7440-22-4	Silver	0.081	J	10/23/2024	1812
7440-28-0	Thallium	0.17	J	10/23/2024	1812
7440-62-2	Vanadium	97		10/23/2024	1812
7440-66-6	Zinc	90		10/23/2024	1812

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

Comments:

EPA SAMPLE NO.

MYD0W0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-13

% Solids: 92.3 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.60	J	10/23/2024	1815
7440-38-2	Arsenic	71		10/23/2024	1815
7440-39-3	Barium	200	*	10/23/2024	1815
7440-41-7	Beryllium	0.94		10/23/2024	1815
7440-43-9	Cadmium	0.47	J	10/23/2024	1815
7440-47-3	Chromium	68		10/23/2024	1815
7440-48-4	Cobalt	30		10/23/2024	1815
7440-50-8	Copper	110		10/23/2024	1815
7439-92-1	Lead	19	*	10/23/2024	1815
7440-02-0	Nickel	48		10/23/2024	1815
7782-49-2	Selenium	0.53	J	10/23/2024	1815
7440-22-4	Silver	0.13	J	10/23/2024	1815
7440-28-0	Thallium	0.14	J	10/23/2024	1815
7440-62-2	Vanadium	120		10/23/2024	1815
7440-66-6	Zinc	110		10/23/2024	1815

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

Comments:

EPA SAMPLE NO.

MYD0W1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-14

% Solids: 94.1 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1		10/23/2024	1818
7440-38-2	Arsenic	82		10/23/2024	1818
7440-39-3	Barium	300	*	10/23/2024	1818
7440-41-7	Beryllium	0.88		10/23/2024	1818
7440-43-9	Cadmium	0.92		10/23/2024	1818
7440-47-3	Chromium	72		10/23/2024	1818
7440-48-4	Cobalt	39		10/23/2024	1818
7440-50-8	Copper	180		10/23/2024	1818
7439-92-1	Lead	39	*	10/23/2024	1818
7440-02-0	Nickel	52		10/23/2024	1818
7782-49-2	Selenium	0.75	J	10/23/2024	1818
7440-22-4	Silver	0.30	J	10/23/2024	1818
7440-28-0	Thallium	0.14	J	10/23/2024	1818
7440-62-2	Vanadium	130		10/23/2024	1818
7440-66-6	Zinc	140		10/23/2024	1818

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

Comments:

EPA SAMPLE NO.

MYD0W2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-15

% Solids: 95.2 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.34	J	10/23/2024	1821
7440-38-2	Arsenic	51		10/23/2024	1821
7440-39-3	Barium	190	D*	10/23/2024	1925
7440-41-7	Beryllium	0.96		10/23/2024	1821
7440-43-9	Cadmium	0.30	J	10/23/2024	1821
7440-47-3	Chromium	60		10/23/2024	1821
7440-48-4	Cobalt	29	D	10/23/2024	1925
7440-50-8	Copper	77		10/23/2024	1821
7439-92-1	Lead	15	*	10/23/2024	1821
7440-02-0	Nickel	48	D	10/23/2024	1925
7782-49-2	Selenium	0.41	J	10/23/2024	1821
7440-22-4	Silver	0.073	J	10/23/2024	1821
7440-28-0	Thallium	0.14	J	10/23/2024	1821
7440-62-2	Vanadium	110	D	10/23/2024	1925
7440-66-6	Zinc	85		10/23/2024	1821

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

Comments:

EPA SAMPLE NO.

MYD0W3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-18

% Solids: 96.6 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.55	J	10/23/2024	1837
7440-38-2	Arsenic	67		10/23/2024	1837
7440-39-3	Barium	320	*	10/23/2024	1837
7440-41-7	Beryllium	0.90		10/23/2024	1837
7440-43-9	Cadmium	0.63		10/23/2024	1837
7440-47-3	Chromium	55		10/23/2024	1837
7440-48-4	Cobalt	32		10/23/2024	1837
7440-50-8	Copper	94		10/23/2024	1837
7439-92-1	Lead	29	*	10/23/2024	1837
7440-02-0	Nickel	50		10/23/2024	1837
7782-49-2	Selenium	0.51	J	10/23/2024	1837
7440-22-4	Silver	0.20	J	10/23/2024	1837
7440-28-0	Thallium	0.15	J	10/23/2024	1837
7440-62-2	Vanadium	120		10/23/2024	1837
7440-66-6	Zinc	180		10/23/2024	1837

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

Comments:

EPA SAMPLE NO.

MYD0W4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-19

% Solids: 93.1 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.61	J	10/23/2024	1840
7440-38-2	Arsenic	60		10/23/2024	1840
7440-39-3	Barium	690	*	10/23/2024	1840
7440-41-7	Beryllium	1.2		10/23/2024	1840
7440-43-9	Cadmium	0.70		10/23/2024	1840
7440-47-3	Chromium	59		10/23/2024	1840
7440-48-4	Cobalt	32		10/23/2024	1840
7440-50-8	Copper	110		10/23/2024	1840
7439-92-1	Lead	32	*	10/23/2024	1840
7440-02-0	Nickel	61		10/23/2024	1840
7782-49-2	Selenium	0.57	J	10/23/2024	1840
7440-22-4	Silver	0.20	J	10/23/2024	1840
7440-28-0	Thallium	0.21	J	10/23/2024	1840
7440-62-2	Vanadium	110		10/23/2024	1840
7440-66-6	Zinc	130		10/23/2024	1840

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

Comments:

EPA SAMPLE NO.

MYD0W5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-20

% Solids: 91.5 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.29	J	10/23/2024	1843
7440-38-2	Arsenic	57		10/23/2024	1843
7440-39-3	Barium	300	*	10/23/2024	1843
7440-41-7	Beryllium	1.2		10/23/2024	1843
7440-43-9	Cadmium	0.34	J	10/23/2024	1843
7440-47-3	Chromium	63		10/23/2024	1843
7440-48-4	Cobalt	29		10/23/2024	1843
7440-50-8	Copper	81		10/23/2024	1843
7439-92-1	Lead	21	*	10/23/2024	1843
7440-02-0	Nickel	61		10/23/2024	1843
7782-49-2	Selenium	0.70	J	10/23/2024	1843
7440-22-4	Silver	0.12	J	10/23/2024	1843
7440-28-0	Thallium	0.16	J	10/23/2024	1843
7440-62-2	Vanadium	120		10/23/2024	1843
7440-66-6	Zinc	99		10/23/2024	1843

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

Comments:

EPA SAMPLE NO.

MYD0W6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-21

% Solids: 88.7 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2		10/23/2024	1846
7440-38-2	Arsenic	62		10/23/2024	1846
7440-39-3	Barium	330	*	10/23/2024	1846
7440-41-7	Beryllium	1.3		10/23/2024	1846
7440-43-9	Cadmium	0.21	J	10/23/2024	1846
7440-47-3	Chromium	67		10/23/2024	1846
7440-48-4	Cobalt	32		10/23/2024	1846
7440-50-8	Copper	68		10/23/2024	1846
7439-92-1	Lead	15	*	10/23/2024	1846
7440-02-0	Nickel	70		10/23/2024	1846
7782-49-2	Selenium	0.74	J	10/23/2024	1846
7440-22-4	Silver	0.078	J	10/23/2024	1846
7440-28-0	Thallium	0.15	J	10/23/2024	1846
7440-62-2	Vanadium	130		10/23/2024	1846
7440-66-6	Zinc	95		10/23/2024	1846

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

Comments:

EPA SAMPLE NO.

MYD0W7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0D5

Matrix: SOIL Lab Sample ID: P4292-22

% Solids: 97.5 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.44	J	10/23/2024	1855
7440-38-2	Arsenic	80		10/23/2024	1855
7440-39-3	Barium	88	*	10/23/2024	1855
7440-41-7	Beryllium	0.62		10/23/2024	1855
7440-43-9	Cadmium	0.53		10/23/2024	1855
7440-47-3	Chromium	77		10/23/2024	1855
7440-48-4	Cobalt	38		10/23/2024	1855
7440-50-8	Copper	130		10/23/2024	1855
7439-92-1	Lead	20	*	10/23/2024	1855
7440-02-0	Nickel	54		10/23/2024	1855
7782-49-2	Selenium	0.72	J	10/23/2024	1855
7440-22-4	Silver	0.17	J	10/23/2024	1855
7440-28-0	Thallium	0.077	J	10/23/2024	1855
7440-62-2	Vanadium	260		10/23/2024	1855
7440-66-6	Zinc	110		10/23/2024	1855

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

Comments:

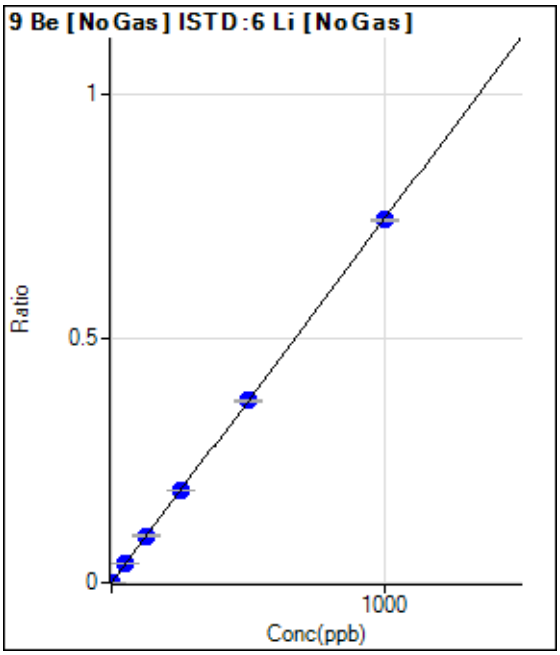
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102324-MS.b\
Analysis File: P7102324-MS.batch.bin
DA Date-Time: 2024-10-23 09:43:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-23 04:10:01
2	005CALS.d	S02	2024-10-23 04:13:37
3	006CALS.d	S03	2024-10-23 04:17:03
4	007CALS.d	S04	2024-10-23 04:20:26
5	008CALS.d	S05	2024-10-23 04:23:47
6	009CALS.d	S06	2024-10-23 04:26:58
7	010CALS.d	S07	2024-10-23 04:30:02
8	011CALS.d	S08	2024-10-23 04:32:59

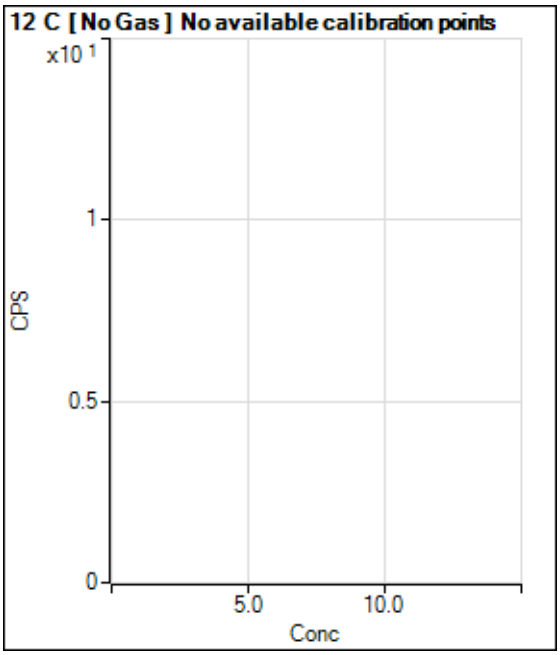
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0001	P	3.4
2	☐	1.000	0.963	376.68	0.0008	P	1.5
3	☐	50.000	51.688	17656.79	0.0386	P	3.4
4	☐	125.000	128.961	44228.21	0.0962	P	1.7
5	☐	250.000	254.093	88867.59	0.1894	P	1.1
6	☐	500.000	501.997	179952.64	0.3741	P	1.0
7	☐	1000.000	997.399	362265.60	0.7431	P	0.7
8	☐			273.34	0.0006	P	17.8

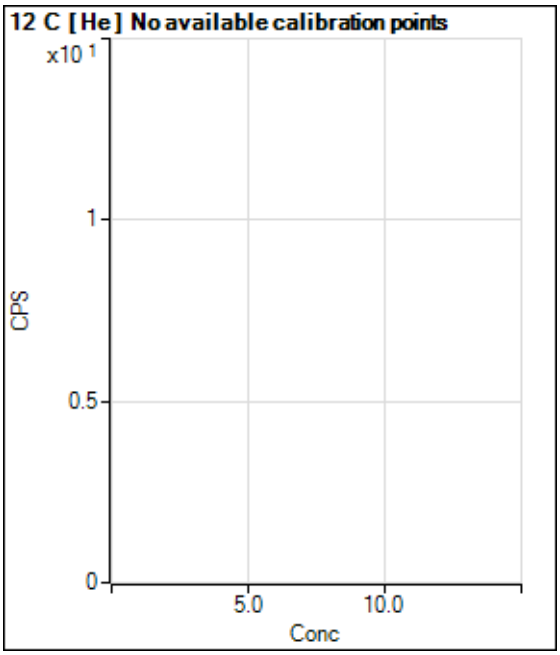
y = 7.4496E-004 * x + 1.2184E-004
R = 1.0000
DL = 0.0166
BEC = 0.1636

Weight: <None>
Min Conc: 0

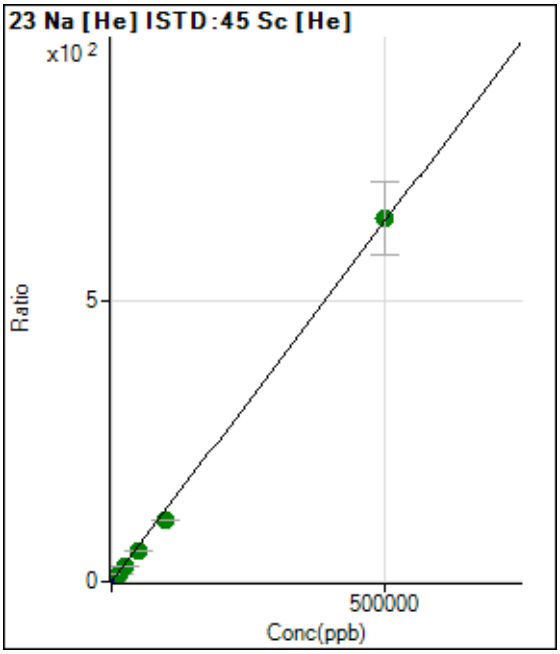


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



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

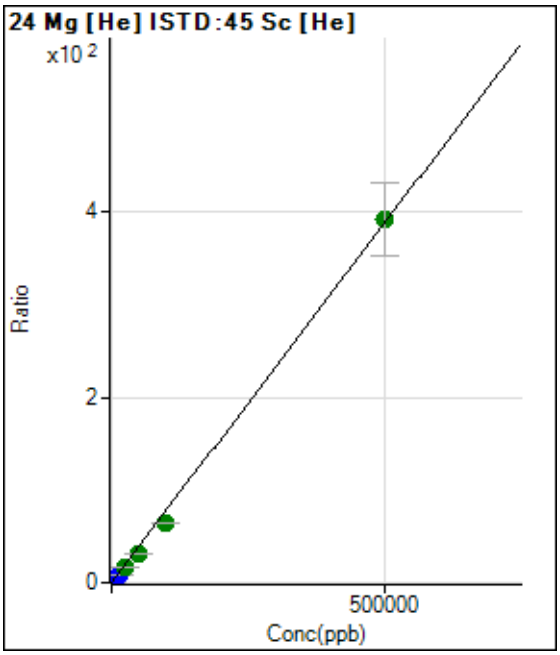


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3472.65	0.0397	P	5.9
2	☐	500.000	410.131	51444.40	0.5636	P	0.8
3	☐	5000.000	4416.042	520898.28	5.6814	P	0.6
4	☐	12500.000	10410.498	1234577.39	13.3397	A	0.4
5	☐	25000.000	21026.664	2517111.80	26.9024	A	1.2
6	☐	50000.000	41857.891	5097874.33	53.5155	A	0.1
7	☐	100000.00	84402.749	10390115.75	107.8689	A	0.2
8	☐	500000.00	504190.49	49797755.92	644.1712	A	20.0

y = 0.0013 * x + 0.0397
R = 0.9994
DL = 5.535
BEC = 31.06

Weight: <None>
Min Conc: 0

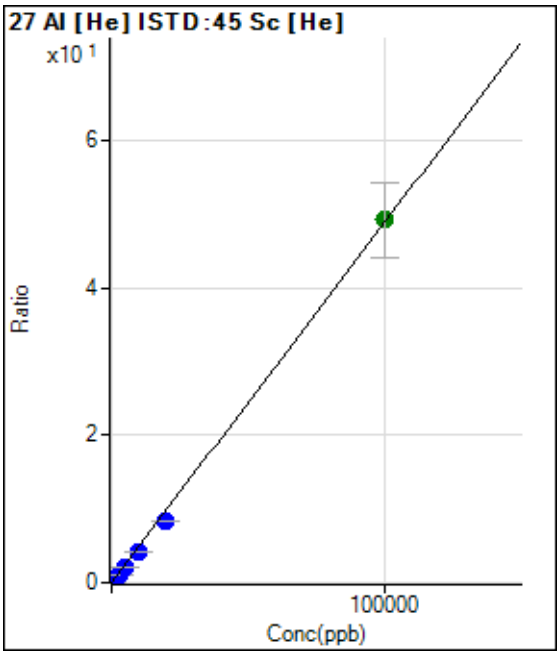
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1377.85	0.0157	P	1.0
2	☐	500.000	433.982	32191.49	0.3527	P	0.8
3	☐	5000.000	4297.816	307417.31	3.3530	P	0.7
4	☐	12500.000	10747.046	773785.45	8.3609	P	0.7
5	☐	25000.000	20909.666	1520655.91	16.2522	A	0.5
6	☐	50000.000	41059.472	3038691.62	31.8987	A	0.4
7	☐	100000.00	83081.206	6215615.95	64.5289	A	0.4
8	☐	500000.00	504533.24	30277169.83	391.7894	A	20.3

y = 7.7651E-004 * x + 0.0157
R = 0.9993
DL = 0.6201
BEC = 20.21

Weight: <None>
Min Conc: 0

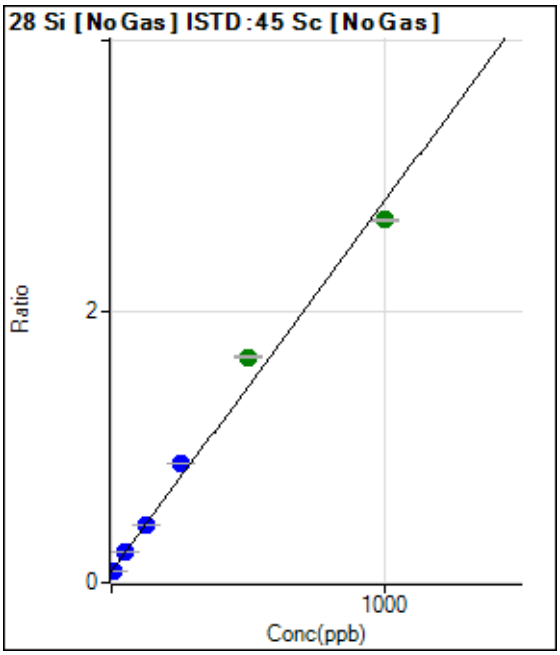


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0008	P	15.5
2	☐	20.000	15.642	774.47	0.0085	P	6.9
3	☐	1000.000	1056.914	47458.53	0.5176	P	1.4
4	☐	2500.000	2163.921	97998.90	1.0589	P	0.7
5	☐	5000.000	4326.472	198007.03	2.1163	P	0.9
6	☐	10000.000	8556.822	398636.69	4.1847	P	0.5
7	☐	20000.000	17216.897	810941.23	8.4191	P	0.3
8	☐	100000.00	100742.44	3805681.68	49.2594	A	20.5

y = 4.8896E-004 * x + 8.3892E-004
R = 0.9995
DL = 0.7993
BEC = 1.716

Weight: <None>
Min Conc: 0

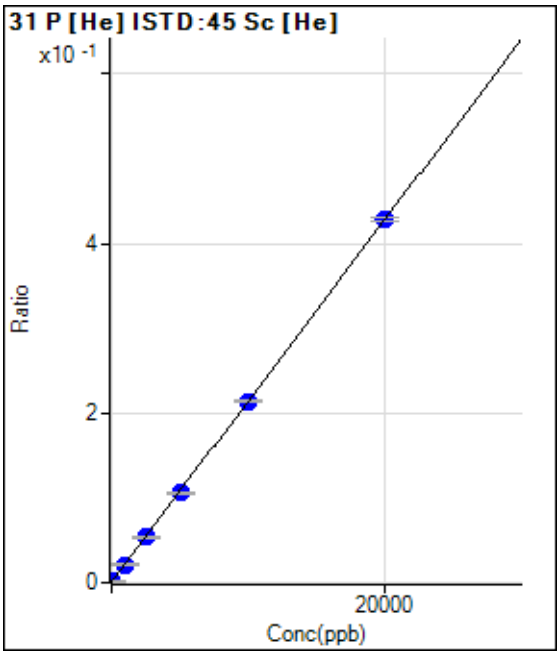
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101305.97	0.0848	P	0.5
2	☐	10.000	0.961	104331.89	0.0874	P	0.8
3	☐	50.000	51.078	268655.95	0.2242	P	0.8
4	☐	125.000	125.784	515902.97	0.4281	P	1.1
5	☐	250.000	291.139	1065889.74	0.8795	P	0.5
6	☐	500.000	579.312	2053141.29	1.6662	A	1.0
7	☐	1000.000	949.997	3319161.30	2.6780	A	0.7
8	☐			123273.86	0.1009	P	2.2

y = 0.0027 * x + 0.0848
R = 0.9937
DL = 0.5111
BEC = 31.06

Weight: <None>
Min Conc: 0

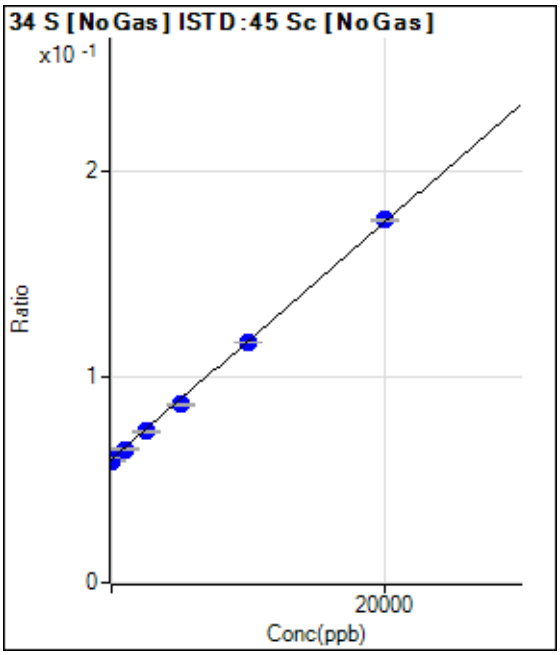


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.257	46.67	0.0005	P	38.8
2	☐	0.000	14.257	104.45	0.0011	P	12.3
3	☐	1000.000	958.058	1951.26	0.0213	P	4.1
4	☐	2500.000	2472.985	4960.84	0.0536	P	2.8
5	☐	5000.000	4936.797	9932.19	0.1062	P	2.4
6	☐	10000.000	10002.624	20408.13	0.2142	P	1.0
7	☐	20000.000	20019.962	41219.77	0.4280	P	1.2
8	☐			73.34	0.0009	P	37.2

y = 2.1334E-005 * x + 8.3957E-004
R = 1.0000
DL = 24.52
BEC = 39.35

Weight: <None>
Min Conc: 0

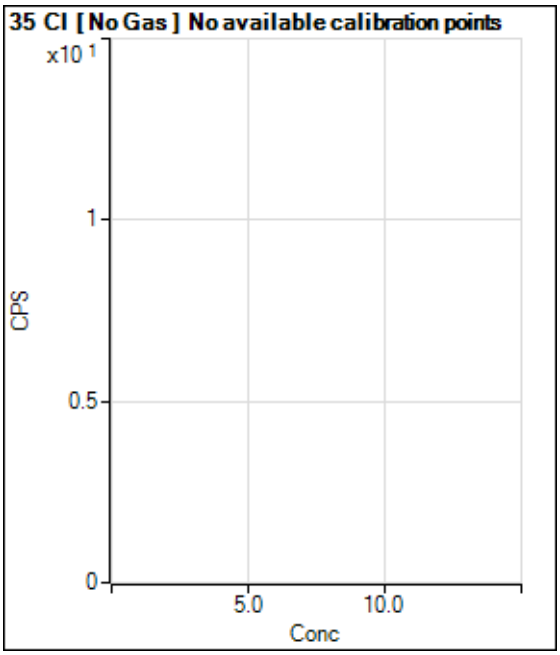
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-136.357	71053.06	0.0595	P	1.1
2	☐	0.000	136.357	72854.69	0.0610	P	0.9
3	☐	1000.000	819.426	77845.82	0.0650	P	1.1
4	☐	2500.000	2318.753	88697.56	0.0736	P	0.9
5	☐	5000.000	4586.170	105036.59	0.0867	P	0.3
6	☐	10000.000	9845.661	144144.30	0.1170	P	0.1
7	☐	20000.000	20212.312	219003.54	0.1767	P	0.4
8	☐			74034.79	0.0606	P	1.2

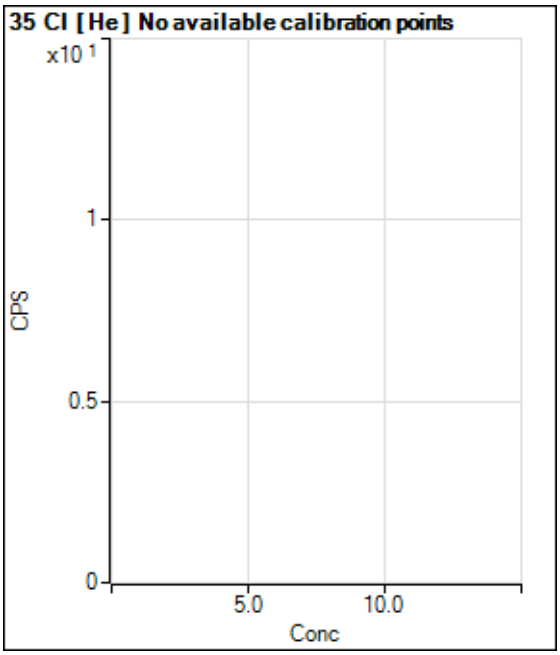
y = 5.7616E-006 * x + 0.0602
R = 0.9997
DL = 323.8
BEC = 1.046E+04

Weight: <None>
Min Conc: 0

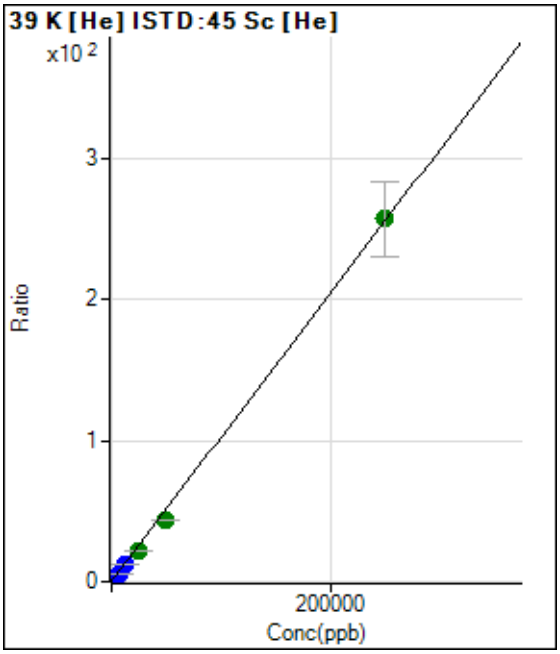


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



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

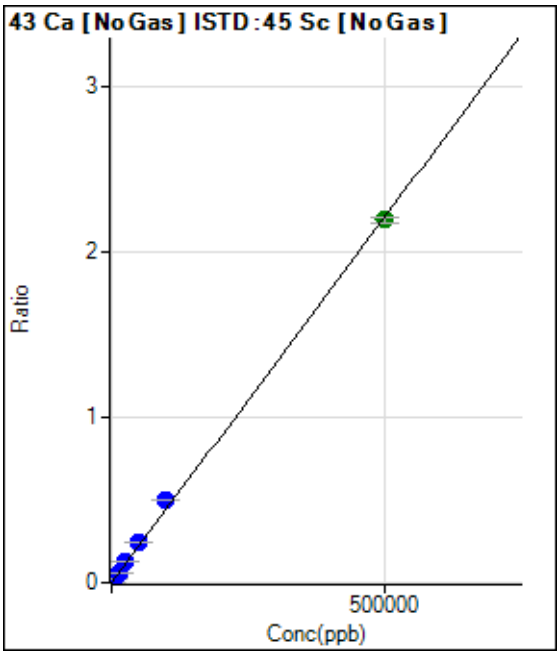


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24243.87	0.2771	P	7.0
2	☐	500.000	418.401	64149.88	0.7028	P	0.4
3	☐	2500.000	2261.744	236383.62	2.5783	P	1.2
4	☐	6250.000	5688.094	561246.86	6.0644	P	1.1
5	☐	12500.000	11409.730	1112081.96	11.8857	P	0.6
6	☐	25000.000	21021.369	2063763.27	21.6649	A	0.9
7	☐	50000.000	42230.783	4165232.68	43.2440	A	1.4
8	☐	250000.00	252022.81	19835011.09	256.6926	A	20.4

y = 0.0010 * x + 0.2771
R = 0.9994
DL = 57.07
BEC = 272.4

Weight: <None>
Min Conc: 0

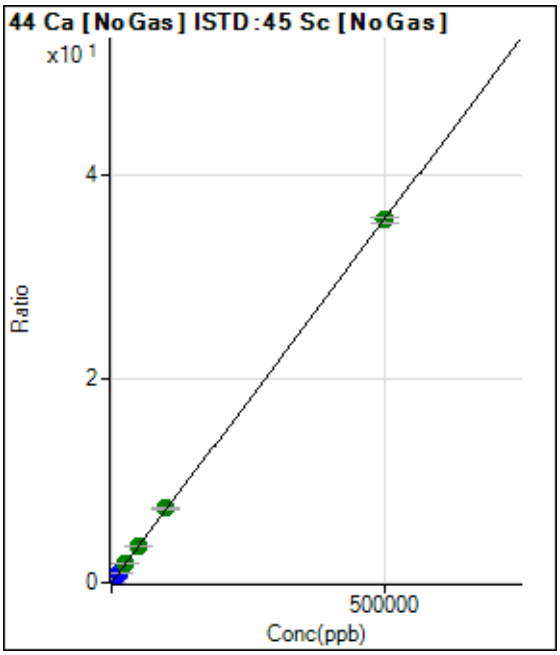
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.56	0.0001	P	7.8
2	☐	500.000	509.648	2865.85	0.0024	P	4.3
3	☐	5000.000	5746.453	30627.60	0.0256	P	0.4
4	☐	12500.000	14178.340	75736.49	0.0629	P	1.0
5	☐	25000.000	28292.043	151804.39	0.1253	P	1.4
6	☐	50000.000	56366.412	307372.29	0.2494	P	0.6
7	☐	100000.00	112604.44	617419.27	0.4982	P	0.8
8	☐	500000.00	496628.43	2684386.28	2.1966	A	1.6

y = 4.4226E-006 * x + 1.4692E-004
R = 0.9996
DL = 7.818
BEC = 33.22

Weight: <None>
Min Conc: 0

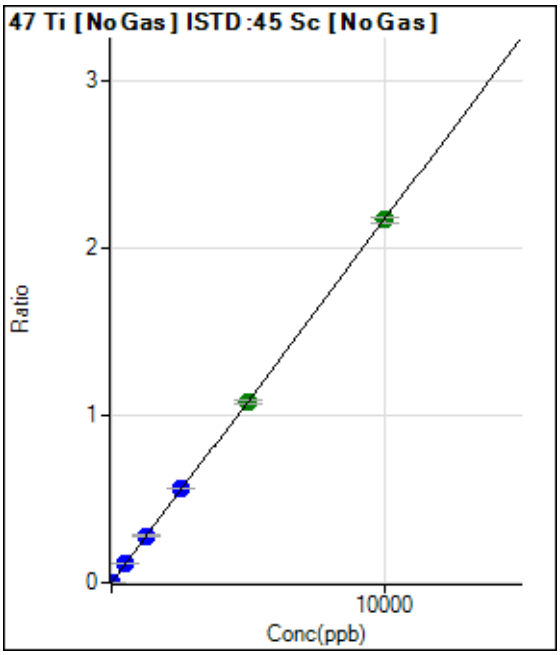


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5714.47	0.0048	P	0.3
2	☐	500.000	506.887	48763.63	0.0409	P	0.7
3	☐	5000.000	5528.003	477070.82	0.3982	P	0.2
4	☐	12500.000	13740.050	1183925.36	0.9825	P	0.7
5	☐	25000.000	25569.033	2210746.25	1.8243	A	0.4
6	☐	50000.000	50959.651	4474565.42	3.6311	A	0.9
7	☐	100000.00	102061.72	9007589.03	7.2675	A	1.0
8	☐	500000.00	499426.95	43437113.80	35.5441	A	1.5

y = 7.1160E-005 * x + 0.0048
R = 1.0000
DL = 0.6562
BEC = 67.21

Weight: <None>
Min Conc: 0

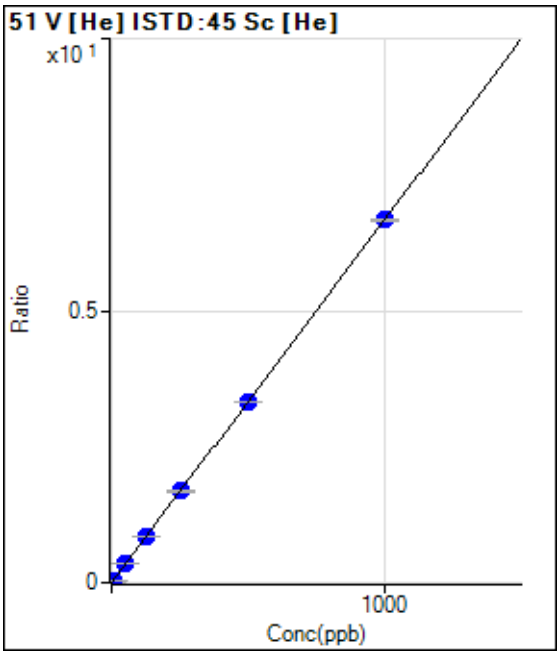
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0000	P	20.4
2	☐	5.000	4.422	1187.84	0.0010	P	4.8
3	☐	500.000	518.952	134892.38	0.1126	P	0.6
4	☐	1250.000	1296.365	338806.10	0.2812	P	0.8
5	☐	2500.000	2585.237	679481.80	0.5607	P	0.5
6	☐	5000.000	4968.235	1327800.60	1.0775	A	1.5
7	☐	10000.000	9987.830	2684618.68	2.1660	A	1.4
8	☐			501.13	0.0004	P	7.9

y = 2.1686E-004 * x + 3.6269E-005
R = 0.9999
DL = 0.1024
BEC = 0.1672

Weight: <None>
Min Conc: 0

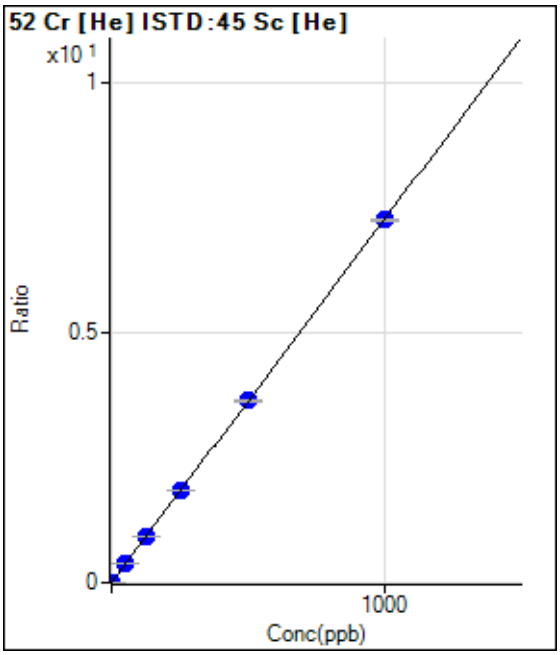


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0001	P	121.
2	☐	5.000	4.752	2898.08	0.0318	P	2.0
3	☐	50.000	50.606	30945.04	0.3375	P	0.8
4	☐	125.000	126.629	78152.93	0.8445	P	0.6
5	☐	250.000	252.225	157372.38	1.6820	P	0.7
6	☐	500.000	497.452	315997.44	3.3172	P	0.4
7	☐	1000.000	1000.485	642604.90	6.6716	P	0.6
8	☐			188.89	0.0025	P	24.3

y = 0.0067 * x + 6.2908E-005
R = 1.0000
DL = 0.03428
BEC = 0.009434

Weight: <None>
Min Conc: 0

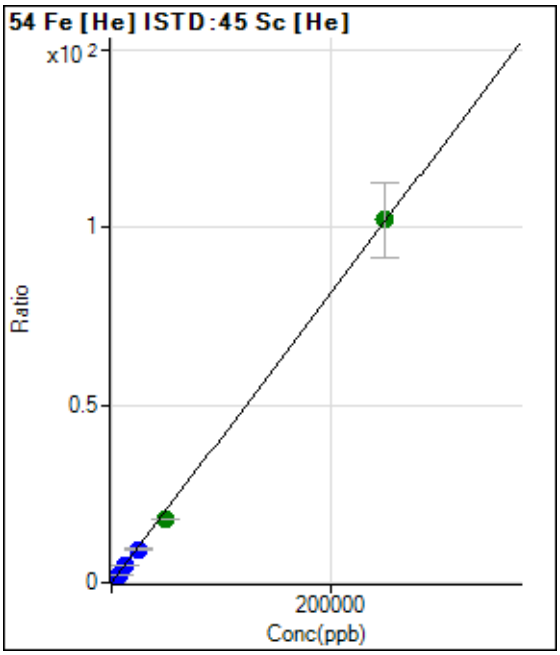
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0015	P	9.6
2	☐	2.000	1.910	1407.86	0.0154	P	0.3
3	☐	50.000	51.666	34556.17	0.3769	P	1.2
4	☐	125.000	126.493	85195.27	0.9206	P	0.6
5	☐	250.000	254.074	172854.29	1.8475	P	0.9
6	☐	500.000	500.820	346754.96	3.6401	P	0.5
7	☐	1000.000	998.302	698743.14	7.2544	P	0.9
8	☐			2241.31	0.0289	P	16.6

y = 0.0073 * x + 0.0015
R = 1.0000
DL = 0.06148
BEC = 0.2132

Weight: <None>
Min Conc: 0

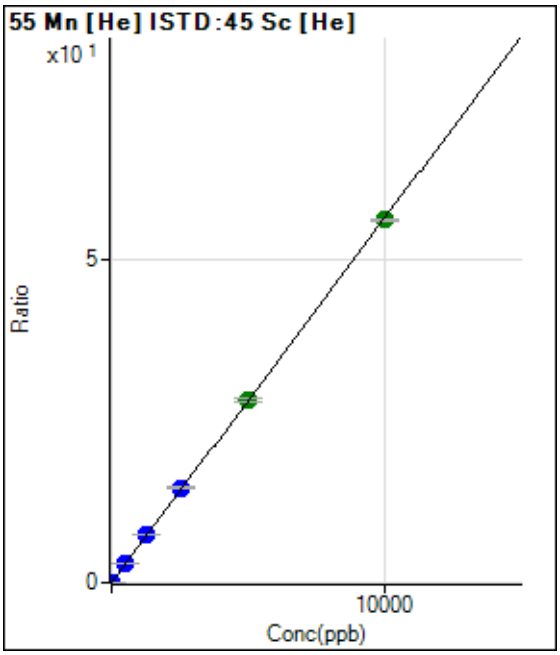


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	805.59	0.0092	P	8.4
2	☐	50.000	43.597	2458.00	0.0269	P	2.0
3	☐	2500.000	2394.813	90101.54	0.9828	P	1.3
4	☐	6250.000	5924.744	223762.72	2.4178	P	0.5
5	☐	12500.000	11829.736	450803.45	4.8183	P	1.5
6	☐	25000.000	23233.455	900603.56	9.4542	P	0.6
7	☐	50000.000	44139.741	1729214.96	17.9532	A	1.3
8	☐	250000.00	251391.40	7895754.74	102.2066	A	20.6

y = 4.0653E-004 * x + 0.0092
R = 0.9997
DL = 5.701
BEC = 22.65

Weight: <None>
Min Conc: 0

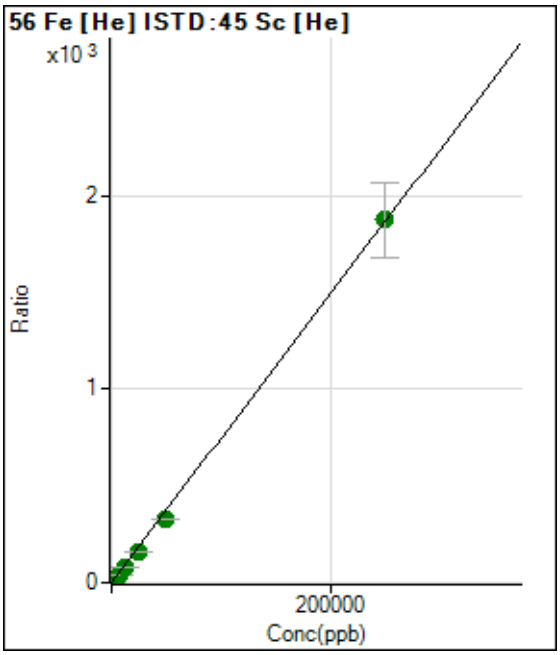
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	448.90	0.0051	P	13.0
2	☐	1.000	1.131	1052.27	0.0115	P	7.3
3	☐	500.000	522.980	271223.77	2.9582	P	0.8
4	☐	1250.000	1299.849	679765.08	7.3450	P	0.6
5	☐	2500.000	2599.985	1374105.52	14.6865	P	1.0
6	☐	5000.000	5017.297	2699219.72	28.3363	A	1.8
7	☐	10000.000	9958.975	5417089.36	56.2404	A	0.6
8	☐			3269.28	0.0423	P	20.3

y = 0.0056 * x + 0.0051
R = 0.9999
DL = 0.3554
BEC = 0.9097

Weight: <None>
Min Conc: 0

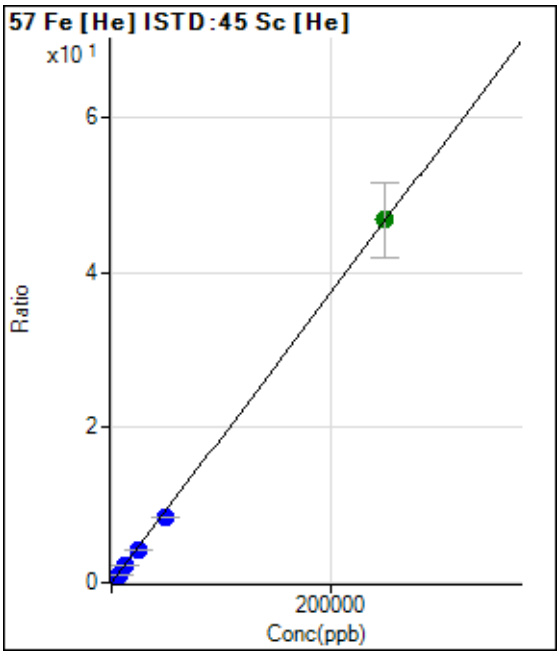


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9071.74	0.1038	P	8.7
2	☐	50.000	44.128	39437.20	0.4321	P	1.1
3	☐	2500.000	2248.625	1543394.80	16.8336	A	0.5
4	☐	6250.000	5522.022	3811873.87	41.1879	A	0.3
5	☐	12500.000	11028.243	7686673.57	82.1544	A	0.9
6	☐	25000.000	21697.440	15387510.33	161.5337	A	0.8
7	☐	50000.000	43542.531	31213817.59	324.0621	A	0.5
8	☐	250000.00	251716.05	144718121.1	1,872.882	A	20.4

y = 0.0074 * x + 0.1038
R = 0.9996
DL = 3.631
BEC = 13.95

Weight: <None>
Min Conc: 0

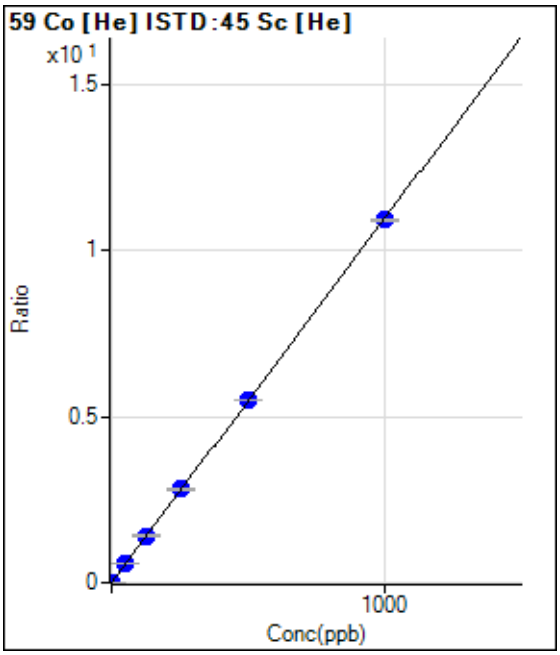
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	717.80	0.0082	P	11.3
2	☐	50.000	42.518	1472.31	0.0161	P	9.5
3	☐	2500.000	2355.459	40991.19	0.4471	P	0.6
4	☐	6250.000	5866.529	101923.39	1.1013	P	0.5
5	☐	12500.000	11652.304	203902.95	2.1793	P	1.0
6	☐	25000.000	22900.501	407243.15	4.2751	P	0.7
7	☐	50000.000	45571.831	818667.79	8.4993	P	0.4
8	☐	250000.00	251149.00	3613906.82	46.8033	A	21.0

y = 1.8632E-004 * x + 0.0082
R = 0.9998
DL = 14.96
BEC = 44.06

Weight: <None>
Min Conc: 0

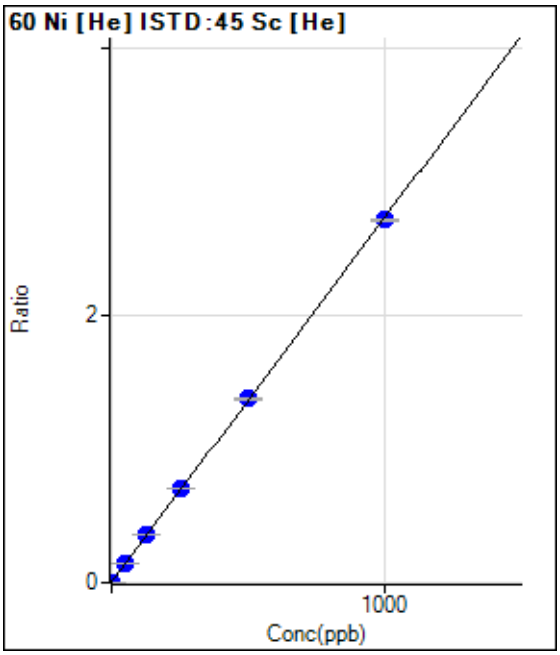


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0009	P	9.6
2	☐	1.000	1.062	1148.94	0.0126	P	4.6
3	☐	50.000	52.242	52582.78	0.5735	P	0.7
4	☐	125.000	129.274	131212.63	1.4178	P	0.9
5	☐	250.000	256.779	263405.89	2.8152	P	0.8
6	☐	500.000	501.550	523728.00	5.4979	P	0.6
7	☐	1000.000	996.884	1052477.93	10.9268	P	0.4
8	☐			2871.41	0.0373	P	23.4

y = 0.0110 * x + 9.4751E-004
R = 1.0000
DL = 0.02479
BEC = 0.08645

Weight: <None>
Min Conc: 0

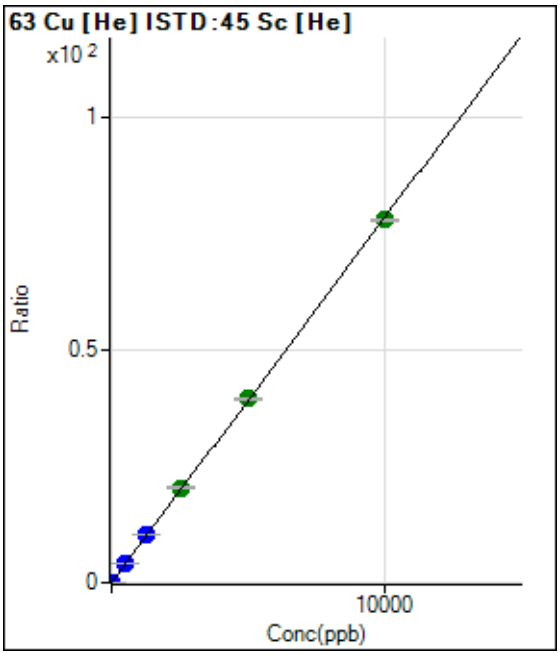
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	215.56	0.0025	P	16.5
2	☐	1.000	1.058	487.79	0.0053	P	7.3
3	☐	50.000	52.643	13367.17	0.1458	P	1.5
4	☐	125.000	131.224	33291.39	0.3597	P	1.2
5	☐	250.000	259.273	66276.63	0.7083	P	0.6
6	☐	500.000	504.134	130978.94	1.3750	P	1.2
7	☐	1000.000	994.705	261083.45	2.7106	P	0.7
8	☐			1243.40	0.0161	P	23.3

y = 0.0027 * x + 0.0025
R = 0.9999
DL = 0.4482
BEC = 0.9044

Weight: <None>
Min Conc: 0

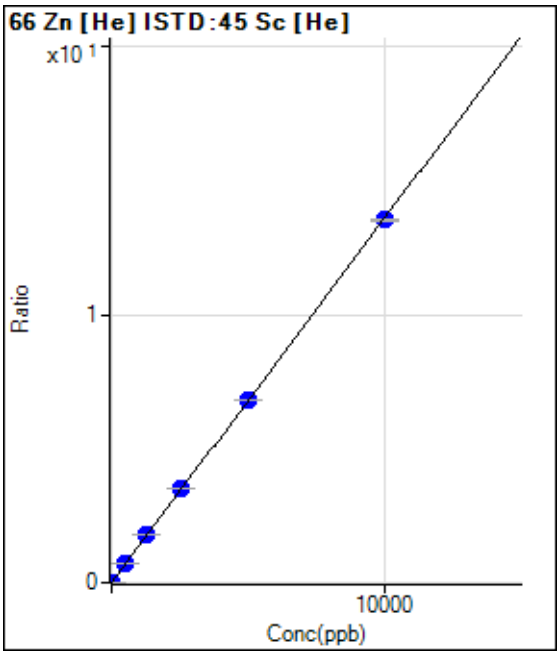


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	798.92	0.0091	P	4.0
2	☐	2.000	1.815	2127.95	0.0233	P	3.9
3	☐	500.000	527.373	379184.91	4.1358	P	0.7
4	☐	1250.000	1308.933	948753.53	10.2514	P	0.4
5	☐	2500.000	2604.883	1907923.76	20.3922	A	1.2
6	☐	5000.000	5036.350	3754947.44	39.4183	A	1.2
7	☐	10000.000	9946.869	7497808.50	77.8428	A	0.7
8	☐			2523.57	0.0327	P	21.8

y = 0.0078 * x + 0.0091
R = 0.9999
DL = 0.1396
BEC = 1.165

Weight: <None>
Min Conc: 0

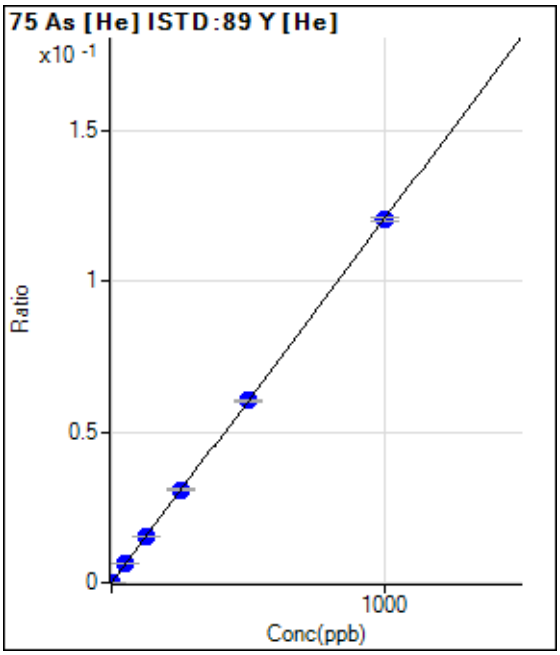
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	226.67	0.0026	P	7.8
2	☐	2.000	6.077	990.04	0.0108	P	8.8
3	☐	500.000	528.861	66130.90	0.7213	P	0.8
4	☐	1250.000	1306.493	164557.14	1.7781	P	1.1
5	☐	2500.000	2591.806	329784.49	3.5248	P	1.3
6	☐	5000.000	5022.448	650423.84	6.8279	P	0.5
7	☐	10000.000	9957.319	1303634.49	13.5343	P	0.4
8	☐			1096.72	0.0142	P	20.4

y = 0.0014 * x + 0.0026
R = 0.9999
DL = 0.4459
BEC = 1.904

Weight: <None>
Min Conc: 0

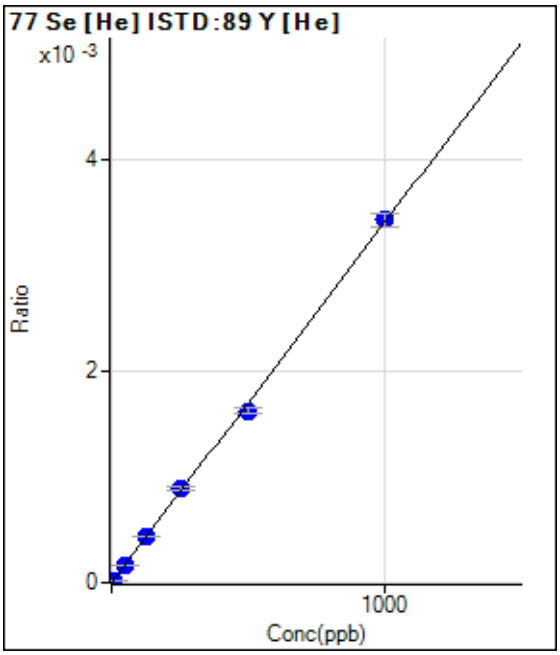


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	37.5
2	☐	1.000	0.920	92.22	0.0001	P	1.4
3	☐	50.000	51.081	4830.84	0.0062	P	1.9
4	☐	125.000	128.177	12344.11	0.0155	P	0.5
5	☐	250.000	254.600	24894.26	0.0307	P	2.1
6	☐	500.000	501.749	49412.98	0.0605	P	1.2
7	☐	1000.000	997.524	99380.56	0.1202	P	1.0
8	☐			71.11	0.0001	P	44.1

y = 1.2052E-004 * x + 7.3353E-006
R = 1.0000
DL = 0.06842
BEC = 0.06087

Weight: <None>
Min Conc: 0

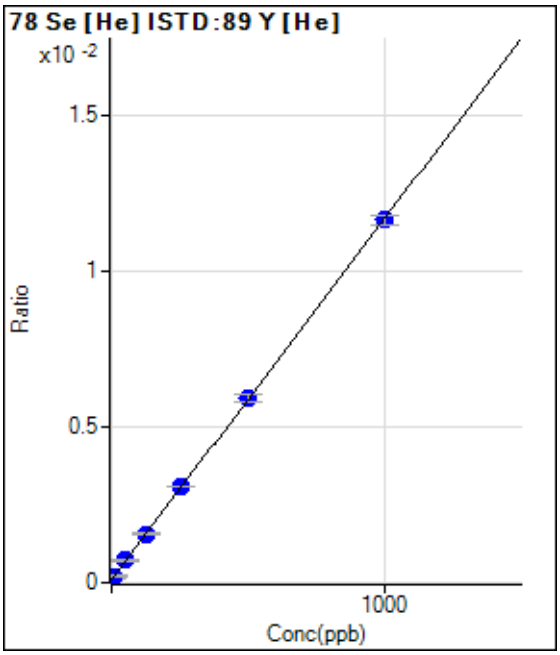
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.459	14.45	0.0000	P	75.0
3	☐	50.000	47.486	126.67	0.0002	P	2.5
4	☐	125.000	127.528	346.67	0.0004	P	3.0
5	☐	250.000	261.237	721.14	0.0009	P	2.9
6	☐	500.000	477.962	1328.96	0.0016	P	3.2
7	☐	1000.000	1008.017	2835.85	0.0034	P	3.6
8	☐			0.00	0.0000	P	

y = 3.4031E-006 * x + 0.0000E+000
R = 0.9996
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

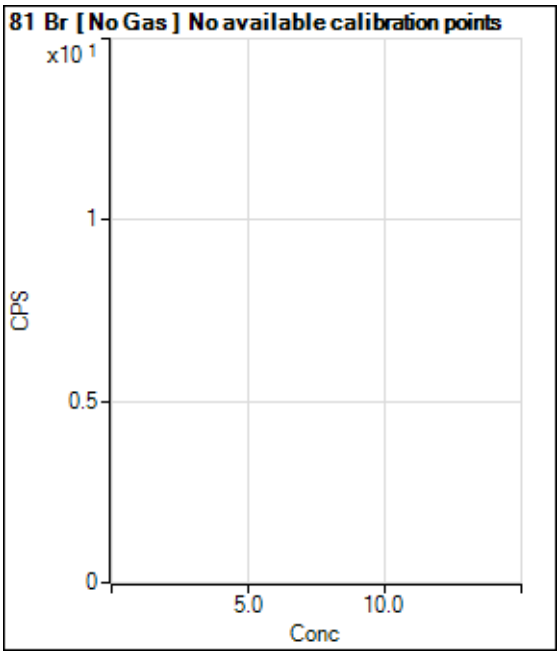


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0001	P	28.3
2	☐	5.000	7.822	156.67	0.0002	P	23.8
3	☐	50.000	52.240	561.13	0.0007	P	7.0
4	☐	125.000	125.751	1252.29	0.0016	P	4.2
5	☐	250.000	257.167	2506.91	0.0031	P	0.6
6	☐	500.000	501.468	4838.62	0.0059	P	4.1
7	☐	1000.000	997.254	9645.44	0.0117	P	2.5
8	☐			102.22	0.0002	P	21.9

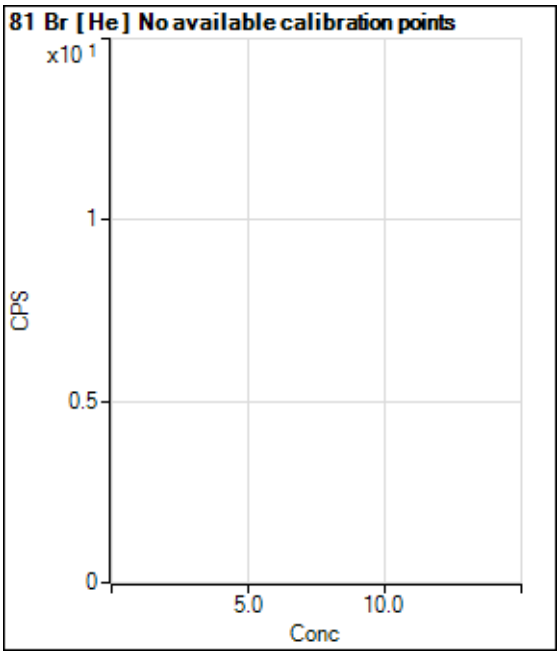
y = 1.1589E-005 * x + 1.1030E-004
R = 1.0000
DL = 8.078
BEC = 9.517

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

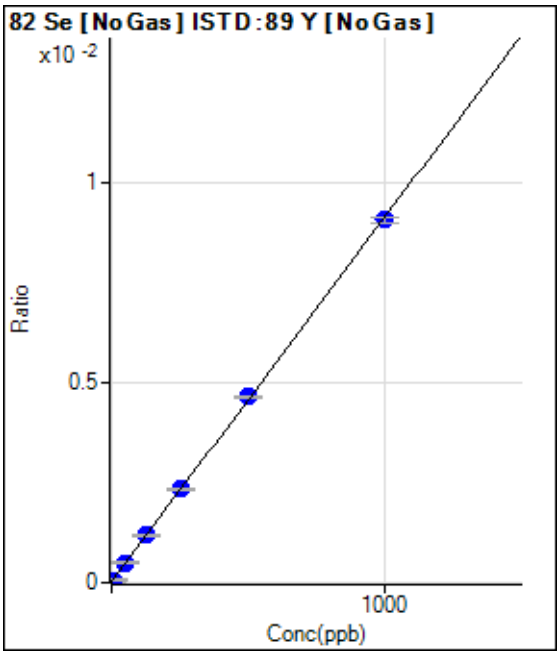


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4151.74		P	3.9
2	☐			4346.23		P	2.0
3	☐			3940.56		P	2.0
4	☐			3941.67		P	2.3
5	☐			3896.10		P	1.7
6	☐			3963.90		P	1.7
7	☐			4294.01		P	2.1
8	☐			4350.68		P	3.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			20.00		P	0.0
2	☐			16.67		P	72.1
3	☐			13.33		P	66.2
4	☐			16.67		P	60.0
5	☐			20.00		P	28.9
6	☐			15.56		P	49.5
7	☐			14.44		P	13.4
8	☐			26.67		P	45.1

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.49	0.0000	P	31.9
2	☐	5.000	5.176	227.29	0.0001	P	8.2
3	☐	50.000	52.433	1615.82	0.0005	P	2.6
4	☐	125.000	127.654	3948.21	0.0012	P	1.5
5	☐	250.000	255.239	7871.28	0.0023	P	1.5
6	☐	500.000	509.282	15688.05	0.0047	P	0.9
7	☐	1000.000	993.595	30961.53	0.0091	P	1.9
8	☐			132.92	0.0000	P	5.6

y = 9.1067E-006 * x + 2.2634E-005

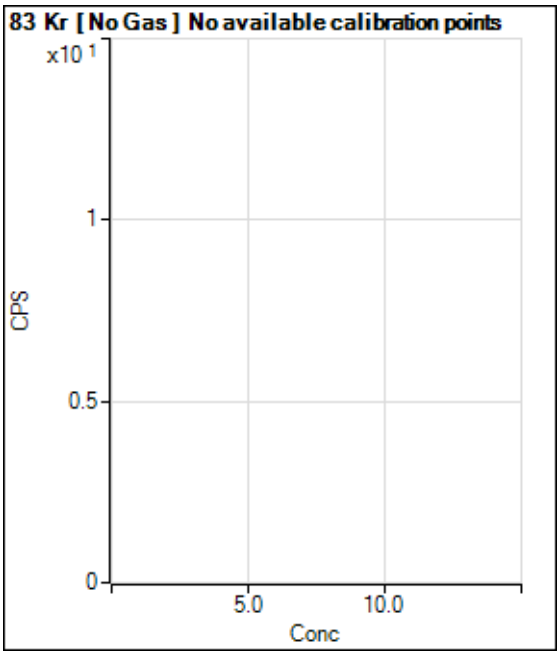
R = 0.9999

DL = 2.381

BEC = 2.485

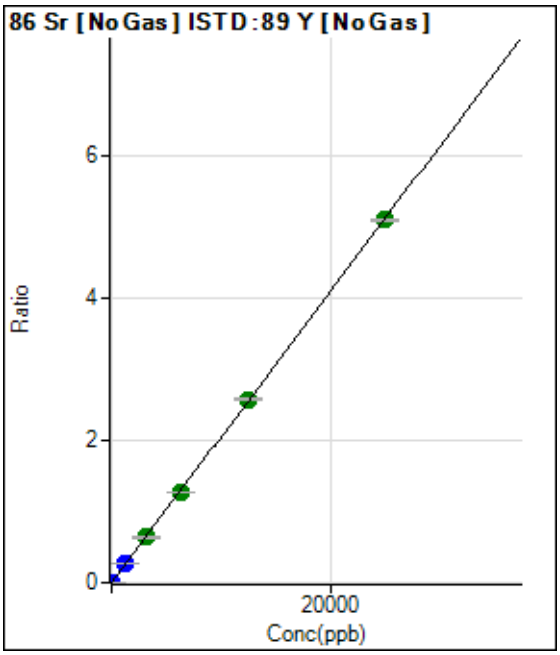
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			66.67		P	15.0
2	☐			56.67		P	15.6
3	☐			48.89		P	14.2
4	☐			62.22		P	20.3
5	☐			66.67		P	21.8
6	☐			68.89		P	19.5
7	☐			84.44		P	14.9
8	☐			77.78		P	10.8

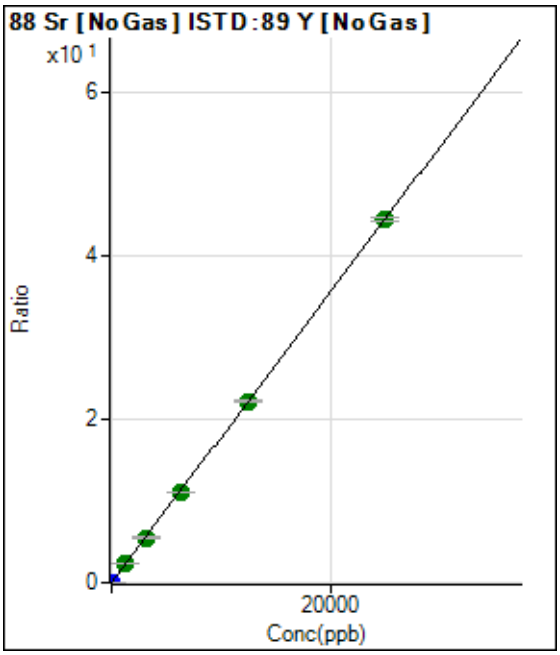
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.22	0.0000	P	11.7
2	☐	1.000	0.942	746.69	0.0002	P	4.5
3	☐	1250.000	1266.475	834658.18	0.2584	P	1.1
4	☐	3125.000	3115.885	2117431.62	0.6356	A	0.7
5	☐	6250.000	6241.101	4269164.76	1.2730	A	0.4
6	☐	12500.000	12592.037	8645158.27	2.5684	A	0.9
7	☐	25000.000	24956.522	17374180.44	5.0903	A	0.7
8	☐			3686.06	0.0011	P	10.6

y = 2.0396E-004 * x + 3.7211E-005
R = 1.0000
DL = 0.06414
BEC = 0.1824

Weight: <None>
Min Conc: 0

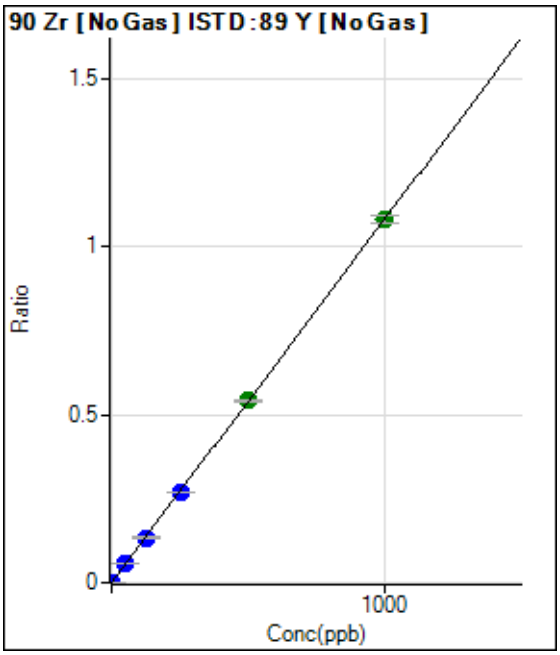


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0000	P	24.8
2	☐	1.000	0.988	5857.88	0.0018	P	0.7
3	☐	1250.000	1263.801	7259722.25	2.2471	A	0.3
4	☐	3125.000	3107.592	18408219.45	5.5253	A	0.6
5	☐	6250.000	6274.460	37413534.72	11.1560	A	0.5
6	☐	12500.000	12482.764	74709812.78	22.1944	A	0.9
7	☐	25000.000	25003.989	151738614.4	44.4572	A	1.1
8	☐			30745.55	0.0094	P	5.1

y = 0.0018 * x + 4.1292E-005
R = 1.0000
DL = 0.0173
BEC = 0.02322

Weight: <None>
Min Conc: 0

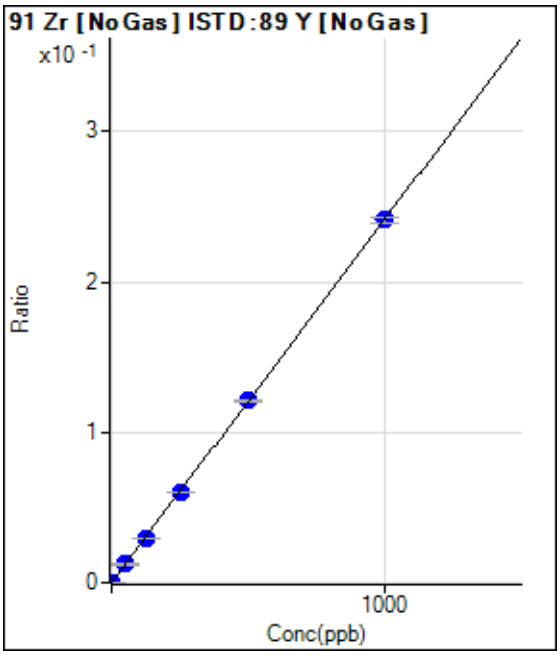
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.33	0.0000	P	3.8
2	☐	1.000	0.938	3431.54	0.0011	P	3.7
3	☐	50.000	50.583	176572.77	0.0547	P	1.0
4	☐	125.000	124.323	447321.62	0.1343	P	1.2
5	☐	250.000	250.187	906030.14	0.2702	P	0.7
6	☐	500.000	501.983	1824509.61	0.5420	A	0.8
7	☐	1000.000	999.017	3681908.94	1.0787	A	2.1
8	☐			2430.23	0.0007	P	3.3

y = 0.0011 * x + 4.0566E-005
R = 1.0000
DL = 0.004271
BEC = 0.03757

Weight: <None>
Min Conc: 0

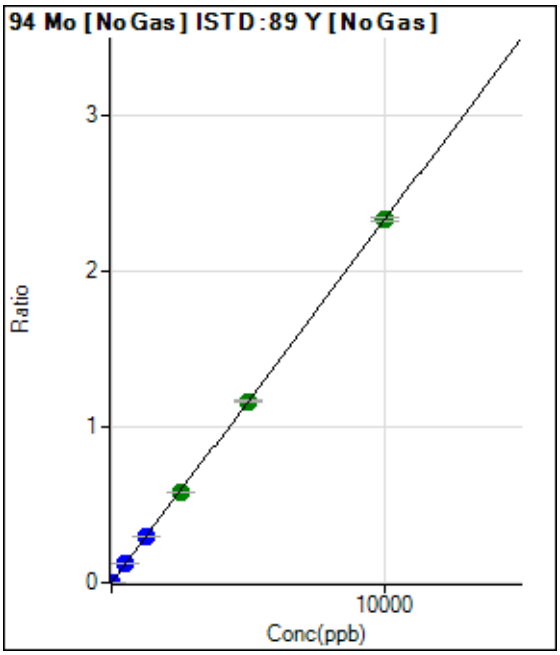


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	14.0
2	☐	1.000	0.996	805.59	0.0002	P	0.3
3	☐	50.000	50.320	39242.31	0.0121	P	1.1
4	☐	125.000	123.625	99381.08	0.0298	P	1.1
5	☐	250.000	249.870	202181.19	0.0603	P	1.2
6	☐	500.000	501.336	407129.93	0.1210	P	1.2
7	☐	1000.000	999.520	823038.54	0.2411	P	1.3
8	☐			563.35	0.0002	P	5.2

y = 2.4124E-004 * x + 7.0984E-006
R = 1.0000
DL = 0.01235
BEC = 0.02942

Weight: <None>
Min Conc: 0

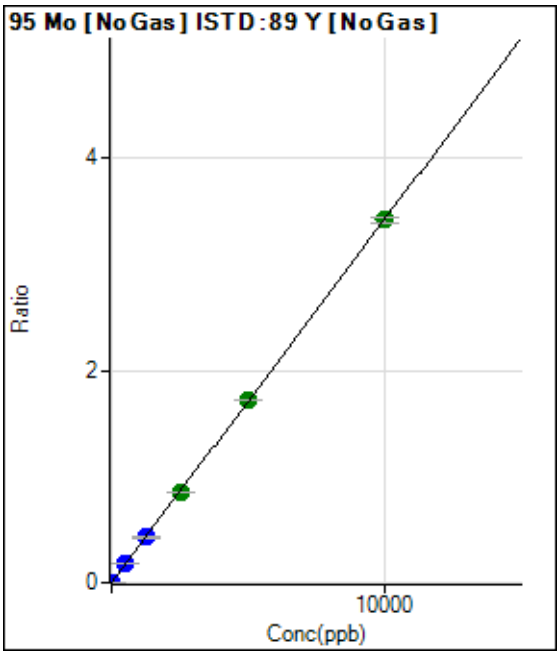
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.56	0.0000	P	22.6
2	☐	5.000	5.201	4013.93	0.0012	P	5.1
3	☐	500.000	513.293	386650.32	0.1197	P	0.4
4	☐	1250.000	1259.292	978112.01	0.2936	P	0.7
5	☐	2500.000	2484.015	1942120.65	0.5791	A	1.1
6	☐	5000.000	5003.916	3926585.78	1.1665	A	0.5
7	☐	10000.000	10000.212	7956872.52	2.3313	A	1.1
8	☐			2470.23	0.0008	P	1.5

y = 2.3312E-004 * x + 1.9935E-005
R = 1.0000
DL = 0.05794
BEC = 0.08551

Weight: <None>
Min Conc: 0

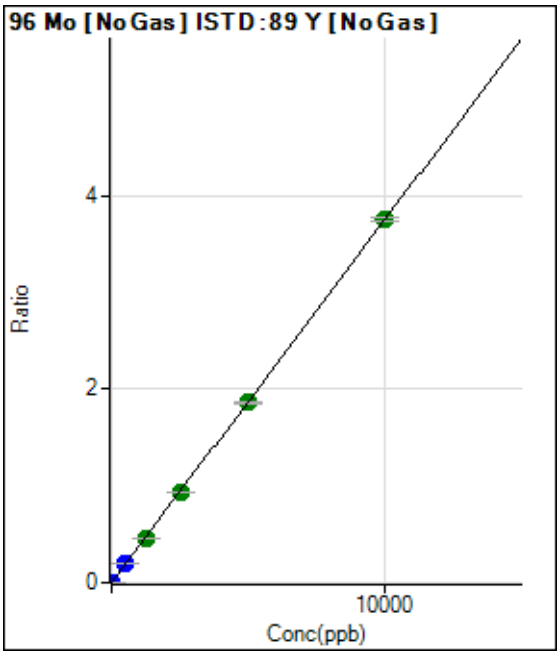


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.45	0.0000	P	28.7
2	☐	5.000	4.356	4883.08	0.0015	P	2.5
3	☐	500.000	512.216	566758.34	0.1754	P	0.4
4	☐	1250.000	1251.217	1427557.45	0.4285	P	1.5
5	☐	2500.000	2479.739	2848090.23	0.8492	A	0.7
6	☐	5000.000	5024.244	5791881.72	1.7207	A	0.6
7	☐	10000.000	9992.181	11679628.71	3.4221	A	1.8
8	☐			2452.45	0.0007	P	6.2

y = 3.4247E-004 * x + 7.4451E-006
R = 1.0000
DL = 0.01871
BEC = 0.02174

Weight: <None>
Min Conc: 0

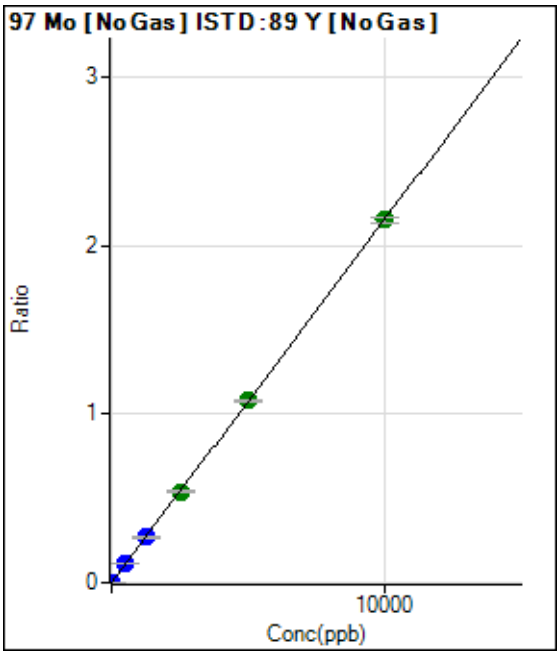
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	16.6
2	☐	5.000	4.504	5543.32	0.0017	P	2.2
3	☐	500.000	509.823	616535.28	0.1908	P	0.9
4	☐	1250.000	1228.317	1531729.94	0.4598	A	0.3
5	☐	2500.000	2493.913	3130452.24	0.9334	A	0.5
6	☐	5000.000	4984.607	6280046.22	1.8657	A	1.0
7	☐	10000.000	10011.438	12789915.23	3.7471	A	1.0
8	☐			4574.08	0.0014	P	0.3

y = 3.7428E-004 * x + 1.6230E-005
R = 1.0000
DL = 0.02154
BEC = 0.04336

Weight: <None>
Min Conc: 0

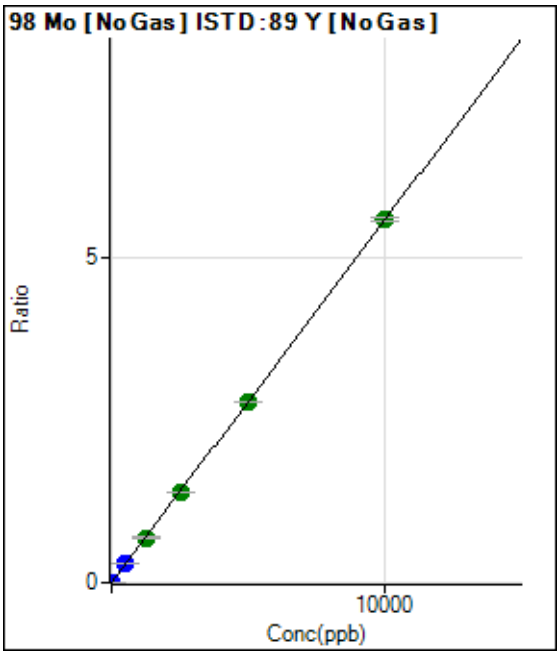


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0000	P	25.5
2	☐	5.000	4.414	3107.03	0.0010	P	1.7
3	☐	500.000	509.851	354471.79	0.1097	P	1.1
4	☐	1250.000	1250.100	896222.90	0.2690	P	1.6
5	☐	2500.000	2494.104	1799970.03	0.5367	A	1.9
6	☐	5000.000	5014.794	3632446.02	1.0791	A	0.9
7	☐	10000.000	9993.572	7339719.89	2.1505	A	1.7
8	☐			1413.42	0.0004	P	8.6

y = 2.1519E-004 * x + 4.0600E-006
R = 1.0000
DL = 0.01443
BEC = 0.01887

Weight: <None>
Min Conc: 0

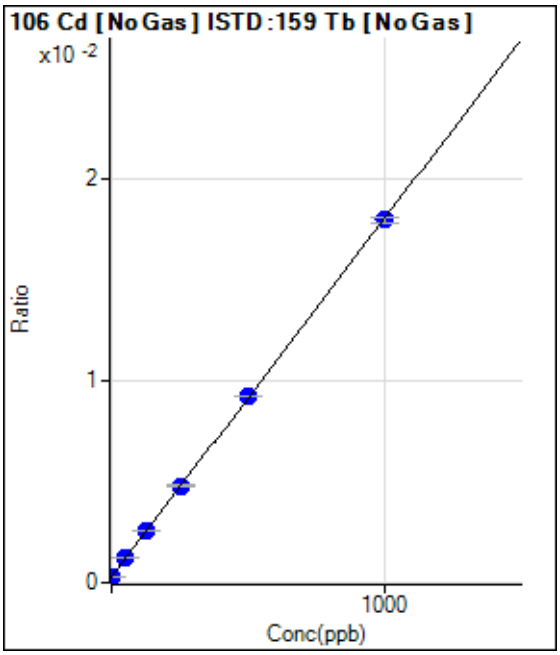
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0000	P	54.4
2	☐	5.000	4.417	8066.74	0.0025	P	2.2
3	☐	500.000	512.474	924397.67	0.2861	P	1.0
4	☐	1250.000	1235.766	2298514.01	0.6899	A	2.0
5	☐	2500.000	2481.195	4645694.55	1.3853	A	0.7
6	☐	5000.000	4979.914	9358757.43	2.7803	A	0.3
7	☐	10000.000	10015.900	19085817.22	5.5919	A	0.9
8	☐			3637.16	0.0011	P	9.6

y = 5.5830E-004 * x + 1.1142E-005
R = 1.0000
DL = 0.03256
BEC = 0.01996

Weight: <None>
Min Conc: 0

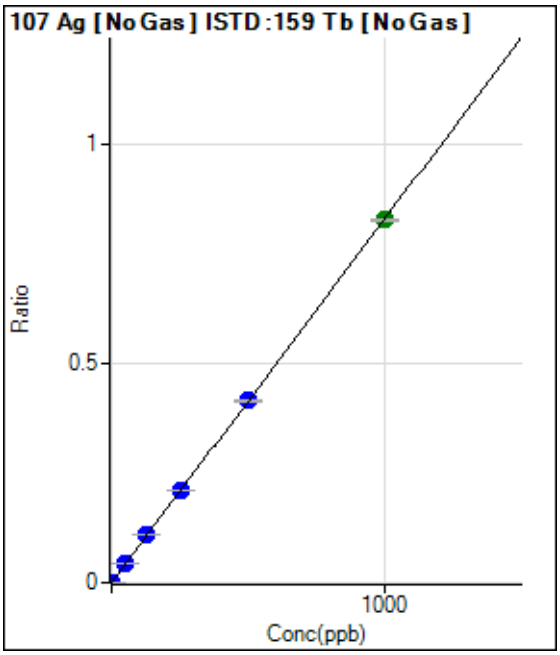


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	875.59	0.0003	P	6.9
2	☐	1.000	1.682	964.49	0.0003	P	8.6
3	☐	50.000	53.592	3717.18	0.0012	P	3.3
4	☐	125.000	130.335	7985.58	0.0026	P	0.4
5	☐	250.000	253.684	14987.79	0.0048	P	1.2
6	☐	500.000	503.663	29387.55	0.0092	P	0.7
7	☐	1000.000	996.401	58088.86	0.0180	P	1.7
8	☐			878.92	0.0003	P	4.5

y = 1.7762E-005 * x + 2.8826E-004
R = 1.0000
DL = 3.345
BEC = 16.23

Weight: <None>
Min Conc: 0

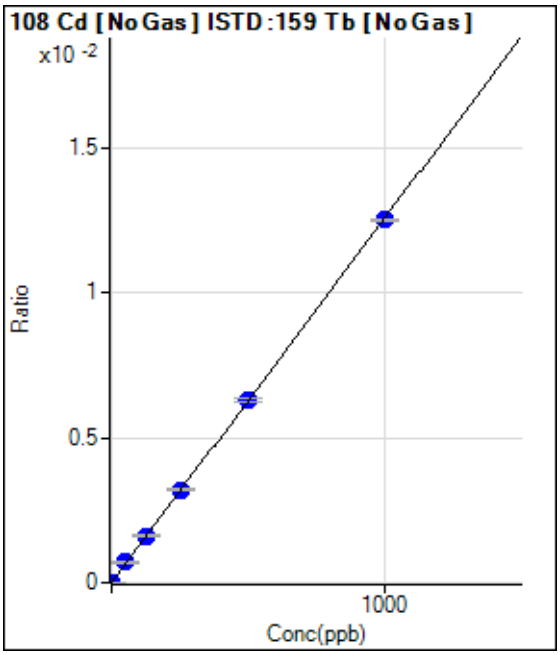
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	88.1
2	☐	1.000	0.938	2362.44	0.0008	P	4.4
3	☐	50.000	53.036	131561.82	0.0439	P	1.3
4	☐	125.000	129.968	329926.00	0.1076	P	0.4
5	☐	250.000	254.210	657710.09	0.2104	P	0.2
6	☐	500.000	500.011	1316718.05	0.4138	P	1.1
7	☐	1000.000	998.170	2667841.70	0.8260	A	0.3
8	☐			401.12	0.0001	P	16.9

y = 8.2752E-004 * x + 3.2948E-006
R = 1.0000
DL = 0.01052
BEC = 0.003982

Weight: <None>
Min Conc: 0

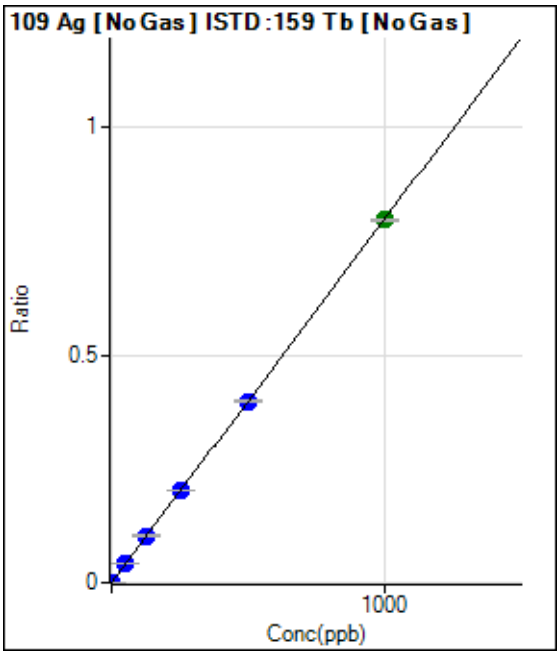


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	1.000	1.021	42.22	0.0000	P	24.2
3	☐	50.000	56.267	2122.40	0.0007	P	9.7
4	☐	125.000	128.877	4968.67	0.0016	P	5.5
5	☐	250.000	255.988	10055.78	0.0032	P	1.9
6	☐	500.000	502.732	20098.49	0.0063	P	1.9
7	☐	1000.000	996.339	40425.09	0.0125	P	0.6
8	☐			27.78	0.0000	P	17.5

y = 1.2561E-005 * x + 1.0998E-006
R = 1.0000
DL = 0.2634
BEC = 0.08756

Weight: <None>
Min Conc: 0

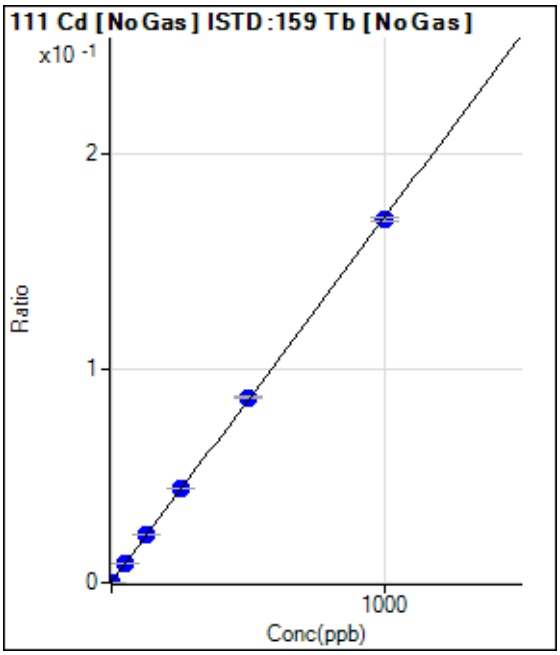
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	86.6
2	☐	1.000	0.923	2240.20	0.0007	P	4.1
3	☐	50.000	52.468	125553.15	0.0419	P	1.6
4	☐	125.000	129.623	317436.09	0.1035	P	0.6
5	☐	250.000	254.302	634712.15	0.2030	P	0.3
6	☐	500.000	499.603	1269192.79	0.3988	P	1.0
7	☐	1000.000	998.422	2574362.50	0.7971	A	0.4
8	☐			440.01	0.0001	P	9.2

y = 7.9832E-004 * x + 2.1973E-006
R = 1.0000
DL = 0.007151
BEC = 0.002752

Weight: <None>
Min Conc: 0

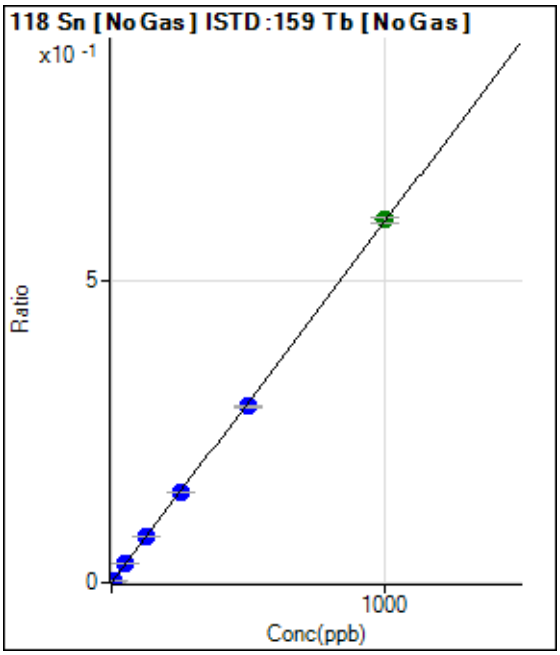


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	613.92	0.0002	P	6.2
2	☐	1.000	1.065	1162.27	0.0004	P	8.2
3	☐	50.000	53.495	27887.79	0.0093	P	1.3
4	☐	125.000	131.750	69384.89	0.0226	P	0.7
5	☐	250.000	256.191	136917.26	0.0438	P	0.6
6	☐	500.000	507.513	275440.10	0.0866	P	0.9
7	☐	1000.000	993.677	546729.45	0.1693	P	1.2
8	☐			734.70	0.0002	P	4.8

y = 1.7014E-004 * x + 2.0211E-004
R = 0.9999
DL = 0.2205
BEC = 1.188

Weight: <None>
Min Conc: 0

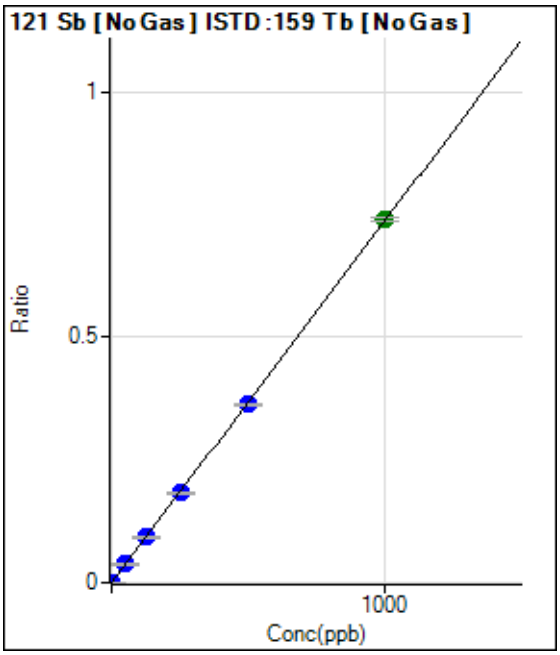
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	418.90	0.0001	P	8.5
2	☐	5.000	4.818	9129.62	0.0030	P	1.2
3	☐	50.000	50.762	91188.17	0.0304	P	1.0
4	☐	125.000	126.059	231127.02	0.0753	P	1.1
5	☐	250.000	248.662	464246.96	0.1485	P	0.7
6	☐	500.000	489.169	929148.02	0.2920	P	0.9
7	☐	1000.000	1005.580	1937917.92	0.6001	A	1.6
8	☐			1587.88	0.0005	P	2.8

y = 5.9660E-004 * x + 1.3790E-004
R = 0.9999
DL = 0.05862
BEC = 0.2311

Weight: <None>
Min Conc: 0

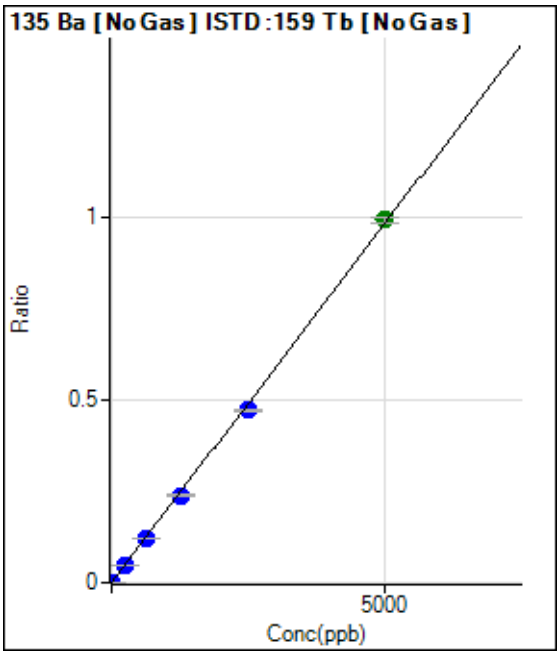


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.56	0.0000	P	18.1
2	☐	2.000	1.972	4442.95	0.0015	P	1.9
3	☐	50.000	50.540	111514.41	0.0372	P	0.6
4	☐	125.000	125.141	282513.88	0.0921	P	0.7
5	☐	250.000	247.549	569551.53	0.1822	P	0.8
6	☐	500.000	493.330	1155212.31	0.3630	P	1.2
7	☐	1000.000	1003.903	2385985.94	0.7387	A	1.2
8	☐			1925.70	0.0006	P	2.9

y = 7.3583E-004 * x + 1.4992E-005
R = 1.0000
DL = 0.01107
BEC = 0.02037

Weight: <None>
Min Conc: 0

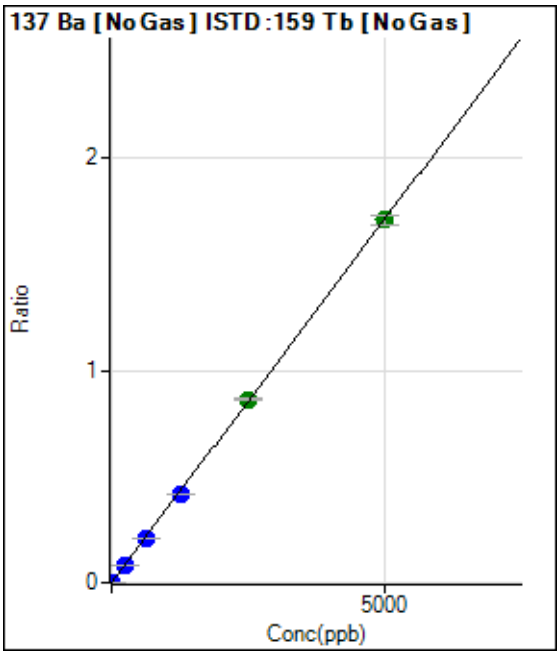
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0000	P	1.1
2	☐	10.000	9.238	5653.40	0.0019	P	2.2
3	☐	250.000	246.808	145600.56	0.0486	P	0.8
4	☐	625.000	612.328	369470.27	0.1204	P	0.4
5	☐	1250.000	1214.466	746728.80	0.2388	P	0.8
6	☐	2500.000	2406.080	1505673.02	0.4731	P	1.0
7	☐	5000.000	5057.589	3211766.17	0.9945	A	1.4
8	☐			1656.78	0.0005	P	5.2

y = 1.9662E-004 * x + 4.8651E-005
R = 0.9997
DL = 0.008485
BEC = 0.2474

Weight: <None>
Min Conc: 0

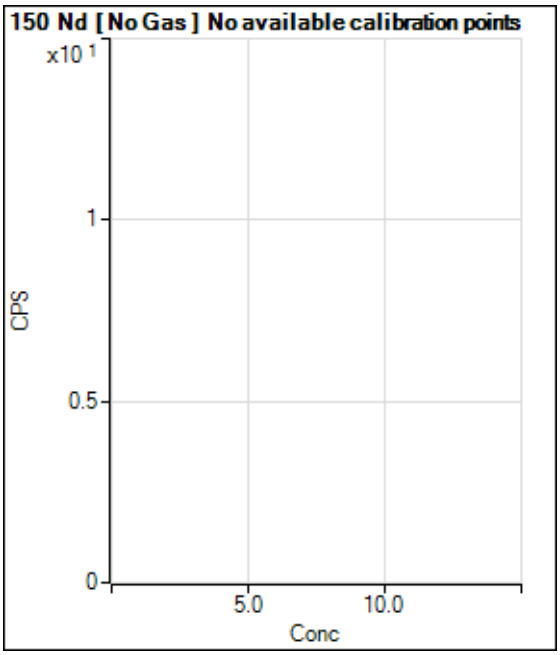


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	260.01	0.0001	P	10.6
2	☐	10.000	9.116	9703.39	0.0032	P	0.4
3	☐	250.000	248.041	254357.87	0.0849	P	1.1
4	☐	625.000	615.057	645093.93	0.2103	P	0.9
5	☐	1250.000	1222.459	1306478.83	0.4179	P	0.7
6	☐	2500.000	2525.084	2746510.27	0.8631	A	1.1
7	☐	5000.000	4995.686	5514774.50	1.7075	A	2.4
8	☐			2856.98	0.0009	P	4.3

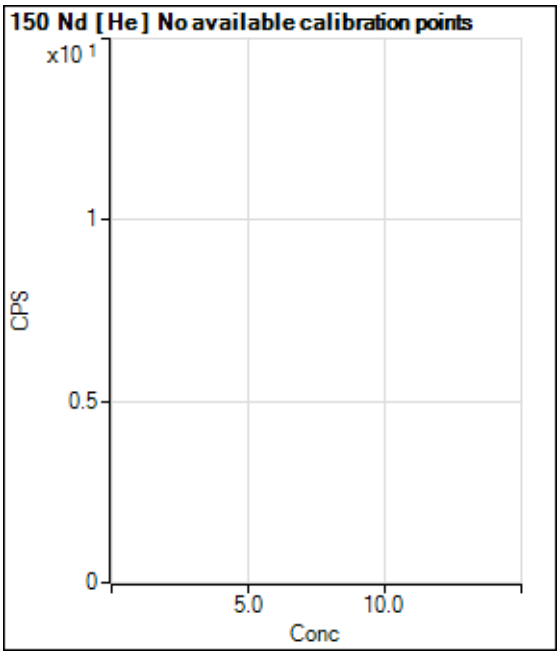
y = 3.4177E-004 * x + 8.5618E-005
R = 1.0000
DL = 0.07952
BEC = 0.2505

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

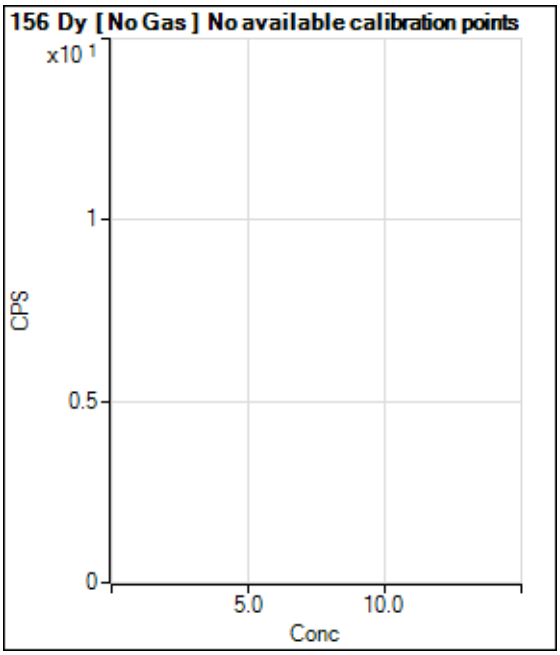


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.56		P	32.7
2	☐			24.44		P	7.9
3	☐			38.89		P	30.1
4	☐			41.11		P	30.7
5	☐			77.78		P	19.3
6	☐			135.56		P	19.9
7	☐			278.89		P	11.6
8	☐			93.33		P	21.7

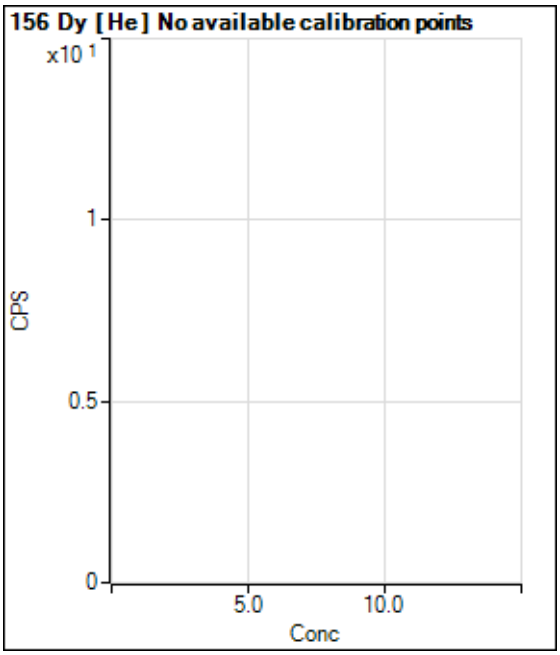


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	0.0
2	☐			2.22		P	173.
3	☐			4.44		P	43.4
4	☐			8.89		P	78.1
5	☐			14.44		P	35.3
6	☐			27.78		P	50.0
7	☐			51.11		P	18.8
8	☐			33.33		P	10.0

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

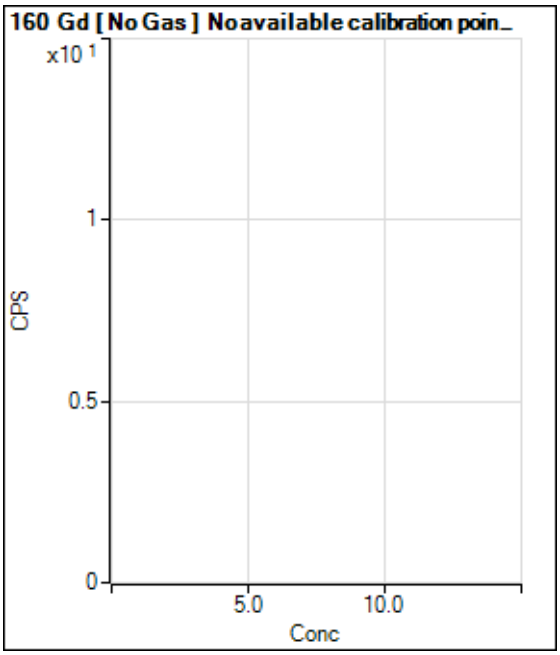


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1579.00		P	5.7
2	☐			1621.22		P	0.5
3	☐			1637.89		P	3.0
4	☐			1632.33		P	2.2
5	☐			1650.11		P	8.6
6	☐			1737.90		P	3.9
7	☐			1984.61		P	3.4
8	☐			1617.88		P	2.3

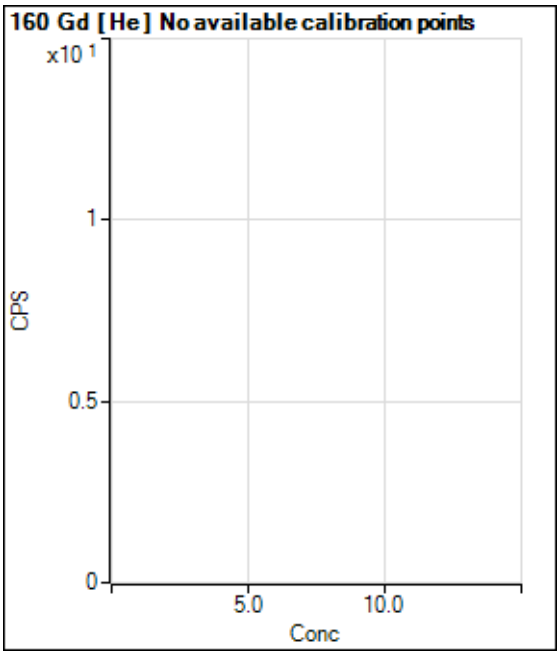


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			282.23		P	3.0
2	☐			233.34		P	7.6
3	☐			318.90		P	12.1
4	☐			315.56		P	8.5
5	☐			321.12		P	11.0
6	☐			406.68		P	10.2
7	☐			473.35		P	11.3
8	☐			296.67		P	13.0

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

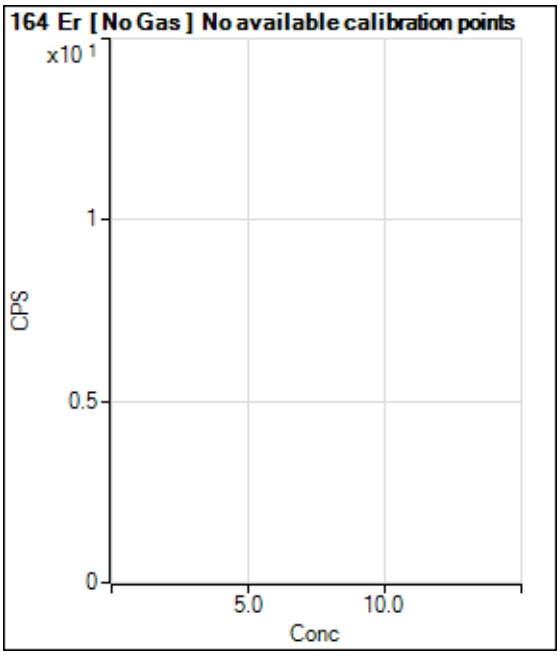


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			14.44		P	13.4
2	☐			10.00		P	33.3
3	☐			11.11		P	17.3
4	☐			12.22		P	41.7
5	☐			13.33		P	43.3
6	☐			15.56		P	49.5
7	☐			32.22		P	26.0
8	☐			83.33		P	24.3

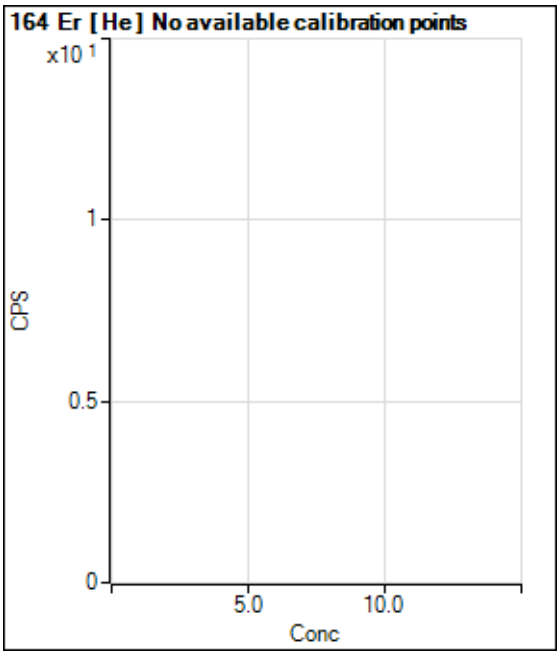


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			105.56		P	40.7
2	☐			94.45		P	17.8
3	☐			87.78		P	31.8
4	☐			106.67		P	6.3
5	☐			97.78		P	25.6
6	☐			98.89		P	27.2
7	☐			124.45		P	12.4
8	☐			136.67		P	41.6

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

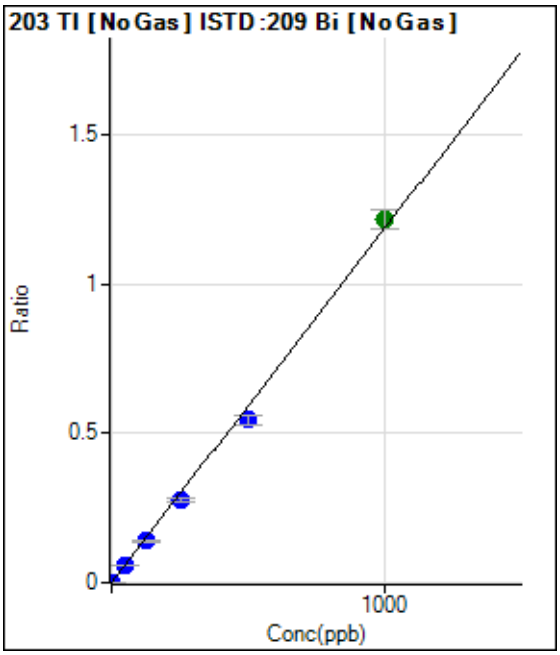


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			12.22		P	56.8
2	☐			17.78		P	75.8
3	☐			24.44		P	41.7
4	☐			32.22		P	21.5
5	☐			25.56		P	39.8
6	☐			36.67		P	27.3
7	☐			47.78		P	31.5
8	☐			91.11		P	14.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			24.44		P	20.8
2	☐			14.44		P	13.4
3	☐			12.22		P	41.7
4	☐			13.33		P	66.2
5	☐			15.56		P	61.9
6	☐			22.22		P	43.3
7	☐			31.11		P	27.0
8	☐			74.44		P	20.2

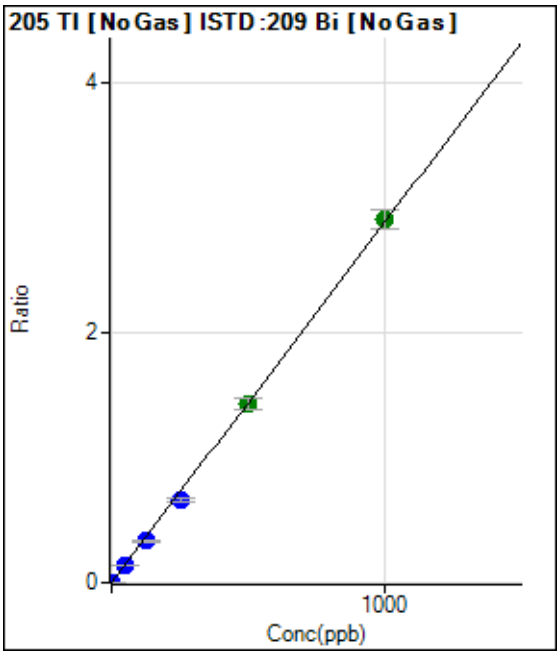
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	33.1
2	☐	1.000	0.926	1761.25	0.0011	P	6.8
3	☐	50.000	48.712	89601.51	0.0578	P	0.8
4	☐	125.000	118.855	230913.20	0.1409	P	5.3
5	☐	250.000	234.936	467886.96	0.2785	P	4.6
6	☐	500.000	459.387	947793.80	0.5446	P	5.2
7	☐	1000.000	1024.905	2129967.19	1.2150	A	5.4
8	☐			347.79	0.0002	P	24.8

y = 0.0012 * x + 2.6993E-005
R = 0.9987
DL = 0.02262
BEC = 0.02277

Weight: <None>
Min Conc: 0

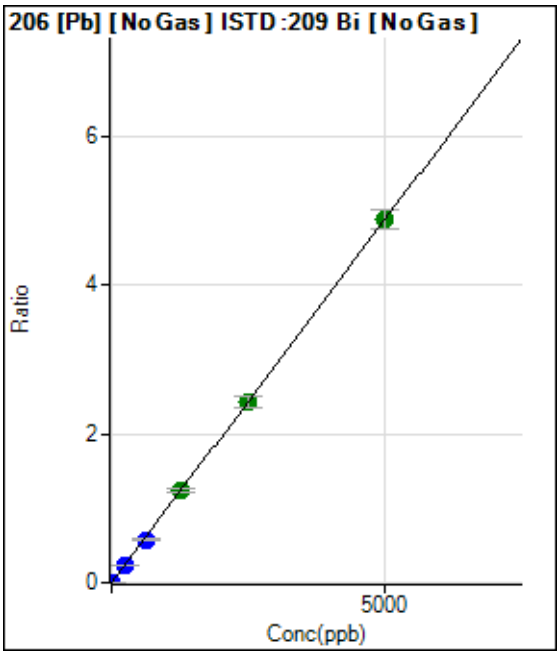


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.44	0.0001	P	13.8
2	☐	1.000	0.889	4097.33	0.0026	P	4.2
3	☐	50.000	47.859	213514.58	0.1377	P	0.1
4	☐	125.000	115.630	544863.45	0.3325	P	5.3
5	☐	250.000	229.163	1107144.81	0.6590	P	4.2
6	☐	500.000	497.321	2487436.56	1.4300	A	6.3
7	☐	1000.000	1007.827	5079945.89	2.8979	A	5.4
8	☐			820.04	0.0006	P	19.0

y = 0.0029 * x + 6.0374E-005
R = 0.9997
DL = 0.008688
BEC = 0.021

Weight: <None>
Min Conc: 0

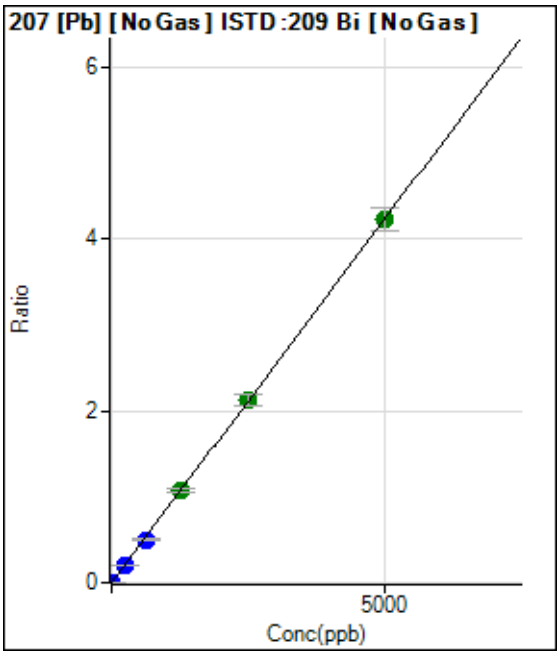
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0001	P	2.2
2	☐	1.000	0.899	1458.98	0.0009	P	7.1
3	☐	250.000	242.437	366428.10	0.2363	P	1.3
4	☐	625.000	585.516	934938.03	0.5705	P	5.1
5	☐	1250.000	1271.097	2080548.60	1.2385	A	4.7
6	☐	2500.000	2491.480	4222481.53	2.4276	A	6.4
7	☐	5000.000	5004.300	8547465.36	4.8759	A	5.4
8	☐			1691.24	0.0012	P	12.1

y = 9.7433E-004 * x + 5.6090E-005
R = 1.0000
DL = 0.003839
BEC = 0.05757

Weight: <None>
Min Conc: 0

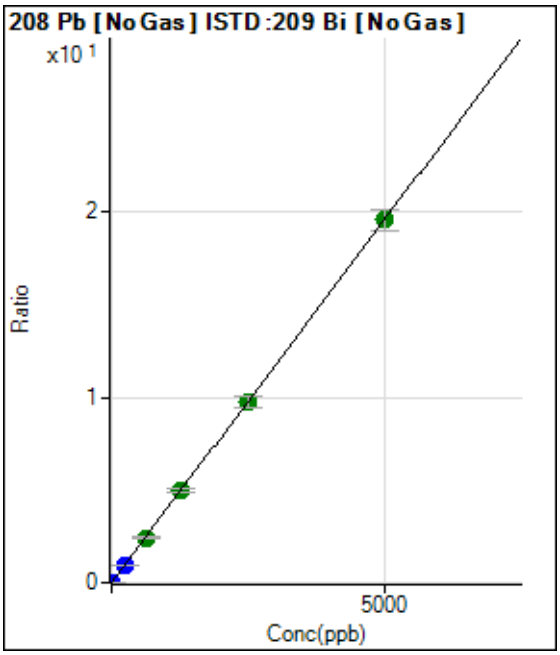


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0001	P	17.1
2	☐	1.000	0.971	1364.53	0.0009	P	0.3
3	☐	250.000	242.618	318194.76	0.2052	P	0.8
4	☐	625.000	587.525	813873.25	0.4967	P	5.5
5	☐	1250.000	1274.042	1809676.90	1.0771	A	4.3
6	☐	2500.000	2515.300	3699631.64	2.1265	A	5.9
7	☐	5000.000	4991.393	7394233.22	4.2197	A	6.3
8	☐			1585.67	0.0011	P	8.0

y = 8.4539E-004 * x + 5.0413E-005
R = 0.9999
DL = 0.03068
BEC = 0.05963

Weight: <None>
Min Conc: 0

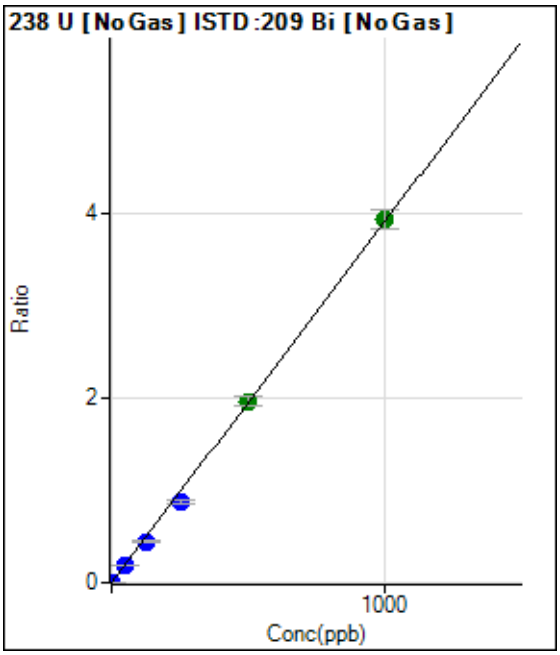
Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.45	0.0002	P	11.4
2	☐	1.000	0.936	6091.71	0.0039	P	1.9
3	☐	250.000	241.322	1468055.24	0.9466	P	0.7
4	☐	625.000	616.738	3963021.60	2.4188	A	5.5
5	☐	1250.000	1274.155	8394805.99	4.9969	A	4.3
6	☐	2500.000	2494.985	17023143.94	9.7844	A	5.8
7	☐	5000.000	4997.935	34351529.14	19.5999	A	5.9
8	☐			6929.66	0.0047	P	5.9

y = 0.0039 * x + 2.2018E-004
R = 1.0000
DL = 0.01915
BEC = 0.05615

Weight: <None>
Min Conc: 0

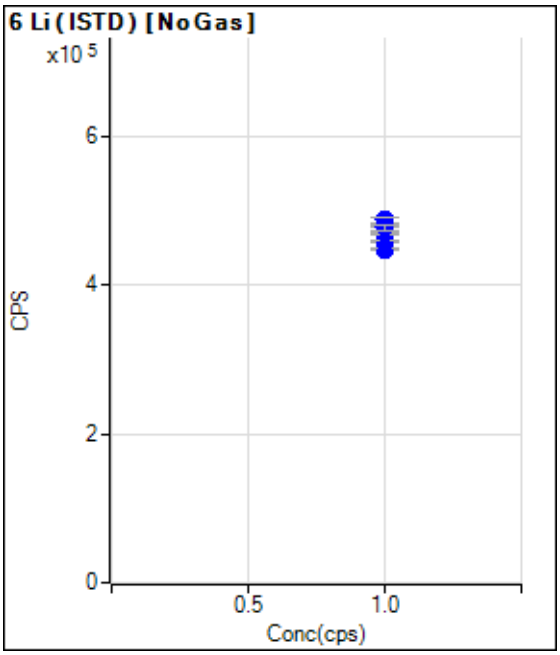


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	1.000	0.871	5333.35	0.0034	P	1.8
3	☐	50.000	46.439	281285.72	0.1814	P	0.7
4	☐	125.000	112.898	722652.11	0.4409	P	4.7
5	☐	250.000	225.461	1479363.22	0.8805	P	4.3
6	☐	500.000	503.237	3420428.21	1.9654	A	5.1
7	☐	1000.000	1006.207	6889231.64	3.9298	A	5.3
8	☐			586.69	0.0004	P	3.6

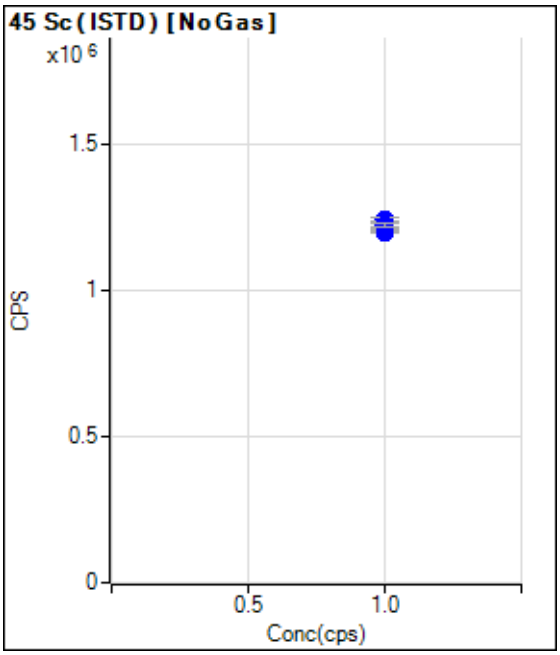
y = 0.0039 * x + 2.8423E-006
R = 0.9996
DL = 0.001891
BEC = 0.0007278

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

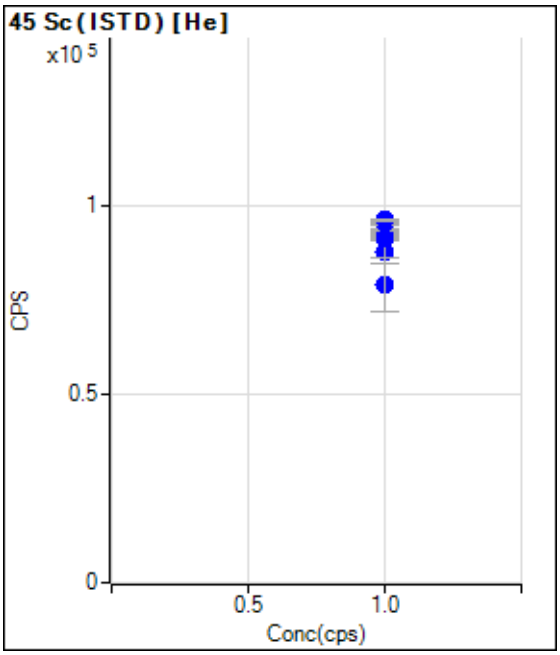


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		446822.63		P	0.4
2	☐	1.000		448967.67		P	0.1
3	☐	1.000		457096.25		P	0.1
4	☐	1.000		459814.09		P	0.5
5	☐	1.000		469159.54		P	1.0
6	☐	1.000		481014.38		P	1.2
7	☐	1.000		487443.27		P	1.6
8	☐	1.000		477499.27		P	1.5

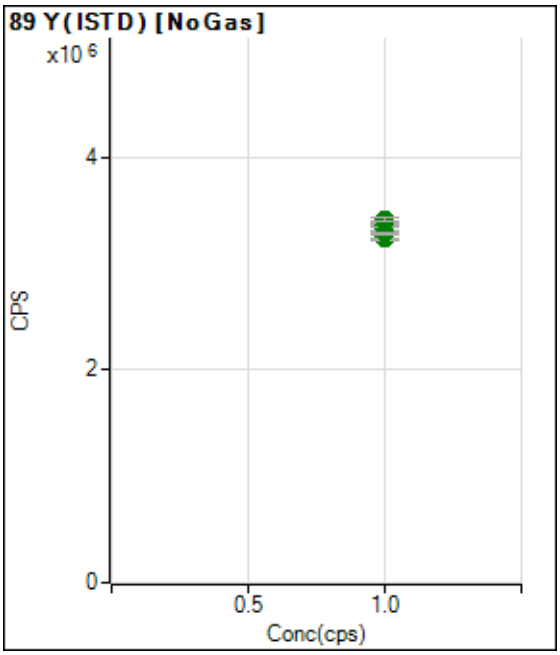


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1194906.10		P	0.1
2	☐	1.000		1193650.47		P	0.1
3	☐	1.000		1198191.43		P	0.5
4	☐	1.000		1204976.35		P	0.1
5	☐	1.000		1211861.63		P	1.0
6	☐	1.000		1232245.52		P	0.7
7	☐	1.000		1239329.28		P	1.3
8	☐	1.000		1222153.60		P	0.9

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

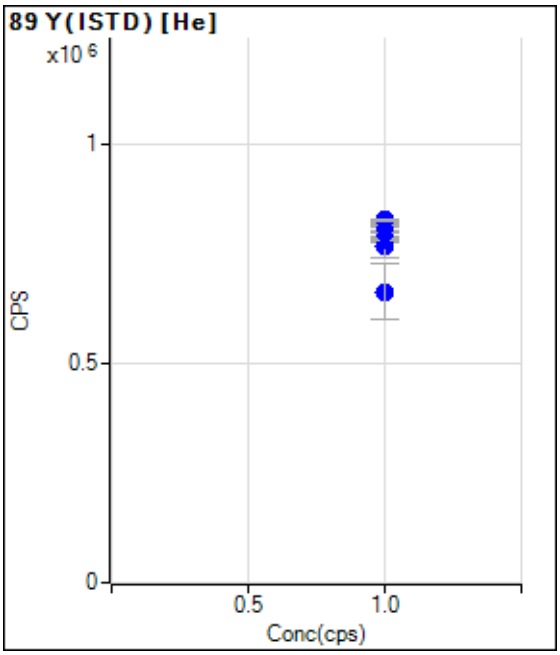


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		87751.35		P	6.7
2	☐	1.000		91274.71		P	0.6
3	☐	1.000		91687.22		P	0.7
4	☐	1.000		92548.95		P	0.3
5	☐	1.000		93567.35		P	0.8
6	☐	1.000		95260.00		P	0.3
7	☐	1.000		96322.21		P	0.5
8	☐	1.000		79191.84		P	17.9

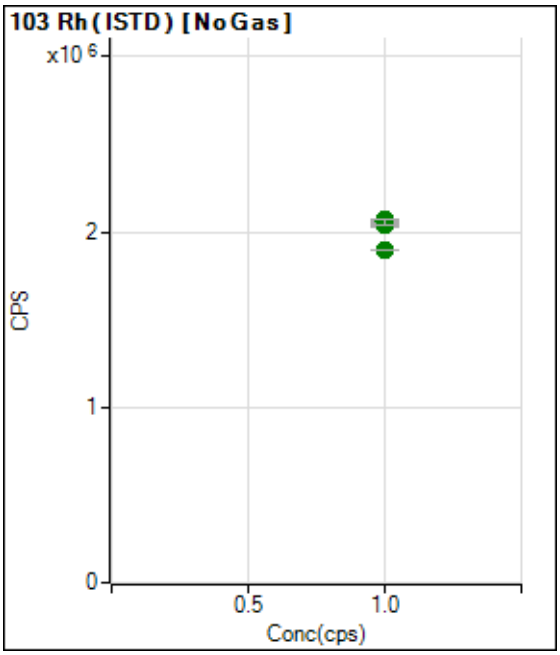


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3286379.92		A	0.7
2	☐	1.000		3256965.68		A	0.8
3	☐	1.000		3230724.91		A	0.2
4	☐	1.000		3331683.14		A	0.9
5	☐	1.000		3353614.78		A	0.5
6	☐	1.000		3366031.51		A	0.7
7	☐	1.000		3413204.05		A	1.1
8	☐	1.000		3284820.33		A	0.6

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

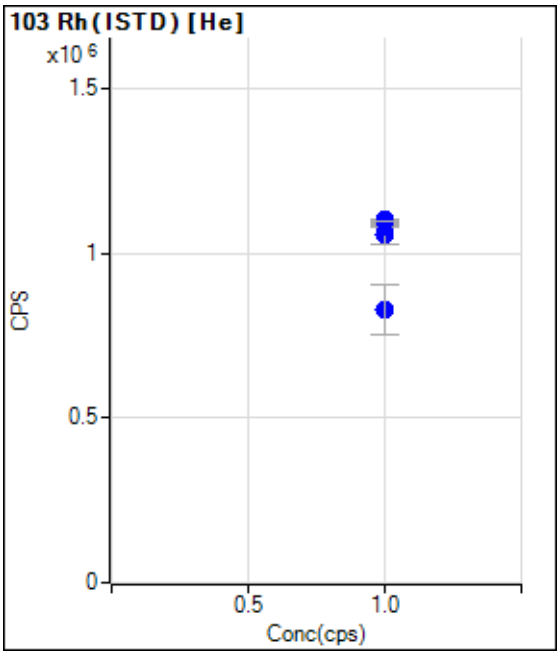


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		764791.76		P	6.4
2	☐	1.000		780474.51		P	0.8
3	☐	1.000		783837.88		P	0.5
4	☐	1.000		798727.53		P	0.5
5	☐	1.000		811130.02		P	0.4
6	☐	1.000		817067.24		P	0.2
7	☐	1.000		826643.44		P	0.3
8	☐	1.000		662928.94		P	19.0

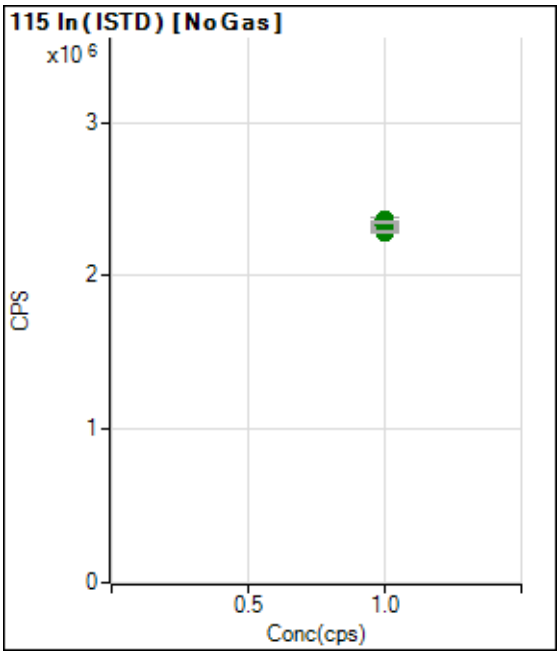


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2057002.18		A	0.8
2	☐	1.000		2052863.51		A	0.4
3	☐	1.000		2042261.51		A	1.6
4	☐	1.000		2052652.95		A	0.3
5	☐	1.000		2068143.29		A	0.7
6	☐	1.000		2044444.38		A	0.9
7	☐	1.000		2056423.20		A	1.7
8	☐	1.000		1898484.89		A	0.3

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

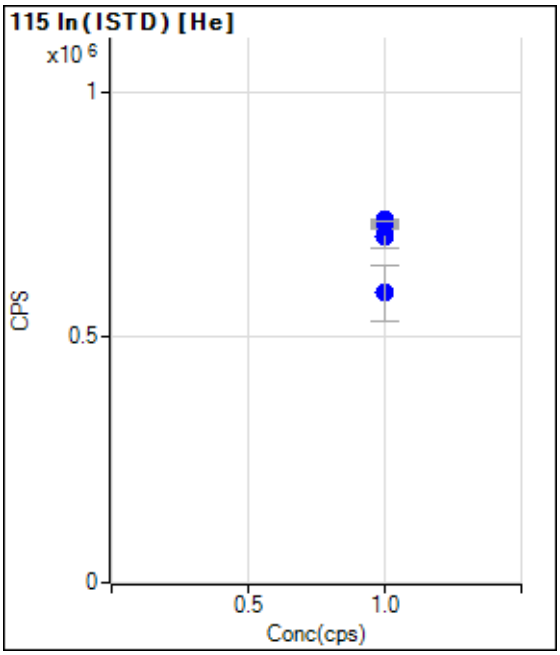


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1056661.68		P	6.1
2	☐	1.000		1087044.21		P	0.7
3	☐	1.000		1078532.56		P	0.4
4	☐	1.000		1095921.99		P	0.3
5	☐	1.000		1100560.95		P	0.2
6	☐	1.000		1094475.67		P	0.2
7	☐	1.000		1096861.26		P	0.1
8	☐	1.000		827516.87		P	18.6

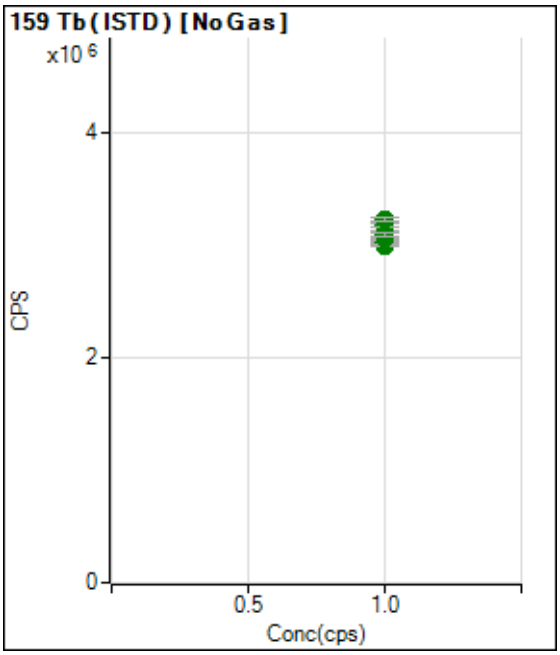


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2324519.31		A	1.1
2	☐	1.000		2312834.00		A	0.5
3	☐	1.000		2300245.18		A	0.4
4	☐	1.000		2345072.42		A	0.5
5	☐	1.000		2332764.44		A	1.8
6	☐	1.000		2365524.89		A	1.6
7	☐	1.000		2354787.99		A	0.6
8	☐	1.000		2283135.92		A	0.6

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

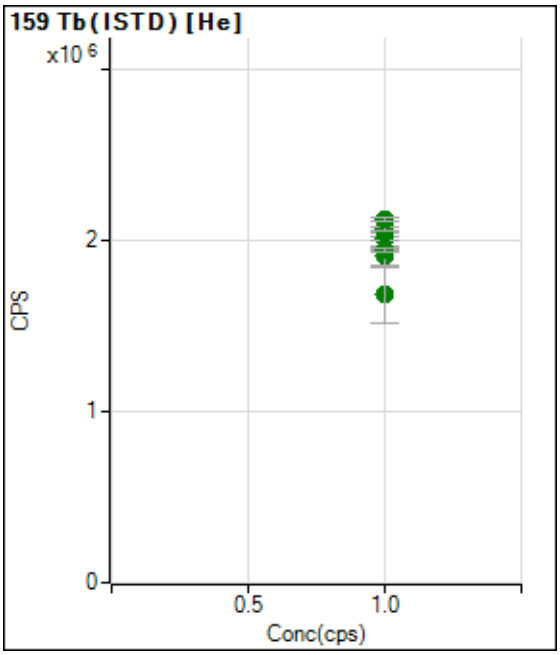


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		704414.47		P	6.1
2	☐	1.000		725121.72		P	0.6
3	☐	1.000		722991.24		P	0.4
4	☐	1.000		733365.32		P	0.3
5	☐	1.000		739260.79		P	0.0
6	☐	1.000		739067.63		P	0.2
7	☐	1.000		737073.04		P	0.2
8	☐	1.000		589930.89		P	19.0

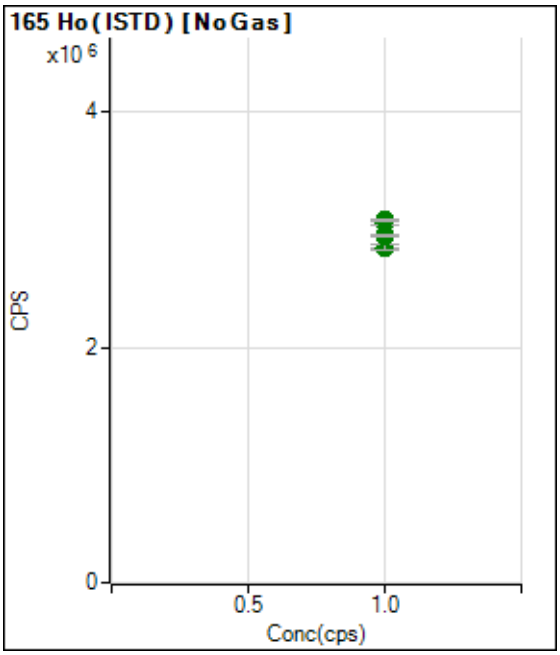


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3037511.48		A	0.4
2	☐	1.000		3031120.96		A	0.8
3	☐	1.000		2997416.31		A	0.5
4	☐	1.000		3067542.11		A	0.4
5	☐	1.000		3126464.33		A	0.8
6	☐	1.000		3182394.78		A	1.2
7	☐	1.000		3229819.22		A	1.1
8	☐	1.000		3096815.44		A	1.4

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

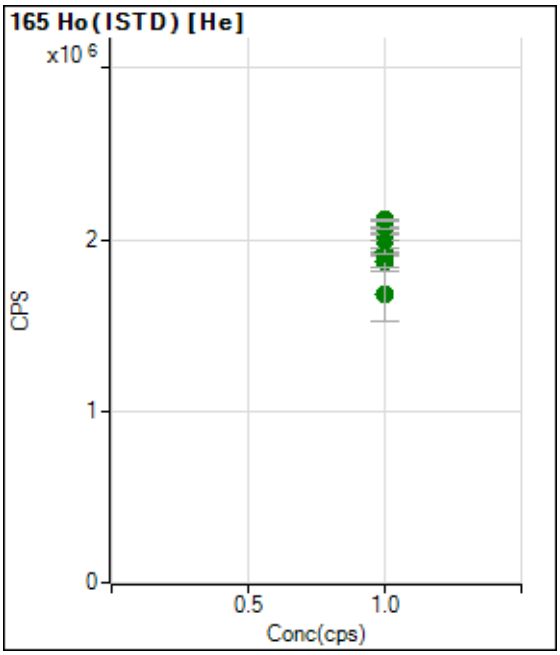


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1905474.58		A	6.1
2	☐	1.000		1945270.82		A	0.3
3	☐	1.000		1946368.79		A	1.1
4	☐	1.000		2008337.44		A	1.0
5	☐	1.000		2046120.37		A	0.8
6	☐	1.000		2062712.40		A	1.1
7	☐	1.000		2117796.17		A	0.9
8	☐	1.000		1679438.60		A	19.0

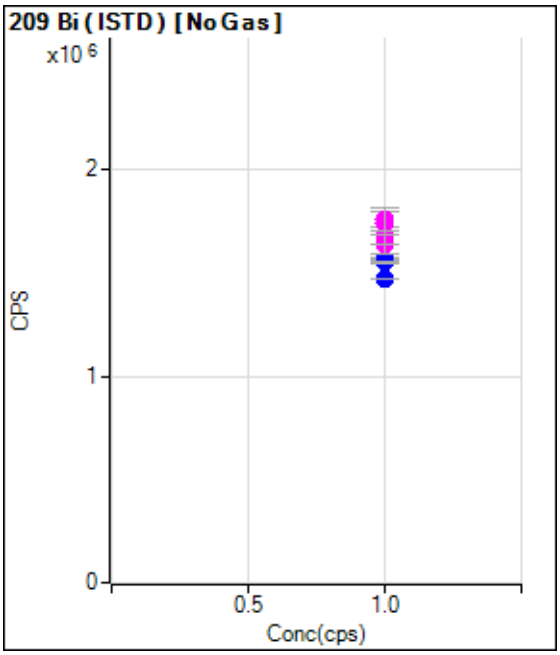


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2835805.51		A	1.0
2	☐	1.000		2843869.12		A	0.5
3	☐	1.000		2847039.92		A	1.4
4	☐	1.000		2939133.32		A	0.2
5	☐	1.000		2941814.89		A	0.4
6	☐	1.000		3052215.02		A	0.8
7	☐	1.000		3082169.33		A	0.4
8	☐	1.000		2949681.45		A	0.7

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

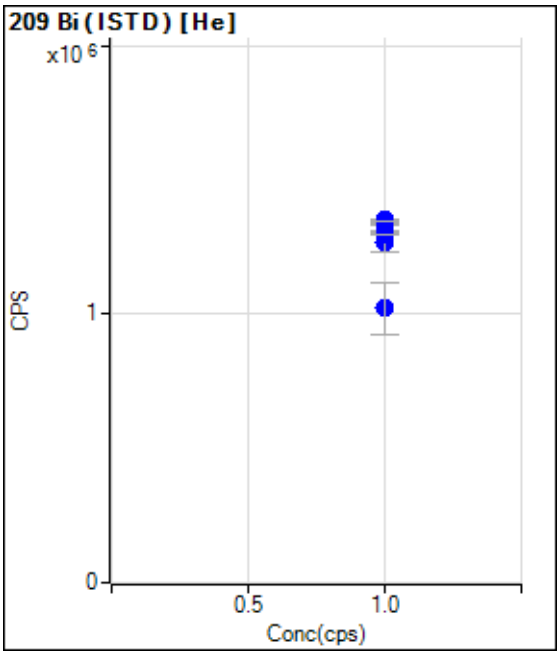


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1871082.71		A	6.2
2	☐	1.000		1914839.43		A	0.3
3	☐	1.000		1933806.90		A	1.5
4	☐	1.000		1995590.11		A	0.3
5	☐	1.000		2033409.36		A	0.3
6	☐	1.000		2069765.96		A	0.7
7	☐	1.000		2115566.06		A	0.7
8	☐	1.000		1682542.53		A	19.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1565025.05		P	0.6
2	☐	1.000		1565795.41		P	0.4
3	☐	1.000		1550910.71		P	1.0
4	☐	1.000		1641775.10		M	5.6
5	☐	1.000		1682416.83		M	5.1
6	☐	1.000		1744023.50		M	6.2
7	☐	1.000		1757029.38		M	6.4
8	☐	1.000		1470329.46		P	0.3

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1270668.53		P	6.2
2	☐	1.000		1305905.89		P	0.5
3	☐	1.000		1296768.15		P	0.5
4	☐	1.000		1334392.25		P	0.3
5	☐	1.000		1343796.35		P	0.1
6	☐	1.000		1351642.29		P	0.1
7	☐	1.000		1346003.33		P	0.3
8	☐	1.000		1021655.22		P	19.2

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7
ClientSampleId
:TUNE005

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102324-MS.b
Acq. Date-Time	2024-10-23 03:34:36
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		2321	23212.92			1.407	5.000
24		73349	733491.31			0.698	5.000
25		9564	95640.45			0.668	5.000
26		10427	104266.15			0.628	5.000
59		13730	137303.40			1.015	5.000
113		1214	12137.22			0.884	5.000
115		26998	269984.62			0.608	5.000
206		5378	53784.18			0.806	5.000
207		4500	45003.99			0.853	5.000
208		10998	109984.17			0.741	5.000
220		0	3.80			23.903	

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

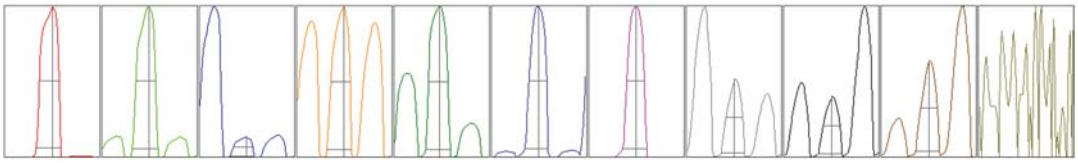
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2361	2333	2278	2335	2300
24	73715	74064	73051	73023	72892
25	9607	9584	9462	9621	9546
26	10446	10478	10313	10461	10435
59	13901	13797	13562	13778	13614
113	1222	1222	1207	1220	1198
115	27081	27186	26789	27068	26868
206	5337	5417	5342	5432	5365
207	4481	4517	4450	4553	4501
208	10929	11091	10900	11052	11021

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3931.66	9.05	8.90 - 9.10	
24	124991.18	24.00	23.90 - 24.10	
25	16276.19	25.00	24.90 - 25.10	
26	18008.86	26.00	25.90 - 26.10	
59	23298.06	58.95	58.90 - 59.10	
113	2255.27	113.00	112.90 - 113.10	
115	50471.28	115.00	114.90 - 115.10	
206	10675.27	206.05	205.90 - 206.10	
207	8773.65	207.05	206.90 - 207.10	
208	21642.27	208.05	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.776	0.900	
24	0.63	0.815	0.900	
25	0.62	0.742	0.900	
26	0.62	0.780	0.900	
59	0.62	0.782	0.900	
113	0.55	0.740	0.900	
115	0.54	0.770	0.900	
206	0.52	0.735	0.900	
207	0.53	0.748	0.900	
208	0.52	0.759	0.900	
220				

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

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.78 L/min	Dilution Gas	0.40 L/min

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7
ClientSampleId
:TUNE005

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	8.0 V	Deflect	17.0 V
Extract 2	-105.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	0.7 mm

EM

Discriminator	4.9 mV	Analog HV	2407 V	Pulse HV	1924 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4152	41517.85			0.943	
89		25837	258366.38			0.714	
205		8168	81679.62			0.735	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4189	4152	4180	4089	4149
89	26101	25829	25902	25605	25747
205	8259	8179	8151	8092	8159

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.78 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	8.9 V	Deflect	3.6 V

US EPA Tune Check Report

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7
ClientSampleId
:TUNE005

Extract 2	-100.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-60 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	0.7 mm

EM

Discriminator	4.9 mV	Analog HV	2407 V	Pulse HV	1924 V

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:10:01	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	-0.31	0.17	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	0.01	-0.03	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.03	-0.03	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	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	-0.09	0.09	0.00	0.00	N/A	ppb
Cadmium	106-1	1.03	0.15	-1.18	0.00	N/A	ppb
Cadmium	111-1	0.07	0.00	-0.07	0.00	N/A	ppb
Calcium	43-1	0.81	-2.91	2.10	0.00	N/A	ppb
Calcium	44-1	0.25	-0.09	-0.16	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.04	0.01	-0.05	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	1.40	-0.64	-0.76	0.00	N/A	ppb
Iron	57-2	3.42	-5.72	2.31	0.00	N/A	ppb
Iron	54-2	1.94	-0.09	-1.86	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:10:01	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.24	0.15	0.09	0.00	N/A	ppb
Manganese	55-2	0.11	0.01	-0.13	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.09	-0.17	0.00	N/A	ppb
Phosphorus	31-2	-8.50	-8.76	-25.51	-14.26		ppb
Potassium	39-2	21.37	-15.08	-6.30	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.88	-0.66	-0.22	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.07	-1.94	-1.13	0.00	N/A	ppb
Silicon	28-1	-0.16	-0.02	0.18	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	2.12	-0.86	-1.26	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-235.46	-6.45	-167.17	-136.36		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	-0.04	0.01	0.03	0.00	N/A	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:10:01	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	-0.17	0.11	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:13:37	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.08	17.01	14.83	15.64	7.63	ppb
Antimony	121-1	2.00	1.93	1.99	1.97	1.91	ppb
Arsenic	75-2	0.93	0.92	0.90	0.92	1.45	ppb
Barium	135-1	9.23	9.45	9.03	9.24	2.26	ppb
Barium	137-1	9.12	9.07	9.15	9.12	0.43	ppb
Beryllium	9-1	0.94	0.97	0.97	0.96	1.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.95	1.32	0.79	1.02	26.26	ppb
Cadmium	106-1	2.73	-0.09	2.41	1.68	91.60	ppb
Cadmium	111-1	1.19	0.85	1.16	1.07	17.38	ppb
Calcium	43-1	508.62	533.50	486.83	509.65	4.58	ppb
Calcium	44-1	506.26	503.15	511.25	506.89	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.91	1.91	1.91	0.34	ppb
Cobalt	59-2	1.10	1.00	1.09	1.06	5.00	ppb
Copper	63-2	1.69	1.91	1.85	1.82	6.35	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				100		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	43.84	44.88	43.66	44.13	1.49	ppb
Iron	57-2	35.12	41.02	51.42	42.52	19.41	ppb
Iron	54-2	42.69	45.11	42.99	43.60	3.03	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:13:37	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.82	0.95	0.93	0.90	7.61	ppb
Lead	207-1	0.97	0.97	0.98	0.97	0.37	ppb
Lead	208-1	0.92	0.96	0.94	0.94	2.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	437.58	433.79	430.57	433.98	0.81	ppb
Manganese	55-2	1.16	0.97	1.27	1.13	13.09	ppb
Molybdenum	94-1	5.35	5.37	4.89	5.20	5.18	ppb
Molybdenum	95-1	4.32	4.48	4.27	4.36	2.51	ppb
Molybdenum	96-1	4.39	4.54	4.58	4.50	2.24	ppb
Molybdenum	97-1	4.47	4.45	4.33	4.41	1.75	ppb
Molybdenum	98-1	4.42	4.51	4.31	4.42	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	0.89	1.14	1.06	13.57	ppb
Phosphorus	31-2	20.26	7.19	15.32	14.26	46.29	ppb
Potassium	39-2	416.34	421.69	417.17	418.40	0.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	5.14	4.56	5.83	5.18	12.21	ppb
Selenium	77-2	2.51	3.74	10.13	5.46	74.98	ppb
Selenium	78-2	4.46	6.58	12.42	7.82	52.68	ppb
Silicon	28-1	0.74	1.22	0.92	0.96	25.38	ppb
Silver	107-1	0.91	0.92	0.99	0.94	4.46	ppb
Silver	109-1	0.93	0.96	0.88	0.92	4.09	ppb
Sodium	23-2	406.72	414.12	409.55	410.13	0.91	ppb
Strontium	86-1	0.88	0.98	0.97	0.94	5.38	ppb
Strontium	88-1	0.98	0.99	1.00	0.99	0.69	ppb
Sulfur	34-1	207.37	24.17	177.53	136.36	72.09	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.87	0.91	1.00	0.93	6.94	ppb
Thallium	205-1	0.85	0.93	0.88	0.89	4.34	ppb
Tin	118-1	4.78	4.78	4.89	4.82	1.24	ppb
Titanium	47-1	4.27	4.68	4.32	4.42	5.03	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:13:37	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.87	0.89	0.87	1.80	ppb
Vanadium	51-2	4.81	4.81	4.64	4.75	1.99	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	6.73	6.16	5.34	6.08	11.53	ppb
Zirconium	90-1	0.90	0.95	0.97	0.94	3.89	ppb
Zirconium	91-1	1.00	0.99	1.00	1.00	0.29	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:17:03	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1044.44	1073.72	1052.58	1056.91	1.43	ppb
Antimony	121-1	50.23	50.83	50.57	50.54	0.59	ppb
Arsenic	75-2	50.28	50.82	52.15	51.08	1.88	ppb
Barium	135-1	246.08	248.92	245.43	246.81	0.75	ppb
Barium	137-1	245.07	250.36	248.69	248.04	1.09	ppb
Beryllium	9-1	49.68	52.40	52.99	51.69	3.42	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	57.08	50.42	61.30	56.27	9.75	ppb
Cadmium	106-1	51.10	55.65	54.03	53.59	4.30	ppb
Cadmium	111-1	52.76	54.22	53.50	53.50	1.36	ppb
Calcium	43-1	5744.22	5772.50	5722.64	5746.45	0.44	ppb
Calcium	44-1	5515.48	5539.98	5528.54	5528.00	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.93	52.08	51.98	51.67	1.23	ppb
Cobalt	59-2	51.80	52.51	52.42	52.24	0.73	ppb
Copper	63-2	524.24	526.55	531.33	527.37	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				100		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	2240.22	2245.05	2260.61	2248.62	0.47	ppb
Iron	57-2	2346.88	2347.93	2371.57	2355.46	0.59	ppb
Iron	54-2	2375.10	2376.89	2432.45	2394.81	1.36	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:17:03	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	241.78	239.64	245.89	242.44	1.31	ppb
Lead	207-1	240.53	243.00	244.33	242.62	0.80	ppb
Lead	208-1	240.60	240.13	243.23	241.32	0.69	ppb
Lithium	6-1				102		%
Magnesium	24-2	4263.34	4320.74	4309.36	4297.82	0.71	ppb
Manganese	55-2	518.47	524.64	525.83	522.98	0.75	ppb
Molybdenum	94-1	511.16	513.37	515.35	513.29	0.41	ppb
Molybdenum	95-1	509.72	513.20	513.72	512.22	0.43	ppb
Molybdenum	96-1	504.88	510.61	513.98	509.82	0.90	ppb
Molybdenum	97-1	503.99	510.08	515.49	509.85	1.13	ppb
Molybdenum	98-1	507.61	511.95	517.86	512.47	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.41	51.79	52.73	52.64	1.55	ppb
Phosphorus	31-2	962.09	996.68	915.40	958.06	4.26	ppb
Potassium	39-2	2237.41	2250.40	2297.43	2261.74	1.40	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	50.80	53.31	53.19	52.43	2.70	ppb
Selenium	77-2	46.22	48.52	47.72	47.49	2.46	ppb
Selenium	78-2	54.30	55.14	47.27	52.24	8.28	ppb
Silicon	28-1	50.34	51.21	51.69	51.08	1.34	ppb
Silver	107-1	52.27	53.48	53.35	53.04	1.25	ppb
Silver	109-1	51.69	53.32	52.40	52.47	1.56	ppb
Sodium	23-2	4389.37	4418.43	4440.32	4416.04	0.58	ppb
Strontium	86-1	1256.25	1261.22	1281.95	1266.47	1.08	ppb
Strontium	88-1	1259.44	1266.06	1265.91	1263.80	0.30	ppb
Sulfur	34-1	899.64	877.89	680.75	819.43	14.72	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	48.70	48.32	49.11	48.71	0.81	ppb
Thallium	205-1	47.83	47.88	47.86	47.86	0.05	ppb
Tin	118-1	50.27	51.32	50.70	50.76	1.04	ppb
Titanium	47-1	516.10	518.93	521.83	518.95	0.55	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:17:03	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	46.52	46.06	46.74	46.44	0.75	ppb
Vanadium	51-2	50.17	50.72	50.93	50.61	0.78	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	524.42	529.81	532.35	528.86	0.77	ppb
Zirconium	90-1	50.02	50.83	50.90	50.58	0.97	ppb
Zirconium	91-1	49.72	50.71	50.53	50.32	1.05	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:20:26	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2182.36	2155.46	2153.94	2163.92	0.74	ppb
Antimony	121-1	124.17	125.71	125.54	125.14	0.68	ppb
Arsenic	75-2	127.78	127.80	128.95	128.18	0.52	ppb
Barium	135-1	610.13	614.68	612.17	612.33	0.37	ppb
Barium	137-1	609.04	618.79	617.34	615.06	0.86	ppb
Beryllium	9-1	131.02	126.70	129.16	128.96	1.68	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	126.18	136.97	123.48	128.88	5.54	ppb
Cadmium	106-1	130.26	129.78	130.95	130.33	0.45	ppb
Cadmium	111-1	131.61	130.91	132.73	131.75	0.70	ppb
Calcium	43-1	14042.33	14179.66	14313.03	14178.34	0.95	ppb
Calcium	44-1	13624.43	13814.68	13781.04	13740.05	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.39	126.14	125.95	126.49	0.62	ppb
Cobalt	59-2	130.33	129.48	128.02	129.27	0.90	ppb
Copper	63-2	1314.65	1306.72	1305.43	1308.93	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				104		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	5543.31	5510.62	5512.13	5522.02	0.33	ppb
Iron	57-2	5872.40	5832.96	5894.22	5866.53	0.53	ppb
Iron	54-2	5901.90	5957.57	5914.76	5924.74	0.49	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:20:26	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	597.14	607.83	551.58	585.52	5.10	ppb
Lead	207-1	602.81	609.19	550.57	587.53	5.47	ppb
Lead	208-1	637.74	634.72	577.74	616.74	5.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	10823.23	10663.22	10754.69	10747.05	0.75	ppb
Manganese	55-2	1309.39	1293.85	1296.30	1299.85	0.64	ppb
Molybdenum	94-1	1257.82	1251.91	1268.15	1259.29	0.65	ppb
Molybdenum	95-1	1256.61	1230.38	1266.65	1251.22	1.50	ppb
Molybdenum	96-1	1229.82	1223.79	1231.34	1228.32	0.33	ppb
Molybdenum	97-1	1241.45	1236.41	1272.45	1250.10	1.56	ppb
Molybdenum	98-1	1227.25	1216.62	1263.43	1235.77	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.46	131.81	129.41	131.22	1.22	ppb
Phosphorus	31-2	2412.30	2456.44	2550.22	2472.99	2.85	ppb
Potassium	39-2	5757.21	5622.01	5685.06	5688.09	1.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	127.94	125.58	129.44	127.65	1.52	ppb
Selenium	77-2	128.46	123.33	130.79	127.53	2.99	ppb
Selenium	78-2	130.96	119.78	126.52	125.75	4.48	ppb
Silicon	28-1	124.17	125.50	127.69	125.78	1.41	ppb
Silver	107-1	129.48	130.46	129.96	129.97	0.38	ppb
Silver	109-1	128.88	130.53	129.46	129.62	0.65	ppb
Sodium	23-2	10367.80	10442.82	10420.87	10410.50	0.37	ppb
Strontium	86-1	3113.96	3095.58	3138.12	3115.89	0.68	ppb
Strontium	88-1	3105.33	3090.12	3127.33	3107.59	0.60	ppb
Sulfur	34-1	2193.30	2394.78	2368.18	2318.75	4.72	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	122.35	122.65	111.56	118.86	5.31	ppb
Thallium	205-1	118.88	119.47	108.55	115.63	5.31	ppb
Tin	118-1	124.51	126.33	127.34	126.06	1.14	ppb
Titanium	47-1	1285.36	1298.12	1305.62	1296.36	0.79	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:20:26	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	115.15	116.66	106.88	112.90	4.67	ppb
Vanadium	51-2	127.37	126.60	125.91	126.63	0.58	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	1301.59	1322.11	1295.77	1306.49	1.06	ppb
Zirconium	90-1	124.21	122.87	125.88	124.32	1.21	ppb
Zirconium	91-1	123.86	122.20	124.82	123.62	1.07	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:23:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4333.77	4362.39	4283.26	4326.47	0.93	ppb
Antimony	121-1	245.36	249.40	247.89	247.55	0.82	ppb
Arsenic	75-2	260.30	250.04	253.46	254.60	2.05	ppb
Barium	135-1	1203.74	1224.02	1215.64	1214.47	0.84	ppb
Barium	137-1	1222.46	1230.92	1214.00	1222.46	0.69	ppb
Beryllium	9-1	251.51	253.56	257.21	254.09	1.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	261.71	252.90	253.35	255.99	1.94	ppb
Cadmium	106-1	254.40	256.52	250.13	253.68	1.28	ppb
Cadmium	111-1	254.80	256.12	257.66	256.19	0.56	ppb
Calcium	43-1	28372.94	28643.26	27859.92	28292.04	1.41	ppb
Calcium	44-1	25576.90	25663.59	25466.61	25569.03	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.77	255.83	251.63	254.07	0.86	ppb
Cobalt	59-2	256.96	258.67	254.71	256.78	0.77	ppb
Copper	63-2	2621.46	2624.17	2569.02	2604.88	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				109		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	11124.00	11024.68	10936.05	11028.24	0.85	ppb
Iron	57-2	11680.25	11750.93	11525.73	11652.30	0.99	ppb
Iron	54-2	11907.06	11949.99	11632.16	11829.74	1.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:23:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1264.92	1334.21	1214.17	1271.10	4.74	ppb
Lead	207-1	1267.50	1331.67	1222.96	1274.04	4.29	ppb
Lead	208-1	1276.61	1327.76	1218.10	1274.16	4.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	21025.50	20850.03	20853.47	20909.67	0.48	ppb
Manganese	55-2	2620.38	2607.66	2571.91	2599.98	0.97	ppb
Molybdenum	94-1	2452.97	2492.38	2506.69	2484.02	1.12	ppb
Molybdenum	95-1	2489.61	2460.26	2489.35	2479.74	0.68	ppb
Molybdenum	96-1	2478.84	2501.54	2501.36	2493.91	0.52	ppb
Molybdenum	97-1	2439.58	2528.61	2514.12	2494.10	1.92	ppb
Molybdenum	98-1	2461.93	2497.43	2484.23	2481.19	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.92	258.81	258.09	259.27	0.57	ppb
Phosphorus	31-2	4999.25	5009.61	4801.53	4936.80	2.38	ppb
Potassium	39-2	11463.62	11437.17	11328.40	11409.73	0.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				107		%
Selenium	82-1	250.76	257.23	257.72	255.24	1.52	ppb
Selenium	77-2	257.88	269.97	255.86	261.24	2.92	ppb
Selenium	78-2	256.25	256.28	258.98	257.17	0.61	ppb
Silicon	28-1	289.20	292.10	292.12	291.14	0.58	ppb
Silver	107-1	253.86	254.05	254.72	254.21	0.18	ppb
Silver	109-1	254.92	254.39	253.60	254.30	0.26	ppb
Sodium	23-2	21321.16	20863.38	20895.46	21026.66	1.22	ppb
Strontium	86-1	6209.99	6256.98	6256.34	6241.10	0.43	ppb
Strontium	88-1	6238.60	6287.20	6297.58	6274.46	0.50	ppb
Sulfur	34-1	4553.64	4627.87	4577.00	4586.17	0.83	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	236.28	245.10	223.42	234.94	4.64	ppb
Thallium	205-1	229.02	238.85	219.62	229.16	4.20	ppb
Tin	118-1	246.99	250.57	248.43	248.66	0.73	ppb
Titanium	47-1	2571.93	2598.28	2585.50	2585.24	0.51	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:23:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	225.02	235.41	215.95	225.46	4.32	ppb
Vanadium	51-2	254.08	252.03	250.57	252.23	0.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	2628.06	2588.18	2559.18	2591.81	1.33	ppb
Zirconium	90-1	248.32	251.61	250.63	250.19	0.68	ppb
Zirconium	91-1	246.61	252.15	250.85	249.87	1.16	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:26:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8599.26	8514.60	8556.61	8556.82	0.49	ppb
Antimony	121-1	490.40	500.35	489.24	493.33	1.24	ppb
Arsenic	75-2	503.05	495.25	506.94	501.75	1.19	ppb
Barium	135-1	2386.83	2432.83	2398.58	2406.08	0.99	ppb
Barium	137-1	2553.88	2520.84	2500.54	2525.08	1.07	ppb
Beryllium	9-1	496.16	506.20	503.64	502.00	1.04	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	496.52	513.43	498.24	502.73	1.85	ppb
Cadmium	106-1	499.61	505.86	505.52	503.66	0.70	ppb
Cadmium	111-1	503.87	512.77	505.90	507.51	0.92	ppb
Calcium	43-1	56051.99	56279.41	56767.83	56366.41	0.65	ppb
Calcium	44-1	50504.38	51427.54	50947.03	50959.65	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.29	498.18	501.99	500.82	0.46	ppb
Cobalt	59-2	502.86	498.38	503.41	501.55	0.55	ppb
Copper	63-2	5101.72	4981.37	5025.96	5036.35	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	21820.77	21503.03	21768.53	21697.44	0.79	ppb
Iron	57-2	22981.64	22708.52	23011.34	22900.50	0.73	ppb
Iron	54-2	23363.40	23083.93	23253.03	23233.45	0.61	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:26:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2674.64	2419.41	2380.39	2491.48	6.41	ppb
Lead	207-1	2685.06	2414.56	2446.28	2515.30	5.88	ppb
Lead	208-1	2661.99	2411.38	2411.59	2494.99	5.80	ppb
Lithium	6-1				108		%
Magnesium	24-2	41058.01	41229.98	40890.42	41059.47	0.41	ppb
Manganese	55-2	5031.81	4920.10	5099.97	5017.30	1.81	ppb
Molybdenum	94-1	4981.74	5032.74	4997.26	5003.92	0.52	ppb
Molybdenum	95-1	4992.93	5049.32	5030.48	5024.24	0.57	ppb
Molybdenum	96-1	4929.77	5018.41	5005.64	4984.61	0.96	ppb
Molybdenum	97-1	4965.57	5058.12	5020.69	5014.79	0.93	ppb
Molybdenum	98-1	4961.15	4985.33	4993.26	4979.91	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.86	497.43	507.11	504.13	1.15	ppb
Phosphorus	31-2	9936.01	9955.93	10115.93	10002.62	0.99	ppb
Potassium	39-2	21010.31	20837.64	21216.16	21021.37	0.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				109		%
Selenium	82-1	503.92	510.62	513.30	509.28	0.95	ppb
Selenium	77-2	464.21	494.54	475.14	477.96	3.21	ppb
Selenium	78-2	496.44	483.29	524.68	501.47	4.22	ppb
Silicon	28-1	576.64	575.29	586.00	579.31	1.01	ppb
Silver	107-1	497.64	506.18	496.21	500.01	1.08	ppb
Silver	109-1	499.19	504.95	494.67	499.60	1.03	ppb
Sodium	23-2	41833.98	41830.07	41909.63	41857.89	0.11	ppb
Strontium	86-1	12483.49	12710.25	12582.37	12592.04	0.90	ppb
Strontium	88-1	12361.34	12504.44	12582.51	12482.76	0.90	ppb
Sulfur	34-1	9823.44	9843.99	9869.55	9845.66	0.23	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	486.89	443.37	447.89	459.39	5.21	ppb
Thallium	205-1	533.41	481.42	477.13	497.32	6.30	ppb
Tin	118-1	486.99	494.07	486.44	489.17	0.87	ppb
Titanium	47-1	4881.67	5011.85	5011.19	4968.24	1.51	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:26:58	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	533.07	486.27	490.38	503.24	5.15	ppb
Vanadium	51-2	499.56	497.01	495.79	497.45	0.39	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	5015.67	5003.32	5048.35	5022.45	0.46	ppb
Zirconium	90-1	497.18	504.48	504.29	501.98	0.83	ppb
Zirconium	91-1	494.90	507.21	501.90	501.34	1.23	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:30:02	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17164.11	17274.08	17212.50	17216.90	0.32	ppb
Antimony	121-1	991.69	1004.55	1015.46	1003.90	1.19	ppb
Arsenic	75-2	994.93	1008.14	989.51	997.52	0.96	ppb
Barium	135-1	5057.00	4988.16	5127.61	5057.59	1.38	ppb
Barium	137-1	4909.54	4942.78	5134.74	4995.69	2.43	ppb
Beryllium	9-1	989.21	999.97	1003.02	997.40	0.73	ppb
Bismuth	209-1				112		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	990.24	995.97	1002.81	996.34	0.63	ppb
Cadmium	106-1	989.46	983.24	1016.51	996.40	1.78	ppb
Cadmium	111-1	981.74	993.27	1006.02	993.68	1.22	ppb
Calcium	43-1	111633.07	112996.65	113183.61	112604.45	0.75	ppb
Calcium	44-1	101021.14	102121.29	103042.74	102061.72	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	988.32	1002.20	1004.39	998.30	0.87	ppb
Cobalt	59-2	992.84	1000.06	997.75	996.88	0.37	ppb
Copper	63-2	9876.40	10017.86	9946.35	9946.87	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				113		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	43279.79	43673.51	43674.30	43542.53	0.52	ppb
Iron	57-2	45407.08	45564.96	45743.45	45571.83	0.37	ppb
Iron	54-2	43463.02	44413.79	44542.41	44139.74	1.34	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:30:02	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5310.71	4811.69	4890.50	5004.30	5.36	ppb
Lead	207-1	5352.28	4788.17	4833.73	4991.39	6.28	ppb
Lead	208-1	5330.90	4778.60	4884.31	4997.94	5.87	ppb
Lithium	6-1				109		%
Magnesium	24-2	83243.57	82691.37	83308.67	83081.21	0.41	ppb
Manganese	55-2	9899.22	10025.26	9952.45	9958.98	0.64	ppb
Molybdenum	94-1	9925.98	10128.52	9946.14	10000.21	1.12	ppb
Molybdenum	95-1	9868.34	10195.05	9913.15	9992.18	1.77	ppb
Molybdenum	96-1	9901.44	10100.25	10032.63	10011.44	1.01	ppb
Molybdenum	97-1	9897.52	10193.60	9889.59	9993.57	1.73	ppb
Molybdenum	98-1	9961.82	10122.44	9963.44	10015.90	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.67	1000.55	996.89	994.70	0.72	ppb
Phosphorus	31-2	19801.10	20287.98	19970.81	20019.96	1.23	ppb
Potassium	39-2	41948.11	42919.96	41824.28	42230.78	1.42	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	82-1	974.86	1011.83	994.09	993.60	1.86	ppb
Selenium	77-2	1048.13	977.69	998.23	1008.02	3.59	ppb
Selenium	78-2	1025.20	976.31	990.24	997.25	2.53	ppb
Silicon	28-1	941.61	955.18	953.20	950.00	0.77	ppb
Silver	107-1	996.17	996.30	1002.04	998.17	0.34	ppb
Silver	109-1	995.15	997.30	1002.82	998.42	0.40	ppb
Sodium	23-2	84299.40	84642.31	84266.54	84402.75	0.25	ppb
Strontium	86-1	24763.61	25130.95	24975.01	24956.52	0.74	ppb
Strontium	88-1	24791.95	25299.08	24920.94	25003.99	1.05	ppb
Sulfur	34-1	20059.31	20305.28	20272.34	20212.31	0.66	ppb
Terbium	159-1				106		%
Terbium	159-2				111		%
Thallium	203-1	1087.12	980.03	1007.57	1024.91	5.43	ppb
Thallium	205-1	1069.96	970.91	982.61	1007.83	5.37	ppb
Tin	118-1	1009.51	987.76	1019.48	1005.58	1.61	ppb
Titanium	47-1	9864.35	10134.11	9965.03	9987.83	1.36	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:30:02	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1066.44	967.28	984.91	1006.21	5.26	ppb
Vanadium	51-2	993.74	1005.78	1001.93	1000.48	0.61	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	9921.03	10002.14	9948.79	9957.32	0.41	ppb
Zirconium	90-1	974.99	1014.41	1007.65	999.02	2.11	ppb
Zirconium	91-1	987.62	1012.69	998.25	999.52	1.26	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:32:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	123539.92	95457.11	83230.31	100742.45	20.52	ppb
Antimony	121-1	0.80	0.83	0.85	0.82	3.01	ppb
Arsenic	75-2	1.04	0.38	1.08	0.84	47.32	ppb
Barium	135-1	2.64	2.37	2.41	2.47	5.75	ppb
Barium	137-1	2.57	2.34	2.44	2.45	4.78	ppb
Beryllium	9-1	0.74	0.47	0.61	0.61	22.64	ppb
Bismuth	209-1				94		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.59	0.76	0.52	0.63	19.90	ppb
Cadmium	106-1	0.51	-0.93	-0.33	-0.25		ppb
Cadmium	111-1	0.23	0.13	0.26	0.21	32.28	ppb
Calcium	43-1	503400.37	498590.38	487894.55	496628.43	1.60	ppb
Calcium	44-1	507577.30	498200.39	492503.16	499426.95	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.44	3.71	3.13	3.76	17.52	ppb
Cobalt	59-2	4.23	2.95	2.76	3.31	24.04	ppb
Copper	63-2	4.00	2.85	2.20	3.02	30.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				90		%
Indium	115-1				98		%
Indium	115-2				84		%
Iron	56-2	308589.32	237859.65	208699.19	251716.05	20.41	ppb
Iron	57-2	309523.62	236970.32	206953.07	251149.00	21.00	ppb
Iron	54-2	308298.45	238530.02	207345.74	251391.40	20.56	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:32:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.28	1.09	1.00	1.12	12.67	ppb
Lead	207-1	1.32	1.22	1.11	1.22	8.38	ppb
Lead	208-1	1.22	1.15	1.07	1.15	6.22	ppb
Lithium	6-1				107		%
Magnesium	24-2	617973.90	476953.70	418672.11	504533.24	20.31	ppb
Manganese	55-2	8.32	5.82	5.58	6.57	23.08	ppb
Molybdenum	94-1	3.19	3.13	3.10	3.14	1.52	ppb
Molybdenum	95-1	2.29	2.17	2.02	2.16	6.25	ppb
Molybdenum	96-1	3.69	3.67	3.68	3.68	0.28	ppb
Molybdenum	97-1	2.16	1.95	1.82	1.98	8.72	ppb
Molybdenum	98-1	2.17	1.93	1.79	1.96	9.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.60	4.42	4.05	5.02	27.46	ppb
Phosphorus	31-2	2.18	21.91	-10.48	4.54	359.87	ppb
Potassium	39-2	309061.75	237946.37	209060.31	252022.81	20.42	ppb
Rhodium	103-1				92		%
Rhodium	103-2				78		%
Scandium	45-1				102		%
Scandium	45-2				90		%
Selenium	82-1	2.09	1.67	2.12	1.96	12.82	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	7.44	1.73	3.14	4.10	72.52	ppb
Silicon	28-1	6.74	5.83	5.11	5.90	13.89	ppb
Silver	107-1	0.18	0.14	0.13	0.15	17.32	ppb
Silver	109-1	0.18	0.19	0.16	0.18	9.37	ppb
Sodium	23-2	616231.01	476426.88	419913.60	504190.49	20.04	ppb
Strontium	86-1	5.86	5.39	4.70	5.32	10.96	ppb
Strontium	88-1	5.54	5.17	5.01	5.24	5.13	ppb
Sulfur	34-1	-19.68	-10.45	200.15	56.67	219.40	ppb
Terbium	159-1				102		%
Terbium	159-2				88		%
Thallium	203-1	0.23	0.18	0.13	0.18	28.04	ppb
Thallium	205-1	0.22	0.15	0.15	0.17	21.34	ppb
Tin	118-1	0.60	0.63	0.65	0.63	3.84	ppb
Titanium	47-1	1.87	1.57	1.74	1.72	8.64	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:32:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.10	0.10	0.10	3.58	ppb
Vanadium	51-2	0.45	0.35	0.27	0.36	24.94	ppb
Yttrium	89-1				100		%
Yttrium	89-2				87		%
Zinc	66-2	10.91	7.92	6.79	8.54	24.91	ppb
Zirconium	90-1	0.67	0.63	0.64	0.65	3.44	ppb
Zirconium	91-1	0.65	0.72	0.67	0.68	5.45	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:18:58	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	442.34	426.66	422.68	430.56	2.41	ppb
Antimony	121-1	200.46	204.25	203.21	202.64	0.97	ppb
Arsenic	75-2	210.33	202.29	209.74	207.45	2.16	ppb
Barium	135-1	98.01	98.60	96.92	97.84	0.87	ppb
Barium	137-1	98.10	99.59	99.02	98.90	0.76	ppb
Beryllium	9-1	106.79	108.83	108.14	107.92	0.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	90.72	98.92	92.48	94.04	4.59	ppb
Cadmium	106-1	80.78	88.38	87.43	85.53	4.84	ppb
Cadmium	111-1	105.27	105.38	105.73	105.46	0.23	ppb
Calcium	43-1	2063.21	2161.10	2133.11	2119.14	2.38	ppb
Calcium	44-1	2068.58	2115.28	2126.41	2103.42	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.81	104.33	105.48	105.87	1.68	ppb
Cobalt	59-2	109.09	109.09	106.93	108.37	1.15	ppb
Copper	63-2	103.90	101.89	101.95	102.58	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	1911.96	1905.40	1875.03	1897.47	1.04	ppb
Iron	57-2	1911.28	1914.58	1822.38	1882.75	2.78	ppb
Iron	54-2	1924.34	1920.29	1934.57	1926.40	0.38	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:18:58	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	211.80	215.71	213.86	213.79	0.92	ppb
Lead	207-1	202.62	205.67	206.25	204.85	0.95	ppb
Lead	208-1	206.37	209.30	209.06	208.24	0.78	ppb
Lithium	6-1				92		%
Magnesium	24-2	1075.95	1049.82	1051.70	1059.16	1.38	ppb
Manganese	55-2	107.97	106.70	104.20	106.29	1.80	ppb
Molybdenum	94-1	0.15	0.15	0.15	0.15	2.81	ppb
Molybdenum	95-1	0.06	0.02	0.02	0.03	63.66	ppb
Molybdenum	96-1	0.09	0.08	0.10	0.09	15.78	ppb
Molybdenum	97-1	0.01	0.04	0.00	0.02	138.96	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	23.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.17	113.26	116.74	115.06	1.51	ppb
Phosphorus	31-2	-9.07	11.48	1.62	1.34	764.05	ppb
Potassium	39-2	1806.42	1749.34	1746.68	1767.48	1.91	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	82-1	213.67	214.81	218.69	215.72	1.22	ppb
Selenium	77-2	209.72	208.04	213.26	210.34	1.27	ppb
Selenium	78-2	201.68	205.29	211.44	206.14	2.39	ppb
Silicon	28-1	-1.34	-0.60	-0.77	-0.90		ppb
Silver	107-1	50.12	50.83	51.03	50.66	0.95	ppb
Silver	109-1	50.00	50.44	51.35	50.59	1.36	ppb
Sodium	23-2	1775.96	1756.54	1744.62	1759.04	0.90	ppb
Strontium	86-1	0.31	0.27	0.39	0.32	19.55	ppb
Strontium	88-1	0.33	0.29	0.29	0.30	8.23	ppb
Sulfur	34-1	368.76	348.51	275.39	330.89	14.84	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	212.91	216.54	216.82	215.42	1.01	ppb
Thallium	205-1	207.93	211.32	211.64	210.30	0.98	ppb
Tin	118-1	0.17	0.13	0.17	0.15	16.06	ppb
Titanium	47-1	-0.03	0.05	-0.03	0.00		ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:18:58	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.00	99.11	ppb
Vanadium	51-2	103.44	101.75	100.89	102.03	1.27	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	218.52	211.24	216.18	215.32	1.73	ppb
Zirconium	90-1	0.06	0.06	0.08	0.07	15.02	ppb
Zirconium	91-1	0.12	0.11	0.16	0.13	18.91	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:24:16	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.73	0.38	0.61	0.09	802.44	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	18.16	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	-0.04	-0.03	0.00	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.07	-0.04		ppb
Beryllium	9-1	0.09	0.03	-0.06	0.02	339.35	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.09	0.45	0.18	130.25	ppb
Cadmium	106-1	-3.54	-3.19	-1.41	-2.72		ppb
Cadmium	111-1	-0.26	-0.24	-0.11	-0.21		ppb
Calcium	43-1	-4.44	-7.04	-8.38	-6.62		ppb
Calcium	44-1	-30.92	-28.87	-28.52	-29.44		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.03	0.04	-0.02		ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	20.46	ppb
Copper	63-2	-0.42	-0.35	-0.32	-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				99		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	-1.69	-1.39	-1.31	-1.46		ppb
Iron	57-2	-10.71	-1.50	-4.20	-5.47		ppb
Iron	54-2	-4.19	-2.44	-6.18	-4.27		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:24:16	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.04	0.03	28.73	ppb
Lead	207-1	0.03	0.04	0.04	0.04	19.35	ppb
Lead	208-1	0.04	0.04	0.04	0.04	7.77	ppb
Lithium	6-1				93		%
Magnesium	24-2	-1.77	0.11	-1.08	-0.92		ppb
Manganese	55-2	0.28	0.00	0.15	0.15	97.45	ppb
Molybdenum	94-1	0.01	0.06	0.02	0.03	97.01	ppb
Molybdenum	95-1	-0.01	0.02	0.03	0.01	134.82	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	53.42	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	349.22	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	97.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.13	-0.16	-0.18		ppb
Phosphorus	31-2	4.14	-12.39	-18.43	-8.89		ppb
Potassium	39-2	-26.72	-18.14	-22.07	-22.31		ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	-0.63	-0.68	-1.40	-0.90		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.04	-0.15	0.29	1.06	163.32	ppb
Silicon	28-1	-2.11	-2.57	-2.09	-2.26		ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.80	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.81	ppb
Sodium	23-2	6.90	6.25	4.71	5.96	18.88	ppb
Strontium	86-1	0.03	0.01	-0.05	0.00		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	118.13	ppb
Sulfur	34-1	151.56	364.49	171.26	229.10	51.36	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.01	0.02	44.02	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.94	ppb
Tin	118-1	-0.02	0.02	-0.02	-0.01		ppb
Titanium	47-1	0.06	-0.14	-0.04	-0.04		ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:24:16	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	399.45	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%
Zinc	66-2	0.59	1.21	1.11	0.97	34.37	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	108.20	ppb
Zirconium	91-1	-0.01	0.01	0.04	0.01	194.93	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:27:42	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73869.92	75582.49	74281.68	74578.03	1.20	ppb
Antimony	121-1	1.06	1.12	1.06	1.08	3.35	ppb
Arsenic	75-2	0.35	0.25	0.42	0.34	25.56	ppb
Barium	135-1	1.39	1.37	1.20	1.32	7.68	ppb
Barium	137-1	1.26	1.32	1.34	1.31	2.92	ppb
Beryllium	9-1	0.28	0.14	0.31	0.25	36.47	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.18	5.28	7.02	5.83	17.75	ppb
Cadmium	106-1	-1.75	-2.29	-4.08	-2.71		ppb
Cadmium	111-1	0.23	0.22	-0.06	0.13	129.50	ppb
Calcium	43-1	100443.09	100355.14	101124.19	100640.81	0.42	ppb
Calcium	44-1	93281.53	94422.27	94354.65	94019.49	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.94	19.21	19.93	19.69	2.14	ppb
Cobalt	59-2	1.20	1.24	1.29	1.24	3.56	ppb
Copper	63-2	6.75	7.18	7.19	7.04	3.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	83521.14	83995.57	84388.06	83968.26	0.52	ppb
Iron	57-2	82716.98	83993.19	85301.70	84003.96	1.54	ppb
Iron	54-2	84058.88	84808.28	85409.33	84758.83	0.80	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:27:42	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.35	4.11	4.03	4.16	3.92	ppb
Lead	207-1	3.99	3.86	3.56	3.80	5.84	ppb
Lead	208-1	4.11	3.84	3.78	3.91	4.53	ppb
Lithium	6-1				101		%
Magnesium	24-2	78237.75	78817.53	78895.24	78650.17	0.46	ppb
Manganese	55-2	8.25	7.97	8.00	8.07	1.92	ppb
Molybdenum	94-1	1431.75	1428.56	1450.31	1436.87	0.82	ppb
Molybdenum	95-1	1705.22	1721.86	1741.23	1722.77	1.05	ppb
Molybdenum	96-1	1675.79	1682.05	1702.10	1686.65	0.81	ppb
Molybdenum	97-1	1726.98	1725.94	1729.88	1727.60	0.12	ppb
Molybdenum	98-1	1745.76	1704.58	1730.49	1726.94	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.25	5.07	4.67	4.99	5.96	ppb
Phosphorus	31-2	95366.79	95707.76	96712.79	95929.11	0.73	ppb
Potassium	39-2	78742.51	79380.23	79259.47	79127.40	0.43	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				105		%
Selenium	82-1	-0.41	0.32	-0.21	-0.10		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-0.96	-2.02	-1.18		ppb
Silicon	28-1	4.31	5.20	5.59	5.03	13.04	ppb
Silver	107-1	0.07	0.04	0.04	0.05	29.15	ppb
Silver	109-1	0.06	0.04	0.03	0.04	37.13	ppb
Sodium	23-2	78781.66	80540.65	80100.91	79807.74	1.15	ppb
Strontium	86-1	33.43	33.05	33.39	33.29	0.62	ppb
Strontium	88-1	33.38	33.18	33.61	33.39	0.64	ppb
Sulfur	34-1	95651.81	96724.38	96394.56	96256.92	0.57	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.12	0.10	0.12	0.11	10.44	ppb
Thallium	205-1	0.11	0.13	0.12	0.12	10.29	ppb
Tin	118-1	0.15	0.20	0.22	0.19	19.21	ppb
Titanium	47-1	1828.78	1830.35	1826.60	1828.58	0.10	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:27:42	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	11.44	ppb
Vanadium	51-2	0.15	0.14	0.16	0.15	8.73	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	13.17	13.65	14.05	13.62	3.23	ppb
Zirconium	90-1	0.06	0.05	0.09	0.06	30.05	ppb
Zirconium	91-1	0.06	0.11	0.08	0.09	30.29	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:30:58	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73938.33	75585.26	73969.97	74497.85	1.26	ppb
Antimony	121-1	19.92	19.66	20.09	19.89	1.09	ppb
Arsenic	75-2	21.74	20.44	20.57	20.92	3.40	ppb
Barium	135-1	19.48	19.39	19.89	19.59	1.36	ppb
Barium	137-1	19.32	19.27	19.39	19.33	0.31	ppb
Beryllium	9-1	19.72	20.00	19.27	19.66	1.89	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.54	23.60	24.06	24.40	4.15	ppb
Cadmium	106-1	13.98	13.65	14.61	14.08	3.46	ppb
Cadmium	111-1	18.83	18.55	18.87	18.75	0.93	ppb
Calcium	43-1	98707.92	102215.60	101295.32	100739.61	1.81	ppb
Calcium	44-1	92588.04	94287.63	94477.98	93784.55	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.61	39.31	38.27	38.73	1.36	ppb
Cobalt	59-2	20.73	21.04	20.31	20.69	1.77	ppb
Copper	63-2	25.05	25.37	25.15	25.19	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				112		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	84135.74	84408.73	83242.25	83928.91	0.73	ppb
Iron	57-2	83331.07	84533.73	82700.01	83521.61	1.12	ppb
Iron	54-2	84474.55	85180.86	83801.03	84485.48	0.82	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:30:58	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.52	26.42	23.68	24.54	6.64	ppb
Lead	207-1	23.05	26.19	22.85	24.03	7.79	ppb
Lead	208-1	23.09	25.72	22.81	23.87	6.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	78405.57	78292.61	77951.11	78216.43	0.30	ppb
Manganese	55-2	27.64	27.05	27.24	27.31	1.11	ppb
Molybdenum	94-1	1418.49	1465.61	1437.18	1440.43	1.65	ppb
Molybdenum	95-1	1709.72	1744.24	1730.26	1728.07	1.00	ppb
Molybdenum	96-1	1641.59	1712.52	1700.27	1684.79	2.25	ppb
Molybdenum	97-1	1693.28	1756.68	1732.21	1727.39	1.85	ppb
Molybdenum	98-1	1702.46	1773.79	1708.13	1728.13	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.57	26.48	24.74	25.60	3.40	ppb
Phosphorus	31-2	95676.18	96780.11	95345.22	95933.83	0.78	ppb
Potassium	39-2	78782.91	79592.98	78360.06	78911.98	0.79	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	18.94	21.07	20.33	20.11	5.36	ppb
Selenium	77-2	7.27	12.06	18.06	12.46	43.37	ppb
Selenium	78-2	17.88	21.30	19.12	19.43	8.91	ppb
Silicon	28-1	4.73	5.51	5.85	5.36	10.68	ppb
Silver	107-1	18.06	17.71	17.87	17.88	0.96	ppb
Silver	109-1	17.87	17.63	17.86	17.79	0.75	ppb
Sodium	23-2	79105.62	79493.56	78955.36	79184.84	0.35	ppb
Strontium	86-1	31.86	33.62	33.69	33.06	3.14	ppb
Strontium	88-1	33.08	34.29	33.60	33.66	1.80	ppb
Sulfur	34-1	94517.07	96181.74	97361.72	96020.18	1.49	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	19.97	22.05	20.33	20.78	5.36	ppb
Thallium	205-1	19.38	21.35	19.26	20.00	5.86	ppb
Tin	118-1	0.16	0.14	0.13	0.15	10.74	ppb
Titanium	47-1	1794.28	1832.74	1830.33	1819.12	1.18	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:30:58	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	24.36	ppb
Vanadium	51-2	18.93	19.10	19.15	19.06	0.62	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	31.27	32.88	32.06	32.07	2.51	ppb
Zirconium	90-1	0.02	0.04	0.04	0.04	29.03	ppb
Zirconium	91-1	0.02	0.06	0.04	0.04	55.83	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:42:26	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41631.66	41638.02	41560.59	41610.09	0.10	ppb
Antimony	121-1	457.63	473.97	470.79	467.46	1.85	ppb
Arsenic	75-2	485.85	491.83	488.57	488.75	0.61	ppb
Barium	135-1	2290.00	2372.31	2335.77	2332.69	1.77	ppb
Barium	137-1	2399.57	2497.44	2435.66	2444.22	2.02	ppb
Beryllium	9-1	494.34	496.79	492.09	494.41	0.48	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	468.82	465.40	463.98	466.07	0.53	ppb
Cadmium	106-1	467.71	474.69	468.82	470.41	0.80	ppb
Cadmium	111-1	459.39	472.36	475.60	469.12	1.83	ppb
Calcium	43-1	242191.44	250084.09	248806.31	247027.28	1.71	ppb
Calcium	44-1	241277.03	247372.38	245618.31	244755.91	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.61	488.20	490.85	490.55	0.45	ppb
Cobalt	59-2	487.49	482.15	487.65	485.76	0.64	ppb
Copper	63-2	5091.10	4966.50	5048.61	5035.40	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	107285.17	106079.86	106985.86	106783.63	0.59	ppb
Iron	57-2	106553.93	105885.72	107410.32	106616.66	0.72	ppb
Iron	54-2	108060.87	107584.37	106337.96	107327.74	0.83	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:42:26	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2671.28	2660.58	2696.52	2676.13	0.69	ppb
Lead	207-1	2694.35	2714.94	2727.42	2712.24	0.62	ppb
Lead	208-1	2672.91	2670.79	2698.08	2680.59	0.57	ppb
Lithium	6-1				98		%
Magnesium	24-2	214169.47	209994.57	211115.36	211759.80	1.02	ppb
Manganese	55-2	4968.32	4914.79	4937.71	4940.27	0.54	ppb
Molybdenum	94-1	4933.27	4984.73	4922.94	4946.98	0.67	ppb
Molybdenum	95-1	4930.91	4989.51	4960.98	4960.46	0.59	ppb
Molybdenum	96-1	4878.21	4881.45	4891.09	4883.58	0.14	ppb
Molybdenum	97-1	4889.98	4999.97	4996.82	4962.26	1.26	ppb
Molybdenum	98-1	4837.70	4961.53	4983.19	4927.47	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.94	478.35	481.94	481.41	0.59	ppb
Phosphorus	31-2	9888.26	9915.81	9594.75	9799.61	1.82	ppb
Potassium	39-2	103403.04	102463.99	103114.65	102993.90	0.47	ppb
Rhodium	103-1				90		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				102		%
Selenium	82-1	474.45	483.69	482.69	480.28	1.06	ppb
Selenium	77-2	456.49	516.02	492.81	488.44	6.14	ppb
Selenium	78-2	475.76	476.75	489.35	480.62	1.58	ppb
Silicon	28-1	736.40	768.12	762.47	755.67	2.24	ppb
Silver	107-1	452.27	468.86	465.27	462.14	1.89	ppb
Silver	109-1	455.50	467.01	462.43	461.65	1.26	ppb
Sodium	23-2	205468.92	203758.22	204655.65	204627.60	0.42	ppb
Strontium	86-1	12371.17	12356.03	12286.48	12337.89	0.37	ppb
Strontium	88-1	12288.34	12226.74	12361.28	12292.12	0.55	ppb
Sulfur	34-1	9133.53	9820.16	9520.72	9491.47	3.63	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	491.47	492.82	495.57	493.29	0.42	ppb
Thallium	205-1	538.86	534.98	540.20	538.01	0.50	ppb
Tin	118-1	460.25	474.13	469.35	467.91	1.51	ppb
Titanium	47-1	5035.30	5147.28	5087.99	5090.19	1.10	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:42:26	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	548.71	561.14	552.84	554.23	1.14	ppb
Vanadium	51-2	496.74	493.36	494.72	494.94	0.34	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	5072.13	5025.32	5073.94	5057.13	0.55	ppb
Zirconium	90-1	491.41	495.57	497.31	494.76	0.61	ppb
Zirconium	91-1	489.11	496.30	498.55	494.65	1.00	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:46:21	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	1.03	1.31	1.10	16.82	ppb
Antimony	121-1	0.23	0.24	0.29	0.25	11.94	ppb
Arsenic	75-2	-0.02	-0.02	0.09	0.01	515.39	ppb
Barium	135-1	0.13	0.04	0.12	0.10	53.94	ppb
Barium	137-1	0.00	0.06	-0.01	0.01	285.28	ppb
Beryllium	9-1	0.22	0.10	0.19	0.17	36.72	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.09	-0.09	0.06	233.53	ppb
Cadmium	106-1	-1.97	-3.37	-4.06	-3.13		ppb
Cadmium	111-1	-0.10	-0.19	-0.25	-0.18		ppb
Calcium	43-1	-3.16	-7.98	2.07	-3.02		ppb
Calcium	44-1	-25.25	-26.88	-24.37	-25.50		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.05	0.04	0.05	29.26	ppb
Cobalt	59-2	-0.01	0.00	0.02	0.00	605.94	ppb
Copper	63-2	-0.19	-0.09	-0.33	-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				104		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	2.62	3.13	3.70	3.15	17.13	ppb
Iron	57-2	-4.81	0.37	-3.55	-2.66		ppb
Iron	54-2	2.06	4.40	0.70	2.39	78.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:46:21	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.14	0.14	0.13	13.95	ppb
Lead	207-1	0.14	0.09	0.13	0.12	20.93	ppb
Lead	208-1	0.12	0.12	0.13	0.13	5.68	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.27	6.95	4.99	5.74	18.44	ppb
Manganese	55-2	0.23	0.25	0.25	0.24	4.73	ppb
Molybdenum	94-1	0.34	0.32	0.31	0.32	5.68	ppb
Molybdenum	95-1	0.22	0.21	0.20	0.21	4.29	ppb
Molybdenum	96-1	0.23	0.24	0.25	0.24	3.68	ppb
Molybdenum	97-1	0.23	0.32	0.21	0.25	22.60	ppb
Molybdenum	98-1	0.23	0.23	0.21	0.22	4.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.01	-0.16	-0.07		ppb
Phosphorus	31-2	-6.88	-11.64	-4.71	-7.74		ppb
Potassium	39-2	-21.39	-19.47	-20.64	-20.50		ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	-1.39	0.37	0.46	-0.19		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.75	-0.37	1.14	0.51	155.12	ppb
Silicon	28-1	-2.55	-2.69	-2.20	-2.48		ppb
Silver	107-1	0.04	0.04	0.03	0.04	17.16	ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.62	ppb
Sodium	23-2	28.16	31.96	27.30	29.14	8.50	ppb
Strontium	86-1	0.31	0.20	0.29	0.27	21.48	ppb
Strontium	88-1	0.33	0.27	0.26	0.29	13.56	ppb
Sulfur	34-1	-273.14	7.31	52.92	-70.97		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.04	0.05	0.04	16.57	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	4.66	ppb
Tin	118-1	0.06	0.06	0.10	0.07	31.90	ppb
Titanium	47-1	0.10	0.13	0.28	0.17	56.98	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:46:21	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	15.80	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	146.43	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	0.48	1.00	1.16	0.88	40.75	ppb
Zirconium	90-1	0.07	0.11	0.09	0.09	21.37	ppb
Zirconium	91-1	0.13	0.09	0.10	0.11	16.44	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BL	Instrumnet Name :	P7
Client Sample ID :	PBS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:25:40	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	-0.63	-0.63	-0.30		ppb
Antimony	121-1	0.02	0.02	0.03	0.02	14.03	ppb
Arsenic	75-2	-0.06	-0.06	-0.06	-0.06		ppb
Barium	135-1	-0.07	-0.09	-0.08	-0.08		ppb
Barium	137-1	-0.10	-0.08	-0.09	-0.09		ppb
Beryllium	9-1	-0.08	-0.09	-0.05	-0.07		ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	0.10	0.03	158.44	ppb
Cadmium	106-1	-3.46	-5.75	-3.58	-4.26		ppb
Cadmium	111-1	-0.26	-0.41	-0.26	-0.31		ppb
Calcium	43-1	-7.88	-11.51	-7.85	-9.08		ppb
Calcium	44-1	-36.14	-34.82	-33.65	-34.87		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.04	0.04	0.02	125.35	ppb
Cobalt	59-2	-0.03	0.01	-0.03	-0.01		ppb
Copper	63-2	-0.32	-0.49	-0.43	-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				98		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	-1.40	-0.89	-0.78	-1.02		ppb
Iron	57-2	-3.26	-10.15	-4.12	-5.84		ppb
Iron	54-2	-1.34	-2.00	-2.55	-1.96		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BL	Instrumnet Name :	P7
Client Sample ID :	PBS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:25:40	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.03	0.02	35.23	ppb
Lead	207-1	0.03	0.05	0.04	0.04	27.57	ppb
Lead	208-1	0.02	0.03	0.03	0.03	16.49	ppb
Lithium	6-1				91		%
Magnesium	24-2	2.63	-0.32	0.58	0.96	156.98	ppb
Manganese	55-2	0.20	0.06	-0.02	0.08	132.25	ppb
Molybdenum	94-1	-0.01	0.05	0.08	0.04	116.91	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.02	57.15	ppb
Molybdenum	96-1	0.01	0.03	0.03	0.02	44.76	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	44.10	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	18.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.23	-0.25	-0.25		ppb
Phosphorus	31-2	-20.20	-14.52	-12.67	-15.79		ppb
Potassium	39-2	-20.98	-29.70	-19.79	-23.49		ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	82-1	-0.27	-1.00	-1.36	-0.88		ppb
Selenium	77-2	1.35	0.00	1.35	0.90	86.60	ppb
Selenium	78-2	-2.37	-3.14	-1.95	-2.49		ppb
Silicon	28-1	-2.02	-2.77	-2.50	-2.43		ppb
Silver	107-1	0.01	0.01	0.00	0.00	59.32	ppb
Silver	109-1	0.01	0.00	0.00	0.00	83.02	ppb
Sodium	23-2	6.44	6.27	6.67	6.46	3.07	ppb
Strontium	86-1	0.01	0.02	0.00	0.01	156.93	ppb
Strontium	88-1	0.00	0.01	0.02	0.01	92.13	ppb
Sulfur	34-1	347.18	395.98	192.48	311.88	34.06	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.02	-0.06	0.00	-0.02		ppb
Titanium	47-1	0.03	-0.05	-0.07	-0.03		ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BL	Instrumnet Name :	P7
Client Sample ID :	PBS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:25:40	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	184.63	ppb
Vanadium	51-2	0.02	0.00	-0.01	0.00	317.49	ppb
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	0.80	0.44	0.79	0.68	30.86	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	35.93	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	10.56	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BS	Instrumnet Name :	P7
Client Sample ID :	LCS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:29:05	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.32	36.14	37.53	36.33	3.07	ppb
Antimony	121-1	4.01	3.96	4.06	4.01	1.18	ppb
Arsenic	75-2	2.87	2.14	2.19	2.40	16.97	ppb
Barium	135-1	19.37	18.47	19.24	19.03	2.54	ppb
Barium	137-1	19.39	18.61	19.27	19.09	2.20	ppb
Beryllium	9-1	2.05	2.08	1.92	2.01	4.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.77	2.37	3.20	2.78	14.78	ppb
Cadmium	106-1	-1.76	0.13	-0.03	-0.56		ppb
Cadmium	111-1	2.09	2.17	2.11	2.12	2.05	ppb
Calcium	43-1	982.32	1025.83	1020.57	1009.57	2.35	ppb
Calcium	44-1	1011.16	1003.26	1003.37	1005.93	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.02	4.64	4.82	4.83	3.96	ppb
Cobalt	59-2	2.29	2.17	2.14	2.20	3.64	ppb
Copper	63-2	4.00	4.40	4.17	4.19	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				100		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	396.03	393.90	395.74	395.22	0.29	ppb
Iron	57-2	404.18	397.99	404.62	402.26	0.92	ppb
Iron	54-2	395.51	394.24	401.49	397.08	0.98	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BS	Instrumnet Name :	P7
Client Sample ID :	LCS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:29:05	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.00	1.89	2.16	2.02	6.84	ppb
Lead	207-1	2.10	1.91	2.05	2.02	5.02	ppb
Lead	208-1	2.05	1.83	2.10	1.99	7.15	ppb
Lithium	6-1				92		%
Magnesium	24-2	957.41	954.97	961.70	958.02	0.36	ppb
Manganese	55-2	2.54	2.02	2.58	2.38	13.02	ppb
Molybdenum	94-1	11.59	11.34	11.93	11.62	2.54	ppb
Molybdenum	95-1	9.06	9.04	9.54	9.21	3.11	ppb
Molybdenum	96-1	9.69	9.63	9.85	9.73	1.18	ppb
Molybdenum	97-1	9.22	9.72	9.54	9.49	2.70	ppb
Molybdenum	98-1	9.33	9.40	9.69	9.47	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.03	1.88	2.01	6.01	ppb
Phosphorus	31-2	-7.07	-12.72	-10.41	-10.06		ppb
Potassium	39-2	898.88	893.71	909.05	900.54	0.87	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	10.40	10.01	11.24	10.55	5.96	ppb
Selenium	77-2	21.53	6.72	6.74	11.66	73.27	ppb
Selenium	78-2	6.69	11.00	16.61	11.43	43.53	ppb
Silicon	28-1	2.73	2.70	2.80	2.74	1.96	ppb
Silver	107-1	2.04	1.94	2.07	2.02	3.22	ppb
Silver	109-1	1.85	1.91	1.95	1.91	2.74	ppb
Sodium	23-2	899.24	895.31	924.94	906.50	1.78	ppb
Strontium	86-1	2.13	1.88	2.18	2.06	7.69	ppb
Strontium	88-1	2.06	2.01	2.11	2.06	2.57	ppb
Sulfur	34-1	314.92	364.22	216.86	298.67	25.11	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	2.05	1.74	1.94	1.91	8.14	ppb
Thallium	205-1	2.02	1.74	1.90	1.89	7.32	ppb
Tin	118-1	-0.01	0.00	-0.01	0.00		ppb
Titanium	47-1	9.77	9.59	9.02	9.46	4.14	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BS	Instrumnet Name :	P7
Client Sample ID :	LCS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:29:05	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.93	1.69	1.89	1.84	6.91	ppb
Vanadium	51-2	10.90	11.13	11.08	11.03	1.10	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	12.41	11.95	11.43	11.93	4.11	ppb
Zirconium	90-1	2.06	2.10	2.16	2.11	2.49	ppb
Zirconium	91-1	2.13	2.25	2.01	2.13	5.52	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:32:31	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.18	20.16	16.01	17.78	12.02	ppb
Antimony	121-1	2.03	2.02	2.02	2.02	0.39	ppb
Arsenic	75-2	0.85	1.28	1.04	1.06	20.39	ppb
Barium	135-1	9.31	9.21	9.36	9.29	0.81	ppb
Barium	137-1	9.48	9.86	9.50	9.61	2.19	ppb
Beryllium	9-1	0.95	1.13	0.90	0.99	11.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.25	1.55	1.08	1.29	18.31	ppb
Cadmium	106-1	-0.46	1.48	-1.39	-0.12		ppb
Cadmium	111-1	1.23	1.20	1.15	1.20	3.29	ppb
Calcium	43-1	506.81	492.27	491.08	496.72	1.76	ppb
Calcium	44-1	495.01	489.34	497.03	493.79	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.59	2.28	2.32	2.40	6.85	ppb
Cobalt	59-2	1.18	1.21	1.14	1.18	3.20	ppb
Copper	63-2	1.78	1.66	2.05	1.83	11.06	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				99		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	190.87	193.03	197.00	193.63	1.60	ppb
Iron	57-2	197.16	207.97	187.25	197.46	5.25	ppb
Iron	54-2	190.85	196.24	198.30	195.13	1.97	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:32:31	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.03	1.06	1.01	1.03	2.18	ppb
Lead	207-1	1.03	1.07	1.08	1.06	2.54	ppb
Lead	208-1	0.99	1.02	1.04	1.02	2.39	ppb
Lithium	6-1				92		%
Magnesium	24-2	473.21	468.40	486.71	476.10	1.99	ppb
Manganese	55-2	1.28	1.06	1.78	1.37	27.14	ppb
Molybdenum	94-1	5.66	5.80	5.71	5.73	1.25	ppb
Molybdenum	95-1	4.76	4.84	4.58	4.73	2.83	ppb
Molybdenum	96-1	4.79	4.77	4.88	4.81	1.25	ppb
Molybdenum	97-1	4.71	4.60	4.86	4.72	2.76	ppb
Molybdenum	98-1	4.84	4.78	4.73	4.78	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.84	1.00	0.90	9.67	ppb
Phosphorus	31-2	-24.22	-16.57	-4.69	-15.16		ppb
Potassium	39-2	438.56	434.58	438.75	437.30	0.54	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	3.98	6.42	4.37	4.93	26.65	ppb
Selenium	77-2	6.70	4.06	6.73	5.83	26.28	ppb
Selenium	78-2	5.84	5.59	3.91	5.11	20.52	ppb
Silicon	28-1	-0.28	-0.19	0.25	-0.07		ppb
Silver	107-1	1.00	1.04	1.02	1.02	1.83	ppb
Silver	109-1	0.99	1.02	1.06	1.02	3.28	ppb
Sodium	23-2	454.51	447.81	453.60	451.98	0.80	ppb
Strontium	86-1	1.02	1.16	1.16	1.12	7.32	ppb
Strontium	88-1	1.04	1.06	1.05	1.05	0.75	ppb
Sulfur	34-1	654.83	466.16	463.02	528.00	20.80	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	1.01	1.01	0.98	1.00	1.66	ppb
Thallium	205-1	0.96	0.99	0.98	0.97	1.62	ppb
Tin	118-1	-0.05	0.02	-0.04	-0.02		ppb
Titanium	47-1	4.66	4.45	5.03	4.71	6.22	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:32:31	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.94	0.94	0.95	2.09	ppb
Vanadium	51-2	5.01	5.12	5.14	5.09	1.38	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	6.26	6.74	7.83	6.94	11.59	ppb
Zirconium	90-1	1.05	1.13	1.04	1.07	4.65	ppb
Zirconium	91-1	1.15	1.08	1.07	1.10	4.12	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BL	Instrumnet Name :	P7
Client Sample ID :	PBS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:36:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	-0.38	-0.39	-0.41		ppb
Antimony	121-1	-0.01	0.00	0.00	-0.01		ppb
Arsenic	75-2	0.02	-0.02	0.05	0.02	241.87	ppb
Barium	135-1	-0.05	-0.13	-0.08	-0.08		ppb
Barium	137-1	-0.10	-0.08	-0.08	-0.09		ppb
Beryllium	9-1	-0.10	-0.02	-0.07	-0.06		ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	0.18	0.06	166.42	ppb
Cadmium	106-1	-2.82	-1.60	-1.83	-2.08		ppb
Cadmium	111-1	-0.19	-0.12	-0.14	-0.15		ppb
Calcium	43-1	-13.62	-8.70	-6.38	-9.57		ppb
Calcium	44-1	-36.79	-35.60	-36.83	-36.40		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.08	0.04	-0.01		ppb
Cobalt	59-2	-0.03	-0.04	0.01	-0.02		ppb
Copper	63-2	-0.54	-0.58	-0.43	-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				99		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	-2.79	-2.13	-2.14	-2.35		ppb
Iron	57-2	-2.19	-1.72	-5.88	-3.26		ppb
Iron	54-2	-3.96	-5.16	-2.85	-3.99		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BL	Instrumnet Name :	P7
Client Sample ID :	PBS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:36:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.04	0.02	0.02	48.62	ppb
Lead	207-1	0.03	0.04	0.01	0.03	62.91	ppb
Lead	208-1	0.03	0.03	0.02	0.03	23.12	ppb
Lithium	6-1				92		%
Magnesium	24-2	-1.48	-0.79	0.47	-0.60		ppb
Manganese	55-2	0.04	-0.14	-0.02	-0.04		ppb
Molybdenum	94-1	0.01	0.04	0.02	0.02	66.31	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	1424.51	ppb
Molybdenum	96-1	0.00	0.00	0.02	0.01	110.04	ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.01	0.00	208.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.27	-0.11	-0.32	-0.24		ppb
Phosphorus	31-2	-16.38	-4.87	-18.39	-13.21		ppb
Potassium	39-2	-26.17	-27.21	-27.21	-26.86		ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	82-1	-0.04	-0.26	-0.02	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.57	-2.31	-1.12	-1.67		ppb
Silicon	28-1	-2.69	-2.79	-2.53	-2.67		ppb
Silver	107-1	0.00	0.01	0.00	0.00	66.16	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.26	ppb
Sodium	23-2	5.40	3.18	5.03	4.54	26.16	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	242.10	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	195.04	160.08	412.63	255.92	53.47	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.02	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.04	-0.04	-0.02	-0.03		ppb
Titanium	47-1	-0.04	-0.08	-0.05	-0.06		ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BL	Instrumnet Name :	P7
Client Sample ID :	PBS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:36:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	11044.90	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	0.26	0.41	0.46	0.38	27.58	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	147.99	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	56.84	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BS	Instrumnet Name :	P7
Client Sample ID :	LCS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:39:45	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.56	34.36	34.45	35.12	3.55	ppb
Antimony	121-1	3.90	4.04	4.10	4.01	2.55	ppb
Arsenic	75-2	1.79	2.49	1.90	2.06	18.25	ppb
Barium	135-1	19.80	19.44	19.40	19.55	1.12	ppb
Barium	137-1	18.87	19.08	19.76	19.23	2.43	ppb
Beryllium	9-1	2.01	2.16	2.15	2.11	3.86	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.99	2.78	2.80	2.52	18.38	ppb
Cadmium	106-1	-0.41	-0.30	0.28	-0.14		ppb
Cadmium	111-1	2.27	2.27	2.41	2.31	3.42	ppb
Calcium	43-1	1034.50	1029.85	1055.34	1039.90	1.31	ppb
Calcium	44-1	1020.89	1016.91	1031.42	1023.07	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.26	4.76	4.59	4.87	7.15	ppb
Cobalt	59-2	2.15	2.19	2.23	2.19	1.77	ppb
Copper	63-2	3.82	4.17	3.87	3.95	4.81	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				98		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	391.07	396.95	389.86	392.63	0.97	ppb
Iron	57-2	383.26	394.16	387.24	388.22	1.42	ppb
Iron	54-2	392.08	398.11	404.18	398.13	1.52	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BS	Instrumnet Name :	P7
Client Sample ID :	LCS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:39:45	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.31	2.04	2.08	2.15	6.65	ppb
Lead	207-1	2.03	2.12	2.06	2.07	2.06	ppb
Lead	208-1	2.08	2.08	1.99	2.05	2.33	ppb
Lithium	6-1				92		%
Magnesium	24-2	942.44	968.27	954.86	955.19	1.35	ppb
Manganese	55-2	2.19	2.44	2.21	2.28	6.03	ppb
Molybdenum	94-1	11.18	11.44	11.26	11.29	1.17	ppb
Molybdenum	95-1	9.71	9.81	9.18	9.56	3.56	ppb
Molybdenum	96-1	9.99	9.91	9.93	9.94	0.43	ppb
Molybdenum	97-1	9.53	9.45	9.55	9.51	0.59	ppb
Molybdenum	98-1	9.54	9.75	9.62	9.64	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.96	2.39	2.06	2.14	10.47	ppb
Phosphorus	31-2	-22.55	-26.05	-5.53	-18.04		ppb
Potassium	39-2	904.19	907.73	894.43	902.11	0.76	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	82-1	11.98	11.84	9.72	11.18	11.29	ppb
Selenium	77-2	12.02	9.43	13.35	11.60	17.22	ppb
Selenium	78-2	16.37	16.58	6.17	13.04	45.64	ppb
Silicon	28-1	2.80	3.40	3.39	3.20	10.73	ppb
Silver	107-1	2.01	2.02	2.00	2.01	0.44	ppb
Silver	109-1	1.88	2.04	2.01	1.98	4.29	ppb
Sodium	23-2	894.25	903.47	899.35	899.02	0.51	ppb
Strontium	86-1	1.95	2.34	2.15	2.15	8.99	ppb
Strontium	88-1	2.11	2.10	2.13	2.11	0.69	ppb
Sulfur	34-1	92.08	117.62	183.94	131.22	36.13	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	1.98	1.97	2.00	1.98	0.84	ppb
Thallium	205-1	1.87	1.97	1.94	1.93	2.76	ppb
Tin	118-1	-0.04	0.01	0.02	0.00		ppb
Titanium	47-1	9.18	9.22	10.11	9.51	5.48	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BS	Instrumnet Name :	P7
Client Sample ID :	LCS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:39:45	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.91	1.93	1.92	1.92	0.37	ppb
Vanadium	51-2	10.05	10.75	10.92	10.57	4.36	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%
Zinc	66-2	11.87	11.26	12.76	11.96	6.32	ppb
Zirconium	90-1	2.09	2.17	2.08	2.11	2.29	ppb
Zirconium	91-1	2.23	2.18	2.14	2.18	2.10	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:43:11	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.50	19.87	16.00	17.79	10.96	ppb
Antimony	121-1	2.08	2.17	2.14	2.13	2.06	ppb
Arsenic	75-2	1.15	1.22	0.99	1.12	10.55	ppb
Barium	135-1	9.48	9.55	10.10	9.71	3.51	ppb
Barium	137-1	9.87	9.45	9.47	9.60	2.46	ppb
Beryllium	9-1	0.99	1.09	1.01	1.03	5.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.70	1.69	1.46	28.05	ppb
Cadmium	106-1	-1.73	-0.33	-2.06	-1.37		ppb
Cadmium	111-1	1.28	1.08	1.16	1.17	8.42	ppb
Calcium	43-1	525.72	524.67	498.24	516.21	3.02	ppb
Calcium	44-1	497.66	502.60	498.60	499.62	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.53	2.56	2.22	2.44	7.67	ppb
Cobalt	59-2	1.22	1.14	1.03	1.13	8.38	ppb
Copper	63-2	1.73	1.71	1.95	1.80	7.38	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				100		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	199.35	199.76	198.21	199.11	0.40	ppb
Iron	57-2	188.46	199.20	197.12	194.93	2.92	ppb
Iron	54-2	196.02	203.43	197.27	198.91	2.00	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:43:11	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.01	0.94	1.02	0.99	4.26	ppb
Lead	207-1	1.05	1.05	1.14	1.08	4.78	ppb
Lead	208-1	1.03	1.05	1.07	1.05	2.29	ppb
Lithium	6-1				93		%
Magnesium	24-2	478.60	481.87	481.53	480.66	0.37	ppb
Manganese	55-2	1.58	1.37	1.07	1.34	18.80	ppb
Molybdenum	94-1	5.52	5.71	5.93	5.72	3.60	ppb
Molybdenum	95-1	4.91	4.71	5.05	4.89	3.49	ppb
Molybdenum	96-1	4.97	4.89	4.93	4.93	0.80	ppb
Molybdenum	97-1	4.53	4.88	4.89	4.77	4.28	ppb
Molybdenum	98-1	4.87	4.81	4.78	4.82	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	1.12	1.15	1.04	16.41	ppb
Phosphorus	31-2	-22.19	-5.37	-16.69	-14.75		ppb
Potassium	39-2	441.78	439.86	447.91	443.18	0.95	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	82-1	4.74	6.70	4.68	5.37	21.37	ppb
Selenium	77-2	6.67	9.35	5.31	7.11	28.85	ppb
Selenium	78-2	4.59	5.77	3.75	4.70	21.65	ppb
Silicon	28-1	0.51	-0.01	0.19	0.23	113.26	ppb
Silver	107-1	1.00	1.10	0.99	1.03	5.75	ppb
Silver	109-1	1.05	1.02	1.02	1.03	1.70	ppb
Sodium	23-2	458.33	448.25	452.76	453.11	1.11	ppb
Strontium	86-1	1.06	0.94	1.13	1.04	9.06	ppb
Strontium	88-1	1.05	1.06	1.11	1.07	3.15	ppb
Sulfur	34-1	201.79	112.63	96.51	136.98	41.40	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.94	1.03	1.01	0.99	4.55	ppb
Thallium	205-1	0.97	0.98	1.00	0.98	1.46	ppb
Tin	118-1	0.02	-0.01	-0.01	0.00		ppb
Titanium	47-1	4.82	5.23	5.00	5.02	4.12	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:43:11	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	1.01	0.97	0.97	3.11	ppb
Vanadium	51-2	5.50	5.42	5.28	5.40	2.06	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	6.00	5.77	7.64	6.47	15.79	ppb
Zirconium	90-1	1.06	1.09	1.17	1.11	5.06	ppb
Zirconium	91-1	1.17	1.00	1.02	1.06	8.67	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:46:38	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	-0.07	-0.32	-0.07		ppb
Antimony	121-1	-0.01	0.00	0.00	0.00		ppb
Arsenic	75-2	0.01	0.01	-0.06	-0.01		ppb
Barium	135-1	-0.09	-0.12	-0.08	-0.10		ppb
Barium	137-1	-0.09	-0.10	-0.10	-0.10		ppb
Beryllium	9-1	0.03	-0.06	-0.02	-0.02		ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.09	-0.09	-0.06		ppb
Cadmium	106-1	-2.58	-1.72	-3.95	-2.75		ppb
Cadmium	111-1	-0.19	-0.12	-0.29	-0.20		ppb
Calcium	43-1	-7.03	-12.42	-13.30	-10.92		ppb
Calcium	44-1	-38.16	-38.11	-36.99	-37.75		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	-0.03	0.01	313.39	ppb
Cobalt	59-2	0.01	-0.01	0.01	0.01	166.52	ppb
Copper	63-2	-0.50	-0.66	-0.57	-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				100		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	-1.83	-2.22	-2.41	-2.15		ppb
Iron	57-2	-11.55	-9.58	-2.20	-7.78		ppb
Iron	54-2	-2.92	-4.38	-3.66	-3.65		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:46:38	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.05	0.06	0.05	33.39	ppb
Lead	207-1	0.03	-0.01	0.02	0.01	160.67	ppb
Lead	208-1	0.03	0.02	0.03	0.03	16.39	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.17	0.26	0.76	0.73	62.20	ppb
Manganese	55-2	-0.05	0.02	-0.02	-0.02		ppb
Molybdenum	94-1	-0.02	-0.01	0.04	0.00	906.29	ppb
Molybdenum	95-1	-0.01	-0.02	0.01	0.00		ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	75.19	ppb
Molybdenum	97-1	0.00	0.02	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.15	-0.27	-0.23		ppb
Phosphorus	31-2	-9.28	-7.36	-12.97	-9.87		ppb
Potassium	39-2	-28.77	-26.19	-25.50	-26.82		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	82-1	-0.39	-0.59	0.26	-0.24		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	4.12	0.60	-0.98	1.25	208.89	ppb
Silicon	28-1	-3.45	-2.91	-3.25	-3.20		ppb
Silver	107-1	0.01	0.01	0.02	0.01	51.59	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.91	ppb
Sodium	23-2	5.27	3.14	5.33	4.58	27.22	ppb
Strontium	86-1	-0.04	-0.04	-0.02	-0.03		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	129.99	321.63	329.79	260.47	43.41	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	-0.03	-0.04	-0.04		ppb
Titanium	47-1	-0.11	-0.01	0.10	-0.01		ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:46:38	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	2107.70	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	1.14	0.16	0.58	0.63	77.76	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.04	0.01	0.02	0.02	60.26	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:53:31	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.57	34.05	35.61	35.74	4.94	ppb
Antimony	121-1	4.00	4.09	4.12	4.07	1.53	ppb
Arsenic	75-2	2.54	2.26	2.55	2.45	6.71	ppb
Barium	135-1	19.00	19.25	18.96	19.07	0.81	ppb
Barium	137-1	19.50	19.86	18.67	19.34	3.18	ppb
Beryllium	9-1	2.05	1.87	1.99	1.97	4.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	3.37	1.24	2.30	46.32	ppb
Cadmium	106-1	-0.39	-0.32	1.20	0.16	558.45	ppb
Cadmium	111-1	2.33	2.09	2.54	2.32	9.68	ppb
Calcium	43-1	1049.61	1058.79	1064.53	1057.64	0.71	ppb
Calcium	44-1	1013.61	1020.24	1014.14	1016.00	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.72	4.81	4.63	4.72	1.90	ppb
Cobalt	59-2	2.04	2.21	2.04	2.10	4.64	ppb
Copper	63-2	3.39	3.98	3.91	3.76	8.58	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				101		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	396.86	399.43	394.02	396.77	0.68	ppb
Iron	57-2	393.55	366.88	405.59	388.67	5.10	ppb
Iron	54-2	404.42	398.37	385.96	396.25	2.38	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:53:31	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.75	2.04	1.98	1.92	7.84	ppb
Lead	207-1	1.81	2.11	1.92	1.95	7.62	ppb
Lead	208-1	1.81	2.03	1.97	1.94	5.86	ppb
Lithium	6-1				94		%
Magnesium	24-2	925.87	957.93	943.16	942.32	1.70	ppb
Manganese	55-2	2.11	2.42	1.93	2.15	11.42	ppb
Molybdenum	94-1	11.53	11.43	11.83	11.60	1.82	ppb
Molybdenum	95-1	9.55	9.65	9.79	9.66	1.26	ppb
Molybdenum	96-1	9.55	10.02	9.95	9.84	2.63	ppb
Molybdenum	97-1	9.51	9.07	9.58	9.38	2.95	ppb
Molybdenum	98-1	9.26	9.51	9.86	9.55	3.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.89	2.28	2.02	2.06	9.85	ppb
Phosphorus	31-2	-22.58	-7.03	-26.17	-18.59		ppb
Potassium	39-2	890.81	921.92	903.67	905.47	1.73	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	11.39	10.61	12.22	11.41	7.05	ppb
Selenium	77-2	14.49	13.25	12.04	13.26	9.22	ppb
Selenium	78-2	7.89	14.22	11.31	11.14	28.48	ppb
Silicon	28-1	2.46	2.41	3.01	2.63	12.80	ppb
Silver	107-1	2.10	2.02	2.02	2.05	2.32	ppb
Silver	109-1	2.07	2.06	2.11	2.08	1.39	ppb
Sodium	23-2	875.35	908.99	900.32	894.89	1.95	ppb
Strontium	86-1	1.99	2.16	2.18	2.11	5.11	ppb
Strontium	88-1	2.03	2.12	2.16	2.11	3.10	ppb
Sulfur	34-1	315.89	444.54	759.80	506.74	45.07	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	1.73	2.10	1.94	1.92	9.69	ppb
Thallium	205-1	1.74	1.93	1.91	1.86	5.58	ppb
Tin	118-1	0.02	0.01	-0.03	0.00		ppb
Titanium	47-1	9.33	9.66	9.54	9.51	1.80	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:53:31	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.67	1.94	1.93	1.85	8.16	ppb
Vanadium	51-2	10.26	10.38	10.52	10.39	1.23	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	13.31	12.31	12.15	12.59	5.03	ppb
Zirconium	90-1	2.05	2.14	2.24	2.14	4.50	ppb
Zirconium	91-1	2.00	2.23	2.20	2.14	5.77	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:07:19	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.13	17.55	15.19	16.29	7.28	ppb
Antimony	121-1	1.81	1.76	1.82	1.80	1.92	ppb
Arsenic	75-2	0.83	0.94	0.83	0.87	7.51	ppb
Barium	135-1	8.81	8.43	8.28	8.51	3.21	ppb
Barium	137-1	8.58	8.65	8.71	8.65	0.74	ppb
Beryllium	9-1	0.89	0.91	0.99	0.93	5.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.78	1.22	0.96	0.99	22.59	ppb
Cadmium	106-1	-2.29	-0.27	-0.79	-1.12		ppb
Cadmium	111-1	0.93	1.07	1.00	1.00	6.68	ppb
Calcium	43-1	469.77	457.54	457.34	461.55	1.54	ppb
Calcium	44-1	443.26	456.67	443.85	447.93	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.24	2.08	2.16	2.16	3.82	ppb
Cobalt	59-2	0.96	1.03	1.06	1.02	5.11	ppb
Copper	63-2	1.64	1.28	1.61	1.51	13.35	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				102		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	178.50	175.72	177.28	177.17	0.79	ppb
Iron	57-2	170.19	175.56	167.51	171.09	2.40	ppb
Iron	54-2	184.50	171.68	174.05	176.74	3.86	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:07:19	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.77	1.03	0.91	0.90	14.48	ppb
Lead	207-1	0.83	0.87	1.01	0.90	10.85	ppb
Lead	208-1	0.81	0.94	0.97	0.91	9.26	ppb
Lithium	6-1				96		%
Magnesium	24-2	433.67	424.11	432.27	430.02	1.20	ppb
Manganese	55-2	1.15	1.22	0.96	1.11	12.25	ppb
Molybdenum	94-1	5.11	5.18	5.34	5.21	2.27	ppb
Molybdenum	95-1	4.34	4.28	4.24	4.28	1.17	ppb
Molybdenum	96-1	4.52	4.44	4.48	4.48	0.85	ppb
Molybdenum	97-1	4.27	4.53	4.39	4.40	2.95	ppb
Molybdenum	98-1	4.28	4.52	4.40	4.40	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.88	0.83	0.83	5.84	ppb
Phosphorus	31-2	-20.59	-24.51	-5.66	-16.92		ppb
Potassium	39-2	402.45	389.92	391.05	394.47	1.76	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	4.05	4.65	3.26	3.99	17.49	ppb
Selenium	77-2	3.93	3.94	5.27	4.38	17.60	ppb
Selenium	78-2	-0.30	1.68	2.48	1.29	110.92	ppb
Silicon	28-1	-0.30	-0.72	-0.53	-0.52		ppb
Silver	107-1	0.91	0.91	0.94	0.92	2.10	ppb
Silver	109-1	0.88	0.82	0.88	0.86	3.91	ppb
Sodium	23-2	414.24	401.11	408.10	407.82	1.61	ppb
Strontium	86-1	0.99	0.88	0.96	0.95	5.95	ppb
Strontium	88-1	0.98	0.97	0.94	0.97	2.15	ppb
Sulfur	34-1	-61.00	165.52	234.75	113.09	136.78	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.82	0.88	0.92	0.87	5.59	ppb
Thallium	205-1	0.80	0.87	0.89	0.86	5.37	ppb
Tin	118-1	0.01	-0.03	0.01	-0.01		ppb
Titanium	47-1	4.16	4.17	4.33	4.22	2.35	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:07:19	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.86	0.87	0.83	6.58	ppb
Vanadium	51-2	4.78	4.60	4.42	4.60	3.97	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	8.23	6.77	6.65	7.22	12.19	ppb
Zirconium	90-1	0.96	0.91	0.94	0.94	3.07	ppb
Zirconium	91-1	1.04	1.02	0.93	1.00	5.55	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:10:43	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	-0.47	0.79	0.22	295.23	ppb
Antimony	121-1	-0.01	0.00	-0.01	0.00		ppb
Arsenic	75-2	-0.06	-0.06	-0.02	-0.05		ppb
Barium	135-1	-0.12	-0.15	-0.06	-0.11		ppb
Barium	137-1	-0.11	-0.11	-0.14	-0.12		ppb
Beryllium	9-1	-0.07	-0.06	-0.02	-0.05		ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	-0.09	-0.03		ppb
Cadmium	106-1	-1.23	-2.56	-1.83	-1.87		ppb
Cadmium	111-1	-0.09	-0.17	-0.13	-0.13		ppb
Calcium	43-1	-18.85	-5.69	-5.78	-10.11		ppb
Calcium	44-1	-40.16	-37.13	-39.92	-39.07		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.05	-0.03		ppb
Cobalt	59-2	-0.03	0.01	-0.04	-0.02		ppb
Copper	63-2	-0.45	-0.47	-0.53	-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				100		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	-2.42	-2.48	-2.32	-2.41		ppb
Iron	57-2	-9.26	-6.37	-4.01	-6.54		ppb
Iron	54-2	-5.81	-1.48	-1.08	-2.79		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:10:43	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.02	0.03	0.02	55.94	ppb
Lead	207-1	0.03	0.02	0.04	0.03	25.40	ppb
Lead	208-1	0.02	0.02	0.02	0.02	11.06	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.87	1.22	1.74	1.28	34.21	ppb
Manganese	55-2	-0.06	0.11	0.08	0.04	206.40	ppb
Molybdenum	94-1	0.02	-0.02	0.01	0.01	329.42	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	57.44	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	22.68	ppb
Molybdenum	97-1	0.03	-0.01	0.02	0.01	193.25	ppb
Molybdenum	98-1	0.01	0.02	0.00	0.01	86.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.19	-0.37	-0.27		ppb
Phosphorus	31-2	-13.09	-16.52	-1.12	-10.24		ppb
Potassium	39-2	-24.62	-23.33	-22.96	-23.64		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	82-1	-0.26	-0.41	0.70	0.01	5465.86	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.92	0.26	-0.91	-1.19		ppb
Silicon	28-1	-3.18	-2.83	-3.16	-3.06		ppb
Silver	107-1	0.01	0.01	0.01	0.01	44.46	ppb
Silver	109-1	0.01	0.01	0.01	0.01	37.79	ppb
Sodium	23-2	3.38	2.98	1.92	2.76	27.32	ppb
Strontium	86-1	-0.05	-0.02	0.01	-0.02		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	30.40	ppb
Sulfur	34-1	566.91	540.27	441.99	516.39	12.74	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.01	-0.01	-0.03	-0.02		ppb
Titanium	47-1	-0.04	-0.03	0.07	0.00	9110.99	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:10:43	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	58.63	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	1.22	1.38	1.10	1.23	11.61	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	133.02	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	87.87	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:14:10	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.75	33.87	28.73	30.78	8.85	ppb
Antimony	121-1	3.52	3.68	3.73	3.65	2.99	ppb
Arsenic	75-2	2.31	1.44	2.46	2.07	26.61	ppb
Barium	135-1	17.38	16.49	17.03	16.97	2.64	ppb
Barium	137-1	17.12	17.05	17.55	17.24	1.58	ppb
Beryllium	9-1	1.92	2.01	1.87	1.93	3.83	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	2.74	1.88	2.02	32.96	ppb
Cadmium	106-1	2.62	2.42	0.57	1.87	60.54	ppb
Cadmium	111-1	2.30	2.04	2.00	2.11	7.69	ppb
Calcium	43-1	931.87	917.30	956.42	935.20	2.11	ppb
Calcium	44-1	899.81	895.65	897.56	897.67	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.35	3.91	4.24	4.17	5.45	ppb
Cobalt	59-2	2.06	1.97	1.91	1.98	3.82	ppb
Copper	63-2	3.24	3.84	3.58	3.55	8.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	351.28	355.21	352.23	352.91	0.58	ppb
Iron	57-2	356.89	358.46	348.30	354.55	1.54	ppb
Iron	54-2	355.34	365.32	352.04	357.57	1.93	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:14:10	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.83	1.74	1.76	1.77	2.76	ppb
Lead	207-1	1.88	1.99	1.93	1.93	2.72	ppb
Lead	208-1	1.84	1.86	1.83	1.84	0.91	ppb
Lithium	6-1				95		%
Magnesium	24-2	841.41	849.22	849.39	846.68	0.54	ppb
Manganese	55-2	2.17	2.24	2.03	2.15	4.83	ppb
Molybdenum	94-1	10.09	10.89	10.63	10.54	3.85	ppb
Molybdenum	95-1	8.55	8.69	8.32	8.52	2.24	ppb
Molybdenum	96-1	8.48	8.54	8.35	8.46	1.17	ppb
Molybdenum	97-1	8.59	8.57	8.70	8.62	0.81	ppb
Molybdenum	98-1	8.61	8.60	8.47	8.56	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.71	1.53	1.68	1.64	5.76	ppb
Phosphorus	31-2	-5.82	-10.90	-7.30	-8.00		ppb
Potassium	39-2	810.62	805.09	799.17	804.96	0.71	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	82-1	9.84	9.73	10.20	9.92	2.44	ppb
Selenium	77-2	5.33	10.64	17.34	11.10	54.23	ppb
Selenium	78-2	9.26	9.62	3.41	7.43	46.89	ppb
Silicon	28-1	2.16	2.30	2.31	2.26	3.83	ppb
Silver	107-1	1.76	1.70	1.84	1.77	4.09	ppb
Silver	109-1	1.65	1.91	1.78	1.78	7.32	ppb
Sodium	23-2	794.36	798.25	806.18	799.60	0.75	ppb
Strontium	86-1	1.74	1.92	1.85	1.84	4.92	ppb
Strontium	88-1	1.87	1.92	1.94	1.91	1.78	ppb
Sulfur	34-1	604.30	384.03	520.98	503.11	22.11	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	1.64	1.78	1.77	1.73	4.78	ppb
Thallium	205-1	1.71	1.75	1.78	1.75	2.16	ppb
Tin	118-1	0.01	0.03	0.02	0.02	67.76	ppb
Titanium	47-1	8.83	8.35	8.28	8.49	3.53	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:14:10	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.73	1.72	1.77	1.74	1.54	ppb
Vanadium	51-2	9.32	9.08	9.16	9.19	1.29	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	12.17	10.90	10.91	11.33	6.42	ppb
Zirconium	90-1	1.88	1.96	1.93	1.92	1.95	ppb
Zirconium	91-1	1.71	1.56	1.90	1.72	9.80	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:17:34	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.25	18.48	16.15	17.63	7.29	ppb
Antimony	121-1	2.04	2.04	2.05	2.04	0.45	ppb
Arsenic	75-2	1.31	1.04	1.08	1.14	12.91	ppb
Barium	135-1	9.61	9.83	9.70	9.71	1.15	ppb
Barium	137-1	9.60	9.30	9.60	9.50	1.85	ppb
Beryllium	9-1	1.05	0.99	1.04	1.03	3.11	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.36	0.99	1.09	1.14	16.81	ppb
Cadmium	106-1	-0.64	-1.75	-0.93	-1.11		ppb
Cadmium	111-1	1.16	1.24	1.17	1.19	3.84	ppb
Calcium	43-1	538.95	522.59	541.53	534.36	1.92	ppb
Calcium	44-1	499.48	505.30	502.30	502.36	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.57	2.45	2.61	2.54	3.25	ppb
Cobalt	59-2	1.17	1.14	1.15	1.15	1.16	ppb
Copper	63-2	1.88	1.89	1.79	1.86	2.92	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				100		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	201.92	201.10	200.28	201.10	0.41	ppb
Iron	57-2	190.66	195.31	199.99	195.32	2.39	ppb
Iron	54-2	204.54	204.33	192.15	200.34	3.54	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:17:34	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.00	1.05	1.01	1.02	2.66	ppb
Lead	207-1	1.06	1.14	1.05	1.08	4.70	ppb
Lead	208-1	1.03	1.10	1.06	1.06	3.13	ppb
Lithium	6-1				95		%
Magnesium	24-2	482.52	498.48	488.69	489.90	1.64	ppb
Manganese	55-2	1.12	1.32	1.27	1.24	8.24	ppb
Molybdenum	94-1	5.88	5.82	5.85	5.85	0.50	ppb
Molybdenum	95-1	4.83	5.03	4.93	4.93	1.94	ppb
Molybdenum	96-1	5.04	5.03	4.98	5.02	0.64	ppb
Molybdenum	97-1	4.95	4.78	4.66	4.80	3.05	ppb
Molybdenum	98-1	4.81	5.13	4.96	4.97	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.94	0.79	0.86	8.82	ppb
Phosphorus	31-2	-16.47	-20.23	-10.66	-15.79		ppb
Potassium	39-2	449.15	437.49	451.17	445.94	1.66	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	6.50	5.84	3.95	5.43	24.33	ppb
Selenium	77-2	5.41	2.70	8.06	5.39	49.79	ppb
Selenium	78-2	3.59	3.54	4.69	3.94	16.49	ppb
Silicon	28-1	-0.03	0.14	0.36	0.15	126.47	ppb
Silver	107-1	1.11	1.05	1.06	1.07	3.23	ppb
Silver	109-1	1.05	1.01	0.99	1.01	2.75	ppb
Sodium	23-2	461.69	469.59	461.87	464.38	0.97	ppb
Strontium	86-1	0.98	1.07	1.20	1.08	9.93	ppb
Strontium	88-1	1.05	1.14	1.11	1.10	3.92	ppb
Sulfur	34-1	478.42	787.67	452.52	572.87	32.55	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	1.00	1.07	0.95	1.01	6.05	ppb
Thallium	205-1	1.00	1.03	1.02	1.02	1.64	ppb
Tin	118-1	-0.02	-0.01	-0.06	-0.03		ppb
Titanium	47-1	5.35	5.39	5.30	5.35	0.84	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:17:34	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.95	1.03	0.99	3.78	ppb
Vanadium	51-2	5.10	5.36	5.33	5.26	2.78	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	6.81	6.80	6.12	6.57	6.06	ppb
Zirconium	90-1	1.09	1.04	1.08	1.07	2.47	ppb
Zirconium	91-1	0.97	1.14	1.07	1.06	8.07	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BL	Instrumnet Name :	P7
Client Sample ID :	PBS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:21:01	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	0.05	-0.72	-0.35		ppb
Antimony	121-1	-0.01	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.06	-0.06	-0.06	-0.06		ppb
Barium	135-1	-0.06	-0.08	-0.09	-0.08		ppb
Barium	137-1	-0.08	-0.11	-0.13	-0.11		ppb
Beryllium	9-1	-0.12	-0.08	-0.11	-0.10		ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.09	-0.09	0.09	-0.03		ppb
Cadmium	106-1	-3.32	-3.63	-1.08	-2.68		ppb
Cadmium	111-1	-0.24	-0.25	-0.09	-0.20		ppb
Calcium	43-1	0.52	-8.04	-13.67	-7.06		ppb
Calcium	44-1	-38.33	-38.77	-38.51	-38.54		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.01	-0.02	-0.04	-0.02		ppb
Copper	63-2	-0.55	-0.58	-0.53	-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				100		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	-2.53	-2.72	-2.56	-2.60		ppb
Iron	57-2	-7.15	-5.08	-9.45	-7.23		ppb
Iron	54-2	-3.12	-6.00	-5.89	-5.00		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BL	Instrumnet Name :	P7
Client Sample ID :	PBS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:21:01	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.03	0.02	0.02	38.11	ppb
Lead	207-1	0.01	0.01	0.00	0.01	128.13	ppb
Lead	208-1	0.02	0.02	0.02	0.02	18.16	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.14	-1.29	0.16	-0.33		ppb
Manganese	55-2	-0.08	-0.23	-0.05	-0.12		ppb
Molybdenum	94-1	0.01	-0.01	0.03	0.01	169.92	ppb
Molybdenum	95-1	0.00	0.02	-0.01	0.00	306.31	ppb
Molybdenum	96-1	0.02	0.04	0.01	0.02	69.68	ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.36	-0.31	-0.32		ppb
Phosphorus	31-2	-14.41	-16.27	-3.24	-11.31		ppb
Potassium	39-2	-30.98	-28.19	-26.81	-28.66		ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	82-1	-0.84	-0.74	-0.91	-0.83		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.77	-1.46	-1.49	-1.91		ppb
Silicon	28-1	-2.47	-2.76	-2.46	-2.56		ppb
Silver	107-1	0.01	0.01	0.02	0.01	39.58	ppb
Silver	109-1	0.01	0.01	0.01	0.01	34.04	ppb
Sodium	23-2	2.84	0.74	1.36	1.65	65.46	ppb
Strontium	86-1	-0.02	0.03	-0.04	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	469.14	300.30	410.56	393.33	21.80	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	-0.04	-0.08	0.01	-0.04		ppb
Titanium	47-1	0.00	-0.05	-0.05	-0.03		ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BL	Instrumnet Name :	P7
Client Sample ID :	PBS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:21:01	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	0.33	ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	0.54	0.54	1.05	0.71	41.66	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	153.88	ppb
Zirconium	91-1	0.03	0.00	0.02	0.02	79.68	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BS	Instrumnet Name :	P7
Client Sample ID :	LCS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:24:25	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.54	34.68	35.85	35.02	2.05	ppb
Antimony	121-1	3.82	4.11	4.06	4.00	3.86	ppb
Arsenic	75-2	2.08	2.18	2.37	2.21	6.62	ppb
Barium	135-1	18.59	19.13	19.46	19.06	2.32	ppb
Barium	137-1	18.45	18.75	19.41	18.87	2.60	ppb
Beryllium	9-1	2.10	2.22	1.90	2.07	7.83	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.72	2.60	2.62	2.31	22.12	ppb
Cadmium	106-1	1.27	0.00	0.93	0.73	90.19	ppb
Cadmium	111-1	2.30	2.47	2.40	2.39	3.46	ppb
Calcium	43-1	955.08	1068.48	1038.25	1020.60	5.75	ppb
Calcium	44-1	975.65	1026.04	1022.67	1008.12	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.97	4.95	4.90	4.94	0.73	ppb
Cobalt	59-2	2.25	2.24	2.27	2.25	0.69	ppb
Copper	63-2	4.08	4.29	4.15	4.17	2.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	394.89	399.63	393.83	396.12	0.78	ppb
Iron	57-2	401.51	408.40	395.58	401.83	1.60	ppb
Iron	54-2	399.86	400.49	407.31	402.55	1.03	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BS	Instrumnet Name :	P7
Client Sample ID :	LCS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:24:25	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.84	2.01	2.04	1.96	5.64	ppb
Lead	207-1	1.80	1.99	2.21	2.00	10.13	ppb
Lead	208-1	1.83	2.00	2.12	1.98	7.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	965.54	970.41	950.06	962.00	1.10	ppb
Manganese	55-2	2.36	2.42	2.34	2.37	1.91	ppb
Molybdenum	94-1	11.00	11.43	11.51	11.31	2.40	ppb
Molybdenum	95-1	8.92	9.08	9.84	9.28	5.29	ppb
Molybdenum	96-1	9.40	9.84	9.84	9.69	2.63	ppb
Molybdenum	97-1	8.68	9.40	9.51	9.20	4.91	ppb
Molybdenum	98-1	9.08	9.43	9.95	9.49	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.81	2.19	2.01	2.00	9.55	ppb
Phosphorus	31-2	-18.43	-20.09	-8.81	-15.78		ppb
Potassium	39-2	909.80	927.38	904.72	913.97	1.30	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	10.43	10.28	11.27	10.66	4.99	ppb
Selenium	77-2	6.65	10.78	14.78	10.74	37.89	ppb
Selenium	78-2	7.66	11.84	9.42	9.64	21.77	ppb
Silicon	28-1	2.37	3.39	3.36	3.04	19.04	ppb
Silver	107-1	1.92	2.05	2.13	2.03	5.19	ppb
Silver	109-1	1.90	2.04	2.05	2.00	4.28	ppb
Sodium	23-2	903.33	907.23	915.91	908.83	0.71	ppb
Strontium	86-1	2.19	1.94	2.24	2.12	7.49	ppb
Strontium	88-1	2.04	2.13	2.10	2.09	2.05	ppb
Sulfur	34-1	-104.80	493.29	210.50	199.66	149.85	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	1.64	2.00	1.99	1.88	11.05	ppb
Thallium	205-1	1.70	1.97	2.03	1.90	9.26	ppb
Tin	118-1	0.03	-0.03	0.07	0.03	192.31	ppb
Titanium	47-1	9.11	9.56	9.12	9.26	2.78	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BS	Instrumnet Name :	P7
Client Sample ID :	LCS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:24:25	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.70	1.94	1.90	1.85	7.19	ppb
Vanadium	51-2	11.16	10.57	11.21	10.98	3.25	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	12.63	13.70	12.87	13.07	4.28	ppb
Zirconium	90-1	2.05	2.04	2.15	2.08	2.80	ppb
Zirconium	91-1	1.98	2.12	1.96	2.02	4.51	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:27:52	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.52	19.09	18.95	18.52	4.68	ppb
Antimony	121-1	1.97	1.95	1.87	1.93	2.75	ppb
Arsenic	75-2	0.74	0.89	0.74	0.79	10.87	ppb
Barium	135-1	9.14	8.68	8.54	8.79	3.59	ppb
Barium	137-1	9.10	9.17	9.45	9.24	1.95	ppb
Beryllium	9-1	0.82	0.83	0.88	0.84	3.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	0.88	1.60	1.18	31.46	ppb
Cadmium	106-1	0.20	-1.50	-2.84	-1.38		ppb
Cadmium	111-1	0.94	0.78	0.71	0.81	14.52	ppb
Calcium	43-1	506.28	459.74	491.22	485.75	4.89	ppb
Calcium	44-1	469.04	467.51	471.33	469.29	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.31	2.26	2.14	2.24	3.93	ppb
Cobalt	59-2	0.97	1.02	1.11	1.03	6.98	ppb
Copper	63-2	1.55	1.49	1.72	1.58	7.52	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				101		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	191.37	186.68	187.49	188.52	1.33	ppb
Iron	57-2	185.83	176.81	192.50	185.05	4.25	ppb
Iron	54-2	195.82	187.65	188.76	190.74	2.33	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:27:52	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	0.96	0.97	0.94	4.19	ppb
Lead	207-1	0.92	1.02	0.89	0.95	7.13	ppb
Lead	208-1	0.87	0.97	0.97	0.94	6.34	ppb
Lithium	6-1				95		%
Magnesium	24-2	468.97	454.13	458.83	460.65	1.65	ppb
Manganese	55-2	1.15	1.07	1.32	1.18	10.85	ppb
Molybdenum	94-1	5.46	5.44	5.51	5.47	0.63	ppb
Molybdenum	95-1	4.52	4.38	4.46	4.45	1.60	ppb
Molybdenum	96-1	4.48	4.45	4.66	4.53	2.61	ppb
Molybdenum	97-1	4.64	4.63	4.27	4.52	4.64	ppb
Molybdenum	98-1	4.63	4.69	4.46	4.59	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	1.02	0.74	0.84	19.34	ppb
Phosphorus	31-2	-2.61	-26.00	-16.25	-14.95		ppb
Potassium	39-2	415.50	425.34	428.51	423.12	1.60	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	82-1	4.07	5.11	4.21	4.46	12.65	ppb
Selenium	77-2	5.38	5.38	8.14	6.30	25.29	ppb
Selenium	78-2	-0.82	3.52	3.23	1.98	122.92	ppb
Silicon	28-1	0.07	0.53	0.17	0.26	94.33	ppb
Silver	107-1	0.96	0.95	0.99	0.97	1.93	ppb
Silver	109-1	0.94	0.98	0.97	0.96	1.95	ppb
Sodium	23-2	435.55	426.69	434.41	432.22	1.12	ppb
Strontium	86-1	0.95	1.00	0.95	0.97	3.05	ppb
Strontium	88-1	0.98	1.05	1.03	1.02	3.59	ppb
Sulfur	34-1	353.67	268.93	448.71	357.10	25.19	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.79	0.91	0.92	0.87	7.92	ppb
Thallium	205-1	0.83	0.91	0.93	0.89	6.05	ppb
Tin	118-1	0.01	0.00	-0.02	0.00		ppb
Titanium	47-1	4.61	5.11	4.85	4.86	5.23	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:27:52	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.91	0.93	0.89	5.68	ppb
Vanadium	51-2	5.10	5.18	4.97	5.08	2.10	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	7.63	6.33	7.16	7.04	9.33	ppb
Zirconium	90-1	1.00	1.03	1.03	1.02	1.83	ppb
Zirconium	91-1	1.10	1.05	1.06	1.07	2.67	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-01	Instrumnet Name :	P7
Client Sample ID :	MYD0B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:31:17	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61855.85	61232.80	61245.50	61444.71	0.58	ppb
Antimony	121-1	0.89	1.06	0.99	0.98	8.69	ppb
Arsenic	75-2	90.33	93.95	91.07	91.78	2.08	ppb
Barium	135-1	336.40	336.96	338.65	337.34	0.35	ppb
Barium	137-1	336.73	337.47	342.29	338.83	0.89	ppb
Beryllium	9-1	4.19	3.85	3.93	3.99	4.53	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.38	3.44	3.21	3.68	16.90	ppb
Cadmium	106-1	5.53	5.35	2.55	4.48	37.30	ppb
Cadmium	111-1	1.49	1.61	1.49	1.53	4.43	ppb
Calcium	43-1	17405.77	17252.81	17518.88	17392.49	0.77	ppb
Calcium	44-1	16191.86	16706.87	16396.38	16431.70	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.28	121.63	121.43	122.11	0.83	ppb
Cobalt	59-2	44.09	44.04	44.30	44.14	0.32	ppb
Copper	63-2	216.19	213.35	216.71	215.42	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	89524.90	89491.33	89695.56	89570.60	0.12	ppb
Iron	57-2	89422.25	88794.01	89133.06	89116.44	0.35	ppb
Iron	54-2	89896.77	89960.79	91117.34	90324.97	0.76	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-01	Instrumnet Name :	P7
Client Sample ID :	MYD0B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:31:17	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	87.81	88.94	88.88	88.54	0.72	ppb
Lead	207-1	88.16	87.84	89.13	88.38	0.76	ppb
Lead	208-1	87.05	87.73	88.27	87.68	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	21257.59	21216.59	20901.33	21125.17	0.92	ppb
Manganese	55-2	3288.08	3308.29	3316.11	3304.16	0.44	ppb
Molybdenum	94-1	55.91	56.37	56.14	56.14	0.41	ppb
Molybdenum	95-1	0.90	0.93	0.84	0.89	4.68	ppb
Molybdenum	96-1	7.23	7.25	7.29	7.26	0.42	ppb
Molybdenum	97-1	0.81	0.82	0.79	0.81	2.18	ppb
Molybdenum	98-1	0.83	0.80	0.82	0.82	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.51	86.32	85.82	85.88	0.48	ppb
Phosphorus	31-2	1034.47	1115.23	1073.02	1074.24	3.76	ppb
Potassium	39-2	5938.66	5924.99	5885.70	5916.45	0.46	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.65	0.22	0.75	0.54	52.28	ppb
Selenium	77-2	2.58	11.61	9.04	7.74	60.09	ppb
Selenium	78-2	4.12	-2.70	2.24	1.22	288.36	ppb
Silicon	28-1	1906.81	1942.37	1936.99	1928.72	0.99	ppb
Silver	107-1	0.58	0.55	0.53	0.56	4.72	ppb
Silver	109-1	0.55	0.51	0.49	0.51	5.69	ppb
Sodium	23-2	163.30	166.07	168.75	166.04	1.64	ppb
Strontium	86-1	80.58	79.21	80.52	80.10	0.97	ppb
Strontium	88-1	80.77	81.72	81.25	81.25	0.59	ppb
Sulfur	34-1	-462.40	-710.51	-844.91	-672.61		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.46	0.51	0.53	0.50	7.09	ppb
Thallium	205-1	0.51	0.51	0.50	0.51	1.49	ppb
Tin	118-1	3.55	3.66	3.63	3.61	1.58	ppb
Titanium	47-1	863.29	873.77	878.54	871.87	0.89	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-01	Instrumnet Name :	P7
Client Sample ID :	MYD0B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:31:17	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.89	0.91	0.88	4.14	ppb
Vanadium	51-2	182.38	182.04	181.35	181.92	0.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	260.91	256.15	261.25	259.44	1.10	ppb
Zirconium	90-1	32.15	32.37	32.35	32.29	0.38	ppb
Zirconium	91-1	31.72	31.04	32.56	31.78	2.40	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:34:37	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41569.13	41134.46	41558.99	41420.86	0.60	ppb
Antimony	121-1	453.56	455.38	462.07	457.00	0.98	ppb
Arsenic	75-2	485.83	480.71	478.90	481.81	0.75	ppb
Barium	135-1	2261.08	2265.26	2285.01	2270.45	0.56	ppb
Barium	137-1	2370.45	2409.19	2433.24	2404.29	1.32	ppb
Beryllium	9-1	488.61	486.88	487.62	487.70	0.18	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	453.86	469.45	465.55	462.95	1.75	ppb
Cadmium	106-1	459.22	453.86	469.10	460.73	1.68	ppb
Cadmium	111-1	453.68	455.66	462.97	457.44	1.07	ppb
Calcium	43-1	258249.48	261654.59	245689.51	255197.86	3.29	ppb
Calcium	44-1	241333.75	244560.87	245298.92	243731.18	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.62	490.73	487.18	488.51	0.40	ppb
Cobalt	59-2	482.49	486.63	476.54	481.89	1.05	ppb
Copper	63-2	5048.16	5061.06	5016.55	5041.92	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				102		%
Holmium	165-2				106		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	105241.90	106004.86	105268.16	105504.97	0.41	ppb
Iron	57-2	106320.78	106666.05	106211.64	106399.49	0.22	ppb
Iron	54-2	106833.46	106832.61	105504.97	106390.35	0.72	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:34:37	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2660.77	2720.43	2728.90	2703.37	1.37	ppb
Lead	207-1	2658.88	2715.88	2724.32	2699.69	1.32	ppb
Lead	208-1	2660.32	2691.14	2702.45	2684.64	0.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	210102.54	213571.40	211914.84	211862.93	0.82	ppb
Manganese	55-2	4884.68	4946.76	4914.15	4915.20	0.63	ppb
Molybdenum	94-1	4920.16	4937.80	5034.85	4964.27	1.24	ppb
Molybdenum	95-1	4947.01	4899.52	5008.60	4951.71	1.10	ppb
Molybdenum	96-1	4910.71	4919.20	4961.90	4930.60	0.56	ppb
Molybdenum	97-1	4875.50	4970.49	4984.54	4943.51	1.20	ppb
Molybdenum	98-1	4908.12	4939.16	4997.79	4948.35	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.49	476.66	472.09	474.08	0.49	ppb
Phosphorus	31-2	9630.31	9703.99	9495.19	9609.83	1.10	ppb
Potassium	39-2	101557.73	102404.95	102397.95	102120.21	0.48	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				90		%
Scandium	45-2				98		%
Selenium	82-1	475.13	473.74	486.19	478.35	1.43	ppb
Selenium	77-2	506.23	449.99	487.74	481.32	5.95	ppb
Selenium	78-2	464.42	486.92	464.20	471.85	2.77	ppb
Silicon	28-1	761.79	759.34	771.71	764.28	0.86	ppb
Silver	107-1	447.74	450.23	451.38	449.79	0.41	ppb
Silver	109-1	445.51	447.24	451.05	447.94	0.63	ppb
Sodium	23-2	204771.01	205366.19	203058.45	204398.55	0.59	ppb
Strontium	86-1	12138.27	12124.04	12425.72	12229.34	1.39	ppb
Strontium	88-1	12261.42	12313.64	12429.77	12334.94	0.70	ppb
Sulfur	34-1	10111.02	10083.52	10152.70	10115.74	0.34	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	486.81	490.10	493.71	490.21	0.70	ppb
Thallium	205-1	531.82	531.65	546.39	536.62	1.58	ppb
Tin	118-1	449.73	457.22	462.36	456.44	1.39	ppb
Titanium	47-1	5035.62	5096.59	5129.15	5087.12	0.93	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:34:37	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	560.68	564.44	568.99	564.70	0.74	ppb
Vanadium	51-2	489.65	487.56	488.33	488.51	0.22	ppb
Yttrium	89-1				93		%
Yttrium	89-2				97		%
Zinc	66-2	5020.82	5023.26	4966.31	5003.46	0.64	ppb
Zirconium	90-1	490.45	492.32	503.07	495.28	1.38	ppb
Zirconium	91-1	488.58	491.78	500.29	493.55	1.23	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:39:06	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.45	1.86	2.15	2.15	13.73	ppb
Antimony	121-1	0.18	0.20	0.17	0.19	9.19	ppb
Arsenic	75-2	0.02	-0.02	0.02	0.00	654.89	ppb
Barium	135-1	0.10	-0.05	-0.04	0.00	2379.38	ppb
Barium	137-1	0.03	0.09	0.03	0.05	70.92	ppb
Beryllium	9-1	0.09	0.11	0.07	0.09	22.04	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.27	0.00	0.09	0.12	113.03	ppb
Cadmium	106-1	-3.81	-4.08	-4.58	-4.15		ppb
Cadmium	111-1	-0.25	-0.27	-0.30	-0.27		ppb
Calcium	43-1	11.40	1.70	8.10	7.07	69.73	ppb
Calcium	44-1	-24.70	-25.96	-28.86	-26.50		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.05	0.05	0.08	69.84	ppb
Cobalt	59-2	0.03	0.03	0.00	0.02	87.32	ppb
Copper	63-2	-0.09	-0.20	-0.24	-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				101		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	4.97	3.42	3.94	4.11	19.16	ppb
Iron	57-2	-3.44	1.74	-1.69	-1.13		ppb
Iron	54-2	0.46	3.87	3.24	2.52	71.74	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:39:06	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.19	0.17	0.24	0.20	16.84	ppb
Lead	207-1	0.21	0.21	0.23	0.21	5.77	ppb
Lead	208-1	0.19	0.18	0.22	0.20	10.81	ppb
Lithium	6-1				98		%
Magnesium	24-2	9.40	5.41	4.14	6.32	43.41	ppb
Manganese	55-2	0.27	0.23	0.04	0.18	69.56	ppb
Molybdenum	94-1	0.45	0.36	0.36	0.39	13.26	ppb
Molybdenum	95-1	0.35	0.32	0.29	0.32	8.45	ppb
Molybdenum	96-1	0.38	0.36	0.29	0.34	13.08	ppb
Molybdenum	97-1	0.34	0.36	0.32	0.34	5.89	ppb
Molybdenum	98-1	0.33	0.30	0.28	0.30	7.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.31	-0.19	-0.19	-0.23		ppb
Phosphorus	31-2	-14.02	-2.28	-12.37	-9.56		ppb
Potassium	39-2	-24.32	-24.34	-29.86	-26.18		ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	-0.28	-1.05	-0.30	-0.54		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.35	-0.72	-1.03	-0.70		ppb
Silicon	28-1	-2.33	-2.72	-2.23	-2.43		ppb
Silver	107-1	0.05	0.05	0.05	0.05	4.96	ppb
Silver	109-1	0.04	0.03	0.03	0.03	10.56	ppb
Sodium	23-2	28.55	28.06	24.69	27.10	7.75	ppb
Strontium	86-1	0.78	0.55	0.45	0.59	28.70	ppb
Strontium	88-1	0.67	0.63	0.56	0.62	8.62	ppb
Sulfur	34-1	30.16	-147.42	75.13	-14.05		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.06	0.06	0.05	18.03	ppb
Thallium	205-1	0.04	0.06	0.05	0.05	16.27	ppb
Tin	118-1	0.00	0.04	0.07	0.03	108.80	ppb
Titanium	47-1	0.36	0.22	0.19	0.26	35.51	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:39:06	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.03	0.02	0.02	15.04	ppb
Vanadium	51-2	0.02	0.01	0.05	0.03	72.75	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	0.85	0.58	0.03	0.49	85.60	ppb
Zirconium	90-1	0.07	0.07	0.06	0.07	8.07	ppb
Zirconium	91-1	0.05	0.07	0.11	0.08	36.86	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-02	Instrumnet Name :	P7
Client Sample ID :	MYD0B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:42:33	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53150.92	53986.73	53826.09	53654.58	0.83	ppb
Antimony	121-1	0.86	0.90	0.90	0.89	2.43	ppb
Arsenic	75-2	84.84	82.28	86.56	84.56	2.54	ppb
Barium	135-1	429.59	439.79	447.37	438.92	2.03	ppb
Barium	137-1	438.47	443.68	447.37	443.17	1.01	ppb
Beryllium	9-1	3.81	3.84	4.02	3.89	2.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.70	3.64	3.15	3.17	14.81	ppb
Cadmium	106-1	2.82	1.54	3.64	2.67	39.84	ppb
Cadmium	111-1	0.86	0.76	0.79	0.81	6.04	ppb
Calcium	43-1	14753.08	14847.17	14939.27	14846.51	0.63	ppb
Calcium	44-1	14937.16	15068.46	15143.40	15049.68	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.69	103.80	103.49	103.66	0.15	ppb
Cobalt	59-2	36.44	36.84	36.85	36.71	0.64	ppb
Copper	63-2	143.03	144.52	143.44	143.66	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	78161.88	78846.84	78147.46	78385.40	0.51	ppb
Iron	57-2	80750.91	81851.95	81346.94	81316.60	0.68	ppb
Iron	54-2	79508.50	79069.93	78697.56	79092.00	0.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-02	Instrumnet Name :	P7
Client Sample ID :	MYD0B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:42:33	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.83	63.52	62.78	63.38	0.85	ppb
Lead	207-1	64.04	63.00	63.87	63.64	0.87	ppb
Lead	208-1	63.07	62.96	62.81	62.95	0.21	ppb
Lithium	6-1				96		%
Magnesium	24-2	18218.34	17920.46	17919.74	18019.51	0.96	ppb
Manganese	55-2	3817.33	3800.14	3834.90	3817.46	0.46	ppb
Molybdenum	94-1	43.05	42.87	43.35	43.09	0.57	ppb
Molybdenum	95-1	0.86	0.77	0.84	0.83	5.75	ppb
Molybdenum	96-1	5.62	5.77	5.83	5.74	1.85	ppb
Molybdenum	97-1	0.89	0.77	0.70	0.79	12.67	ppb
Molybdenum	98-1	0.74	0.82	0.75	0.77	5.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.30	70.54	73.90	71.91	2.45	ppb
Phosphorus	31-2	894.10	845.78	859.30	866.39	2.88	ppb
Potassium	39-2	3808.72	3851.56	3793.51	3817.93	0.79	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	-0.61	-0.27	0.29	-0.20		ppb
Selenium	77-2	7.84	6.53	15.81	10.06	49.96	ppb
Selenium	78-2	2.38	0.83	4.41	2.54	70.77	ppb
Silicon	28-1	1714.49	1708.04	1720.79	1714.44	0.37	ppb
Silver	107-1	0.33	0.34	0.33	0.33	1.11	ppb
Silver	109-1	0.31	0.29	0.32	0.31	5.36	ppb
Sodium	23-2	226.48	230.67	224.30	227.15	1.42	ppb
Strontium	86-1	69.12	69.76	69.91	69.59	0.61	ppb
Strontium	88-1	70.63	70.90	71.02	70.85	0.28	ppb
Sulfur	34-1	-792.21	-842.81	-1070.08	-901.70		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.51	0.54	0.51	0.52	3.40	ppb
Thallium	205-1	0.50	0.51	0.54	0.51	3.86	ppb
Tin	118-1	3.24	3.47	3.35	3.35	3.47	ppb
Titanium	47-1	776.12	776.35	785.57	779.34	0.69	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-02	Instrumnet Name :	P7
Client Sample ID :	MYD0B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:42:33	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.79	0.78	0.79	0.72	ppb
Vanadium	51-2	158.34	158.64	161.13	159.37	0.96	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	167.45	172.78	173.16	171.13	1.87	ppb
Zirconium	90-1	24.57	24.83	24.89	24.77	0.69	ppb
Zirconium	91-1	24.44	25.26	25.39	25.03	2.06	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-03	Instrumnet Name :	P7
Client Sample ID :	MYD0B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:45:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56788.29	55948.62	56627.24	56454.71	0.79	ppb
Antimony	121-1	0.69	0.69	0.63	0.67	5.59	ppb
Arsenic	75-2	78.86	80.64	76.66	78.72	2.53	ppb
Barium	135-1	298.36	305.43	303.63	302.47	1.21	ppb
Barium	137-1	299.17	302.19	305.34	302.24	1.02	ppb
Beryllium	9-1	3.67	3.74	3.70	3.70	0.94	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.89	2.17	2.19	2.08	8.13	ppb
Cadmium	106-1	1.23	0.49	-0.24	0.49	149.90	ppb
Cadmium	111-1	0.60	0.58	0.56	0.58	2.86	ppb
Calcium	43-1	15537.62	15546.92	15624.40	15569.65	0.31	ppb
Calcium	44-1	15637.72	15956.53	15925.42	15839.89	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.26	129.98	131.14	130.13	0.73	ppb
Cobalt	59-2	39.71	39.43	40.45	39.87	1.32	ppb
Copper	63-2	138.96	140.68	141.11	140.25	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	80422.40	79171.17	80313.45	79969.01	0.87	ppb
Iron	57-2	83544.01	82198.22	83144.62	82962.28	0.83	ppb
Iron	54-2	80516.42	79155.14	80784.94	80152.17	1.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-03	Instrumnet Name :	P7
Client Sample ID :	MYD0B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:45:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.94	62.89	62.85	62.56	0.86	ppb
Lead	207-1	62.28	62.84	62.97	62.70	0.59	ppb
Lead	208-1	61.56	62.10	62.13	61.93	0.52	ppb
Lithium	6-1				91		%
Magnesium	24-2	20146.67	19699.94	19703.18	19849.93	1.29	ppb
Manganese	55-2	3099.47	3048.55	3087.08	3078.37	0.86	ppb
Molybdenum	94-1	32.66	33.64	33.21	33.17	1.48	ppb
Molybdenum	95-1	0.69	0.59	0.73	0.67	10.99	ppb
Molybdenum	96-1	4.58	4.68	4.66	4.64	1.19	ppb
Molybdenum	97-1	0.65	0.61	0.69	0.65	6.30	ppb
Molybdenum	98-1	0.68	0.64	0.69	0.67	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.61	81.42	84.17	83.07	1.75	ppb
Phosphorus	31-2	703.52	692.14	654.88	683.51	3.72	ppb
Potassium	39-2	3698.52	3670.35	3704.51	3691.13	0.49	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	-0.09	-0.49	0.30	-0.09		ppb
Selenium	77-2	10.70	5.36	14.76	10.28	45.89	ppb
Selenium	78-2	-0.48	-0.46	-3.21	-1.39		ppb
Silicon	28-1	1986.80	2027.75	2021.58	2012.04	1.10	ppb
Silver	107-1	0.30	0.31	0.32	0.31	3.30	ppb
Silver	109-1	0.28	0.28	0.29	0.28	2.11	ppb
Sodium	23-2	306.26	306.89	313.81	308.98	1.36	ppb
Strontium	86-1	72.84	73.36	73.82	73.34	0.67	ppb
Strontium	88-1	73.94	74.46	74.92	74.44	0.66	ppb
Sulfur	34-1	-1417.62	-1496.50	-1389.20	-1434.44		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.48	0.60	0.62	0.57	13.25	ppb
Thallium	205-1	0.54	0.53	0.57	0.55	3.87	ppb
Tin	118-1	3.54	3.33	3.73	3.53	5.74	ppb
Titanium	47-1	848.28	867.09	858.69	858.02	1.10	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-03	Instrumnet Name :	P7
Client Sample ID :	MYD0B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:45:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.78	0.77	0.77	1.39	ppb
Vanadium	51-2	166.48	163.05	165.93	165.15	1.11	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	173.08	173.23	176.77	174.36	1.20	ppb
Zirconium	90-1	18.78	19.12	19.03	18.98	0.93	ppb
Zirconium	91-1	18.96	19.13	18.19	18.76	2.66	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44802.88	44453.37	44846.53	44700.93	0.48	ppb
Antimony	121-1	0.53	0.55	0.61	0.56	7.64	ppb
Arsenic	75-2	75.17	72.34	73.17	73.56	1.98	ppb
Barium	135-1	397.48	403.07	403.10	401.22	0.81	ppb
Barium	137-1	401.38	406.60	405.94	404.64	0.70	ppb
Beryllium	9-1	3.08	2.85	2.62	2.85	8.06	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.09	1.84	1.93	1.96	6.55	ppb
Cadmium	106-1	1.20	3.26	1.60	2.02	53.96	ppb
Cadmium	111-1	0.46	0.64	0.52	0.54	17.01	ppb
Calcium	43-1	12246.22	12199.67	12383.81	12276.57	0.78	ppb
Calcium	44-1	12426.26	12487.65	12473.98	12462.63	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.02	98.36	99.54	98.64	0.81	ppb
Cobalt	59-2	31.87	31.91	32.70	32.16	1.45	ppb
Copper	63-2	100.03	99.24	100.78	100.01	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	56-2	69401.86	70018.72	70897.00	70105.86	1.07	ppb
Iron	57-2	71946.74	72756.17	73275.78	72659.56	0.92	ppb
Iron	54-2	69349.53	70102.87	70357.50	69936.63	0.75	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.56	53.99	53.34	53.30	1.34	ppb
Lead	207-1	53.44	53.89	54.10	53.81	0.63	ppb
Lead	208-1	52.60	53.01	53.12	52.91	0.52	ppb
Lithium	6-1				85		%
Magnesium	24-2	15272.06	15443.02	15563.75	15426.28	0.95	ppb
Manganese	55-2	4206.78	4211.83	4288.28	4235.63	1.08	ppb
Molybdenum	94-1	33.94	34.71	34.19	34.28	1.15	ppb
Molybdenum	95-1	0.78	0.81	0.75	0.78	3.99	ppb
Molybdenum	96-1	4.84	4.64	4.58	4.69	2.99	ppb
Molybdenum	97-1	0.77	0.85	0.56	0.73	20.60	ppb
Molybdenum	98-1	0.71	0.69	0.76	0.72	4.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.22	66.62	63.88	64.91	2.30	ppb
Phosphorus	31-2	581.30	614.29	615.52	603.71	3.22	ppb
Potassium	39-2	2852.60	2851.33	2915.14	2873.03	1.27	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	82-1	1.26	1.02	-0.42	0.62	147.16	ppb
Selenium	77-2	4.20	2.81	5.67	4.23	33.86	ppb
Selenium	78-2	1.59	-1.27	4.64	1.65	178.82	ppb
Silicon	28-1	2254.73	2288.93	2304.67	2282.77	1.12	ppb
Silver	107-1	0.20	0.24	0.24	0.23	9.89	ppb
Silver	109-1	0.23	0.23	0.23	0.23	1.39	ppb
Sodium	23-2	237.72	241.08	243.51	240.77	1.21	ppb
Strontium	86-1	61.92	62.64	62.06	62.20	0.62	ppb
Strontium	88-1	62.75	63.97	62.83	63.18	1.08	ppb
Sulfur	34-1	-1483.78	-1459.50	-1571.63	-1504.97		ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.48	0.52	0.46	0.49	6.54	ppb
Thallium	205-1	0.48	0.44	0.46	0.46	4.01	ppb
Tin	118-1	3.17	3.27	3.28	3.24	1.74	ppb
Titanium	47-1	739.48	739.02	745.21	741.24	0.46	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.69	0.68	0.68	2.35	ppb
Vanadium	51-2	151.83	153.33	154.29	153.15	0.81	ppb
Yttrium	89-1				90		%
Yttrium	89-2				91		%
Zinc	66-2	135.40	134.03	134.28	134.57	0.54	ppb
Zirconium	90-1	19.28	19.68	19.53	19.49	1.04	ppb
Zirconium	91-1	19.82	19.89	18.70	19.47	3.43	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-05	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:52:39	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43830.15	43663.12	43031.80	43508.36	0.97	ppb
Antimony	121-1	0.49	0.51	0.56	0.52	6.94	ppb
Arsenic	75-2	67.10	67.54	68.51	67.72	1.07	ppb
Barium	135-1	474.16	474.85	465.87	471.63	1.06	ppb
Barium	137-1	474.90	478.52	471.05	474.82	0.79	ppb
Beryllium	9-1	3.03	2.93	2.60	2.85	7.79	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.05	1.36	2.49	1.97	29.06	ppb
Cadmium	106-1	0.06	1.91	-1.90	0.02	7715.83	ppb
Cadmium	111-1	0.31	0.63	0.16	0.37	66.45	ppb
Calcium	43-1	12212.57	12378.63	12057.26	12216.15	1.32	ppb
Calcium	44-1	12220.37	12374.22	12358.45	12317.68	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.26	96.03	99.30	97.86	1.70	ppb
Cobalt	59-2	32.58	32.21	32.24	32.34	0.64	ppb
Copper	63-2	99.61	98.78	98.28	98.89	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				92		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	68801.86	67938.95	68431.79	68390.87	0.63	ppb
Iron	57-2	71202.16	70744.47	71090.93	71012.52	0.34	ppb
Iron	54-2	68408.04	68561.10	69129.30	68699.48	0.55	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-05	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:52:39	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.73	53.26	53.42	53.14	0.67	ppb
Lead	207-1	53.98	54.28	54.46	54.24	0.45	ppb
Lead	208-1	52.70	53.42	53.47	53.20	0.81	ppb
Lithium	6-1				81		%
Magnesium	24-2	15148.61	14985.54	15157.41	15097.19	0.64	ppb
Manganese	55-2	4842.41	4801.00	4847.45	4830.29	0.53	ppb
Molybdenum	94-1	32.00	32.46	32.96	32.47	1.49	ppb
Molybdenum	95-1	0.89	0.73	0.78	0.80	10.55	ppb
Molybdenum	96-1	4.58	4.67	4.46	4.57	2.35	ppb
Molybdenum	97-1	0.78	0.63	0.70	0.70	10.34	ppb
Molybdenum	98-1	0.78	0.67	0.71	0.72	7.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.50	62.26	65.03	63.93	2.30	ppb
Phosphorus	31-2	585.85	492.87	586.95	555.23	9.73	ppb
Potassium	39-2	2818.03	2781.88	2820.32	2806.74	0.77	ppb
Rhodium	103-1				83		%
Rhodium	103-2				86		%
Scandium	45-1				82		%
Scandium	45-2				84		%
Selenium	82-1	0.85	-0.31	0.57	0.37	164.14	ppb
Selenium	77-2	7.12	0.00	8.54	5.22	87.67	ppb
Selenium	78-2	-1.16	3.47	3.03	1.78	143.64	ppb
Silicon	28-1	2234.88	2245.75	2270.69	2250.44	0.82	ppb
Silver	107-1	0.23	0.23	0.22	0.23	2.87	ppb
Silver	109-1	0.23	0.25	0.21	0.23	8.41	ppb
Sodium	23-2	235.21	240.89	239.42	238.51	1.24	ppb
Strontium	86-1	64.03	64.48	64.34	64.28	0.35	ppb
Strontium	88-1	64.98	65.25	64.59	64.94	0.51	ppb
Sulfur	34-1	-1527.57	-1563.03	-1729.73	-1606.77		ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	0.45	0.42	0.41	0.43	5.07	ppb
Thallium	205-1	0.42	0.44	0.43	0.43	2.26	ppb
Tin	118-1	3.22	3.18	3.20	3.20	0.53	ppb
Titanium	47-1	715.09	722.61	715.24	717.65	0.60	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-05	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:52:39	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.66	0.64	0.65	1.90	ppb
Vanadium	51-2	147.05	145.97	146.99	146.67	0.42	ppb
Yttrium	89-1				88		%
Yttrium	89-2				90		%
Zinc	66-2	137.89	136.14	139.25	137.76	1.13	ppb
Zirconium	90-1	21.38	18.75	18.96	19.69	7.42	ppb
Zirconium	91-1	18.54	18.98	19.10	18.88	1.56	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 07:56:03	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8847.40	8965.62	8913.30	8908.77	0.66	ppb
Antimony	121-1	0.12	0.10	0.07	0.10	21.54	ppb
Arsenic	75-2	14.94	12.98	14.11	14.01	7.02	ppb
Barium	135-1	74.24	75.53	75.73	75.17	1.08	ppb
Barium	137-1	75.22	75.64	76.10	75.65	0.58	ppb
Beryllium	9-1	0.55	0.46	0.50	0.50	9.31	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.31	0.42	0.35	17.73	ppb
Cadmium	106-1	-2.41	0.17	-3.35	-1.86		ppb
Cadmium	111-1	-0.09	0.09	-0.20	-0.07		ppb
Calcium	43-1	2360.14	2371.51	2391.80	2374.48	0.68	ppb
Calcium	44-1	2392.79	2420.30	2405.00	2406.03	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.38	18.93	19.75	19.02	3.61	ppb
Cobalt	59-2	6.06	6.53	6.39	6.33	3.83	ppb
Copper	63-2	19.98	19.32	19.24	19.51	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	13643.30	13719.17	13670.58	13677.68	0.28	ppb
Iron	57-2	14278.49	14290.72	14134.52	14234.58	0.61	ppb
Iron	54-2	14259.06	14376.09	14393.98	14343.05	0.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 07:56:03	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.90	9.75	10.12	9.92	1.91	ppb
Lead	207-1	10.10	10.06	10.36	10.17	1.58	ppb
Lead	208-1	9.97	9.99	10.10	10.02	0.71	ppb
Lithium	6-1				79		%
Magnesium	24-2	3001.36	2996.89	3035.83	3011.36	0.71	ppb
Manganese	55-2	839.57	841.83	838.19	839.86	0.22	ppb
Molybdenum	94-1	6.56	6.92	6.72	6.73	2.71	ppb
Molybdenum	95-1	0.13	0.15	0.17	0.15	11.72	ppb
Molybdenum	96-1	0.94	0.86	1.06	0.96	10.60	ppb
Molybdenum	97-1	0.14	0.15	0.17	0.15	11.05	ppb
Molybdenum	98-1	0.09	0.12	0.16	0.12	29.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.32	13.38	12.65	12.78	4.24	ppb
Phosphorus	31-2	123.20	93.25	129.96	115.47	16.92	ppb
Potassium	39-2	528.31	545.59	545.86	539.92	1.86	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				77		%
Scandium	45-2				79		%
Selenium	82-1	-0.19	-1.58	0.99	-0.26		ppb
Selenium	77-2	0.00	3.03	1.52	1.52	99.81	ppb
Selenium	78-2	-1.07	2.05	2.58	1.18	166.60	ppb
Silicon	28-1	450.10	458.05	458.45	455.53	1.03	ppb
Silver	107-1	0.04	0.07	0.05	0.05	26.43	ppb
Silver	109-1	0.06	0.04	0.03	0.04	27.51	ppb
Sodium	23-2	74.84	73.61	74.99	74.48	1.01	ppb
Strontium	86-1	11.67	12.70	12.10	12.16	4.22	ppb
Strontium	88-1	12.10	12.32	12.37	12.26	1.18	ppb
Sulfur	34-1	-1645.61	-1418.48	-1437.56	-1500.55		ppb
Terbium	159-1				87		%
Terbium	159-2				89		%
Thallium	203-1	0.07	0.06	0.14	0.09	45.67	ppb
Thallium	205-1	0.11	0.08	0.09	0.09	15.86	ppb
Tin	118-1	0.61	0.71	0.63	0.65	7.90	ppb
Titanium	47-1	139.83	145.72	144.61	143.39	2.19	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 07:56:03	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.13	0.12	0.12	7.98	ppb
Vanadium	51-2	29.62	29.26	29.76	29.55	0.88	ppb
Yttrium	89-1				82		%
Yttrium	89-2				84		%
Zinc	66-2	26.52	28.58	28.37	27.82	4.08	ppb
Zirconium	90-1	3.73	3.67	3.83	3.74	2.16	ppb
Zirconium	91-1	3.55	3.85	3.96	3.78	5.66	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-06	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:59:25	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43397.07	43648.50	42985.69	43343.75	0.77	ppb
Antimony	121-1	53.52	54.30	54.49	54.11	0.95	ppb
Arsenic	75-2	91.31	90.32	92.91	91.51	1.43	ppb
Barium	135-1	1438.06	1446.97	1439.57	1441.53	0.33	ppb
Barium	137-1	1445.33	1462.36	1454.25	1453.98	0.59	ppb
Beryllium	9-1	30.04	31.45	30.40	30.63	2.40	ppb
Bismuth	209-1				86		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	22.95	28.31	26.81	26.02	10.62	ppb
Cadmium	106-1	23.57	26.62	22.54	24.24	8.76	ppb
Cadmium	111-1	27.80	28.48	27.91	28.06	1.31	ppb
Calcium	43-1	11785.67	11907.06	11959.71	11884.14	0.75	ppb
Calcium	44-1	11891.48	12058.68	11968.52	11972.89	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	207.63	209.97	203.89	207.17	1.48	ppb
Cobalt	59-2	316.09	321.25	312.92	316.75	1.33	ppb
Copper	63-2	232.65	235.21	230.17	232.68	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				92		%
Indium	115-1				82		%
Indium	115-2				84		%
Iron	56-2	67439.73	68075.79	66891.94	67469.15	0.88	ppb
Iron	57-2	69789.42	70680.24	69232.04	69900.57	1.05	ppb
Iron	54-2	68232.66	68942.33	67809.39	68328.13	0.84	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-06	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:59:25	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.40	63.07	62.17	62.21	1.34	ppb
Lead	207-1	62.33	64.19	63.29	63.27	1.48	ppb
Lead	208-1	61.63	62.86	62.40	62.30	1.00	ppb
Lithium	6-1				78		%
Magnesium	24-2	14611.25	14894.46	14459.09	14654.93	1.51	ppb
Manganese	55-2	4628.67	4641.10	4591.49	4620.42	0.56	ppb
Molybdenum	94-1	32.41	33.26	32.79	32.82	1.31	ppb
Molybdenum	95-1	0.83	0.63	0.76	0.74	13.54	ppb
Molybdenum	96-1	4.69	4.48	4.41	4.53	3.23	ppb
Molybdenum	97-1	0.62	0.64	0.61	0.62	3.01	ppb
Molybdenum	98-1	0.66	0.73	0.64	0.68	6.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	347.35	360.35	343.97	350.56	2.47	ppb
Phosphorus	31-2	561.45	516.83	553.43	543.90	4.37	ppb
Potassium	39-2	2726.54	2757.65	2704.92	2729.70	0.97	ppb
Rhodium	103-1				80		%
Rhodium	103-2				83		%
Scandium	45-1				78		%
Scandium	45-2				81		%
Selenium	82-1	67.78	68.36	67.07	67.74	0.95	ppb
Selenium	77-2	65.08	78.22	59.17	67.49	14.45	ppb
Selenium	78-2	65.62	62.43	67.37	65.14	3.85	ppb
Silicon	28-1	2193.55	2229.47	2206.45	2209.82	0.82	ppb
Silver	107-1	23.50	24.08	23.75	23.78	1.23	ppb
Silver	109-1	23.96	24.26	24.38	24.20	0.88	ppb
Sodium	23-2	213.30	219.37	218.05	216.91	1.47	ppb
Strontium	86-1	61.66	63.02	61.57	62.08	1.30	ppb
Strontium	88-1	62.13	63.39	62.41	62.64	1.06	ppb
Sulfur	34-1	-1733.89	-1729.54	-1873.91	-1779.11		ppb
Terbium	159-1				86		%
Terbium	159-2				90		%
Thallium	203-1	27.41	27.53	27.72	27.55	0.58	ppb
Thallium	205-1	27.07	26.73	27.33	27.04	1.11	ppb
Tin	118-1	3.06	3.18	2.93	3.06	4.10	ppb
Titanium	47-1	700.75	709.79	714.83	708.45	1.01	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-06	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:59:25	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.64	0.65	0.63	2.20	ppb
Vanadium	51-2	420.40	424.96	414.41	419.92	1.26	ppb
Yttrium	89-1				83		%
Yttrium	89-2				87		%
Zinc	66-2	414.68	422.34	414.52	417.18	1.07	ppb
Zirconium	90-1	18.48	18.99	18.66	18.71	1.37	ppb
Zirconium	91-1	18.55	18.86	19.55	18.99	2.67	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:02:48	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44782.89	45915.76	45109.62	45269.42	1.29	ppb
Antimony	121-1	263.50	270.36	266.34	266.73	1.29	ppb
Arsenic	75-2	165.82	167.46	170.24	167.84	1.33	ppb
Barium	135-1	5830.67	6092.06	5809.90	5910.88	2.66	ppb
Barium	137-1	5743.41	5958.20	5873.99	5858.53	1.85	ppb
Beryllium	9-1	139.99	138.58	137.83	138.80	0.79	ppb
Bismuth	209-1				86		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	117.58	124.29	122.63	121.50	2.88	ppb
Cadmium	106-1	112.75	120.72	119.55	117.67	3.66	ppb
Cadmium	111-1	136.80	139.44	137.98	138.07	0.96	ppb
Calcium	43-1	11450.77	11599.17	11374.51	11474.82	1.00	ppb
Calcium	44-1	11638.43	11693.28	11711.09	11680.93	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	641.47	652.78	647.26	647.17	0.87	ppb
Cobalt	59-2	1427.75	1444.08	1444.03	1438.62	0.65	ppb
Copper	63-2	760.40	769.21	773.82	767.81	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				87		%
Holmium	165-2				91		%
Indium	115-1				82		%
Indium	115-2				83		%
Iron	56-2	67527.19	68136.23	68034.68	67899.37	0.48	ppb
Iron	57-2	69896.01	70760.25	70698.52	70451.59	0.68	ppb
Iron	54-2	67645.35	68074.92	68057.99	67926.09	0.36	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:02:48	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	103.57	104.75	104.63	104.32	0.62	ppb
Lead	207-1	104.70	104.63	104.90	104.74	0.13	ppb
Lead	208-1	103.48	104.33	104.97	104.26	0.72	ppb
Lithium	6-1				75		%
Magnesium	24-2	14069.16	14233.48	14243.89	14182.17	0.69	ppb
Manganese	55-2	5459.73	5484.85	5494.03	5479.54	0.32	ppb
Molybdenum	94-1	31.74	32.47	31.96	32.06	1.17	ppb
Molybdenum	95-1	0.86	0.66	0.81	0.78	13.63	ppb
Molybdenum	96-1	4.39	4.61	4.62	4.54	2.86	ppb
Molybdenum	97-1	0.69	0.64	0.65	0.66	3.91	ppb
Molybdenum	98-1	0.77	0.64	0.65	0.68	10.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1471.19	1499.03	1482.46	1484.23	0.94	ppb
Phosphorus	31-2	512.61	499.12	573.91	528.55	7.54	ppb
Potassium	39-2	2649.78	2669.15	2674.11	2664.35	0.48	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				76		%
Scandium	45-2				79		%
Selenium	82-1	294.89	303.59	306.80	301.76	2.04	ppb
Selenium	77-2	293.45	310.52	290.79	298.25	3.59	ppb
Selenium	78-2	290.33	300.17	307.28	299.26	2.84	ppb
Silicon	28-1	2115.79	2123.72	2157.02	2132.18	1.03	ppb
Silver	107-1	116.07	118.60	117.70	117.45	1.09	ppb
Silver	109-1	116.79	118.29	118.05	117.71	0.68	ppb
Sodium	23-2	209.24	213.06	216.97	213.09	1.81	ppb
Strontium	86-1	57.75	59.60	60.41	59.25	2.30	ppb
Strontium	88-1	59.67	60.60	60.85	60.37	1.03	ppb
Sulfur	34-1	-1906.24	-2073.89	-2025.88	-2002.00		ppb
Terbium	159-1				85		%
Terbium	159-2				89		%
Thallium	203-1	137.57	136.81	138.02	137.46	0.45	ppb
Thallium	205-1	132.95	135.86	136.55	135.12	1.42	ppb
Tin	118-1	2.85	2.90	3.07	2.94	3.96	ppb
Titanium	47-1	689.32	698.16	700.96	696.15	0.87	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:02:48	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.60	0.63	0.62	2.45	ppb
Vanadium	51-2	1488.78	1508.98	1494.11	1497.29	0.70	ppb
Yttrium	89-1				83		%
Yttrium	89-2				85		%
Zinc	66-2	1511.42	1527.73	1542.51	1527.22	1.02	ppb
Zirconium	90-1	17.65	18.59	18.76	18.34	3.27	ppb
Zirconium	91-1	17.28	18.29	18.57	18.04	3.77	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-08	Instrumnet Name :	P7
Client Sample ID :	MYD0C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:06:07	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45722.16	45920.58	45650.88	45764.54	0.31	ppb
Antimony	121-1	2.08	1.98	2.04	2.03	2.47	ppb
Arsenic	75-2	178.62	175.67	175.80	176.70	0.94	ppb
Barium	135-1	498.34	507.42	498.57	501.44	1.03	ppb
Barium	137-1	502.68	505.85	498.92	502.48	0.69	ppb
Beryllium	9-1	1.26	1.39	1.56	1.40	10.71	ppb
Bismuth	209-1				87		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.45	2.76	2.30	2.50	9.20	ppb
Cadmium	106-1	0.00	2.37	2.73	1.70	87.16	ppb
Cadmium	111-1	1.67	1.93	2.22	1.94	14.15	ppb
Calcium	43-1	9969.60	9945.75	9965.76	9960.37	0.13	ppb
Calcium	44-1	9996.06	10184.59	10136.99	10105.88	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.92	130.85	128.44	130.40	1.37	ppb
Cobalt	59-2	68.79	66.44	66.63	67.29	1.94	ppb
Copper	63-2	282.15	285.21	282.04	283.13	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				93		%
Indium	115-1				81		%
Indium	115-2				84		%
Iron	56-2	114987.63	114020.18	113625.61	114211.14	0.61	ppb
Iron	57-2	113197.10	113691.58	112698.52	113195.73	0.44	ppb
Iron	54-2	115846.85	115978.47	113313.55	115046.29	1.31	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-08	Instrumnet Name :	P7
Client Sample ID :	MYD0C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:06:07	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	71.52	71.96	72.61	72.03	0.76	ppb
Lead	207-1	72.19	70.49	71.65	71.44	1.21	ppb
Lead	208-1	70.64	70.93	71.15	70.91	0.36	ppb
Lithium	6-1				75		%
Magnesium	24-2	23825.69	24188.27	24072.94	24028.97	0.77	ppb
Manganese	55-2	3167.48	3151.49	3135.45	3151.47	0.51	ppb
Molybdenum	94-1	28.31	28.36	28.39	28.35	0.15	ppb
Molybdenum	95-1	1.20	1.24	1.16	1.20	3.30	ppb
Molybdenum	96-1	4.98	4.82	5.11	4.97	2.91	ppb
Molybdenum	97-1	1.34	1.27	1.45	1.35	6.73	ppb
Molybdenum	98-1	1.27	1.16	1.20	1.21	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.65	115.84	118.87	118.79	2.44	ppb
Phosphorus	31-2	1887.83	1902.08	1739.18	1843.03	4.90	ppb
Potassium	39-2	7987.11	7971.43	7907.13	7955.22	0.53	ppb
Rhodium	103-1				80		%
Rhodium	103-2				83		%
Scandium	45-1				79		%
Scandium	45-2				83		%
Selenium	82-1	-0.60	-0.75	0.28	-0.36		ppb
Selenium	77-2	13.00	11.55	12.96	12.50	6.61	ppb
Selenium	78-2	1.08	1.50	-0.64	0.65	174.23	ppb
Silicon	28-1	1903.72	1935.52	1937.69	1925.64	0.99	ppb
Silver	107-1	0.55	0.53	0.47	0.52	7.69	ppb
Silver	109-1	0.55	0.49	0.48	0.50	8.00	ppb
Sodium	23-2	204.75	203.26	197.74	201.91	1.83	ppb
Strontium	86-1	108.77	111.86	110.81	110.48	1.42	ppb
Strontium	88-1	110.66	112.50	112.58	111.91	0.97	ppb
Sulfur	34-1	-2014.66	-2083.43	-1941.80	-2013.30		ppb
Terbium	159-1				87		%
Terbium	159-2				91		%
Thallium	203-1	0.47	0.54	0.44	0.48	10.83	ppb
Thallium	205-1	0.52	0.53	0.53	0.53	1.42	ppb
Tin	118-1	3.59	3.78	3.61	3.66	2.82	ppb
Titanium	47-1	1404.33	1419.91	1421.02	1415.08	0.66	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-08	Instrumnet Name :	P7
Client Sample ID :	MYD0C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:06:07	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.21	1.23	1.23	1.04	ppb
Vanadium	51-2	292.20	288.61	287.87	289.56	0.80	ppb
Yttrium	89-1				85		%
Yttrium	89-2				89		%
Zinc	66-2	357.89	360.43	356.97	358.43	0.50	ppb
Zirconium	90-1	15.66	16.05	15.91	15.87	1.25	ppb
Zirconium	91-1	15.67	16.44	15.90	16.00	2.47	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-09	Instrumnet Name :	P7
Client Sample ID :	MYD0C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:09:30	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65318.21	65126.89	66600.76	65681.95	1.22	ppb
Antimony	121-1	1.36	1.45	1.49	1.43	4.62	ppb
Arsenic	75-2	163.32	165.49	169.30	166.03	1.82	ppb
Barium	135-1	664.04	664.07	702.88	677.00	3.31	ppb
Barium	137-1	663.42	668.77	704.24	678.81	3.27	ppb
Beryllium	9-1	1.96	2.06	2.04	2.02	2.72	ppb
Bismuth	209-1				84		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	2.93	3.09	2.76	16.26	ppb
Cadmium	106-1	4.60	1.93	0.72	2.42	82.25	ppb
Cadmium	111-1	0.60	0.66	0.47	0.58	16.54	ppb
Calcium	43-1	15349.04	15617.40	16325.00	15763.81	3.20	ppb
Calcium	44-1	15524.54	15623.94	16518.89	15889.12	3.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177.14	179.86	178.52	178.51	0.76	ppb
Cobalt	59-2	74.09	74.72	72.68	73.83	1.41	ppb
Copper	63-2	213.74	217.72	213.48	214.98	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				93		%
Indium	115-1				80		%
Indium	115-2				83		%
Iron	56-2	133682.49	133608.56	132587.97	133293.01	0.46	ppb
Iron	57-2	131647.45	134520.74	131849.45	132672.55	1.21	ppb
Iron	54-2	133195.55	133041.90	132622.11	132953.19	0.22	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-09	Instrumnet Name :	P7
Client Sample ID :	MYD0C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:09:30	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.04	31.58	32.54	31.72	2.39	ppb
Lead	207-1	30.20	30.73	31.89	30.94	2.79	ppb
Lead	208-1	30.38	30.70	31.80	30.96	2.42	ppb
Lithium	6-1				74		%
Magnesium	24-2	29226.63	29360.61	28596.95	29061.40	1.40	ppb
Manganese	55-2	3151.79	3170.36	3161.59	3161.24	0.29	ppb
Molybdenum	94-1	32.91	33.01	34.78	33.57	3.14	ppb
Molybdenum	95-1	1.22	1.06	1.22	1.16	8.11	ppb
Molybdenum	96-1	5.59	5.64	5.93	5.72	3.23	ppb
Molybdenum	97-1	1.14	1.19	1.02	1.12	7.75	ppb
Molybdenum	98-1	1.13	1.14	1.17	1.15	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.52	143.00	140.43	140.98	1.28	ppb
Phosphorus	31-2	1925.40	1953.49	1907.28	1928.72	1.21	ppb
Potassium	39-2	4180.62	4164.71	4183.06	4176.13	0.24	ppb
Rhodium	103-1				78		%
Rhodium	103-2				82		%
Scandium	45-1				80		%
Scandium	45-2				85		%
Selenium	82-1	1.51	1.08	0.87	1.15	28.38	ppb
Selenium	77-2	12.60	11.29	14.17	12.69	11.34	ppb
Selenium	78-2	1.17	3.33	-1.61	0.96	257.20	ppb
Silicon	28-1	1634.33	1649.25	1727.92	1670.50	3.01	ppb
Silver	107-1	0.23	0.24	0.25	0.24	5.22	ppb
Silver	109-1	0.18	0.23	0.25	0.22	14.79	ppb
Sodium	23-2	206.17	208.77	211.08	208.67	1.18	ppb
Strontium	86-1	174.61	173.50	188.55	178.89	4.69	ppb
Strontium	88-1	178.14	177.02	189.50	181.55	3.80	ppb
Sulfur	34-1	-1905.54	-2048.47	-1524.14	-1826.05		ppb
Terbium	159-1				85		%
Terbium	159-2				90		%
Thallium	203-1	0.48	0.43	0.47	0.46	5.16	ppb
Thallium	205-1	0.41	0.44	0.44	0.43	3.85	ppb
Tin	118-1	3.15	3.20	3.35	3.23	3.20	ppb
Titanium	47-1	1586.54	1597.18	1681.60	1621.77	3.21	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-09	Instrumnet Name :	P7
Client Sample ID :	MYD0C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:09:30	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.75	1.77	1.86	1.79	3.17	ppb
Vanadium	51-2	348.25	351.73	347.03	349.01	0.70	ppb
Yttrium	89-1				86		%
Yttrium	89-2				91		%
Zinc	66-2	295.03	292.92	297.19	295.05	0.72	ppb
Zirconium	90-1	18.62	18.75	20.13	19.17	4.37	ppb
Zirconium	91-1	18.21	18.50	20.30	19.01	5.96	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-10	Instrumnet Name :	P7
Client Sample ID :	MYD0C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:12:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40761.81	41087.36	40188.23	40679.13	1.12	ppb
Antimony	121-1	31.46	32.23	32.36	32.02	1.52	ppb
Arsenic	75-2	128.49	129.40	134.18	130.69	2.34	ppb
Barium	135-1	360.52	365.60	367.43	364.51	0.98	ppb
Barium	137-1	361.58	364.32	367.30	364.40	0.79	ppb
Beryllium	9-1	0.80	1.08	0.99	0.96	15.39	ppb
Bismuth	209-1				85		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.95	2.26	2.38	2.20	10.19	ppb
Cadmium	106-1	0.53	-0.47	0.34	0.13	395.51	ppb
Cadmium	111-1	0.29	0.13	0.24	0.22	37.86	ppb
Calcium	43-1	10662.07	10860.16	10595.18	10705.80	1.29	ppb
Calcium	44-1	10726.38	10804.48	10845.96	10792.27	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.09	103.50	102.81	103.80	1.13	ppb
Cobalt	59-2	51.38	50.47	49.86	50.57	1.51	ppb
Copper	63-2	137.68	138.34	135.51	137.18	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				91		%
Indium	115-1				81		%
Indium	115-2				82		%
Iron	56-2	84818.49	84614.56	83298.29	84243.78	0.98	ppb
Iron	57-2	88131.91	87583.92	86575.72	87430.52	0.90	ppb
Iron	54-2	84001.73	85474.09	84138.63	84538.15	0.96	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-10	Instrumnet Name :	P7
Client Sample ID :	MYD0C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:12:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.40	18.34	18.73	18.49	1.14	ppb
Lead	207-1	17.94	17.96	17.89	17.93	0.20	ppb
Lead	208-1	17.92	17.89	17.95	17.92	0.16	ppb
Lithium	6-1				72		%
Magnesium	24-2	19566.76	19532.22	19117.61	19405.53	1.29	ppb
Manganese	55-2	2069.38	2043.70	2016.50	2043.19	1.29	ppb
Molybdenum	94-1	21.74	22.12	22.17	22.01	1.06	ppb
Molybdenum	95-1	0.73	0.83	0.71	0.76	8.30	ppb
Molybdenum	96-1	3.48	3.49	3.54	3.50	0.99	ppb
Molybdenum	97-1	0.75	0.73	0.63	0.70	9.03	ppb
Molybdenum	98-1	0.70	0.71	0.69	0.70	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	156.12	156.93	155.26	156.10	0.53	ppb
Phosphorus	31-2	1145.26	1116.83	1223.33	1161.81	4.75	ppb
Potassium	39-2	2502.85	2489.44	2432.07	2474.79	1.52	ppb
Rhodium	103-1				79		%
Rhodium	103-2				81		%
Scandium	45-1				76		%
Scandium	45-2				80		%
Selenium	82-1	0.93	1.03	-0.25	0.57	125.28	ppb
Selenium	77-2	8.87	4.48	13.48	8.94	50.33	ppb
Selenium	78-2	-1.27	-3.82	-0.72	-1.93		ppb
Silicon	28-1	1537.61	1547.77	1565.54	1550.30	0.91	ppb
Silver	107-1	0.23	0.19	0.24	0.22	12.48	ppb
Silver	109-1	0.21	0.24	0.21	0.22	8.82	ppb
Sodium	23-2	190.45	191.00	191.18	190.88	0.20	ppb
Strontium	86-1	106.04	106.76	108.65	107.15	1.26	ppb
Strontium	88-1	106.74	108.82	109.13	108.23	1.20	ppb
Sulfur	34-1	-1821.38	-1698.96	-1797.22	-1772.52		ppb
Terbium	159-1				85		%
Terbium	159-2				89		%
Thallium	203-1	0.26	0.30	0.36	0.31	14.99	ppb
Thallium	205-1	0.25	0.25	0.30	0.27	9.73	ppb
Tin	118-1	2.63	2.82	2.70	2.72	3.52	ppb
Titanium	47-1	1184.58	1211.51	1194.28	1196.79	1.14	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-10	Instrumnet Name :	P7
Client Sample ID :	MYD0C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:12:50	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.96	0.93	0.95	2.35	ppb
Vanadium	51-2	210.57	212.14	206.61	209.77	1.36	ppb
Yttrium	89-1				84		%
Yttrium	89-2				86		%
Zinc	66-2	255.10	255.90	255.67	255.56	0.16	ppb
Zirconium	90-1	12.36	12.53	12.71	12.53	1.42	ppb
Zirconium	91-1	12.27	12.55	12.87	12.56	2.39	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-11	Instrumnet Name :	P7
Client Sample ID :	MYD0C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:16:14	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51738.28	52203.71	51112.43	51684.81	1.06	ppb
Antimony	121-1	1.02	1.02	1.01	1.01	0.73	ppb
Arsenic	75-2	276.91	271.81	270.57	273.10	1.23	ppb
Barium	135-1	512.48	516.17	506.69	511.78	0.93	ppb
Barium	137-1	514.72	518.62	509.38	514.24	0.90	ppb
Beryllium	9-1	1.26	1.37	1.17	1.27	7.70	ppb
Bismuth	209-1				83		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.32	1.68	2.06	2.02	15.76	ppb
Cadmium	106-1	3.44	2.12	0.98	2.18	56.50	ppb
Cadmium	111-1	0.43	0.48	0.36	0.42	14.12	ppb
Calcium	43-1	12387.93	13013.96	12801.93	12734.61	2.50	ppb
Calcium	44-1	12777.97	12903.19	12954.39	12878.52	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137.01	136.76	136.79	136.85	0.10	ppb
Cobalt	59-2	63.70	62.92	63.91	63.51	0.82	ppb
Copper	63-2	154.60	155.69	152.91	154.40	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				86		%
Holmium	165-2				90		%
Indium	115-1				80		%
Indium	115-2				80		%
Iron	56-2	119172.82	118946.70	117496.02	118538.51	0.77	ppb
Iron	57-2	119903.91	118821.86	117850.77	118858.85	0.86	ppb
Iron	54-2	119733.03	119567.58	117876.36	119058.99	0.86	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-11	Instrumnet Name :	P7
Client Sample ID :	MYD0C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:16:14	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.80	17.09	17.21	17.03	1.22	ppb
Lead	207-1	15.91	16.39	16.30	16.20	1.57	ppb
Lead	208-1	16.36	16.58	16.34	16.43	0.81	ppb
Lithium	6-1				72		%
Magnesium	24-2	26272.20	26281.14	26632.88	26395.40	0.78	ppb
Manganese	55-2	2919.65	2937.80	2909.35	2922.26	0.49	ppb
Molybdenum	94-1	29.67	29.65	30.27	29.87	1.17	ppb
Molybdenum	95-1	0.90	0.90	0.76	0.85	9.92	ppb
Molybdenum	96-1	4.82	5.05	4.92	4.93	2.37	ppb
Molybdenum	97-1	0.70	0.77	0.76	0.75	5.01	ppb
Molybdenum	98-1	0.76	0.79	0.80	0.78	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.72	118.48	115.07	116.76	1.46	ppb
Phosphorus	31-2	1413.56	1554.47	1449.47	1472.50	4.97	ppb
Potassium	39-2	2858.06	2868.52	2798.38	2841.65	1.33	ppb
Rhodium	103-1				78		%
Rhodium	103-2				80		%
Scandium	45-1				76		%
Scandium	45-2				81		%
Selenium	82-1	1.55	0.18	-0.26	0.49	191.89	ppb
Selenium	77-2	8.80	10.36	11.87	10.34	14.84	ppb
Selenium	78-2	2.97	1.78	-0.81	1.32	146.79	ppb
Silicon	28-1	1864.27	1895.31	1904.29	1887.96	1.11	ppb
Silver	107-1	0.10	0.13	0.13	0.12	12.96	ppb
Silver	109-1	0.11	0.13	0.12	0.12	11.59	ppb
Sodium	23-2	194.21	189.88	190.86	191.65	1.18	ppb
Strontium	86-1	139.76	140.42	138.56	139.58	0.67	ppb
Strontium	88-1	141.06	141.70	142.18	141.65	0.40	ppb
Sulfur	34-1	-2026.04	-1760.47	-2040.23	-1942.25		ppb
Terbium	159-1				84		%
Terbium	159-2				87		%
Thallium	203-1	0.31	0.30	0.31	0.31	0.89	ppb
Thallium	205-1	0.30	0.28	0.30	0.30	4.39	ppb
Tin	118-1	2.62	2.60	2.56	2.59	1.20	ppb
Titanium	47-1	1210.76	1232.59	1232.07	1225.14	1.02	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-11	Instrumnet Name :	P7
Client Sample ID :	MYD0C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:16:14	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.29	1.25	1.33	1.29	2.96	ppb
Vanadium	51-2	286.91	291.81	288.93	289.22	0.85	ppb
Yttrium	89-1				85		%
Yttrium	89-2				87		%
Zinc	66-2	173.12	171.16	173.17	172.48	0.67	ppb
Zirconium	90-1	17.29	17.41	17.13	17.28	0.81	ppb
Zirconium	91-1	17.16	17.31	17.19	17.22	0.47	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-12	Instrumnet Name :	P7
Client Sample ID :	MYD0C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:19:35	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33441.78	33290.76	33337.63	33356.72	0.23	ppb
Antimony	121-1	4.58	4.72	4.81	4.70	2.50	ppb
Arsenic	75-2	300.58	288.23	290.90	293.24	2.22	ppb
Barium	135-1	361.24	368.40	364.09	364.57	0.99	ppb
Barium	137-1	364.80	370.62	365.23	366.88	0.88	ppb
Beryllium	9-1	1.51	1.38	1.39	1.43	5.06	ppb
Bismuth	209-1				87		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.50	3.14	5.46	4.37	26.73	ppb
Cadmium	106-1	1.08	3.80	1.29	2.06	73.41	ppb
Cadmium	111-1	3.55	3.55	3.32	3.47	3.83	ppb
Calcium	43-1	4404.28	4390.84	4364.77	4386.63	0.46	ppb
Calcium	44-1	4400.28	4482.88	4438.12	4440.43	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.74	91.89	91.50	91.71	0.21	ppb
Cobalt	59-2	50.29	51.02	49.50	50.27	1.51	ppb
Copper	63-2	1251.16	1248.00	1253.63	1250.93	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				91		%
Indium	115-1				80		%
Indium	115-2				81		%
Iron	56-2	95870.24	95250.94	95664.90	95595.36	0.33	ppb
Iron	57-2	99423.55	99031.02	99407.26	99287.27	0.22	ppb
Iron	54-2	96503.57	95965.12	95924.74	96131.14	0.34	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-12	Instrumnet Name :	P7
Client Sample ID :	MYD0C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:19:35	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	393.26	396.51	398.21	395.99	0.64	ppb
Lead	207-1	399.64	406.00	407.94	404.53	1.07	ppb
Lead	208-1	393.64	398.62	398.29	396.85	0.70	ppb
Lithium	6-1				71		%
Magnesium	24-2	11572.43	11585.77	11618.41	11592.20	0.20	ppb
Manganese	55-2	3147.20	3131.27	3133.00	3137.16	0.28	ppb
Molybdenum	94-1	17.08	17.18	17.28	17.18	0.58	ppb
Molybdenum	95-1	2.19	2.02	2.16	2.12	4.42	ppb
Molybdenum	96-1	4.28	4.40	4.47	4.38	2.19	ppb
Molybdenum	97-1	2.01	2.22	2.22	2.15	5.60	ppb
Molybdenum	98-1	2.05	2.01	2.10	2.05	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.13	64.41	64.71	64.75	0.56	ppb
Phosphorus	31-2	2034.04	2167.87	2211.66	2137.86	4.33	ppb
Potassium	39-2	7107.99	7108.25	7118.97	7111.74	0.09	ppb
Rhodium	103-1				78		%
Rhodium	103-2				81		%
Scandium	45-1				73		%
Scandium	45-2				78		%
Selenium	82-1	2.45	2.62	2.96	2.68	9.62	ppb
Selenium	77-2	10.72	15.14	16.85	14.24	22.22	ppb
Selenium	78-2	3.53	1.16	3.98	2.89	52.51	ppb
Silicon	28-1	1886.33	1914.47	1897.57	1899.46	0.75	ppb
Silver	107-1	3.64	3.66	3.66	3.65	0.27	ppb
Silver	109-1	3.54	3.68	3.72	3.65	2.63	ppb
Sodium	23-2	175.99	178.64	178.10	177.57	0.79	ppb
Strontium	86-1	44.53	44.27	44.85	44.55	0.66	ppb
Strontium	88-1	44.93	45.13	45.63	45.23	0.79	ppb
Sulfur	34-1	-1686.88	-1645.54	-1906.08	-1746.16		ppb
Terbium	159-1				84		%
Terbium	159-2				88		%
Thallium	203-1	0.62	0.60	0.50	0.57	11.37	ppb
Thallium	205-1	0.49	0.58	0.56	0.54	8.32	ppb
Tin	118-1	4.06	4.13	3.95	4.05	2.18	ppb
Titanium	47-1	1074.38	1084.40	1077.10	1078.63	0.48	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-12	Instrumnet Name :	P7
Client Sample ID :	MYD0C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:19:35	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.41	1.44	1.45	1.43	1.72	ppb
Vanadium	51-2	189.51	188.68	189.65	189.28	0.28	ppb
Yttrium	89-1				81		%
Yttrium	89-2				84		%
Zinc	66-2	411.58	418.41	414.68	414.89	0.82	ppb
Zirconium	90-1	9.05	8.86	8.87	8.93	1.22	ppb
Zirconium	91-1	9.01	9.03	9.01	9.02	0.17	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-13	Instrumnet Name :	P7
Client Sample ID :	MYD0C5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:22:59	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35925.00	36633.60	35945.42	36168.01	1.12	ppb
Antimony	121-1	1.55	1.46	1.48	1.50	3.04	ppb
Arsenic	75-2	128.13	123.00	124.31	125.15	2.13	ppb
Barium	135-1	426.92	425.49	423.45	425.28	0.41	ppb
Barium	137-1	427.97	431.66	428.86	429.50	0.45	ppb
Beryllium	9-1	1.78	1.77	1.70	1.75	2.59	ppb
Bismuth	209-1				85		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.31	6.17	5.22	5.90	10.12	ppb
Cadmium	106-1	5.82	3.66	4.90	4.79	22.53	ppb
Cadmium	111-1	6.50	6.13	6.22	6.28	3.10	ppb
Calcium	43-1	5157.56	5267.84	5367.88	5264.43	2.00	ppb
Calcium	44-1	5353.39	5401.63	5435.52	5396.85	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.16	82.29	83.16	82.54	0.66	ppb
Cobalt	59-2	50.71	50.78	52.16	51.22	1.60	ppb
Copper	63-2	826.68	827.95	836.36	830.33	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				86		%
Holmium	165-2				91		%
Indium	115-1				80		%
Indium	115-2				82		%
Iron	56-2	83726.18	84247.03	84478.77	84150.66	0.46	ppb
Iron	57-2	86937.92	87082.27	87470.33	87163.51	0.32	ppb
Iron	54-2	83581.08	84184.48	84195.38	83986.98	0.42	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-13	Instrumnet Name :	P7
Client Sample ID :	MYD0C5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:22:59	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.16	48.53	48.93	48.87	0.66	ppb
Lead	207-1	48.97	48.22	46.92	48.04	2.16	ppb
Lead	208-1	48.08	47.85	47.91	47.94	0.26	ppb
Lithium	6-1				72		%
Magnesium	24-2	10870.56	10879.34	10946.41	10898.77	0.38	ppb
Manganese	55-2	3463.83	3492.65	3506.54	3487.67	0.62	ppb
Molybdenum	94-1	14.90	14.51	14.82	14.74	1.42	ppb
Molybdenum	95-1	1.56	1.57	1.84	1.66	9.81	ppb
Molybdenum	96-1	3.58	3.67	3.57	3.61	1.43	ppb
Molybdenum	97-1	1.56	1.64	1.79	1.66	6.97	ppb
Molybdenum	98-1	1.65	1.56	1.59	1.60	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.55	66.68	71.84	68.69	4.02	ppb
Phosphorus	31-2	1503.78	1529.89	1534.63	1522.77	1.09	ppb
Potassium	39-2	6869.49	6888.39	6877.44	6878.44	0.14	ppb
Rhodium	103-1				79		%
Rhodium	103-2				82		%
Scandium	45-1				74		%
Scandium	45-2				78		%
Selenium	82-1	0.71	1.00	2.03	1.24	55.48	ppb
Selenium	77-2	10.54	15.07	10.57	12.06	21.60	ppb
Selenium	78-2	-0.67	2.87	-0.65	0.52	393.49	ppb
Silicon	28-1	1826.85	1830.01	1828.63	1828.50	0.09	ppb
Silver	107-1	0.65	0.62	0.61	0.63	3.48	ppb
Silver	109-1	0.66	0.63	0.60	0.63	4.61	ppb
Sodium	23-2	182.01	182.16	184.87	183.01	0.88	ppb
Strontium	86-1	53.03	54.28	53.82	53.71	1.17	ppb
Strontium	88-1	54.06	54.22	54.02	54.10	0.19	ppb
Sulfur	34-1	-1911.66	-1869.57	-2164.76	-1982.00		ppb
Terbium	159-1				85		%
Terbium	159-2				89		%
Thallium	203-1	0.40	0.40	0.44	0.41	5.07	ppb
Thallium	205-1	0.42	0.42	0.41	0.42	1.08	ppb
Tin	118-1	2.68	2.79	2.63	2.70	2.93	ppb
Titanium	47-1	990.35	993.63	987.14	990.38	0.33	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-13	Instrumnet Name :	P7
Client Sample ID :	MYD0C5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:22:59	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.44	1.46	1.54	1.48	3.57	ppb
Vanadium	51-2	163.18	163.36	164.49	163.68	0.44	ppb
Yttrium	89-1				82		%
Yttrium	89-2				85		%
Zinc	66-2	477.39	475.03	480.82	477.75	0.61	ppb
Zirconium	90-1	7.62	7.84	7.82	7.76	1.60	ppb
Zirconium	91-1	7.50	7.91	7.73	7.71	2.65	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-14	Instrumnet Name :	P7
Client Sample ID :	MYD0C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:26:22	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35783.62	35829.03	36552.75	36055.14	1.20	ppb
Antimony	121-1	1.10	1.14	1.22	1.15	5.31	ppb
Arsenic	75-2	53.52	54.80	56.36	54.89	2.59	ppb
Barium	135-1	341.02	344.24	336.51	340.59	1.14	ppb
Barium	137-1	343.10	345.19	341.23	343.17	0.58	ppb
Beryllium	9-1	1.52	1.25	1.18	1.31	13.90	ppb
Bismuth	209-1				84		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.03	2.93	2.58	2.51	18.00	ppb
Cadmium	106-1	0.93	1.28	0.89	1.03	20.71	ppb
Cadmium	111-1	2.12	1.84	2.20	2.05	9.17	ppb
Calcium	43-1	6123.77	5983.21	6141.51	6082.83	1.43	ppb
Calcium	44-1	6125.76	6147.93	6192.28	6155.32	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	149.38	150.40	152.89	150.89	1.20	ppb
Cobalt	59-2	40.92	40.98	41.84	41.25	1.24	ppb
Copper	63-2	131.59	133.25	136.95	133.93	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				92		%
Indium	115-1				79		%
Indium	115-2				82		%
Iron	56-2	71492.19	71848.38	72904.90	72081.82	1.02	ppb
Iron	57-2	74289.82	74346.10	75279.59	74638.50	0.74	ppb
Iron	54-2	71918.70	72786.72	72176.88	72294.10	0.62	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-14	Instrumnet Name :	P7
Client Sample ID :	MYD0C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:26:22	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.34	24.72	24.24	24.43	1.05	ppb
Lead	207-1	22.88	23.50	23.83	23.40	2.06	ppb
Lead	208-1	23.42	23.84	23.63	23.63	0.87	ppb
Lithium	6-1				72		%
Magnesium	24-2	11617.56	11633.59	11769.82	11673.66	0.72	ppb
Manganese	55-2	1937.73	1934.74	1968.50	1946.99	0.96	ppb
Molybdenum	94-1	15.64	16.21	16.06	15.97	1.87	ppb
Molybdenum	95-1	1.97	2.13	2.12	2.07	4.29	ppb
Molybdenum	96-1	3.98	4.03	3.90	3.97	1.55	ppb
Molybdenum	97-1	1.92	1.96	1.90	1.92	1.44	ppb
Molybdenum	98-1	2.03	1.87	2.01	1.97	4.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.23	66.67	65.54	65.48	1.87	ppb
Phosphorus	31-2	1153.20	1127.57	1129.34	1136.70	1.26	ppb
Potassium	39-2	4789.76	4799.36	4854.52	4814.55	0.73	ppb
Rhodium	103-1				78		%
Rhodium	103-2				81		%
Scandium	45-1				73		%
Scandium	45-2				77		%
Selenium	82-1	-1.15	0.42	0.35	-0.13		ppb
Selenium	77-2	7.62	6.09	13.81	9.17	44.54	ppb
Selenium	78-2	6.15	0.32	0.85	2.44	132.10	ppb
Silicon	28-1	1662.04	1680.87	1674.19	1672.37	0.57	ppb
Silver	107-1	0.30	0.25	0.27	0.27	8.54	ppb
Silver	109-1	0.27	0.23	0.24	0.25	8.48	ppb
Sodium	23-2	166.35	166.26	175.78	169.46	3.23	ppb
Strontium	86-1	57.65	59.13	59.29	58.69	1.54	ppb
Strontium	88-1	59.26	59.67	59.91	59.61	0.56	ppb
Sulfur	34-1	-2001.90	-2170.74	-2021.88	-2064.84		ppb
Terbium	159-1				84		%
Terbium	159-2				89		%
Thallium	203-1	0.32	0.28	0.32	0.31	7.13	ppb
Thallium	205-1	0.30	0.30	0.28	0.29	3.51	ppb
Tin	118-1	3.37	3.40	3.39	3.39	0.53	ppb
Titanium	47-1	892.44	892.22	907.93	897.53	1.00	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-14	Instrumnet Name :	P7
Client Sample ID :	MYD0C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:26:22	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.20	1.20	1.19	2.67	ppb
Vanadium	51-2	144.43	147.21	148.12	146.59	1.31	ppb
Yttrium	89-1				80		%
Yttrium	89-2				84		%
Zinc	66-2	379.92	383.05	391.38	384.79	1.54	ppb
Zirconium	90-1	8.28	8.13	8.31	8.24	1.18	ppb
Zirconium	91-1	8.38	8.26	8.45	8.36	1.13	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-15	Instrumnet Name :	P7
Client Sample ID :	MYD0C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:29:47	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31531.08	31731.90	32028.76	31763.91	0.79	ppb
Antimony	121-1	0.89	0.98	0.91	0.93	5.16	ppb
Arsenic	75-2	71.84	71.69	73.14	72.22	1.10	ppb
Barium	135-1	275.21	273.00	272.42	273.55	0.54	ppb
Barium	137-1	273.27	276.70	270.23	273.40	1.18	ppb
Beryllium	9-1	0.67	0.90	0.86	0.81	14.92	ppb
Bismuth	209-1				84		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.65	0.96	0.53	0.71	30.86	ppb
Cadmium	106-1	-1.57	-3.46	-3.69	-2.91		ppb
Cadmium	111-1	0.22	0.02	-0.03	0.07	194.42	ppb
Calcium	43-1	4961.33	5080.80	5099.06	5047.06	1.48	ppb
Calcium	44-1	5104.65	5125.29	5154.76	5128.23	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	890.01	884.52	897.61	890.71	0.74	ppb
Cobalt	59-2	32.28	31.93	33.56	32.59	2.64	ppb
Copper	63-2	97.28	97.60	98.70	97.86	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				90		%
Indium	115-1				80		%
Indium	115-2				81		%
Iron	56-2	69551.19	69056.11	70348.25	69651.85	0.94	ppb
Iron	57-2	71689.52	71757.62	72770.63	72072.59	0.84	ppb
Iron	54-2	70287.44	71207.80	70208.62	70567.95	0.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-15	Instrumnet Name :	P7
Client Sample ID :	MYD0C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:29:47	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.28	14.18	13.83	14.10	1.67	ppb
Lead	207-1	13.15	13.93	13.43	13.50	2.93	ppb
Lead	208-1	13.55	13.79	13.47	13.60	1.23	ppb
Lithium	6-1				69		%
Magnesium	24-2	14416.54	14514.90	14639.48	14523.64	0.77	ppb
Manganese	55-2	2631.48	2637.34	2665.37	2644.73	0.68	ppb
Molybdenum	94-1	17.27	17.86	17.65	17.59	1.71	ppb
Molybdenum	95-1	10.91	11.25	10.75	10.97	2.32	ppb
Molybdenum	96-1	12.18	12.52	11.72	12.14	3.30	ppb
Molybdenum	97-1	10.78	11.18	10.76	10.91	2.17	ppb
Molybdenum	98-1	10.88	11.14	10.88	10.96	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.94	81.76	84.41	83.37	1.69	ppb
Phosphorus	31-2	824.77	1020.09	914.02	919.63	10.63	ppb
Potassium	39-2	2606.18	2622.54	2668.91	2632.55	1.24	ppb
Rhodium	103-1				78		%
Rhodium	103-2				80		%
Scandium	45-1				71		%
Scandium	45-2				75		%
Selenium	82-1	1.33	-0.37	0.85	0.61	145.07	ppb
Selenium	77-2	11.03	7.85	3.14	7.34	54.07	ppb
Selenium	78-2	2.52	2.00	0.63	1.72	56.88	ppb
Silicon	28-1	1587.42	1582.95	1575.19	1581.85	0.39	ppb
Silver	107-1	0.11	0.12	0.09	0.11	17.69	ppb
Silver	109-1	0.12	0.11	0.11	0.11	8.31	ppb
Sodium	23-2	166.08	164.36	173.26	167.90	2.81	ppb
Strontium	86-1	46.11	44.35	45.42	45.30	1.96	ppb
Strontium	88-1	44.85	45.16	45.17	45.06	0.39	ppb
Sulfur	34-1	-1885.30	-1787.83	-1917.54	-1863.55		ppb
Terbium	159-1				84		%
Terbium	159-2				88		%
Thallium	203-1	0.56	0.43	0.50	0.50	13.72	ppb
Thallium	205-1	0.49	0.53	0.49	0.50	4.40	ppb
Tin	118-1	3.02	3.01	3.10	3.04	1.67	ppb
Titanium	47-1	339.74	345.37	341.69	342.27	0.83	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-15	Instrumnet Name :	P7
Client Sample ID :	MYD0C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:29:47	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.65	0.64	0.65	0.27	ppb
Vanadium	51-2	120.95	119.48	121.87	120.77	1.00	ppb
Yttrium	89-1				79		%
Yttrium	89-2				81		%
Zinc	66-2	274.49	278.50	281.94	278.31	1.34	ppb
Zirconium	90-1	5.11	5.02	4.94	5.02	1.68	ppb
Zirconium	91-1	5.00	4.74	4.99	4.91	3.02	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-16	Instrumnet Name :	P7
Client Sample ID :	MYD0C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:33:09	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51042.61	51333.78	50737.28	51037.89	0.58	ppb
Antimony	121-1	1.68	1.67	1.66	1.67	0.72	ppb
Arsenic	75-2	149.68	156.09	147.44	151.07	2.97	ppb
Barium	135-1	490.62	500.00	499.77	496.80	1.08	ppb
Barium	137-1	491.87	505.32	506.37	501.19	1.61	ppb
Beryllium	9-1	1.53	1.95	1.81	1.76	12.10	ppb
Bismuth	209-1				84		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.06	2.27	3.29	2.87	18.70	ppb
Cadmium	106-1	3.44	2.36	3.88	3.23	24.22	ppb
Cadmium	111-1	1.41	1.22	1.30	1.31	7.11	ppb
Calcium	43-1	13090.36	13184.03	13306.91	13193.77	0.82	ppb
Calcium	44-1	13350.06	13434.81	13481.92	13422.26	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	174.95	173.87	172.86	173.89	0.60	ppb
Cobalt	59-2	73.07	72.80	72.86	72.91	0.19	ppb
Copper	63-2	246.20	243.47	241.91	243.86	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				88		%
Holmium	165-2				91		%
Indium	115-1				81		%
Indium	115-2				82		%
Iron	56-2	114233.58	112478.42	112758.21	113156.74	0.83	ppb
Iron	57-2	112697.51	112156.99	113682.12	112845.54	0.69	ppb
Iron	54-2	115073.68	111335.71	112507.12	112972.17	1.69	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-16	Instrumnet Name :	P7
Client Sample ID :	MYD0C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:33:09	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.82	49.59	49.90	49.44	1.12	ppb
Lead	207-1	47.76	47.43	48.41	47.87	1.04	ppb
Lead	208-1	47.92	48.25	48.59	48.25	0.70	ppb
Lithium	6-1				71		%
Magnesium	24-2	23077.62	22644.45	22480.33	22734.14	1.36	ppb
Manganese	55-2	3389.09	3390.81	3379.44	3386.44	0.18	ppb
Molybdenum	94-1	38.83	38.67	39.53	39.01	1.17	ppb
Molybdenum	95-1	1.20	1.26	1.45	1.30	10.15	ppb
Molybdenum	96-1	6.09	6.34	6.18	6.20	2.09	ppb
Molybdenum	97-1	1.31	1.26	1.16	1.25	6.23	ppb
Molybdenum	98-1	1.21	1.20	1.25	1.22	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	160.71	156.82	162.14	159.89	1.72	ppb
Phosphorus	31-2	2407.78	2459.63	2247.43	2371.61	4.66	ppb
Potassium	39-2	10403.16	10322.57	10275.54	10333.75	0.62	ppb
Rhodium	103-1				78		%
Rhodium	103-2				81		%
Scandium	45-1				76		%
Scandium	45-2				82		%
Selenium	82-1	0.80	0.36	0.50	0.55	41.12	ppb
Selenium	77-2	16.27	19.25	14.79	16.77	13.55	ppb
Selenium	78-2	1.77	6.14	-1.27	2.21	168.05	ppb
Silicon	28-1	1710.64	1749.04	1740.79	1733.49	1.17	ppb
Silver	107-1	0.34	0.37	0.34	0.35	4.75	ppb
Silver	109-1	0.28	0.29	0.26	0.28	6.48	ppb
Sodium	23-2	202.15	201.55	196.03	199.91	1.69	ppb
Strontium	86-1	80.51	81.79	82.52	81.61	1.24	ppb
Strontium	88-1	82.12	82.30	84.32	82.91	1.47	ppb
Sulfur	34-1	-1893.36	-1961.42	-2010.32	-1955.03		ppb
Terbium	159-1				86		%
Terbium	159-2				90		%
Thallium	203-1	0.47	0.46	0.49	0.47	2.28	ppb
Thallium	205-1	0.48	0.45	0.47	0.46	2.69	ppb
Tin	118-1	3.31	3.30	3.25	3.29	0.98	ppb
Titanium	47-1	1430.81	1445.24	1464.11	1446.72	1.15	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-16	Instrumnet Name :	P7
Client Sample ID :	MYD0C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:33:09	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.35	1.36	1.36	0.57	ppb
Vanadium	51-2	241.92	240.64	240.72	241.09	0.30	ppb
Yttrium	89-1				84		%
Yttrium	89-2				87		%
Zinc	66-2	288.60	282.55	281.93	284.36	1.30	ppb
Zirconium	90-1	22.14	22.41	22.92	22.49	1.77	ppb
Zirconium	91-1	22.19	22.74	22.83	22.58	1.54	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-17	Instrumnet Name :	P7
Client Sample ID :	MYD0C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:36:33	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55039.25	56023.12	55568.14	55543.50	0.89	ppb
Antimony	121-1	0.81	0.77	0.82	0.80	3.23	ppb
Arsenic	75-2	123.06	122.62	125.84	123.84	1.41	ppb
Barium	135-1	481.89	487.41	494.59	487.96	1.30	ppb
Barium	137-1	489.45	491.63	496.17	492.41	0.70	ppb
Beryllium	9-1	1.93	2.05	2.51	2.16	14.21	ppb
Bismuth	209-1				84		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.83	1.88	3.04	2.58	23.94	ppb
Cadmium	106-1	-0.18	1.84	-0.76	0.30	457.53	ppb
Cadmium	111-1	0.61	0.81	0.56	0.66	20.17	ppb
Calcium	43-1	15063.03	15399.38	15211.71	15224.71	1.11	ppb
Calcium	44-1	15305.74	15513.76	15434.84	15418.11	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172.13	172.11	174.97	173.07	0.95	ppb
Cobalt	59-2	67.83	67.44	68.30	67.86	0.63	ppb
Copper	63-2	181.19	181.75	184.40	182.45	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				91		%
Indium	115-1				79		%
Indium	115-2				81		%
Iron	56-2	107868.35	108002.63	108335.84	108068.94	0.22	ppb
Iron	57-2	105749.54	109628.31	108326.68	107901.51	1.83	ppb
Iron	54-2	107940.36	107021.94	109339.56	108100.62	1.08	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-17	Instrumnet Name :	P7
Client Sample ID :	MYD0C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:36:33	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.59	34.09	33.55	33.74	0.89	ppb
Lead	207-1	32.81	32.90	32.77	32.83	0.20	ppb
Lead	208-1	32.80	33.23	33.27	33.10	0.79	ppb
Lithium	6-1				71		%
Magnesium	24-2	23650.12	24162.85	24133.23	23982.07	1.20	ppb
Manganese	55-2	3123.60	3124.07	3142.99	3130.22	0.35	ppb
Molybdenum	94-1	31.36	29.55	30.51	30.47	2.97	ppb
Molybdenum	95-1	1.00	0.86	1.02	0.96	9.21	ppb
Molybdenum	96-1	4.80	4.69	4.66	4.72	1.60	ppb
Molybdenum	97-1	0.81	0.84	1.01	0.89	12.17	ppb
Molybdenum	98-1	0.83	0.94	0.88	0.88	6.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.79	155.24	160.21	158.08	1.62	ppb
Phosphorus	31-2	2084.99	2066.06	2172.96	2108.00	2.71	ppb
Potassium	39-2	10465.57	10447.82	10534.99	10482.79	0.44	ppb
Rhodium	103-1				78		%
Rhodium	103-2				80		%
Scandium	45-1				76		%
Scandium	45-2				81		%
Selenium	82-1	0.59	0.23	1.09	0.64	67.91	ppb
Selenium	77-2	8.95	17.95	9.08	11.99	43.00	ppb
Selenium	78-2	5.81	2.34	-0.18	2.66	113.37	ppb
Silicon	28-1	1808.98	1810.53	1810.14	1809.88	0.04	ppb
Silver	107-1	0.61	0.59	0.59	0.60	2.47	ppb
Silver	109-1	0.59	0.65	0.60	0.61	5.62	ppb
Sodium	23-2	178.29	186.17	187.60	184.02	2.72	ppb
Strontium	86-1	82.43	79.99	81.08	81.17	1.51	ppb
Strontium	88-1	83.76	82.39	82.44	82.86	0.94	ppb
Sulfur	34-1	-1910.40	-1683.21	-1773.03	-1788.88		ppb
Terbium	159-1				84		%
Terbium	159-2				88		%
Thallium	203-1	0.46	0.44	0.44	0.44	2.32	ppb
Thallium	205-1	0.45	0.43	0.44	0.44	1.55	ppb
Tin	118-1	2.90	2.81	2.85	2.85	1.56	ppb
Titanium	47-1	1180.27	1192.91	1188.09	1187.09	0.54	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-17	Instrumnet Name :	P7
Client Sample ID :	MYD0C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:36:33	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.36	1.32	1.35	2.09	ppb
Vanadium	51-2	223.31	228.58	226.92	226.27	1.19	ppb
Yttrium	89-1				84		%
Yttrium	89-2				85		%
Zinc	66-2	251.76	251.92	246.21	249.96	1.30	ppb
Zirconium	90-1	18.28	17.06	17.63	17.66	3.45	ppb
Zirconium	91-1	17.97	17.07	17.44	17.49	2.59	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-18	Instrumnet Name :	P7
Client Sample ID :	MYD0D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:39:53	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62735.43	63146.57	62439.76	62773.92	0.57	ppb
Antimony	121-1	1.07	1.09	1.10	1.09	1.20	ppb
Arsenic	75-2	132.23	135.48	134.28	134.00	1.22	ppb
Barium	135-1	452.95	461.97	459.61	458.17	1.02	ppb
Barium	137-1	457.61	460.63	460.60	459.62	0.38	ppb
Beryllium	9-1	2.07	2.27	1.95	2.10	7.64	ppb
Bismuth	209-1				82		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	2.43	2.41	2.25	13.00	ppb
Cadmium	106-1	2.44	0.22	-0.65	0.67	237.99	ppb
Cadmium	111-1	0.51	0.31	0.13	0.32	60.16	ppb
Calcium	43-1	15079.34	15565.15	15399.95	15348.15	1.61	ppb
Calcium	44-1	15471.39	15687.80	15677.59	15612.26	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179.40	180.28	181.80	180.49	0.67	ppb
Cobalt	59-2	67.38	66.70	66.10	66.73	0.96	ppb
Copper	63-2	153.48	153.32	153.48	153.43	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				86		%
Holmium	165-2				91		%
Indium	115-1				79		%
Indium	115-2				80		%
Iron	56-2	118681.10	118388.36	117282.70	118117.39	0.62	ppb
Iron	57-2	117633.26	117515.53	116493.74	117214.18	0.53	ppb
Iron	54-2	118573.40	117943.63	117287.06	117934.70	0.55	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-18	Instrumnet Name :	P7
Client Sample ID :	MYD0D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:39:53	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.95	25.72	25.67	25.78	0.59	ppb
Lead	207-1	24.62	24.82	24.21	24.55	1.27	ppb
Lead	208-1	24.76	24.91	24.79	24.82	0.32	ppb
Lithium	6-1				72		%
Magnesium	24-2	24960.06	24778.59	25182.74	24973.80	0.81	ppb
Manganese	55-2	2879.08	2875.54	2868.73	2874.45	0.18	ppb
Molybdenum	94-1	38.36	38.22	37.85	38.14	0.69	ppb
Molybdenum	95-1	0.92	0.87	0.82	0.87	6.13	ppb
Molybdenum	96-1	5.96	5.65	5.45	5.69	4.47	ppb
Molybdenum	97-1	0.77	0.77	0.84	0.79	4.74	ppb
Molybdenum	98-1	0.85	0.96	0.82	0.88	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.61	163.65	158.31	160.19	1.87	ppb
Phosphorus	31-2	2085.16	2028.16	1994.11	2035.81	2.26	ppb
Potassium	39-2	10098.28	10160.78	10079.17	10112.74	0.42	ppb
Rhodium	103-1				76		%
Rhodium	103-2				80		%
Scandium	45-1				76		%
Scandium	45-2				80		%
Selenium	82-1	0.05	-1.38	0.74	-0.20		ppb
Selenium	77-2	12.06	5.99	9.05	9.03	33.62	ppb
Selenium	78-2	0.67	1.48	5.10	2.41	97.77	ppb
Silicon	28-1	1657.42	1722.01	1687.31	1688.91	1.91	ppb
Silver	107-1	0.18	0.15	0.16	0.17	8.49	ppb
Silver	109-1	0.17	0.16	0.14	0.15	9.17	ppb
Sodium	23-2	177.93	180.14	182.44	180.17	1.25	ppb
Strontium	86-1	82.24	82.64	81.77	82.22	0.53	ppb
Strontium	88-1	82.80	84.69	82.82	83.43	1.30	ppb
Sulfur	34-1	-2346.59	-2169.03	-2230.38	-2248.67		ppb
Terbium	159-1				84		%
Terbium	159-2				88		%
Thallium	203-1	0.39	0.36	0.44	0.40	9.37	ppb
Thallium	205-1	0.37	0.36	0.34	0.36	5.04	ppb
Tin	118-1	3.35	3.37	3.52	3.41	2.74	ppb
Titanium	47-1	1301.66	1323.92	1313.43	1313.00	0.85	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-18	Instrumnet Name :	P7
Client Sample ID :	MYD0D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:39:53	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.31	1.27	1.28	2.27	ppb
Vanadium	51-2	237.34	238.88	234.15	236.79	1.02	ppb
Yttrium	89-1				82		%
Yttrium	89-2				85		%
Zinc	66-2	232.13	233.32	228.81	231.42	1.01	ppb
Zirconium	90-1	21.45	21.88	21.53	21.62	1.07	ppb
Zirconium	91-1	21.78	22.09	21.72	21.86	0.92	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-19	Instrumnet Name :	P7
Client Sample ID :	MYD0D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59349.30	59246.27	59546.82	59380.80	0.26	ppb
Antimony	121-1	1.12	1.02	1.03	1.06	5.11	ppb
Arsenic	75-2	156.98	161.87	155.37	158.07	2.14	ppb
Barium	135-1	435.55	429.37	430.60	431.84	0.76	ppb
Barium	137-1	434.02	429.98	434.99	433.00	0.61	ppb
Beryllium	9-1	1.99	2.01	1.75	1.92	7.45	ppb
Bismuth	209-1				83		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.75	2.79	2.60	2.71	3.83	ppb
Cadmium	106-1	-0.46	0.79	0.05	0.13	495.65	ppb
Cadmium	111-1	0.25	0.29	0.24	0.26	9.98	ppb
Calcium	43-1	15553.60	15867.90	15877.08	15766.19	1.17	ppb
Calcium	44-1	15796.15	15991.11	16017.66	15934.97	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197.32	196.17	198.97	197.49	0.71	ppb
Cobalt	59-2	63.51	64.47	65.94	64.64	1.89	ppb
Copper	63-2	151.19	152.51	155.56	153.09	1.46	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				86		%
Holmium	165-2				91		%
Indium	115-1				78		%
Indium	115-2				80		%
Iron	56-2	116453.85	118742.30	118625.27	117940.47	1.09	ppb
Iron	57-2	117364.58	119230.88	116994.43	117863.30	1.02	ppb
Iron	54-2	118240.45	120038.31	118647.92	118975.56	0.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-19	Instrumnet Name :	P7
Client Sample ID :	MYD0D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.37	24.56	24.55	24.49	0.45	ppb
Lead	207-1	23.99	24.10	23.74	23.95	0.79	ppb
Lead	208-1	23.78	23.95	23.96	23.90	0.41	ppb
Lithium	6-1				70		%
Magnesium	24-2	24403.02	24928.51	24947.63	24759.72	1.25	ppb
Manganese	55-2	2678.68	2703.40	2691.52	2691.20	0.46	ppb
Molybdenum	94-1	38.50	37.78	38.77	38.35	1.34	ppb
Molybdenum	95-1	0.99	1.09	0.99	1.02	5.88	ppb
Molybdenum	96-1	6.07	5.99	5.80	5.95	2.36	ppb
Molybdenum	97-1	0.99	1.02	0.95	0.99	3.67	ppb
Molybdenum	98-1	0.96	0.93	0.99	0.96	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	164.45	166.04	165.28	165.26	0.48	ppb
Phosphorus	31-2	1965.20	2074.79	2106.48	2048.82	3.62	ppb
Potassium	39-2	8953.68	9029.02	9057.56	9013.42	0.60	ppb
Rhodium	103-1				75		%
Rhodium	103-2				79		%
Scandium	45-1				75		%
Scandium	45-2				80		%
Selenium	82-1	-1.49	0.30	0.69	-0.17		ppb
Selenium	77-2	16.45	19.67	13.57	16.56	18.45	ppb
Selenium	78-2	6.29	1.15	1.55	3.00	95.44	ppb
Silicon	28-1	1918.11	1938.37	1930.11	1928.86	0.53	ppb
Silver	107-1	0.14	0.18	0.17	0.16	12.58	ppb
Silver	109-1	0.16	0.16	0.15	0.16	5.73	ppb
Sodium	23-2	197.90	204.57	202.01	201.50	1.67	ppb
Strontium	86-1	81.00	81.27	82.37	81.55	0.89	ppb
Strontium	88-1	81.78	82.69	83.08	82.52	0.81	ppb
Sulfur	34-1	-2154.23	-2303.57	-2230.47	-2229.42		ppb
Terbium	159-1				84		%
Terbium	159-2				87		%
Thallium	203-1	0.39	0.40	0.31	0.37	13.31	ppb
Thallium	205-1	0.38	0.35	0.36	0.36	3.15	ppb
Tin	118-1	2.86	2.80	2.78	2.81	1.58	ppb
Titanium	47-1	1304.67	1317.33	1315.88	1312.62	0.53	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-19	Instrumnet Name :	P7
Client Sample ID :	MYD0D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.17	1.23	1.19	2.94	ppb
Vanadium	51-2	235.97	240.96	242.39	239.78	1.41	ppb
Yttrium	89-1				82		%
Yttrium	89-2				85		%
Zinc	66-2	223.10	229.69	224.50	225.76	1.54	ppb
Zirconium	90-1	21.63	21.83	22.14	21.87	1.16	ppb
Zirconium	91-1	21.78	22.58	21.96	22.11	1.89	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-20	Instrumnet Name :	P7
Client Sample ID :	MYD0D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:46:37	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31819.50	32476.80	31931.17	32075.82	1.10	ppb
Antimony	121-1	3.07	3.12	2.98	3.06	2.31	ppb
Arsenic	75-2	180.09	175.54	177.80	177.81	1.28	ppb
Barium	135-1	444.33	444.20	449.09	445.87	0.62	ppb
Barium	137-1	443.65	442.40	444.10	443.39	0.20	ppb
Beryllium	9-1	1.49	1.39	1.53	1.47	4.71	ppb
Bismuth	209-1				83		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.59	2.02	2.98	2.53	19.03	ppb
Cadmium	106-1	3.00	0.60	-1.07	0.85	241.61	ppb
Cadmium	111-1	1.45	1.20	1.14	1.26	12.79	ppb
Calcium	43-1	7734.57	7877.43	7934.54	7848.84	1.31	ppb
Calcium	44-1	7896.25	7979.93	7969.60	7948.59	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.11	121.41	119.29	120.27	0.89	ppb
Cobalt	59-2	52.71	54.26	52.82	53.26	1.62	ppb
Copper	63-2	255.57	260.20	254.42	256.73	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				91		%
Indium	115-1				78		%
Indium	115-2				80		%
Iron	56-2	100501.82	101518.13	100739.80	100919.92	0.53	ppb
Iron	57-2	103688.32	105255.29	104214.05	104385.89	0.76	ppb
Iron	54-2	102167.77	102296.80	101162.94	101875.84	0.61	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-20	Instrumnet Name :	P7
Client Sample ID :	MYD0D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:46:37	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.90	64.67	64.68	64.75	0.21	ppb
Lead	207-1	64.22	64.49	64.34	64.35	0.21	ppb
Lead	208-1	63.48	63.67	63.47	63.54	0.17	ppb
Lithium	6-1				68		%
Magnesium	24-2	14349.85	14606.09	14391.00	14448.98	0.95	ppb
Manganese	55-2	2460.96	2499.68	2471.51	2477.39	0.81	ppb
Molybdenum	94-1	39.00	39.99	39.07	39.35	1.40	ppb
Molybdenum	95-1	1.54	1.37	1.32	1.41	8.20	ppb
Molybdenum	96-1	6.04	6.23	6.05	6.11	1.80	ppb
Molybdenum	97-1	1.31	1.24	1.40	1.31	5.95	ppb
Molybdenum	98-1	1.27	1.31	1.36	1.31	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.71	116.15	117.03	116.96	0.67	ppb
Phosphorus	31-2	1815.79	1935.43	2006.61	1919.28	5.02	ppb
Potassium	39-2	7027.56	7150.03	7057.30	7078.30	0.90	ppb
Rhodium	103-1				74		%
Rhodium	103-2				79		%
Scandium	45-1				71		%
Scandium	45-2				76		%
Selenium	82-1	0.48	0.40	-0.61	0.09	660.31	ppb
Selenium	77-2	9.19	12.37	12.42	11.33	16.37	ppb
Selenium	78-2	1.27	-0.43	2.79	1.21	133.38	ppb
Silicon	28-1	1821.36	1852.66	1828.38	1834.13	0.90	ppb
Silver	107-1	0.51	0.51	0.53	0.51	2.30	ppb
Silver	109-1	0.56	0.56	0.52	0.55	4.45	ppb
Sodium	23-2	159.84	169.66	160.31	163.27	3.39	ppb
Strontium	86-1	64.01	64.53	63.62	64.05	0.72	ppb
Strontium	88-1	65.20	64.75	65.16	65.04	0.38	ppb
Sulfur	34-1	-1598.99	-1716.02	-1984.16	-1766.39		ppb
Terbium	159-1				82		%
Terbium	159-2				88		%
Thallium	203-1	0.65	0.63	0.56	0.61	8.20	ppb
Thallium	205-1	0.59	0.60	0.56	0.58	3.40	ppb
Tin	118-1	2.65	2.83	2.81	2.76	3.45	ppb
Titanium	47-1	1279.77	1289.97	1289.09	1286.28	0.44	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-20	Instrumnet Name :	P7
Client Sample ID :	MYD0D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:46:37	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.45	1.46	1.48	1.47	1.19	ppb
Vanadium	51-2	219.36	224.33	218.89	220.86	1.37	ppb
Yttrium	89-1				80		%
Yttrium	89-2				83		%
Zinc	66-2	259.15	261.95	264.62	261.90	1.04	ppb
Zirconium	90-1	22.50	21.91	22.24	22.22	1.33	ppb
Zirconium	91-1	21.97	22.47	21.76	22.07	1.67	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-21	Instrumnet Name :	P7
Client Sample ID :	MYD0D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:50:02	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32946.58	33705.36	33222.64	33291.52	1.15	ppb
Antimony	121-1	2.10	2.03	1.99	2.04	2.80	ppb
Arsenic	75-2	118.16	114.84	120.30	117.77	2.34	ppb
Barium	135-1	412.23	414.85	416.15	414.41	0.48	ppb
Barium	137-1	416.49	419.80	418.94	418.41	0.41	ppb
Beryllium	9-1	1.47	1.40	1.34	1.40	4.42	ppb
Bismuth	209-1				83		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.10	1.40	1.92	1.47	28.26	ppb
Cadmium	106-1	-1.77	1.29	1.02	0.18	941.48	ppb
Cadmium	111-1	0.63	0.77	0.71	0.70	10.26	ppb
Calcium	43-1	7437.01	7492.51	7473.54	7467.69	0.38	ppb
Calcium	44-1	7557.64	7619.67	7657.63	7611.65	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112.38	114.27	111.32	112.65	1.33	ppb
Cobalt	59-2	52.18	52.49	52.99	52.55	0.77	ppb
Copper	63-2	160.08	163.89	165.30	163.09	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				91		%
Indium	115-1				78		%
Indium	115-2				80		%
Iron	56-2	90169.09	92173.96	91769.05	91370.70	1.16	ppb
Iron	57-2	93242.34	95453.30	94034.78	94243.47	1.19	ppb
Iron	54-2	90274.99	92086.68	91919.13	91426.93	1.10	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-21	Instrumnet Name :	P7
Client Sample ID :	MYD0D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:50:02	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.24	40.07	40.43	40.25	0.45	ppb
Lead	207-1	38.67	39.40	39.48	39.18	1.14	ppb
Lead	208-1	39.06	39.67	39.61	39.44	0.86	ppb
Lithium	6-1				68		%
Magnesium	24-2	14085.70	14377.28	14168.51	14210.49	1.06	ppb
Manganese	55-2	2278.99	2321.67	2306.81	2302.49	0.94	ppb
Molybdenum	94-1	24.54	25.16	24.79	24.83	1.26	ppb
Molybdenum	95-1	1.07	1.29	1.22	1.19	9.60	ppb
Molybdenum	96-1	4.37	4.43	4.35	4.38	0.89	ppb
Molybdenum	97-1	1.27	1.19	1.17	1.21	4.19	ppb
Molybdenum	98-1	1.25	1.19	1.26	1.24	3.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.42	111.62	112.41	111.15	1.39	ppb
Phosphorus	31-2	1459.49	1411.11	1403.45	1424.68	2.13	ppb
Potassium	39-2	6505.13	6672.57	6564.63	6580.77	1.29	ppb
Rhodium	103-1				76		%
Rhodium	103-2				79		%
Scandium	45-1				71		%
Scandium	45-2				76		%
Selenium	82-1	1.48	1.37	-0.85	0.67	197.68	ppb
Selenium	77-2	16.98	4.66	10.86	10.83	56.83	ppb
Selenium	78-2	-1.36	4.18	2.78	1.87	154.34	ppb
Silicon	28-1	1860.52	1898.67	1896.36	1885.19	1.13	ppb
Silver	107-1	0.21	0.23	0.23	0.22	6.45	ppb
Silver	109-1	0.21	0.22	0.21	0.21	3.51	ppb
Sodium	23-2	161.47	159.20	169.93	163.53	3.46	ppb
Strontium	86-1	57.57	59.52	60.61	59.23	2.60	ppb
Strontium	88-1	58.75	60.26	60.45	59.82	1.56	ppb
Sulfur	34-1	-1705.12	-1744.98	-1859.24	-1769.78		ppb
Terbium	159-1				82		%
Terbium	159-2				88		%
Thallium	203-1	0.46	0.44	0.41	0.43	5.77	ppb
Thallium	205-1	0.43	0.45	0.47	0.45	5.04	ppb
Tin	118-1	2.36	2.42	2.32	2.37	2.17	ppb
Titanium	47-1	1260.06	1272.53	1279.13	1270.57	0.76	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-21	Instrumnet Name :	P7
Client Sample ID :	MYD0D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:50:02	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.39	1.43	1.45	1.42	2.01	ppb
Vanadium	51-2	181.30	182.13	180.83	181.42	0.36	ppb
Yttrium	89-1				80		%
Yttrium	89-2				83		%
Zinc	66-2	212.29	223.07	208.94	214.77	3.44	ppb
Zirconium	90-1	13.55	13.82	13.76	13.71	1.03	ppb
Zirconium	91-1	13.97	13.83	14.06	13.95	0.86	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-22	Instrumnet Name :	P7
Client Sample ID :	MYD0D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:53:25	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43735.17	43724.25	44185.18	43881.53	0.60	ppb
Antimony	121-1	1.85	1.86	1.76	1.82	2.86	ppb
Arsenic	75-2	130.95	130.30	126.89	129.38	1.69	ppb
Barium	135-1	519.10	529.12	528.69	525.64	1.08	ppb
Barium	137-1	523.85	525.28	535.10	528.08	1.16	ppb
Beryllium	9-1	2.30	1.99	2.04	2.11	7.95	ppb
Bismuth	209-1				83		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.80	1.38	0.86	1.34	35.22	ppb
Cadmium	106-1	2.92	-0.04	1.42	1.43	103.09	ppb
Cadmium	111-1	0.54	0.32	0.45	0.44	25.17	ppb
Calcium	43-1	9867.64	10055.38	10081.55	10001.52	1.17	ppb
Calcium	44-1	9829.64	9943.48	10042.90	9938.67	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172.76	170.18	171.29	171.41	0.75	ppb
Cobalt	59-2	62.24	62.90	62.14	62.43	0.66	ppb
Copper	63-2	145.17	145.24	145.54	145.32	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				86		%
Holmium	165-2				91		%
Indium	115-1				79		%
Indium	115-2				80		%
Iron	56-2	103143.12	103295.55	103098.74	103179.14	0.10	ppb
Iron	57-2	106530.50	106269.79	106732.29	106510.86	0.22	ppb
Iron	54-2	103515.72	103062.73	102350.98	102976.48	0.57	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-22	Instrumnet Name :	P7
Client Sample ID :	MYD0D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:53:25	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.14	33.95	34.30	34.13	0.52	ppb
Lead	207-1	32.11	32.12	32.48	32.24	0.65	ppb
Lead	208-1	32.68	32.82	32.80	32.76	0.22	ppb
Lithium	6-1				68		%
Magnesium	24-2	16886.61	16982.26	16849.90	16906.25	0.40	ppb
Manganese	55-2	2902.65	2899.30	2901.17	2901.04	0.06	ppb
Molybdenum	94-1	30.12	30.45	30.31	30.29	0.55	ppb
Molybdenum	95-1	1.55	1.58	1.56	1.56	0.86	ppb
Molybdenum	96-1	5.30	5.34	5.43	5.36	1.23	ppb
Molybdenum	97-1	1.59	1.63	1.47	1.56	5.34	ppb
Molybdenum	98-1	1.46	1.66	1.58	1.57	6.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.61	138.69	135.74	136.68	1.28	ppb
Phosphorus	31-2	1714.69	1723.81	1759.28	1732.60	1.36	ppb
Potassium	39-2	7930.37	7901.02	7902.63	7911.34	0.21	ppb
Rhodium	103-1				75		%
Rhodium	103-2				79		%
Scandium	45-1				72		%
Scandium	45-2				77		%
Selenium	82-1	-0.25	0.30	-0.02	0.01	4550.01	ppb
Selenium	77-2	10.82	26.08	15.15	17.35	45.32	ppb
Selenium	78-2	2.29	-0.06	7.83	3.35	120.88	ppb
Silicon	28-1	1872.88	1887.19	1889.58	1883.22	0.48	ppb
Silver	107-1	0.11	0.13	0.11	0.12	9.76	ppb
Silver	109-1	0.11	0.13	0.13	0.12	11.52	ppb
Sodium	23-2	180.41	177.59	185.51	181.17	2.21	ppb
Strontium	86-1	72.61	74.21	73.30	73.38	1.09	ppb
Strontium	88-1	73.86	74.96	74.39	74.40	0.73	ppb
Sulfur	34-1	-1704.64	-1592.21	-1788.31	-1695.06		ppb
Terbium	159-1				83		%
Terbium	159-2				88		%
Thallium	203-1	0.67	0.64	0.60	0.63	5.61	ppb
Thallium	205-1	0.60	0.62	0.60	0.61	1.78	ppb
Tin	118-1	2.55	2.64	2.69	2.62	2.67	ppb
Titanium	47-1	1362.83	1376.17	1380.64	1373.21	0.67	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-22	Instrumnet Name :	P7
Client Sample ID :	MYD0D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:53:25	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.81	1.90	1.85	1.85	2.44	ppb
Vanadium	51-2	215.79	217.15	215.02	215.99	0.50	ppb
Yttrium	89-1				82		%
Yttrium	89-2				84		%
Zinc	66-2	211.91	210.45	208.07	210.14	0.92	ppb
Zirconium	90-1	16.69	17.30	16.95	16.98	1.82	ppb
Zirconium	91-1	16.16	16.26	16.57	16.33	1.29	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-01	Instrumnet Name :	P7
Client Sample ID :	MYD0D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:56:49	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39085.88	39468.00	39425.82	39326.57	0.53	ppb
Antimony	121-1	1.73	1.71	1.63	1.69	3.29	ppb
Arsenic	75-2	127.02	124.25	127.34	126.20	1.35	ppb
Barium	135-1	378.08	378.90	384.47	380.48	0.91	ppb
Barium	137-1	382.64	387.24	383.89	384.59	0.62	ppb
Beryllium	9-1	1.82	1.63	1.76	1.74	5.44	ppb
Bismuth	209-1				82		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.08	2.35	1.83	1.75	36.33	ppb
Cadmium	106-1	0.34	1.10	1.81	1.08	68.11	ppb
Cadmium	111-1	0.36	0.31	0.35	0.34	7.56	ppb
Calcium	43-1	7650.71	7553.44	7691.18	7631.78	0.93	ppb
Calcium	44-1	7683.00	7654.38	7786.42	7707.93	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.72	122.88	125.54	123.71	1.28	ppb
Cobalt	59-2	45.41	44.97	45.30	45.23	0.51	ppb
Copper	63-2	103.01	101.17	102.12	102.10	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				85		%
Holmium	165-2				89		%
Indium	115-1				78		%
Indium	115-2				79		%
Iron	56-2	87468.84	86336.20	88473.65	87426.23	1.22	ppb
Iron	57-2	90394.29	89137.14	90778.02	90103.15	0.95	ppb
Iron	54-2	87122.28	86751.88	87109.75	86994.64	0.24	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-01	Instrumnet Name :	P7
Client Sample ID :	MYD0D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:56:49	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.57	24.85	24.72	25.04	1.83	ppb
Lead	207-1	23.61	23.91	23.96	23.83	0.79	ppb
Lead	208-1	24.25	24.20	24.10	24.18	0.32	ppb
Lithium	6-1				67		%
Magnesium	24-2	13573.72	13459.58	13650.01	13561.10	0.71	ppb
Manganese	55-2	2108.70	2083.64	2124.27	2105.54	0.97	ppb
Molybdenum	94-1	32.17	32.40	32.31	32.29	0.36	ppb
Molybdenum	95-1	1.20	1.03	1.20	1.14	8.82	ppb
Molybdenum	96-1	5.20	4.91	5.35	5.15	4.40	ppb
Molybdenum	97-1	1.11	1.04	1.06	1.07	3.13	ppb
Molybdenum	98-1	1.18	1.14	1.07	1.13	5.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.41	107.02	107.42	107.28	0.21	ppb
Phosphorus	31-2	1316.59	1334.56	1255.85	1302.33	3.17	ppb
Potassium	39-2	6403.09	6340.87	6430.57	6391.51	0.72	ppb
Rhodium	103-1				74		%
Rhodium	103-2				78		%
Scandium	45-1				71		%
Scandium	45-2				75		%
Selenium	82-1	1.37	0.65	0.14	0.72	85.78	ppb
Selenium	77-2	11.09	14.05	11.01	12.05	14.39	ppb
Selenium	78-2	-1.14	1.49	1.57	0.64	241.82	ppb
Silicon	28-1	1869.81	1872.94	1874.13	1872.29	0.12	ppb
Silver	107-1	0.09	0.11	0.11	0.10	8.14	ppb
Silver	109-1	0.07	0.09	0.08	0.08	13.48	ppb
Sodium	23-2	149.85	149.12	153.13	150.70	1.42	ppb
Strontium	86-1	56.68	56.67	59.55	57.63	2.89	ppb
Strontium	88-1	58.54	57.65	58.87	58.35	1.08	ppb
Sulfur	34-1	-1565.89	-1794.71	-1743.74	-1701.45		ppb
Terbium	159-1				82		%
Terbium	159-2				85		%
Thallium	203-1	0.51	0.53	0.50	0.51	3.23	ppb
Thallium	205-1	0.45	0.51	0.50	0.49	6.46	ppb
Tin	118-1	2.71	2.59	2.54	2.61	3.24	ppb
Titanium	47-1	1177.11	1179.52	1189.21	1181.94	0.54	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-01	Instrumnet Name :	P7
Client Sample ID :	MYD0D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:56:49	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.38	1.44	1.42	1.42	2.20	ppb
Vanadium	51-2	183.63	182.93	184.69	183.75	0.48	ppb
Yttrium	89-1				78		%
Yttrium	89-2				81		%
Zinc	66-2	171.94	173.01	174.93	173.29	0.87	ppb
Zirconium	90-1	18.43	17.88	18.28	18.20	1.56	ppb
Zirconium	91-1	18.16	18.04	18.43	18.21	1.11	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-02	Instrumnet Name :	P7
Client Sample ID :	MYD0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:00:12	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33590.97	32304.75	32817.85	32904.52	1.97	ppb
Antimony	121-1	2.14	2.04	2.23	2.14	4.54	ppb
Arsenic	75-2	129.55	127.76	128.30	128.54	0.71	ppb
Barium	135-1	540.11	534.85	545.55	540.17	0.99	ppb
Barium	137-1	547.14	540.83	548.01	545.33	0.72	ppb
Beryllium	9-1	1.69	1.71	1.60	1.67	3.61	ppb
Bismuth	209-1				81		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	2.03	1.31	1.78	22.59	ppb
Cadmium	106-1	-0.13	1.83	-0.45	0.42	295.95	ppb
Cadmium	111-1	0.48	0.80	0.65	0.65	24.72	ppb
Calcium	43-1	8359.13	8254.72	8206.37	8273.41	0.94	ppb
Calcium	44-1	8274.37	8418.17	8312.40	8334.98	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.28	105.69	107.98	106.98	1.10	ppb
Cobalt	59-2	53.36	51.64	53.02	52.67	1.73	ppb
Copper	63-2	191.57	185.28	188.56	188.47	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				88		%
Indium	115-1				77		%
Indium	115-2				78		%
Iron	56-2	90098.17	87093.85	88152.00	88448.00	1.72	ppb
Iron	57-2	93021.87	89914.89	91158.83	91365.20	1.71	ppb
Iron	54-2	90489.90	86237.09	88064.04	88263.68	2.42	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-02	Instrumnet Name :	P7
Client Sample ID :	MYD0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:00:12	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.20	46.37	45.76	45.77	1.28	ppb
Lead	207-1	45.32	44.97	45.60	45.30	0.70	ppb
Lead	208-1	44.78	45.21	44.96	44.98	0.48	ppb
Lithium	6-1				66		%
Magnesium	24-2	13697.91	13303.90	13414.69	13472.16	1.51	ppb
Manganese	55-2	4762.48	4594.89	4711.23	4689.53	1.83	ppb
Molybdenum	94-1	23.62	24.59	24.47	24.23	2.19	ppb
Molybdenum	95-1	1.08	1.29	1.30	1.22	10.33	ppb
Molybdenum	96-1	4.10	4.32	4.21	4.21	2.67	ppb
Molybdenum	97-1	1.04	1.08	1.16	1.09	5.38	ppb
Molybdenum	98-1	1.04	1.06	1.21	1.10	8.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.36	108.20	108.59	109.72	2.10	ppb
Phosphorus	31-2	1753.24	1561.07	1677.08	1663.80	5.82	ppb
Potassium	39-2	6851.72	6656.44	6748.60	6752.26	1.45	ppb
Rhodium	103-1				72		%
Rhodium	103-2				77		%
Scandium	45-1				69		%
Scandium	45-2				74		%
Selenium	82-1	1.50	0.39	0.45	0.78	79.44	ppb
Selenium	77-2	10.97	7.91	15.77	11.55	34.30	ppb
Selenium	78-2	6.59	0.23	-0.26	2.19	174.53	ppb
Silicon	28-1	1774.52	1792.61	1786.06	1784.39	0.51	ppb
Silver	107-1	0.30	0.34	0.34	0.33	7.48	ppb
Silver	109-1	0.29	0.29	0.32	0.30	4.74	ppb
Sodium	23-2	151.99	148.61	156.40	152.33	2.57	ppb
Strontium	86-1	72.03	73.12	73.38	72.84	0.98	ppb
Strontium	88-1	72.46	74.33	73.94	73.58	1.34	ppb
Sulfur	34-1	-1627.45	-1642.40	-1726.38	-1665.41		ppb
Terbium	159-1				81		%
Terbium	159-2				83		%
Thallium	203-1	0.78	0.70	0.85	0.78	9.71	ppb
Thallium	205-1	0.69	0.75	0.74	0.73	4.71	ppb
Tin	118-1	2.51	2.45	2.62	2.53	3.51	ppb
Titanium	47-1	1221.85	1229.68	1224.48	1225.34	0.33	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-02	Instrumnet Name :	P7
Client Sample ID :	MYD0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:00:12	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.43	1.51	1.50	1.48	2.80	ppb
Vanadium	51-2	186.98	179.94	181.81	182.91	1.99	ppb
Yttrium	89-1				79		%
Yttrium	89-2				81		%
Zinc	66-2	247.53	238.13	244.29	243.31	1.96	ppb
Zirconium	90-1	13.39	13.73	13.57	13.56	1.24	ppb
Zirconium	91-1	13.61	13.90	13.70	13.74	1.06	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-03	Instrumnet Name :	P7
Client Sample ID :	MYD0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:03:38	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59648.82	58695.24	57826.61	58723.56	1.55	ppb
Antimony	121-1	1.80	1.88	1.75	1.81	3.59	ppb
Arsenic	75-2	156.57	160.52	160.36	159.15	1.41	ppb
Barium	135-1	339.39	341.63	336.26	339.09	0.80	ppb
Barium	137-1	339.80	343.81	340.52	341.37	0.63	ppb
Beryllium	9-1	1.08	0.91	0.94	0.98	9.26	ppb
Bismuth	209-1				81		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.55	4.23	5.20	5.00	13.69	ppb
Cadmium	106-1	2.88	1.95	3.00	2.61	21.95	ppb
Cadmium	111-1	3.91	3.65	3.63	3.73	4.11	ppb
Calcium	43-1	13396.09	13427.53	13565.26	13462.96	0.67	ppb
Calcium	44-1	13517.06	13584.00	13537.42	13546.16	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	355.85	355.09	353.79	354.91	0.29	ppb
Cobalt	59-2	107.56	108.16	107.82	107.84	0.28	ppb
Copper	63-2	608.38	609.77	605.16	607.77	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				82		%
Indium	115-1				76		%
Indium	115-2				77		%
Iron	56-2	116349.86	117111.30	115033.11	116164.75	0.91	ppb
Iron	57-2	116141.96	115391.87	115753.26	115762.37	0.32	ppb
Iron	54-2	117456.68	115900.42	116018.81	116458.63	0.74	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-03	Instrumnet Name :	P7
Client Sample ID :	MYD0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:03:38	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	140.80	140.81	139.79	140.47	0.42	ppb
Lead	207-1	139.91	141.32	140.80	140.68	0.51	ppb
Lead	208-1	139.51	140.01	139.58	139.70	0.19	ppb
Lithium	6-1				66		%
Magnesium	24-2	34482.35	34254.41	33914.22	34216.99	0.84	ppb
Manganese	55-2	2758.79	2769.23	2738.25	2755.42	0.57	ppb
Molybdenum	94-1	15.76	16.45	16.74	16.32	3.10	ppb
Molybdenum	95-1	0.97	1.00	0.98	0.98	1.27	ppb
Molybdenum	96-1	3.43	3.57	3.39	3.46	2.68	ppb
Molybdenum	97-1	1.03	0.97	0.95	0.98	4.08	ppb
Molybdenum	98-1	0.90	0.96	1.00	0.95	5.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	222.39	225.84	223.83	224.02	0.77	ppb
Phosphorus	31-2	1081.30	974.69	981.36	1012.45	5.90	ppb
Potassium	39-2	3458.27	3433.10	3439.52	3443.63	0.38	ppb
Rhodium	103-1				71		%
Rhodium	103-2				75		%
Scandium	45-1				71		%
Scandium	45-2				75		%
Selenium	82-1	1.44	2.00	3.13	2.19	39.28	ppb
Selenium	77-2	6.53	8.14	6.51	7.06	13.24	ppb
Selenium	78-2	0.08	2.91	3.87	2.29	86.26	ppb
Silicon	28-1	1766.75	1776.93	1783.79	1775.83	0.48	ppb
Silver	107-1	0.88	0.91	0.96	0.92	4.52	ppb
Silver	109-1	0.95	1.02	0.96	0.97	3.72	ppb
Sodium	23-2	163.06	166.77	164.64	164.82	1.13	ppb
Strontium	86-1	62.48	61.36	62.18	62.00	0.93	ppb
Strontium	88-1	62.43	62.58	63.70	62.90	1.11	ppb
Sulfur	34-1	-1827.05	-1949.24	-1982.89	-1919.73		ppb
Terbium	159-1				81		%
Terbium	159-2				81		%
Thallium	203-1	0.23	0.21	0.25	0.23	7.89	ppb
Thallium	205-1	0.25	0.25	0.24	0.24	1.25	ppb
Tin	118-1	2.99	3.03	2.96	2.99	1.23	ppb
Titanium	47-1	2298.98	2316.67	2323.32	2312.99	0.54	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-03	Instrumnet Name :	P7
Client Sample ID :	MYD0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:03:38	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	0.98	0.95	0.97	1.97	ppb
Vanadium	51-2	288.71	289.20	287.04	288.32	0.39	ppb
Yttrium	89-1				76		%
Yttrium	89-2				79		%
Zinc	66-2	411.34	398.45	404.25	404.68	1.60	ppb
Zirconium	90-1	8.82	8.71	9.18	8.90	2.77	ppb
Zirconium	91-1	8.88	9.25	9.09	9.07	2.05	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-04	Instrumnet Name :	P7
Client Sample ID :	MYD0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:07:00	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48697.26	49391.13	48303.95	48797.45	1.13	ppb
Antimony	121-1	0.71	0.70	0.69	0.70	1.21	ppb
Arsenic	75-2	68.82	64.10	71.42	68.11	5.45	ppb
Barium	135-1	253.15	258.11	255.69	255.65	0.97	ppb
Barium	137-1	254.10	256.00	256.07	255.39	0.44	ppb
Beryllium	9-1	0.91	0.77	0.74	0.81	10.90	ppb
Bismuth	209-1				80		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.21	1.99	2.53	2.24	12.09	ppb
Cadmium	106-1	-2.25	-0.96	-1.71	-1.64		ppb
Cadmium	111-1	0.40	0.39	0.54	0.44	19.62	ppb
Calcium	43-1	11625.17	11456.28	11863.73	11648.39	1.76	ppb
Calcium	44-1	11691.55	11830.08	11917.22	11812.95	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	292.56	298.52	295.90	295.66	1.01	ppb
Cobalt	59-2	81.18	83.70	83.18	82.69	1.61	ppb
Copper	63-2	264.66	270.84	272.22	269.24	1.50	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				83		%
Holmium	165-2				81		%
Indium	115-1				75		%
Indium	115-2				76		%
Iron	56-2	94638.43	94850.12	94444.61	94644.39	0.21	ppb
Iron	57-2	96877.36	98774.61	98196.39	97949.45	0.99	ppb
Iron	54-2	93922.93	95732.35	96051.64	95235.64	1.21	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-04	Instrumnet Name :	P7
Client Sample ID :	MYD0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:07:00	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.06	19.98	20.31	20.12	0.86	ppb
Lead	207-1	19.51	20.08	19.25	19.61	2.16	ppb
Lead	208-1	19.66	19.60	19.62	19.63	0.15	ppb
Lithium	6-1				64		%
Magnesium	24-2	26412.32	27006.03	26801.71	26740.02	1.13	ppb
Manganese	55-2	1901.30	1946.73	1922.73	1923.59	1.18	ppb
Molybdenum	94-1	9.66	9.78	9.32	9.59	2.46	ppb
Molybdenum	95-1	0.62	0.58	0.61	0.61	3.25	ppb
Molybdenum	96-1	2.18	2.12	2.20	2.17	1.92	ppb
Molybdenum	97-1	0.47	0.50	0.51	0.49	4.41	ppb
Molybdenum	98-1	0.52	0.52	0.49	0.51	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	179.52	181.36	183.21	181.36	1.02	ppb
Phosphorus	31-2	517.87	514.82	469.33	500.67	5.43	ppb
Potassium	39-2	1413.48	1430.26	1419.76	1421.16	0.60	ppb
Rhodium	103-1				71		%
Rhodium	103-2				75		%
Scandium	45-1				69		%
Scandium	45-2				73		%
Selenium	82-1	2.60	0.49	0.87	1.32	84.84	ppb
Selenium	77-2	1.64	1.66	1.66	1.66	0.69	ppb
Selenium	78-2	0.62	1.22	2.22	1.36	59.69	ppb
Silicon	28-1	1844.64	1879.94	1874.35	1866.31	1.02	ppb
Silver	107-1	0.22	0.20	0.23	0.22	6.03	ppb
Silver	109-1	0.21	0.20	0.23	0.21	7.56	ppb
Sodium	23-2	164.61	162.93	163.06	163.53	0.57	ppb
Strontium	86-1	48.76	48.85	47.98	48.53	0.99	ppb
Strontium	88-1	48.96	49.28	49.41	49.22	0.47	ppb
Sulfur	34-1	-2011.76	-2022.78	-1829.18	-1954.57		ppb
Terbium	159-1				80		%
Terbium	159-2				79		%
Thallium	203-1	0.16	0.16	0.13	0.15	12.65	ppb
Thallium	205-1	0.14	0.14	0.14	0.14	2.01	ppb
Tin	118-1	2.14	2.29	2.13	2.18	4.19	ppb
Titanium	47-1	1765.90	1782.44	1797.20	1781.85	0.88	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-04	Instrumnet Name :	P7
Client Sample ID :	MYD0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:07:00	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.71	0.70	0.71	1.69	ppb
Vanadium	51-2	232.98	239.05	235.29	235.77	1.30	ppb
Yttrium	89-1				75		%
Yttrium	89-2				77		%
Zinc	66-2	165.79	164.59	160.16	163.51	1.81	ppb
Zirconium	90-1	5.26	5.17	5.07	5.17	1.78	ppb
Zirconium	91-1	5.40	5.16	5.27	5.28	2.34	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:10:26	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41057.12	41092.89	40549.60	40899.87	0.74	ppb
Antimony	121-1	446.60	456.50	456.66	453.25	1.27	ppb
Arsenic	75-2	475.12	477.29	479.24	477.22	0.43	ppb
Barium	135-1	2233.69	2280.87	2276.40	2263.66	1.15	ppb
Barium	137-1	2400.98	2461.88	2446.90	2436.59	1.30	ppb
Beryllium	9-1	480.20	489.87	487.56	485.88	1.04	ppb
Bismuth	209-1				84		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	461.02	480.69	475.81	472.51	2.17	ppb
Cadmium	106-1	473.51	476.16	473.82	474.50	0.31	ppb
Cadmium	111-1	477.38	485.49	485.48	482.78	0.97	ppb
Calcium	43-1	258003.33	260801.64	261172.86	259992.61	0.67	ppb
Calcium	44-1	243760.90	247885.09	246787.16	246144.38	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.01	491.74	497.99	494.91	0.63	ppb
Cobalt	59-2	527.58	520.08	522.79	523.48	0.73	ppb
Copper	63-2	5295.36	5172.47	5221.02	5229.62	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				97		%
Indium	115-1				79		%
Indium	115-2				84		%
Iron	56-2	109970.22	108715.59	108247.94	108977.92	0.82	ppb
Iron	57-2	108259.14	108875.37	110662.78	109265.76	1.14	ppb
Iron	54-2	109705.77	108412.13	109003.21	109040.37	0.59	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:10:26	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2722.03	2741.91	2737.96	2733.97	0.38	ppb
Lead	207-1	2765.78	2732.76	2774.89	2757.81	0.80	ppb
Lead	208-1	2712.52	2732.30	2753.46	2732.76	0.75	ppb
Lithium	6-1				74		%
Magnesium	24-2	207996.01	206198.69	206501.71	206898.80	0.47	ppb
Manganese	55-2	5066.60	5013.96	5036.42	5038.99	0.52	ppb
Molybdenum	94-1	4989.18	4983.58	5001.66	4991.47	0.19	ppb
Molybdenum	95-1	5003.19	4980.31	5015.27	4999.59	0.36	ppb
Molybdenum	96-1	4984.83	4946.06	5024.02	4984.97	0.78	ppb
Molybdenum	97-1	4969.36	4909.43	4986.14	4954.98	0.81	ppb
Molybdenum	98-1	4964.06	4915.69	4986.68	4955.47	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.30	516.27	521.45	520.34	0.70	ppb
Phosphorus	31-2	9638.54	9366.67	9749.17	9584.79	2.05	ppb
Potassium	39-2	103640.42	101542.71	102839.24	102674.12	1.03	ppb
Rhodium	103-1				74		%
Rhodium	103-2				81		%
Scandium	45-1				72		%
Scandium	45-2				82		%
Selenium	82-1	466.84	465.54	467.99	466.79	0.26	ppb
Selenium	77-2	469.96	461.90	497.95	476.60	3.97	ppb
Selenium	78-2	445.52	488.44	483.03	472.33	4.95	ppb
Silicon	28-1	767.34	781.91	775.21	774.82	0.94	ppb
Silver	107-1	482.83	488.21	491.95	487.66	0.94	ppb
Silver	109-1	480.97	487.13	490.31	486.13	0.98	ppb
Sodium	23-2	199135.11	199568.93	200898.89	199867.64	0.46	ppb
Strontium	86-1	12187.37	12131.77	12305.12	12208.09	0.73	ppb
Strontium	88-1	12358.03	12274.00	12298.46	12310.16	0.35	ppb
Sulfur	34-1	9519.17	9728.68	9643.74	9630.53	1.09	ppb
Terbium	159-1				86		%
Terbium	159-2				95		%
Thallium	203-1	492.20	493.75	495.07	493.67	0.29	ppb
Thallium	205-1	546.63	537.25	552.98	545.62	1.45	ppb
Tin	118-1	449.90	456.27	460.25	455.48	1.15	ppb
Titanium	47-1	5147.05	5166.17	5142.73	5151.98	0.24	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:10:26	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	574.45	580.41	581.46	578.77	0.65	ppb
Vanadium	51-2	499.88	493.33	496.82	496.68	0.66	ppb
Yttrium	89-1				80		%
Yttrium	89-2				85		%
Zinc	66-2	5200.55	5191.85	5198.05	5196.81	0.09	ppb
Zirconium	90-1	491.14	489.84	493.49	491.49	0.38	ppb
Zirconium	91-1	490.36	489.47	491.43	490.42	0.20	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:13:30	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.17	0.98	1.02	1.06	9.30	ppb
Antimony	121-1	0.37	0.37	0.38	0.37	1.03	ppb
Arsenic	75-2	-0.02	0.02	-0.02	0.00		ppb
Barium	135-1	-0.05	-0.05	-0.09	-0.07		ppb
Barium	137-1	-0.03	-0.08	-0.07	-0.06		ppb
Beryllium	9-1	0.25	0.11	0.11	0.16	52.83	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.20	-0.09	0.07	198.85	ppb
Cadmium	106-1	-1.27	-0.54	-2.57	-1.46		ppb
Cadmium	111-1	-0.04	-0.03	-0.14	-0.07		ppb
Calcium	43-1	-6.60	-2.26	-5.29	-4.72		ppb
Calcium	44-1	-33.51	-35.31	-35.40	-34.74		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	0.07	0.01	641.62	ppb
Cobalt	59-2	0.04	0.00	0.01	0.02	107.17	ppb
Copper	63-2	0.45	0.30	0.14	0.30	51.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				96		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	6.87	6.96	7.76	7.20	6.82	ppb
Iron	57-2	0.59	1.21	4.40	2.07	98.77	ppb
Iron	54-2	7.53	5.05	7.55	6.71	21.40	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:13:30	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.25	0.20	0.23	0.23	12.07	ppb
Lead	207-1	0.23	0.20	0.22	0.22	7.42	ppb
Lead	208-1	0.27	0.20	0.22	0.23	15.27	ppb
Lithium	6-1				81		%
Magnesium	24-2	3.94	4.73	5.44	4.70	15.96	ppb
Manganese	55-2	0.14	0.11	0.32	0.19	59.86	ppb
Molybdenum	94-1	0.41	0.31	0.33	0.35	15.23	ppb
Molybdenum	95-1	0.35	0.27	0.26	0.30	17.15	ppb
Molybdenum	96-1	0.33	0.34	0.36	0.34	4.83	ppb
Molybdenum	97-1	0.37	0.28	0.31	0.32	13.31	ppb
Molybdenum	98-1	0.34	0.29	0.32	0.32	8.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.37	-0.28	-0.13	-0.26		ppb
Phosphorus	31-2	-1.90	-6.22	-16.97	-8.36		ppb
Potassium	39-2	-18.57	-20.49	-20.64	-19.90		ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				77		%
Scandium	45-2				80		%
Selenium	82-1	0.43	0.86	-0.15	0.38	134.25	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.98	-1.98	-1.94	-1.97		ppb
Silicon	28-1	-2.06	-1.84	-1.84	-1.91		ppb
Silver	107-1	0.06	0.07	0.07	0.07	12.44	ppb
Silver	109-1	0.07	0.07	0.06	0.07	8.20	ppb
Sodium	23-2	31.32	28.96	28.29	29.52	5.38	ppb
Strontium	86-1	0.36	0.30	0.39	0.35	13.35	ppb
Strontium	88-1	0.47	0.31	0.28	0.35	28.48	ppb
Sulfur	34-1	-311.67	-144.68	-389.17	-281.84		ppb
Terbium	159-1				90		%
Terbium	159-2				93		%
Thallium	203-1	0.09	0.07	0.07	0.08	11.35	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	17.00	ppb
Tin	118-1	0.00	0.07	0.08	0.05	80.14	ppb
Titanium	47-1	0.10	0.13	0.30	0.18	62.29	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:13:30	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.02	0.02	29.15	ppb
Vanadium	51-2	-0.01	0.02	0.00	0.00	296.64	ppb
Yttrium	89-1				83		%
Yttrium	89-2				85		%
Zinc	66-2	0.93	0.32	0.42	0.55	59.72	ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	7.51	ppb
Zirconium	91-1	0.11	0.03	0.08	0.07	55.95	ppb

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:10:01	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	63	83	73	13.64	cps
Antimony	121-1	47	37	53	46	18.41	cps
Arsenic	75-2	7	7	3	6	34.70	cps
Barium	135-1	150	147	147	148	1.30	cps
Barium	137-1	260	287	233	260	10.26	cps
Beryllium	9-1	53	53	57	54	3.54	cps
Bismuth	209-1	1566075	1574625	1554376	1565025	0.65	cps
Bismuth	209-2	1180730	1323317	1307959	1270669	6.16	cps
Bromine	81-1	4114	4327	4014	4152	3.86	cps
Bromine	81-2	20	20	20	20	0.00	cps
Cadmium	108-1	0	7	3	3	100.05	cps
Cadmium	106-1	933	880	813	876	6.87	cps
Cadmium	111-1	653	611	577	614	6.23	cps
Calcium	43-1	180	160	187	176	7.91	cps
Calcium	44-1	5741	5701	5701	5714	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133	127	147	136	7.51	cps
Cobalt	59-2	73	97	80	83	14.43	cps
Copper	63-2	763	847	787	799	5.38	cps
Dysprosium	156-1	1477	1643	1617	1579	5.67	cps
Dysprosium	156-2	283	290	273	282	2.97	cps
Erbium	164-1	20	10	7	12	56.76	cps
Erbium	164-2	30	23	20	24	20.83	cps
Gadolinium	160-1	17	13	13	14	13.35	cps
Gadolinium	160-2	70	153	93	106	40.73	cps
Holmium	165-1	2865245	2831790	2810382	2835806	0.98	cps
Holmium	165-2	1738042	1955951	1919255	1871083	6.24	cps
Indium	115-1	2338888	2338886	2295783	2324519	1.07	cps
Indium	115-2	654499	731413	727331	704414	6.14	cps
Iron	56-2	9250	9103	8863	9072	2.15	cps
Iron	57-2	717	657	780	718	8.59	cps
Iron	54-2	810	843	763	806	4.99	cps
Krypton	83-1	57	77	67	67	15.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:10:01	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	90	87	87	88	2.19	cps
Lead	207-1	63	87	87	79	17.08	cps
Lead	208-1	317	330	387	344	10.79	cps
Lithium	6-1	448064	444678	447727	446823	0.42	cps
Magnesium	24-2	1257	1453	1423	1378	7.69	cps
Manganese	55-2	467	480	400	449	9.55	cps
Molybdenum	94-1	67	50	80	66	22.93	cps
Molybdenum	95-1	17	27	30	24	28.38	cps
Molybdenum	96-1	47	50	63	53	16.53	cps
Molybdenum	97-1	13	17	10	13	25.01	cps
Molybdenum	98-1	37	17	57	37	54.54	cps
Neodymium	150-1	10	17	20	16	32.73	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	217	250	180	216	16.25	cps
Phosphorus	31-2	53	60	27	47	37.79	cps
Potassium	39-2	24216	24069	24446	24244	0.78	cps
Rhodium	103-1	2054674	2042396	2073937	2057002	0.77	cps
Rhodium	103-2	981946	1096921	1091117	1056662	6.13	cps
Scandium	45-1	1196037	1193801	1194880	1194906	0.09	cps
Scandium	45-2	81021	91936	90297	87751	6.71	cps
Selenium	82-1	101	54	68	74	32.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	103	70	77	83	21.16	cps
Silicon	28-1	100885	101141	101892	101306	0.52	cps
Silver	107-1	0	13	17	10	88.20	cps
Silver	109-1	0	10	10	7	86.60	cps
Sodium	23-2	3434	3547	3437	3473	1.86	cps
Strontium	86-1	110	137	120	122	11.02	cps
Strontium	88-1	117	173	117	136	24.14	cps
Sulfur	34-1	70438	71881	70840	71053	1.05	cps
Terbium	159-1	3044503	3024505	3043526	3037511	0.37	cps
Terbium	159-2	1772437	1962773	1981214	1905475	6.07	cps
Thallium	203-1	27	47	53	42	32.86	cps
Thallium	205-1	103	80	100	94	13.36	cps
Tin	118-1	393	403	460	419	8.58	cps
Titanium	47-1	33	47	50	43	20.36	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:10:01	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	0	7	7	4	86.60	cps
Vanadium	51-2	3	0	13	6	124.93	cps
Yttrium	89-1	3307236	3262601	3289303	3286380	0.68	cps
Yttrium	89-2	708111	797275	788989	764792	6.44	cps
Zinc	66-2	217	217	247	227	7.64	cps
Zirconium	90-1	140	130	130	133	4.33	cps
Zirconium	91-1	27	23	20	23	14.29	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:13:37	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	753	830	740	774	6.27	cps
Antimony	121-1	4537	4334	4457	4443	2.31	cps
Arsenic	75-2	93	93	90	92	2.09	cps
Barium	135-1	5701	5765	5494	5653	2.50	cps
Barium	137-1	9803	9633	9673	9703	0.92	cps
Beryllium	9-1	370	380	380	377	1.53	cps
Bismuth	209-1	1569597	1557788	1570001	1565795	0.44	cps
Bismuth	209-2	1299027	1306967	1311724	1305906	0.49	cps
Bromine	81-1	4427	4357	4254	4346	2.01	cps
Bromine	81-2	7	13	30	17	72.11	cps
Cadmium	108-1	40	53	33	42	24.12	cps
Cadmium	106-1	1030	867	997	964	8.95	cps
Cadmium	111-1	1236	1049	1201	1162	8.55	cps
Calcium	43-1	2864	2990	2744	2866	4.31	cps
Calcium	44-1	48765	48424	49103	48764	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1410	1400	1413	1408	0.49	cps
Cobalt	59-2	1190	1080	1177	1149	5.23	cps
Copper	63-2	2047	2180	2157	2128	3.35	cps
Dysprosium	156-1	1613	1630	1620	1621	0.52	cps
Dysprosium	156-2	253	227	220	233	7.56	cps
Erbium	164-1	20	3	30	18	75.79	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	13	10	7	10	33.30	cps
Gadolinium	160-2	110	97	77	94	17.76	cps
Holmium	165-1	2840730	2858821	2832056	2843869	0.48	cps
Holmium	165-2	1918919	1917792	1907808	1914839	0.32	cps
Indium	115-1	2319783	2318088	2300630	2312834	0.46	cps
Indium	115-2	728752	726527	720086	725122	0.62	cps
Iron	56-2	39442	39672	39198	39437	0.60	cps
Iron	57-2	1353	1437	1627	1472	9.52	cps
Iron	54-2	2437	2497	2440	2458	1.37	cps
Krypton	83-1	50	67	53	57	15.57	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:13:37	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1343	1527	1507	1459	6.89	cps
Lead	207-1	1367	1353	1373	1365	0.75	cps
Lead	208-1	5991	6181	6104	6092	1.57	cps
Lithium	6-1	448608	449637	448658	448968	0.13	cps
Magnesium	24-2	32611	31953	32010	32191	1.13	cps
Manganese	55-2	1070	963	1123	1052	7.74	cps
Molybdenum	94-1	4154	4107	3781	4014	5.07	cps
Molybdenum	95-1	4878	4981	4791	4883	1.95	cps
Molybdenum	96-1	5444	5544	5641	5543	1.77	cps
Molybdenum	97-1	3167	3107	3047	3107	1.93	cps
Molybdenum	98-1	8139	8176	7886	8067	1.96	cps
Neodymium	150-1	23	23	27	24	7.89	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	510	443	510	488	7.89	cps
Phosphorus	31-2	117	90	107	104	12.90	cps
Potassium	39-2	64285	64007	64158	64150	0.22	cps
Rhodium	103-1	2063068	2048388	2047135	2052864	0.43	cps
Rhodium	103-2	1093405	1088981	1078747	1087044	0.69	cps
Scandium	45-1	1194990	1193084	1192877	1193650	0.10	cps
Scandium	45-2	91739	90639	91447	91275	0.62	cps
Selenium	82-1	228	207	247	227	8.64	cps
Selenium	77-2	7	10	27	14	74.18	cps
Selenium	78-2	127	147	197	157	23.01	cps
Silicon	28-1	103738	105141	104117	104332	0.70	cps
Silver	107-1	2314	2307	2467	2362	3.83	cps
Silver	109-1	2270	2320	2130	2240	4.40	cps
Sodium	23-2	51308	51549	51476	51444	0.24	cps
Strontium	86-1	713	763	763	747	3.87	cps
Strontium	88-1	5861	5811	5901	5858	0.77	cps
Sulfur	34-1	73425	72049	73090	72855	0.99	cps
Terbium	159-1	3059505	3022965	3010892	3031121	0.84	cps
Terbium	159-2	1941126	1950778	1943908	1945271	0.26	cps
Thallium	203-1	1670	1713	1900	1761	6.94	cps
Thallium	205-1	3947	4261	4084	4097	3.84	cps
Tin	118-1	9153	9043	9193	9130	0.85	cps
Titanium	47-1	1150	1253	1160	1188	4.80	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:13:37	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5251	5304	5445	5333	1.87	cps
Vanadium	51-2	2947	2910	2837	2898	1.93	cps
Yttrium	89-1	3280826	3231024	3259047	3256966	0.77	cps
Yttrium	89-2	781705	786155	773564	780475	0.82	cps
Zinc	66-2	1077	993	900	990	8.93	cps
Zirconium	90-1	3310	3454	3530	3432	3.26	cps
Zirconium	91-1	813	797	807	806	1.04	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:17:03	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47249	48219	46908	47459	1.43	cps
Antimony	121-1	110705	111672	112166	111514	0.67	cps
Arsenic	75-2	4757	4828	4908	4831	1.55	cps
Barium	135-1	145013	146231	145558	145601	0.42	cps
Barium	137-1	251038	255656	256380	254358	1.14	cps
Beryllium	9-1	16943	17917	18111	17657	3.55	cps
Bismuth	209-1	1533298	1565030	1554404	1550911	1.04	cps
Bismuth	209-2	1301588	1289380	1299337	1296768	0.50	cps
Bromine	81-1	3981	3851	3991	3941	1.98	cps
Bromine	81-2	3	17	20	13	66.16	cps
Cadmium	108-1	2150	1893	2324	2122	10.19	cps
Cadmium	106-1	3580	3811	3761	3717	3.26	cps
Cadmium	111-1	27485	28140	28038	27888	1.26	cps
Calcium	43-1	30437	30871	30574	30628	0.72	cps
Calcium	44-1	473226	479735	478252	477071	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34322	34840	34506	34556	0.76	cps
Cobalt	59-2	52532	52856	52361	52583	0.48	cps
Copper	63-2	379755	378651	379150	379185	0.15	cps
Dysprosium	156-1	1620	1693	1600	1638	3.00	cps
Dysprosium	156-2	363	293	300	319	12.11	cps
Erbium	164-1	13	33	27	24	41.66	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	10	10	13	11	17.30	cps
Gadolinium	160-2	70	120	73	88	31.85	cps
Holmium	165-1	2799897	2865665	2875558	2847040	1.44	cps
Holmium	165-2	1945856	1899778	1955786	1933807	1.55	cps
Indium	115-1	2289934	2308504	2302297	2300245	0.41	cps
Indium	115-2	725760	723220	719993	722991	0.40	cps
Iron	56-2	1549131	1541180	1539873	1543395	0.32	cps
Iron	57-2	41149	40869	40956	40991	0.35	cps
Iron	54-2	90037	89450	90818	90102	0.76	cps
Krypton	83-1	47	57	43	49	14.20	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:17:03	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	361297	365497	372490	366428	1.54	cps
Lead	207-1	311855	321580	321149	318195	1.73	cps
Lead	208-1	1447070	1474081	1483014	1468055	1.27	cps
Lithium	6-1	456335	457594	457360	457096	0.15	cps
Magnesium	24-2	307239	309095	305917	307417	0.52	cps
Manganese	55-2	270900	272125	270646	271224	0.29	cps
Molybdenum	94-1	384573	387734	387644	386650	0.47	cps
Molybdenum	95-1	563307	569362	567606	566758	0.55	cps
Molybdenum	96-1	609810	619132	620663	616535	0.95	cps
Molybdenum	97-1	349970	355574	357872	354472	1.15	cps
Molybdenum	98-1	914511	925908	932775	924398	1.00	cps
Neodymium	150-1	50	27	40	39	30.10	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	13660	13156	13286	13367	1.96	cps
Phosphorus	31-2	1973	2027	1853	1951	4.55	cps
Potassium	39-2	235869	235368	237914	236384	0.57	cps
Rhodium	103-1	2015555	2033752	2077477	2042262	1.56	cps
Rhodium	103-2	1082774	1075266	1077558	1078533	0.36	cps
Scandium	45-1	1191209	1202316	1201049	1198191	0.51	cps
Scandium	45-2	92369	91698	90994	91687	0.75	cps
Selenium	82-1	1566	1646	1636	1616	2.70	cps
Selenium	77-2	123	130	127	127	2.63	cps
Selenium	78-2	580	590	513	561	7.43	cps
Silicon	28-1	264679	270005	271284	268656	1.30	cps
Silver	107-1	129528	132105	133053	131562	1.39	cps
Silver	109-1	123554	127050	126055	125553	1.43	cps
Sodium	23-2	521641	521256	519798	520898	0.19	cps
Strontium	86-1	826914	833416	843645	834658	1.01	cps
Strontium	88-1	7225848	7292008	7261310	7259722	0.46	cps
Sulfur	34-1	77944	78520	77073	77846	0.94	cps
Terbium	159-1	2994124	2984792	3013333	2997416	0.49	cps
Terbium	159-2	1951901	1964762	1922443	1946369	1.11	cps
Thallium	203-1	88569	89693	90542	89602	1.10	cps
Thallium	205-1	210966	215567	214011	213515	1.10	cps
Tin	118-1	90203	91796	91565	91188	0.94	cps
Titanium	47-1	133368	135348	135960	134892	1.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:17:03	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	278564	281542	283752	281286	0.93	cps
Vanadium	51-2	30905	31019	30912	30945	0.21	cps
Yttrium	89-1	3226785	3239322	3226068	3230725	0.23	cps
Yttrium	89-2	784191	787334	779989	783838	0.47	cps
Zinc	66-2	66068	66259	66065	66131	0.17	cps
Zirconium	90-1	174385	177896	177437	176573	1.08	cps
Zirconium	91-1	38724	39650	39353	39242	1.20	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:20:26	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98564	97544	97889	97999	0.53	cps
Antimony	121-1	279871	283089	284581	282514	0.85	cps
Arsenic	75-2	12335	12238	12459	12344	0.89	cps
Barium	135-1	367559	369959	370893	369470	0.47	cps
Barium	137-1	637758	647376	650147	645094	1.01	cps
Beryllium	9-1	44808	43684	44193	44228	1.27	cps
Bismuth	209-1	1592196	1585480	1747650	1641775	5.59	cps
Bismuth	209-2	1336005	1330403	1336769	1334392	0.26	cps
Bromine	81-1	3881	3901	4044	3942	2.26	cps
Bromine	81-2	7	27	17	17	59.99	cps
Cadmium	108-1	4858	5268	4781	4969	5.27	cps
Cadmium	106-1	7969	7936	8052	7986	0.75	cps
Cadmium	111-1	69199	68771	70185	69385	1.05	cps
Calcium	43-1	74957	75717	76535	75736	1.04	cps
Calcium	44-1	1173165	1189919	1188692	1183925	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85564	84894	85128	85195	0.40	cps
Cobalt	59-2	131920	131321	130397	131213	0.59	cps
Copper	63-2	950286	946447	949528	948754	0.21	cps
Dysprosium	156-1	1607	1673	1617	1632	2.20	cps
Dysprosium	156-2	320	340	287	316	8.54	cps
Erbium	164-1	27	40	30	32	21.53	cps
Erbium	164-2	3	20	17	13	66.16	cps
Gadolinium	160-1	17	7	13	12	41.65	cps
Gadolinium	160-2	113	107	100	107	6.25	cps
Holmium	165-1	2945653	2933300	2938447	2939133	0.21	cps
Holmium	165-2	2002131	1989716	1994923	1995590	0.31	cps
Indium	115-1	2349154	2331198	2354866	2345072	0.53	cps
Indium	115-2	735735	730744	733618	733365	0.34	cps
Iron	56-2	3816065	3801191	3818365	3811874	0.24	cps
Iron	57-2	101744	101268	102758	101923	0.75	cps
Iron	54-2	222292	224829	224167	223763	0.59	cps
Krypton	83-1	57	77	53	62	20.29	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:20:26	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	926445	939048	939321	934938	0.79	cps
Lead	207-1	811485	816611	813523	813873	0.32	cps
Lead	208-1	3982349	3946761	3959955	3963022	0.45	cps
Lithium	6-1	458490	462248	458705	459814	0.46	cps
Magnesium	24-2	777127	767188	777041	773785	0.74	cps
Manganese	55-2	682882	676129	680284	679765	0.50	cps
Molybdenum	94-1	971288	982278	980771	978112	0.61	cps
Molybdenum	95-1	1425452	1418162	1439059	1427557	0.74	cps
Molybdenum	96-1	1524669	1541606	1528915	1531730	0.58	cps
Molybdenum	97-1	884860	895452	908357	896223	1.31	cps
Molybdenum	98-1	2269486	2286052	2340004	2298514	1.60	cps
Neodymium	150-1	50	27	47	41	30.69	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	33511	33414	32949	33291	0.90	cps
Phosphorus	31-2	4827	4924	5131	4961	3.12	cps
Potassium	39-2	566203	554613	562925	561247	1.06	cps
Rhodium	103-1	2060083	2048231	2049644	2052653	0.32	cps
Rhodium	103-2	1095077	1093001	1099688	1095922	0.31	cps
Scandium	45-1	1204111	1204568	1206250	1204976	0.09	cps
Scandium	45-2	92295	92480	92872	92549	0.32	cps
Selenium	82-1	3934	3925	3986	3948	0.83	cps
Selenium	77-2	350	333	357	347	3.47	cps
Selenium	78-2	1303	1190	1263	1252	4.59	cps
Silicon	28-1	510220	514780	522709	515903	1.22	cps
Silver	107-1	328164	330345	331269	329926	0.48	cps
Silver	109-1	315111	318852	318345	317436	0.64	cps
Sodium	23-2	1226154	1237465	1240113	1234577	0.60	cps
Strontium	86-1	2103820	2125060	2123415	2117432	0.56	cps
Strontium	88-1	18287769	18491116	18445773	18408219	0.58	cps
Sulfur	34-1	87763	89195	89135	88698	0.91	cps
Terbium	159-1	3062641	3059825	3080160	3067542	0.36	cps
Terbium	159-2	2015577	1985412	2024024	2008337	1.01	cps
Thallium	203-1	230979	230575	231186	230913	0.13	cps
Thallium	205-1	544332	544707	545551	544863	0.11	cps
Tin	118-1	227915	231036	234430	231127	1.41	cps
Titanium	47-1	335687	339147	341584	338806	0.87	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:20:26	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	716064	722399	729493	722652	0.93	cps
Vanadium	51-2	78395	78080	77983	78153	0.28	cps
Yttrium	89-1	3312208	3365515	3317326	3331683	0.88	cps
Yttrium	89-2	800624	794212	801346	798728	0.49	cps
Zinc	66-2	163493	166398	163780	164557	0.97	cps
Zirconium	90-1	444331	446622	451012	447322	0.76	cps
Zirconium	91-1	98991	99239	99914	99381	0.48	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:23:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197402	198826	197793	198007	0.37	cps
Antimony	121-1	560987	571970	575697	569552	1.34	cps
Arsenic	75-2	25505	24497	24681	24894	2.16	cps
Barium	135-1	735496	750196	754495	746729	1.33	cps
Barium	137-1	1298354	1311365	1309718	1306479	0.54	cps
Beryllium	9-1	86991	89331	90280	88868	1.90	cps
Bismuth	209-1	1657124	1611968	1778159	1682417	5.11	cps
Bismuth	209-2	1344515	1344658	1342216	1343796	0.10	cps
Bromine	81-1	3824	3914	3951	3896	1.67	cps
Bromine	81-2	17	27	17	20	28.86	cps
Cadmium	108-1	10217	9903	10047	10056	1.56	cps
Cadmium	106-1	14934	15098	14931	14988	0.64	cps
Cadmium	111-1	135321	136438	138993	136917	1.37	cps
Calcium	43-1	150605	153816	150992	151804	1.15	cps
Calcium	44-1	2187607	2220675	2223957	2210746	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172504	173326	172733	172854	0.25	cps
Cobalt	59-2	262338	264246	263634	263406	0.37	cps
Copper	63-2	1911001	1914147	1898624	1907924	0.43	cps
Dysprosium	156-1	1513	1797	1640	1650	8.60	cps
Dysprosium	156-2	353	327	283	321	11.00	cps
Erbium	164-1	17	37	23	26	39.85	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-1	20	10	10	13	43.30	cps
Gadolinium	160-2	97	73	123	98	25.59	cps
Holmium	165-1	2932690	2938180	2954574	2941815	0.39	cps
Holmium	165-2	2028747	2038869	2032611	2033409	0.25	cps
Indium	115-1	2323283	2295631	2379379	2332764	1.83	cps
Indium	115-2	739361	739425	738996	739261	0.03	cps
Iron	56-2	7716575	7652433	7691013	7686674	0.42	cps
Iron	57-2	203423	204774	203511	203903	0.37	cps
Iron	54-2	451610	453511	447289	450803	0.71	cps
Krypton	83-1	50	73	77	67	21.80	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:23:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2042407	2095583	2103656	2080549	1.60	cps
Lead	207-1	1775739	1814809	1838483	1809677	1.75	cps
Lead	208-1	8296372	8393652	8494395	8394806	1.18	cps
Lithium	6-1	463994	472615	470870	469160	0.97	cps
Magnesium	24-2	1521784	1510018	1530166	1520656	0.67	cps
Manganese	55-2	1378331	1372478	1371508	1374106	0.27	cps
Molybdenum	94-1	1911502	1942684	1972176	1942121	1.56	cps
Molybdenum	95-1	2850008	2817097	2877166	2848090	1.06	cps
Molybdenum	96-1	3101294	3130458	3159605	3130452	0.93	cps
Molybdenum	97-1	1754795	1819282	1825833	1799970	2.18	cps
Molybdenum	98-1	4594470	4661866	4680748	4645695	0.98	cps
Neodymium	150-1	77	93	63	78	19.33	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	66379	65884	66567	66277	0.53	cps
Phosphorus	31-2	10010	10037	9750	9932	1.60	cps
Potassium	39-2	1111908	1110079	1114258	1112082	0.19	cps
Rhodium	103-1	2083393	2057775	2063262	2068143	0.65	cps
Rhodium	103-2	1098779	1102663	1100241	1100561	0.18	cps
Scandium	45-1	1198794	1212814	1223977	1211862	1.04	cps
Scandium	45-2	93120	93177	94405	93567	0.78	cps
Selenium	82-1	7709	7908	7997	7871	1.88	cps
Selenium	77-2	713	747	703	721	3.15	cps
Selenium	78-2	2504	2504	2514	2507	0.23	cps
Silicon	28-1	1048025	1069871	1079773	1065890	1.52	cps
Silver	107-1	652704	655195	665231	657710	1.01	cps
Silver	109-1	632280	632917	638940	634712	0.58	cps
Sodium	23-2	2540193	2487250	2523892	2517112	1.08	cps
Strontium	86-1	4233909	4266990	4306595	4269165	0.85	cps
Strontium	88-1	37077179	37375170	37788255	37413535	0.95	cps
Sulfur	34-1	103679	105410	106021	105037	1.16	cps
Terbium	159-1	3106917	3116513	3155963	3126464	0.83	cps
Terbium	159-2	2039633	2064522	2034206	2046120	0.79	cps
Thallium	203-1	464224	468424	471013	467887	0.73	cps
Thallium	205-1	1091333	1107134	1122967	1107145	1.43	cps
Tin	118-1	458236	466316	468189	464247	1.14	cps
Titanium	47-1	668682	683434	686329	679482	1.39	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:23:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1456350	1482060	1499680	1479363	1.47	cps
Vanadium	51-2	157774	156599	157744	157372	0.43	cps
Yttrium	89-1	3342611	3343426	3374807	3353615	0.55	cps
Yttrium	89-2	812848	812749	807793	811130	0.36	cps
Zinc	66-2	332815	327969	328569	329784	0.80	cps
Zirconium	90-1	896318	908422	913350	906030	0.97	cps
Zirconium	91-1	198888	203405	204250	202181	1.43	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:26:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400559	397845	397506	398637	0.42	cps
Antimony	121-1	1140049	1164134	1161453	1155212	1.14	cps
Arsenic	75-2	49643	48713	49883	49413	1.25	cps
Barium	135-1	1482772	1512581	1521666	1505673	1.35	cps
Barium	137-1	2757780	2724320	2757430	2746510	0.70	cps
Beryllium	9-1	175633	181472	182753	179953	2.11	cps
Bismuth	209-1	1618441	1801665	1811964	1744023	6.24	cps
Bismuth	209-2	1353256	1349597	1352074	1351642	0.14	cps
Bromine	81-1	4041	3944	3907	3964	1.74	cps
Bromine	81-2	20	20	7	16	49.47	cps
Cadmium	108-1	19707	20394	20194	20098	1.76	cps
Cadmium	106-1	28946	29320	29898	29388	1.63	cps
Cadmium	111-1	271481	276488	278351	275440	1.29	cps
Calcium	43-1	303127	308475	310515	307372	1.24	cps
Calcium	44-1	4397827	4538701	4487168	4474565	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	347727	345950	346587	346755	0.26	cps
Cobalt	59-2	525025	521961	524198	523728	0.30	cps
Copper	63-2	3803171	3724990	3736681	3754947	1.12	cps
Dysprosium	156-1	1747	1800	1667	1738	3.86	cps
Dysprosium	156-2	393	373	453	407	10.24	cps
Erbium	164-1	37	27	47	37	27.27	cps
Erbium	164-2	33	17	17	22	43.28	cps
Gadolinium	160-1	20	7	20	16	49.47	cps
Gadolinium	160-2	103	123	70	99	27.25	cps
Holmium	165-1	3034467	3041559	3080619	3052215	0.81	cps
Holmium	165-2	2076096	2080594	2052608	2069766	0.73	cps
Indium	115-1	2323236	2382475	2390864	2365525	1.56	cps
Indium	115-2	737481	740239	739483	739068	0.19	cps
Iron	56-2	15472926	15295021	15394584	15387510	0.58	cps
Iron	57-2	408631	405036	408063	407243	0.47	cps
Iron	54-2	905515	897467	898829	900604	0.48	cps
Krypton	83-1	67	83	57	69	19.55	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:26:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4217719	4247172	4202553	4222482	0.54	cps
Lead	207-1	3673823	3677727	3747344	3699632	1.12	cps
Lead	208-1	16895453	17037538	17136441	17023144	0.71	cps
Lithium	6-1	475020	481082	486941	481014	1.24	cps
Magnesium	24-2	3038132	3060306	3017637	3038692	0.70	cps
Manganese	55-2	2706742	2654863	2736055	2699220	1.52	cps
Molybdenum	94-1	3890499	3934998	3954260	3926586	0.83	cps
Molybdenum	95-1	5728207	5799782	5847657	5791882	1.04	cps
Molybdenum	96-1	6181120	6299729	6359289	6280046	1.44	cps
Molybdenum	97-1	3579556	3650603	3667179	3632446	1.28	cps
Molybdenum	98-1	9278784	9335087	9462401	9358757	1.01	cps
Neodymium	150-1	107	160	140	136	19.87	cps
Neodymium	150-2	43	17	23	28	49.95	cps
Nickel	60-2	131931	129624	131382	130979	0.92	cps
Phosphorus	31-2	20270	20374	20581	20408	0.77	cps
Potassium	39-2	2062436	2052043	2076810	2063763	0.60	cps
Rhodium	103-1	2040076	2028904	2064353	2044444	0.89	cps
Rhodium	103-2	1091973	1094540	1096914	1094476	0.23	cps
Scandium	45-1	1222064	1238601	1236072	1232246	0.72	cps
Scandium	45-2	95247	95542	94992	95260	0.29	cps
Selenium	82-1	15449	15672	15943	15688	1.58	cps
Selenium	77-2	1293	1373	1320	1329	3.07	cps
Selenium	78-2	4801	4661	5054	4839	4.12	cps
Silicon	28-1	2027237	2050115	2082072	2053141	1.34	cps
Silver	107-1	1301002	1324391	1324761	1316718	1.03	cps
Silver	109-1	1258984	1274548	1274046	1269193	0.70	cps
Sodium	23-2	5094256	5109567	5089800	5097874	0.20	cps
Strontium	86-1	8529635	8694885	8710955	8645158	1.16	cps
Strontium	88-1	73626597	74567326	75935516	74709813	1.55	cps
Sulfur	34-1	142796	144875	144761	144144	0.81	cps
Terbium	159-1	3159211	3161784	3226189	3182395	1.19	cps
Terbium	159-2	2088641	2051434	2048063	2062712	1.09	cps
Thallium	203-1	934212	947026	962143	947794	1.48	cps
Thallium	205-1	2482354	2494022	2485934	2487437	0.24	cps
Tin	118-1	918312	932412	936721	929148	1.04	cps
Titanium	47-1	1293794	1346267	1343341	1327801	2.22	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:26:58	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3369435	3421614	3470236	3420428	1.47	cps
Vanadium	51-2	317291	316651	314051	315997	0.54	cps
Yttrium	89-1	3349931	3353908	3394256	3366032	0.73	cps
Yttrium	89-2	818740	816064	816398	817067	0.18	cps
Zinc	66-2	649460	649870	651941	650424	0.20	cps
Zirconium	90-1	1798368	1826949	1848211	1824510	1.37	cps
Zirconium	91-1	399977	410413	411001	407130	1.52	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:30:02	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	813287	810282	809255	810941	0.26	cps
Antimony	121-1	2334634	2416280	2407044	2385986	1.87	cps
Arsenic	75-2	99296	100071	98775	99381	0.66	cps
Barium	135-1	3181279	3206134	3247885	3211766	1.05	cps
Barium	137-1	5368566	5522323	5653435	5514775	2.59	cps
Beryllium	9-1	352657	366499	367641	362266	2.30	cps
Bismuth	209-1	1626899	1829700	1814490	1757029	6.43	cps
Bismuth	209-2	1349772	1346401	1341837	1346003	0.30	cps
Bromine	81-1	4261	4224	4397	4294	2.13	cps
Bromine	81-2	13	13	17	14	13.35	cps
Cadmium	108-1	39798	40898	40580	40425	1.40	cps
Cadmium	106-1	57149	58029	59089	58089	1.67	cps
Cadmium	111-1	535056	553087	552045	546729	1.85	cps
Calcium	43-1	603381	621865	627012	617419	2.01	cps
Calcium	44-1	8788723	9046064	9187979	9007589	2.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	695905	698592	701732	698743	0.42	cps
Cobalt	59-2	1054474	1051482	1051478	1052478	0.16	cps
Copper	63-2	7489288	7520303	7483834	7497808	0.26	cps
Dysprosium	156-1	1917	2050	1987	1985	3.36	cps
Dysprosium	156-2	430	533	457	473	11.33	cps
Erbium	164-1	63	33	47	48	31.46	cps
Erbium	164-2	23	40	30	31	26.97	cps
Gadolinium	160-1	40	33	23	32	26.04	cps
Gadolinium	160-2	133	107	133	124	12.37	cps
Holmium	165-1	3068724	3082392	3095393	3082169	0.43	cps
Holmium	165-2	2131076	2102243	2113379	2115566	0.69	cps
Indium	115-1	2339041	2360012	2365311	2354788	0.59	cps
Indium	115-2	736982	738360	735877	737073	0.17	cps
Iron	56-2	31211191	31178910	31251351	31213818	0.12	cps
Iron	57-2	820585	815171	820247	818668	0.37	cps
Iron	54-2	1712952	1732835	1741857	1729215	0.86	cps
Krypton	83-1	70	90	93	84	14.94	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:30:02	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8418288	8578047	8646061	8547465	1.37	cps
Lead	207-1	7361415	7406476	7414809	7394233	0.39	cps
Lead	208-1	34011267	34288091	34755230	34351529	1.09	cps
Lithium	6-1	478478	491909	491943	487443	1.59	cps
Magnesium	24-2	6264861	6160849	6221138	6215616	0.84	cps
Manganese	55-2	5416826	5430725	5403717	5417089	0.25	cps
Molybdenum	94-1	7847387	8011281	8011950	7956873	1.19	cps
Molybdenum	95-1	11461396	11846430	11731061	11679629	1.69	cps
Molybdenum	96-1	12568047	12826437	12975261	12789915	1.61	cps
Molybdenum	97-1	7222987	7442563	7353610	7339720	1.50	cps
Molybdenum	98-1	18861564	19174698	19221189	19085817	1.02	cps
Neodymium	150-1	243	287	307	279	11.61	cps
Neodymium	150-2	40	57	57	51	18.83	cps
Nickel	60-2	260528	261539	261183	261083	0.20	cps
Phosphorus	31-2	41015	41600	41045	41220	0.80	cps
Potassium	39-2	4162340	4215410	4117948	4165233	1.17	cps
Rhodium	103-1	2021229	2057162	2090879	2056423	1.69	cps
Rhodium	103-2	1096300	1096642	1097642	1096861	0.06	cps
Scandium	45-1	1221764	1244000	1252224	1239329	1.27	cps
Scandium	45-2	96897	95924	96145	96322	0.53	cps
Selenium	82-1	30184	31341	31360	30962	2.17	cps
Selenium	77-2	2954	2740	2814	2836	3.82	cps
Selenium	78-2	9930	9410	9597	9645	2.73	cps
Silicon	28-1	3243969	3349078	3364437	3319161	1.98	cps
Silver	107-1	2637373	2695006	2671146	2667842	1.09	cps
Silver	109-1	2541684	2602501	2578902	2574362	1.19	cps
Sodium	23-2	10439367	10376607	10354373	10390116	0.42	cps
Strontium	86-1	17129170	17391448	17601923	17374180	1.36	cps
Strontium	88-1	149489378	152619118	153107348	151738614	1.29	cps
Sulfur	34-1	214815	220488	221708	219004	1.68	cps
Terbium	159-1	3199319	3268813	3221326	3229819	1.10	cps
Terbium	159-2	2135274	2120098	2098017	2117796	0.88	cps
Thallium	203-1	2096722	2125798	2167382	2129967	1.67	cps
Thallium	205-1	5005206	5108012	5126620	5079946	1.29	cps
Tin	118-1	1927293	1926744	1959717	1937918	0.97	cps
Titanium	47-1	2613670	2734013	2706173	2684619	2.35	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:30:02	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6776020	6912100	6979575	6889232	1.51	cps
Vanadium	51-2	642095	643352	642368	642605	0.10	cps
Yttrium	89-1	3391305	3392903	3455405	3413204	1.07	cps
Yttrium	89-2	828080	823603	828247	826643	0.32	cps
Zinc	66-2	1306651	1304109	1300144	1303634	0.25	cps
Zirconium	90-1	3570108	3716178	3759441	3681909	2.69	cps
Zirconium	91-1	808031	828925	832159	823039	1.59	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:32:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3863413	3809390	3744242	3805682	1.57	cps
Antimony	121-1	1883	1950	1943	1926	1.91	cps
Arsenic	75-2	70	37	107	71	49.24	cps
Barium	135-1	1773	1607	1590	1657	6.12	cps
Barium	137-1	3017	2757	2797	2857	4.90	cps
Beryllium	9-1	317	227	277	273	16.50	cps
Bismuth	209-1	1470084	1474244	1466660	1470329	0.26	cps
Bismuth	209-2	804680	1072549	1187737	1021655	19.24	cps
Bromine	81-1	4514	4237	4301	4351	3.33	cps
Bromine	81-2	23	40	17	27	45.07	cps
Cadmium	108-1	27	33	23	28	18.33	cps
Cadmium	106-1	930	847	860	879	5.09	cps
Cadmium	111-1	756	699	749	735	4.19	cps
Calcium	43-1	2693617	2713987	2645555	2684386	1.31	cps
Calcium	44-1	43702693	43636756	42971893	43437114	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2164	2327	2234	2241	3.66	cps
Cobalt	59-2	3024	2720	2870	2871	5.28	cps
Copper	63-2	2584	2564	2424	2524	3.46	cps
Dysprosium	156-1	1660	1593	1600	1618	2.27	cps
Dysprosium	156-2	337	260	293	297	12.96	cps
Erbium	164-1	107	83	83	91	14.79	cps
Erbium	164-2	73	90	60	74	20.19	cps
Gadolinium	160-1	97	60	93	83	24.33	cps
Gadolinium	160-2	90	120	200	137	41.61	cps
Holmium	165-1	2944776	2973256	2931012	2949681	0.73	cps
Holmium	165-2	1322200	1776273	1949154	1682543	19.25	cps
Indium	115-1	2277249	2297769	2274390	2283136	0.56	cps
Indium	115-2	466576	617044	686173	589931	19.03	cps
Iron	56-2	146846778	144441425	142866161	144718121	1.39	cps
Iron	57-2	3689038	3604241	3548441	3613907	1.96	cps
Iron	54-2	8016429	7914867	7755968	7895755	1.66	cps
Krypton	83-1	87	70	77	78	10.79	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:32:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1913	1650	1510	1691	12.11	cps
Lead	207-1	1710	1593	1453	1586	8.11	cps
Lead	208-1	7331	6964	6494	6930	6.05	cps
Lithium	6-1	469017	481469	482013	477499	1.54	cps
Magnesium	24-2	30691512	30228054	29911944	30277170	1.30	cps
Manganese	55-2	3334	3104	3370	3269	4.42	cps
Molybdenum	94-1	2510	2477	2424	2470	1.77	cps
Molybdenum	95-1	2597	2480	2280	2452	6.53	cps
Molybdenum	96-1	4587	4591	4544	4574	0.57	cps
Molybdenum	97-1	1543	1403	1293	1413	8.87	cps
Molybdenum	98-1	4007	3607	3297	3637	9.79	cps
Neodymium	150-1	80	117	83	93	21.73	cps
Neodymium	150-2	37	33	30	33	10.01	cps
Nickel	60-2	1307	1183	1240	1243	4.97	cps
Phosphorus	31-2	57	107	57	73	39.36	cps
Potassium	39-2	20128926	19781095	19595012	19835011	1.37	cps
Rhodium	103-1	1902859	1892670	1899926	1898485	0.28	cps
Rhodium	103-2	658501	863660	960390	827517	18.63	cps
Scandium	45-1	1209793	1230701	1225967	1222154	0.90	cps
Scandium	45-2	63957	81615	92003	79192	17.91	cps
Selenium	82-1	137	125	137	133	5.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	103	90	113	102	11.45	cps
Silicon	28-1	124843	123936	121043	123274	1.61	cps
Silver	107-1	483	370	350	401	17.93	cps
Silver	109-1	450	480	390	440	10.41	cps
Sodium	23-2	50353974	49679189	49360104	49797756	1.02	cps
Strontium	86-1	4051	3754	3254	3686	10.93	cps
Strontium	88-1	32476	30528	29232	30746	5.31	cps
Sulfur	34-1	72752	74075	75277	74035	1.71	cps
Terbium	159-1	3128304	3116193	3045949	3096815	1.44	cps
Terbium	159-2	1327188	1759851	1951277	1679439	19.04	cps
Thallium	203-1	433	350	260	348	24.93	cps
Thallium	205-1	1000	730	730	820	19.01	cps
Tin	118-1	1560	1597	1607	1588	1.55	cps
Titanium	47-1	533	463	507	501	7.05	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 04:32:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	607	567	587	587	3.41	cps
Vanadium	51-2	197	197	173	189	7.13	cps
Yttrium	89-1	3284771	3305051	3264638	3284820	0.62	cps
Yttrium	89-2	525649	690425	772713	662929	18.98	cps
Zinc	66-2	1113	1090	1087	1097	1.33	cps
Zirconium	90-1	2520	2387	2384	2430	3.21	cps
Zirconium	91-1	540	600	550	563	5.71	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:18:58	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17921	17383	17407	17570	1.73	cps
Antimony	121-1	428132	434755	432207	431698	0.77	cps
Arsenic	75-2	18475	17797	18465	18246	2.13	cps
Barium	135-1	56070	56217	55217	55834	0.97	cps
Barium	137-1	97552	98699	98058	98103	0.59	cps
Beryllium	9-1	32594	33249	33372	33072	1.26	cps
Bismuth	209-1	1532262	1521626	1520385	1524758	0.43	cps
Bismuth	209-2	1269918	1255637	1258476	1261344	0.60	cps
Bromine	81-1	3560	3420	3617	3533	2.87	cps
Bromine	81-2	13	7	17	12	41.65	cps
Cadmium	108-1	3310	3597	3360	3423	4.48	cps
Cadmium	106-1	5001	5374	5321	5232	3.86	cps
Cadmium	111-1	52571	52444	52576	52530	0.14	cps
Calcium	43-1	10077	10524	10397	10332	2.23	cps
Calcium	44-1	165178	168413	169394	167662	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64778	63038	64410	64075	1.43	cps
Cobalt	59-2	98759	99305	98390	98818	0.47	cps
Copper	63-2	67856	66922	67685	67488	0.74	cps
Dysprosium	156-1	967	1090	880	979	10.78	cps
Dysprosium	156-2	170	170	203	181	10.63	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	7	10	0	6	91.64	cps
Gadolinium	160-2	97	87	100	94	7.35	cps
Holmium	165-1	2770483	2774696	2778280	2774486	0.14	cps
Holmium	165-2	1910260	1879858	1848072	1879397	1.65	cps
Indium	115-1	2186080	2218046	2181914	2195347	0.90	cps
Indium	115-2	680628	678643	674461	677911	0.46	cps
Iron	56-2	1182646	1185128	1178912	1182229	0.26	cps
Iron	57-2	30070	30287	29172	29843	1.98	cps
Iron	54-2	65328	65552	66743	65874	1.16	cps
Krypton	83-1	50	50	63	54	14.14	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:18:58	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	316285	319892	316885	317687	0.61	cps
Lead	207-1	262545	264648	265177	264123	0.53	cps
Lead	208-1	1240405	1249229	1246827	1245487	0.37	cps
Lithium	6-1	409103	409493	413638	410745	0.61	cps
Magnesium	24-2	70253	68957	69821	69677	0.95	cps
Manganese	55-2	50745	50427	49789	50320	0.97	cps
Molybdenum	94-1	170	167	170	169	1.14	cps
Molybdenum	95-1	83	43	47	58	38.41	cps
Molybdenum	96-1	150	137	167	151	9.95	cps
Molybdenum	97-1	20	40	10	23	65.47	cps
Molybdenum	98-1	130	120	93	114	16.56	cps
Neodymium	150-1	13	10	20	14	35.26	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	26083	25796	26867	26249	2.11	cps
Phosphorus	31-2	53	90	73	72	25.42	cps
Potassium	39-2	174568	170712	172319	172533	1.12	cps
Rhodium	103-1	1958770	1923145	1933432	1938449	0.95	cps
Rhodium	103-2	1010410	1008737	1009473	1009540	0.08	cps
Scandium	45-1	1086822	1084395	1085176	1085465	0.11	cps
Scandium	45-2	82536	82992	83884	83137	0.82	cps
Selenium	82-1	6007	6095	6121	6074	0.98	cps
Selenium	77-2	520	517	530	522	1.33	cps
Selenium	78-2	1783	1817	1870	1823	2.40	cps
Silicon	28-1	88158	90146	89734	89346	1.17	cps
Silver	107-1	120384	121674	122064	121374	0.72	cps
Silver	109-1	115842	116470	118476	116929	1.18	cps
Sodium	23-2	190539	189533	190293	190122	0.28	cps
Strontium	86-1	307	283	357	316	11.87	cps
Strontium	88-1	1913	1700	1670	1761	7.53	cps
Sulfur	34-1	67789	67512	67103	67468	0.51	cps
Terbium	159-1	2902248	2892409	2890137	2894931	0.22	cps
Terbium	159-2	1903898	1870656	1867438	1880664	1.07	cps
Thallium	203-1	386793	390655	390830	389426	0.59	cps
Thallium	205-1	916157	924664	925315	922045	0.55	cps
Tin	118-1	697	617	687	667	6.54	cps
Titanium	47-1	33	50	33	39	24.75	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:18:58	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63	10	23	32	86.15	cps
Vanadium	51-2	56937	56314	56442	56564	0.58	cps
Yttrium	89-1	3051539	3079790	3038807	3056712	0.69	cps
Yttrium	89-2	728634	729795	730306	729578	0.12	cps
Zinc	66-2	24724	24039	24861	24541	1.79	cps
Zirconium	90-1	337	310	370	339	8.87	cps
Zirconium	91-1	107	107	137	117	14.85	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:24:16	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	83	93	72	39.25	cps
Antimony	121-1	140	150	180	157	13.29	cps
Arsenic	75-2	3	3	3	3	0.00	cps
Barium	135-1	123	123	143	130	8.88	cps
Barium	137-1	233	230	183	216	12.97	cps
Beryllium	9-1	80	60	33	58	40.53	cps
Bismuth	209-1	1574991	1552396	1536102	1554497	1.26	cps
Bismuth	209-2	1291003	1291821	1282199	1288341	0.41	cps
Bromine	81-1	3727	3687	3374	3596	5.38	cps
Bromine	81-2	30	20	10	20	50.00	cps
Cadmium	108-1	3	7	20	10	88.20	cps
Cadmium	106-1	670	680	783	711	8.82	cps
Cadmium	111-1	470	471	544	495	8.59	cps
Calcium	43-1	140	127	120	129	7.90	cps
Calcium	44-1	2840	2984	3007	2944	3.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87	107	150	114	28.29	cps
Cobalt	59-2	90	93	90	91	2.11	cps
Copper	63-2	480	517	540	512	5.90	cps
Dysprosium	156-1	973	1020	947	980	3.79	cps
Dysprosium	156-2	193	183	197	191	3.63	cps
Erbium	164-1	33	27	20	27	24.99	cps
Erbium	164-2	3	17	17	12	63.01	cps
Gadolinium	160-1	7	7	0	4	86.60	cps
Gadolinium	160-2	100	83	70	84	17.80	cps
Holmium	165-1	2847669	2786553	2782245	2805489	1.30	cps
Holmium	165-2	1921716	1937383	1925833	1928310	0.42	cps
Indium	115-1	2251550	2203348	2176559	2210485	1.72	cps
Indium	115-2	687395	685072	683355	685274	0.30	cps
Iron	56-2	7535	7579	7725	7613	1.31	cps
Iron	57-2	513	643	610	589	11.47	cps
Iron	54-2	620	667	550	612	9.59	cps
Krypton	83-1	73	70	80	74	6.84	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:24:16	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	137	123	150	137	9.75	cps
Lead	207-1	120	137	123	127	6.96	cps
Lead	208-1	587	613	607	602	2.30	cps
Lithium	6-1	418903	416927	417045	417625	0.27	cps
Magnesium	24-2	1183	1280	1220	1228	3.98	cps
Manganese	55-2	557	417	493	489	14.34	cps
Molybdenum	94-1	67	100	73	80	22.05	cps
Molybdenum	95-1	17	40	50	36	48.10	cps
Molybdenum	96-1	83	67	60	70	17.17	cps
Molybdenum	97-1	17	13	10	13	25.01	cps
Molybdenum	98-1	43	40	33	39	13.09	cps
Neodymium	150-1	10	20	20	17	34.64	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	147	170	167	161	7.83	cps
Phosphorus	31-2	77	47	37	53	39.03	cps
Potassium	39-2	20654	20988	20921	20854	0.85	cps
Rhodium	103-1	1982953	1931045	1971101	1961700	1.39	cps
Rhodium	103-2	1026272	1027535	1027001	1026936	0.06	cps
Scandium	45-1	1100036	1093856	1092257	1095383	0.38	cps
Scandium	45-2	82630	81132	82144	81969	0.93	cps
Selenium	82-1	53	50	30	44	28.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	107	80	83	90	16.15	cps
Silicon	28-1	86935	85061	86361	86119	1.12	cps
Silver	107-1	47	30	30	36	27.07	cps
Silver	109-1	30	20	20	23	24.74	cps
Sodium	23-2	4007	3867	3754	3876	3.27	cps
Strontium	86-1	137	120	83	113	24.08	cps
Strontium	88-1	180	150	120	150	20.00	cps
Sulfur	34-1	67237	68201	66886	67441	1.01	cps
Terbium	159-1	2973826	2936404	2976267	2962166	0.75	cps
Terbium	159-2	1926359	1919809	1860366	1902178	1.91	cps
Thallium	203-1	70	87	60	72	18.66	cps
Thallium	205-1	143	127	130	133	6.62	cps
Tin	118-1	367	433	370	390	9.63	cps
Titanium	47-1	53	7	30	30	77.77	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:24:16	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	3	0	7	132.33	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	3114937	3021347	3031047	3055777	1.68	cps
Yttrium	89-2	733238	737252	733023	734505	0.32	cps
Zinc	66-2	280	343	337	320	10.87	cps
Zirconium	90-1	143	120	140	134	9.39	cps
Zirconium	91-1	13	30	50	31	59.02	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:27:42	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3349565	3386688	3344839	3360364	0.68	cps
Antimony	121-1	2474	2660	2564	2566	3.64	cps
Arsenic	75-2	40	30	47	39	21.57	cps
Barium	135-1	1007	1003	917	976	5.23	cps
Barium	137-1	1617	1693	1743	1685	3.79	cps
Beryllium	9-1	147	103	163	138	22.48	cps
Bismuth	209-1	1575369	1751808	1772977	1700051	6.38	cps
Bismuth	209-2	1321414	1309132	1306829	1312458	0.60	cps
Bromine	81-1	4214	4137	4451	4267	3.83	cps
Bromine	81-2	40	40	47	42	9.12	cps
Cadmium	108-1	207	213	287	236	18.84	cps
Cadmium	106-1	803	783	693	760	7.71	cps
Cadmium	111-1	754	756	615	708	11.44	cps
Calcium	43-1	505922	520125	533727	519925	2.67	cps
Calcium	44-1	7562805	7877042	8015836	7818561	2.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13580	12929	13476	13328	2.62	cps
Cobalt	59-2	1310	1333	1390	1345	3.06	cps
Copper	63-2	5744	5981	6021	5916	2.53	cps
Dysprosium	156-1	937	933	977	949	2.54	cps
Dysprosium	156-2	167	167	200	178	10.82	cps
Erbium	164-1	33	27	37	32	15.80	cps
Erbium	164-2	10	20	20	17	34.64	cps
Gadolinium	160-1	10	13	7	10	33.30	cps
Gadolinium	160-2	113	110	117	113	2.94	cps
Holmium	165-1	2952554	3052082	3071469	3025368	2.11	cps
Holmium	165-2	2054705	2034459	2056712	2048626	0.60	cps
Indium	115-1	2248777	2323004	2325027	2298936	1.89	cps
Indium	115-2	725892	724594	727304	725930	0.19	cps
Iron	56-2	57634936	57276794	57828576	57580102	0.49	cps
Iron	57-2	1430001	1434880	1464419	1443100	1.29	cps
Iron	54-2	3169796	3160227	3198335	3176119	0.62	cps
Krypton	83-1	90	60	83	78	20.25	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:27:42	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6758	7105	7069	6977	2.73	cps
Lead	207-1	5398	5805	5424	5542	4.11	cps
Lead	208-1	25736	26740	26661	26379	2.12	cps
Lithium	6-1	440168	451643	462388	451400	2.46	cps
Magnesium	24-2	5635280	5609891	5643153	5629441	0.31	cps
Manganese	55-2	4797	4594	4634	4675	2.30	cps
Molybdenum	94-1	1069542	1099358	1119499	1096133	2.29	cps
Molybdenum	95-1	1871258	1946538	1974438	1930745	2.76	cps
Molybdenum	96-1	2009803	2078186	2109377	2065789	2.47	cps
Molybdenum	97-1	1190797	1225986	1232541	1216442	1.85	cps
Molybdenum	98-1	3123084	3141425	3198911	3154473	1.25	cps
Neodymium	150-1	27	23	50	33	43.59	cps
Neodymium	150-2	17	7	0	8	107.84	cps
Nickel	60-2	1553	1490	1397	1480	5.33	cps
Phosphorus	31-2	188755	187189	190088	188677	0.77	cps
Potassium	39-2	7455122	7426414	7451775	7444437	0.21	cps
Rhodium	103-1	1951773	1968451	1985432	1968552	0.85	cps
Rhodium	103-2	1061203	1066877	1058933	1062338	0.39	cps
Scandium	45-1	1138511	1171500	1192996	1167669	2.35	cps
Scandium	45-2	92735	91638	92090	92154	0.60	cps
Selenium	82-1	61	84	69	71	17.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	80	70	78	8.92	cps
Silicon	28-1	109914	115954	119340	115069	4.15	cps
Silver	107-1	180	120	117	139	25.66	cps
Silver	109-1	167	97	97	120	33.68	cps
Sodium	23-2	9337219	9432725	9427573	9399172	0.57	cps
Strontium	86-1	21966	22377	22671	22338	1.58	cps
Strontium	88-1	190294	194880	197984	194386	1.99	cps
Sulfur	34-1	696040	723448	734455	717981	2.76	cps
Terbium	159-1	3124699	3164319	3212087	3167035	1.38	cps
Terbium	159-2	2049038	2076442	2062161	2062547	0.66	cps
Thallium	203-1	273	257	297	276	7.29	cps
Thallium	205-1	583	773	730	696	14.32	cps
Tin	118-1	707	813	860	793	9.91	cps
Titanium	47-1	451570	465054	472618	463081	2.30	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:27:42	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100	130	140	123	16.88	cps
Vanadium	51-2	100	90	107	99	8.48	cps
Yttrium	89-1	3204223	3300910	3310985	3272040	1.80	cps
Yttrium	89-2	802244	806982	805175	804800	0.30	cps
Zinc	66-2	1900	1937	1997	1945	2.51	cps
Zirconium	90-1	337	307	443	362	19.83	cps
Zirconium	91-1	70	113	90	91	23.81	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:30:58	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3371095	3411609	3401041	3394582	0.62	cps
Antimony	121-1	47411	47200	47816	47476	0.66	cps
Arsenic	75-2	2124	2007	2023	2051	3.08	cps
Barium	135-1	12536	12586	12796	12639	1.09	cps
Barium	137-1	21613	21747	21690	21683	0.31	cps
Beryllium	9-1	6848	7075	6828	6917	1.98	cps
Bismuth	209-1	1778406	1617393	1792599	1729466	5.63	cps
Bismuth	209-2	1322399	1327071	1333286	1327586	0.41	cps
Bromine	81-1	4511	4467	4584	4521	1.30	cps
Bromine	81-2	93	80	107	93	14.29	cps
Cadmium	108-1	1040	970	980	997	3.80	cps
Cadmium	106-1	1733	1730	1770	1745	1.27	cps
Cadmium	111-1	11003	10946	11027	10992	0.38	cps
Calcium	43-1	528384	545330	543878	539197	1.74	cps
Calcium	44-1	7977676	8096925	8165154	8079918	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26300	26503	26293	26365	0.45	cps
Cobalt	59-2	21269	21375	21021	21222	0.86	cps
Copper	63-2	19129	19169	19366	19221	0.66	cps
Dysprosium	156-1	947	953	900	933	3.11	cps
Dysprosium	156-2	153	203	160	172	15.76	cps
Erbium	164-1	23	30	23	26	15.07	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	27	17	17	20	28.86	cps
Gadolinium	160-2	110	130	97	112	14.95	cps
Holmium	165-1	3047945	3076902	3148197	3091015	1.67	cps
Holmium	165-2	2060449	2097065	2103388	2086967	1.11	cps
Indium	115-1	2384896	2367822	2386720	2379813	0.44	cps
Indium	115-2	731767	731826	736231	733275	0.35	cps
Iron	56-2	58378099	57979909	58246399	58201469	0.35	cps
Iron	57-2	1448530	1454683	1449716	1450977	0.22	cps
Iron	54-2	3202975	3197347	3204299	3201540	0.12	cps
Krypton	83-1	73	57	67	66	12.79	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:30:58	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40855	41724	41457	41345	1.08	cps
Lead	207-1	34744	35891	34718	35118	1.91	cps
Lead	208-1	161404	163480	160712	161865	0.89	cps
Lithium	6-1	462298	470923	471707	468309	1.11	cps
Magnesium	24-2	5678405	5613340	5693213	5661652	0.75	cps
Manganese	55-2	15034	14574	14948	14852	1.65	cps
Molybdenum	94-1	1127000	1137030	1141044	1135025	0.64	cps
Molybdenum	95-1	1995476	1987845	2018017	2000446	0.78	cps
Molybdenum	96-1	2093958	2133011	2167270	2131413	1.72	cps
Molybdenum	97-1	1241786	1257955	1269441	1256394	1.11	cps
Molybdenum	98-1	3239240	3295526	3247736	3260834	0.93	cps
Neodymium	150-1	23	27	37	29	24.03	cps
Neodymium	150-2	17	13	10	13	25.01	cps
Nickel	60-2	6722	6882	6565	6723	2.36	cps
Phosphorus	31-2	190408	190671	191353	190811	0.26	cps
Potassium	39-2	7499932	7500769	7522863	7507855	0.17	cps
Rhodium	103-1	2018722	2071601	2028312	2039545	1.38	cps
Rhodium	103-2	1081152	1069306	1074861	1075107	0.55	cps
Scandium	45-1	1209954	1205920	1213633	1209836	0.32	cps
Scandium	45-2	93244	92309	94032	93195	0.93	cps
Selenium	82-1	665	714	707	695	3.81	cps
Selenium	77-2	20	33	50	34	43.64	cps
Selenium	78-2	257	290	270	272	6.16	cps
Silicon	28-1	118218	120364	122286	120289	1.69	cps
Silver	107-1	48287	47792	47802	47960	0.59	cps
Silver	109-1	46103	45896	46073	46024	0.24	cps
Sodium	23-2	9427133	9378305	9488757	9431399	0.59	cps
Strontium	86-1	22270	22941	23529	22913	2.75	cps
Strontium	88-1	200608	203038	203600	202415	0.79	cps
Sulfur	34-1	731807	740933	753924	742221	1.50	cps
Terbium	159-1	3231033	3259650	3231465	3240716	0.51	cps
Terbium	159-2	2082472	2069697	2081756	2077975	0.35	cps
Thallium	203-1	42142	42322	43245	42570	1.39	cps
Thallium	205-1	99195	99376	99390	99320	0.11	cps
Tin	118-1	763	730	703	732	4.11	cps
Titanium	47-1	470854	479344	481776	477324	1.20	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:30:58	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100	143	120	121	17.91	cps
Vanadium	51-2	11775	11765	12015	11851	1.20	cps
Yttrium	89-1	3407933	3327711	3405520	3380388	1.35	cps
Yttrium	89-2	808401	812063	813689	811384	0.33	cps
Zinc	66-2	4204	4364	4341	4303	2.01	cps
Zirconium	90-1	230	287	303	273	14.07	cps
Zirconium	91-1	37	70	60	56	30.79	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:42:26	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1817684	1826691	1803541	1815972	0.64	cps
Antimony	121-1	1035874	1064821	1072624	1057773	1.83	cps
Arsenic	75-2	45613	45800	45299	45571	0.56	cps
Barium	135-1	1385194	1424220	1422098	1410504	1.56	cps
Barium	137-1	2522990	2606198	2577639	2568942	1.65	cps
Beryllium	9-1	156178	163159	164236	161191	2.71	cps
Bismuth	209-1	1502302	1512828	1524549	1513227	0.74	cps
Bismuth	209-2	1250283	1249639	1241086	1247003	0.41	cps
Bromine	81-1	3757	3924	3887	3856	2.27	cps
Bromine	81-2	23	33	20	26	27.15	cps
Cadmium	108-1	18118	17851	18048	18006	0.77	cps
Cadmium	106-1	26441	26621	26675	26579	0.46	cps
Cadmium	111-1	241059	245988	251170	246072	2.05	cps
Calcium	43-1	1204511	1255621	1278020	1246051	3.02	cps
Calcium	44-1	19310091	19986599	20302645	19866445	2.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	319702	318365	316623	318230	0.49	cps
Cobalt	59-2	477152	474201	474404	475252	0.35	cps
Copper	63-2	3557946	3487553	3506789	3517429	1.03	cps
Dysprosium	156-1	977	920	1050	982	6.64	cps
Dysprosium	156-2	290	270	213	258	15.43	cps
Erbium	164-1	63	77	70	70	9.53	cps
Erbium	164-2	27	50	43	40	30.04	cps
Gadolinium	160-1	57	43	37	46	22.36	cps
Gadolinium	160-2	100	147	150	132	21.14	cps
Holmium	165-1	2879809	2930021	2980634	2930155	1.72	cps
Holmium	165-2	2035264	1965559	1988847	1996557	1.78	cps
Indium	115-1	2164618	2246506	2228506	2213210	1.94	cps
Indium	115-2	694122	691982	685094	690399	0.68	cps
Iron	56-2	71281846	70819576	70650536	70917319	0.46	cps
Iron	57-2	1773477	1770822	1776848	1773716	0.17	cps
Iron	54-2	3923341	3924802	3837312	3895152	1.29	cps
Krypton	83-1	57	73	90	73	22.73	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:42:26	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3910128	3921763	4005528	3945807	1.32	cps
Lead	207-1	3421988	3472297	3515280	3469855	1.35	cps
Lead	208-1	15747355	15845122	16131045	15907841	1.25	cps
Lithium	6-1	423955	440719	447873	437515	2.81	cps
Magnesium	24-2	14850851	14631309	14550030	14677397	1.06	cps
Manganese	55-2	2505479	2490389	2474896	2490254	0.61	cps
Molybdenum	94-1	3641786	3718623	3718460	3692957	1.20	cps
Molybdenum	95-1	5347434	5468114	5504844	5440131	1.51	cps
Molybdenum	96-1	5781701	5846627	5931444	5853258	1.28	cps
Molybdenum	97-1	3332128	3443057	3483923	3419703	2.30	cps
Molybdenum	98-1	8552681	8864220	9014263	8810388	2.67	cps
Neodymium	150-1	117	157	113	129	18.71	cps
Neodymium	150-2	23	43	37	34	29.57	cps
Nickel	60-2	117865	117065	116666	117199	0.52	cps
Phosphorus	31-2	18912	19055	18241	18736	2.32	cps
Potassium	39-2	9418625	9378134	9335281	9377347	0.44	cps
Rhodium	103-1	1815376	1873142	1871377	1853299	1.77	cps
Rhodium	103-2	1004194	1008926	994626	1002582	0.73	cps
Scandium	45-1	1124372	1135095	1161277	1140248	1.66	cps
Scandium	45-2	89291	89720	88748	89253	0.55	cps
Selenium	82-1	13753	14168	14316	14079	2.07	cps
Selenium	77-2	1210	1357	1290	1286	5.71	cps
Selenium	78-2	4381	4354	4447	4394	1.09	cps
Silicon	28-1	2355538	2476272	2515495	2449102	3.40	cps
Silver	107-1	1151284	1184564	1192093	1175980	1.85	cps
Silver	109-1	1118569	1138250	1142996	1133272	1.14	cps
Sodium	23-2	23442233	23358720	23207400	23336118	0.51	cps
Strontium	86-1	7990251	8064732	8119637	8058207	0.81	cps
Strontium	88-1	69185837	69565869	71210949	69987552	1.54	cps
Sulfur	34-1	126912	132613	133668	131064	2.77	cps
Terbium	159-1	3076086	3053027	3096158	3075090	0.70	cps
Terbium	159-2	2010748	1969526	1998216	1992830	1.06	cps
Thallium	203-1	875321	883884	895693	884966	1.16	cps
Thallium	205-1	2327745	2327155	2368083	2340994	1.00	cps
Tin	118-1	845071	864012	867390	858824	1.40	cps
Titanium	47-1	1227827	1267104	1281396	1258776	2.20	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:42:26	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3219416	3315447	3291702	3275522	1.53	cps
Vanadium	51-2	295770	295173	292779	294574	0.54	cps
Yttrium	89-1	3166582	3200017	3240039	3202213	1.15	cps
Yttrium	89-2	778928	772602	769239	773589	0.64	cps
Zinc	66-2	615701	612951	612174	613609	0.30	cps
Zirconium	90-1	1680204	1712319	1739843	1710789	1.74	cps
Zirconium	91-1	373661	383159	389713	382178	2.11	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:46:21	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	113	127	118	6.54	cps
Antimony	121-1	577	583	693	618	10.61	cps
Arsenic	75-2	3	3	13	7	86.65	cps
Barium	135-1	227	170	223	207	15.39	cps
Barium	137-1	260	327	247	278	15.43	cps
Beryllium	9-1	127	87	117	110	18.92	cps
Bismuth	209-1	1804368	1789372	1606832	1733524	6.34	cps
Bismuth	209-2	1319604	1319133	1324526	1321088	0.23	cps
Bromine	81-1	3804	3871	3897	3857	1.25	cps
Bromine	81-2	13	33	20	22	45.83	cps
Cadmium	108-1	10	7	0	6	91.64	cps
Cadmium	106-1	783	697	660	713	8.88	cps
Cadmium	111-1	571	516	489	525	8.01	cps
Calcium	43-1	153	127	177	152	16.44	cps
Calcium	44-1	3444	3257	3450	3384	3.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177	160	157	164	6.52	cps
Cobalt	59-2	70	83	97	83	16.00	cps
Copper	63-2	660	710	560	643	11.87	cps
Dysprosium	156-1	937	987	910	944	4.12	cps
Dysprosium	156-2	143	143	167	151	8.91	cps
Erbium	164-1	17	30	13	20	44.10	cps
Erbium	164-2	10	10	33	18	75.77	cps
Gadolinium	160-1	3	10	7	7	50.03	cps
Gadolinium	160-2	67	103	93	88	21.59	cps
Holmium	165-1	2964144	2904248	2939400	2935931	1.03	cps
Holmium	165-2	1966181	1938284	1958577	1954347	0.74	cps
Indium	115-1	2323688	2292917	2269185	2295263	1.19	cps
Indium	115-2	705322	702293	708028	705214	0.41	cps
Iron	56-2	10677	10744	11251	10891	2.88	cps
Iron	57-2	633	700	647	660	5.34	cps
Iron	54-2	870	930	813	871	6.70	cps
Krypton	83-1	87	63	57	69	22.87	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:46:21	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	287	337	303	309	8.24	cps
Lead	207-1	307	230	253	263	14.92	cps
Lead	208-1	1267	1233	1193	1231	2.98	cps
Lithium	6-1	444577	441811	439866	442085	0.54	cps
Magnesium	24-2	1713	1783	1677	1725	3.14	cps
Manganese	55-2	557	553	560	557	0.60	cps
Molybdenum	94-1	320	297	293	303	4.79	cps
Molybdenum	95-1	260	250	240	250	4.00	cps
Molybdenum	96-1	327	333	347	336	3.03	cps
Molybdenum	97-1	173	230	157	187	20.59	cps
Molybdenum	98-1	447	443	413	434	4.23	cps
Neodymium	150-1	7	23	20	17	52.90	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	200	207	173	193	9.12	cps
Phosphorus	31-2	60	50	63	58	12.01	cps
Potassium	39-2	22116	21762	21946	21941	0.81	cps
Rhodium	103-1	2018515	2016170	2003727	2012804	0.39	cps
Rhodium	103-2	1053772	1046600	1057994	1052789	0.55	cps
Scandium	45-1	1153385	1134917	1131980	1140094	1.02	cps
Scandium	45-2	86602	84571	85680	85618	1.19	cps
Selenium	82-1	32	82	85	67	45.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	90	80	93	88	7.90	cps
Silicon	28-1	89744	87873	89184	88933	1.08	cps
Silver	107-1	107	113	83	101	15.58	cps
Silver	109-1	100	97	107	101	5.04	cps
Sodium	23-2	6551	6808	6388	6583	3.22	cps
Strontium	86-1	323	250	310	294	13.27	cps
Strontium	88-1	2020	1663	1600	1761	12.86	cps
Sulfur	34-1	67676	68426	68546	68216	0.69	cps
Terbium	159-1	3093943	3051225	3052577	3065915	0.79	cps
Terbium	159-2	1942213	1943931	1961688	1949277	0.55	cps
Thallium	203-1	120	143	130	131	8.93	cps
Thallium	205-1	387	410	353	383	7.43	cps
Tin	118-1	533	533	603	557	7.26	cps
Titanium	47-1	67	73	110	83	28.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 05:46:21	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	103	77	77	86	17.99	cps
Vanadium	51-2	3	13	10	9	57.30	cps
Yttrium	89-1	3193187	3164675	3184628	3180830	0.46	cps
Yttrium	89-2	756493	754739	755725	755652	0.12	cps
Zinc	66-2	280	333	357	323	12.15	cps
Zirconium	90-1	387	520	447	451	14.80	cps
Zirconium	91-1	120	93	100	104	13.29	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BL	Instrumnet Name :	P7
Client Sample ID :	PBS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:25:40	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	43	43	57	40.76	cps
Antimony	121-1	87	87	97	90	6.41	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	103	93	93	97	5.97	cps
Barium	137-1	153	173	160	162	6.28	cps
Beryllium	9-1	27	23	33	28	18.33	cps
Bismuth	209-1	1527439	1539810	1532108	1533119	0.41	cps
Bismuth	209-2	1270858	1265523	1269631	1268671	0.22	cps
Bromine	81-1	3657	3634	3680	3657	0.64	cps
Bromine	81-2	20	17	27	21	24.12	cps
Cadmium	108-1	3	3	7	4	43.40	cps
Cadmium	106-1	663	547	650	620	10.30	cps
Cadmium	111-1	462	390	457	436	9.17	cps
Calcium	43-1	120	103	120	114	8.41	cps
Calcium	44-1	2367	2480	2554	2467	3.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120	150	153	141	13.01	cps
Cobalt	59-2	50	90	53	64	34.44	cps
Copper	63-2	537	433	470	480	10.91	cps
Dysprosium	156-1	727	660	617	668	8.30	cps
Dysprosium	156-2	133	103	90	109	20.39	cps
Erbium	164-1	23	20	23	22	8.65	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	10	10	0	7	86.60	cps
Gadolinium	160-2	117	93	67	92	27.13	cps
Holmium	165-1	2788612	2794388	2782226	2788409	0.22	cps
Holmium	165-2	1906782	1838485	1869594	1871621	1.83	cps
Indium	115-1	2189099	2168598	2192603	2183433	0.59	cps
Indium	115-2	675953	671496	670917	672789	0.41	cps
Iron	56-2	7612	7946	8032	7863	2.82	cps
Iron	57-2	620	517	610	582	9.79	cps
Iron	54-2	707	687	670	688	2.67	cps
Krypton	83-1	63	67	77	69	10.08	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BL	Instrumnet Name :	P7
Client Sample ID :	PBS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:25:40	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	110	117	133	120	10.02	cps
Lead	207-1	110	137	127	124	10.83	cps
Lead	208-1	483	523	543	517	5.91	cps
Lithium	6-1	407666	407375	407309	407450	0.05	cps
Magnesium	24-2	1447	1263	1323	1345	6.95	cps
Manganese	55-2	510	450	413	458	10.66	cps
Molybdenum	94-1	53	93	117	88	36.49	cps
Molybdenum	95-1	50	33	33	39	24.75	cps
Molybdenum	96-1	63	80	87	77	15.68	cps
Molybdenum	97-1	17	20	23	20	16.65	cps
Molybdenum	98-1	67	57	67	63	9.12	cps
Neodymium	150-1	7	7	3	6	34.70	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	143	150	147	147	2.27	cps
Phosphorus	31-2	33	43	47	41	16.89	cps
Potassium	39-2	20861	20197	21068	20709	2.20	cps
Rhodium	103-1	1925209	1926135	1960355	1937233	1.03	cps
Rhodium	103-2	1010522	1009487	1007973	1009327	0.13	cps
Scandium	45-1	1070704	1076388	1069454	1072182	0.34	cps
Scandium	45-2	81554	81792	81973	81773	0.26	cps
Selenium	82-1	61	41	31	44	35.26	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	60	53	63	59	8.65	cps
Silicon	28-1	84866	83114	83385	83788	1.13	cps
Silver	107-1	23	27	13	21	32.88	cps
Silver	109-1	20	10	10	13	43.30	cps
Sodium	23-2	3907	3901	3951	3919	0.69	cps
Strontium	86-1	117	127	110	118	7.12	cps
Strontium	88-1	127	180	217	174	25.94	cps
Sulfur	34-1	66651	67307	65620	66526	1.28	cps
Terbium	159-1	2924874	2937004	2892296	2918058	0.79	cps
Terbium	159-2	1912062	1853733	1855951	1873915	1.76	cps
Thallium	203-1	47	30	17	31	48.31	cps
Thallium	205-1	63	67	70	67	5.00	cps
Tin	118-1	430	303	393	376	17.36	cps
Titanium	47-1	47	27	23	32	39.17	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BL	Instrumnet Name :	P7
Client Sample ID :	PBS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:25:40	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	0	17	9	94.38	cps
Vanadium	51-2	17	7	0	8	107.84	cps
Yttrium	89-1	3039003	3005942	3009708	3018217	0.60	cps
Yttrium	89-2	724826	721538	722198	722854	0.24	cps
Zinc	66-2	300	260	300	287	8.06	cps
Zirconium	90-1	170	167	203	180	11.27	cps
Zirconium	91-1	40	43	40	41	4.68	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BS	Instrumnet Name :	P7
Client Sample ID :	LCS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:29:05	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1490	1520	1553	1521	2.08	cps
Antimony	121-1	8799	8843	8970	8871	1.00	cps
Arsenic	75-2	257	193	197	216	16.53	cps
Barium	135-1	11455	11108	11458	11340	1.77	cps
Barium	137-1	19934	19450	19947	19777	1.43	cps
Beryllium	9-1	677	693	640	670	4.07	cps
Bismuth	209-1	1565904	1774046	1558183	1632711	7.50	cps
Bismuth	209-2	1277213	1281380	1282262	1280285	0.21	cps
Bromine	81-1	3380	3734	3650	3588	5.15	cps
Bromine	81-2	20	17	17	18	10.81	cps
Cadmium	108-1	107	93	123	108	13.95	cps
Cadmium	106-1	763	877	860	833	7.34	cps
Cadmium	111-1	1656	1725	1676	1686	2.10	cps
Calcium	43-1	4871	5141	5038	5016	2.72	cps
Calcium	44-1	83220	83608	82345	83058	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3130	2897	2960	2996	4.03	cps
Cobalt	59-2	2144	2033	1973	2050	4.21	cps
Copper	63-2	3327	3574	3380	3427	3.79	cps
Dysprosium	156-1	637	647	613	632	2.71	cps
Dysprosium	156-2	120	163	113	132	20.53	cps
Erbium	164-1	20	30	30	27	21.65	cps
Erbium	164-2	13	27	7	16	65.47	cps
Gadolinium	160-1	10	7	10	9	21.63	cps
Gadolinium	160-2	90	113	83	96	16.49	cps
Holmium	165-1	2807198	2849308	2829311	2828606	0.74	cps
Holmium	165-2	1867040	1909460	1902376	1892959	1.20	cps
Indium	115-1	2263888	2263352	2234208	2253816	0.75	cps
Indium	115-2	679934	678029	677292	678418	0.20	cps
Iron	56-2	250967	249228	246776	248990	0.85	cps
Iron	57-2	6872	6765	6768	6802	0.89	cps
Iron	54-2	13987	13920	13960	13955	0.24	cps
Krypton	83-1	50	90	73	71	28.26	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BS	Instrumnet Name :	P7
Client Sample ID :	LCS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:29:05	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3137	3364	3370	3290	4.04	cps
Lead	207-1	2860	2947	2777	2861	2.97	cps
Lead	208-1	12923	13139	13186	13083	1.07	cps
Lithium	6-1	410096	415478	413077	412883	0.65	cps
Magnesium	24-2	62459	62195	61730	62128	0.59	cps
Manganese	55-2	1603	1360	1593	1519	9.07	cps
Molybdenum	94-1	8486	8242	8566	8431	2.00	cps
Molybdenum	95-1	9700	9600	10020	9773	2.25	cps
Molybdenum	96-1	11364	11208	11331	11301	0.73	cps
Molybdenum	97-1	6198	6488	6291	6326	2.34	cps
Molybdenum	98-1	16276	16283	16576	16378	1.05	cps
Neodymium	150-1	17	13	27	19	36.75	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	677	657	613	649	4.99	cps
Phosphorus	31-2	57	47	50	51	9.96	cps
Potassium	39-2	98050	97446	97318	97604	0.40	cps
Rhodium	103-1	1950285	1961554	1924344	1945394	0.98	cps
Rhodium	103-2	1019069	1018822	1021624	1019839	0.15	cps
Scandium	45-1	1084485	1097590	1080894	1087656	0.81	cps
Scandium	45-2	82278	82134	80961	81791	0.88	cps
Selenium	82-1	366	352	382	367	4.13	cps
Selenium	77-2	53	17	17	29	73.26	cps
Selenium	78-2	137	173	220	177	23.64	cps
Silicon	28-1	100020	101144	99913	100359	0.68	cps
Silver	107-1	5028	4864	5124	5005	2.63	cps
Silver	109-1	4394	4614	4671	4560	3.21	cps
Sodium	23-2	97788	97204	98881	97958	0.87	cps
Strontium	86-1	1470	1303	1473	1416	6.87	cps
Strontium	88-1	11555	11171	11618	11448	2.11	cps
Sulfur	34-1	67307	68432	66474	67404	1.46	cps
Terbium	159-1	2970165	3017501	2989843	2992503	0.79	cps
Terbium	159-2	1890489	1870224	1902791	1887835	0.87	cps
Thallium	203-1	3844	3711	3627	3727	2.93	cps
Thallium	205-1	9176	8993	8596	8922	3.33	cps
Tin	118-1	400	420	400	407	2.84	cps
Titanium	47-1	2337	2324	2154	2271	4.50	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BS	Instrumnet Name :	P7
Client Sample ID :	LCS990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:29:05	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11812	11739	11512	11687	1.34	cps
Vanadium	51-2	5985	6101	5985	6023	1.12	cps
Yttrium	89-1	3118328	3094364	3058532	3090408	0.97	cps
Yttrium	89-2	727772	729138	726563	727825	0.18	cps
Zinc	66-2	1600	1547	1467	1538	4.36	cps
Zirconium	90-1	7055	7128	7262	7148	1.47	cps
Zirconium	91-1	1627	1700	1507	1611	6.06	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:32:31	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	763	880	703	782	11.49	cps
Antimony	121-1	4494	4387	4441	4441	1.20	cps
Arsenic	75-2	80	117	97	98	18.78	cps
Barium	135-1	5588	5438	5588	5538	1.56	cps
Barium	137-1	9894	10100	9860	9951	1.31	cps
Beryllium	9-1	343	393	327	354	9.79	cps
Bismuth	209-1	1570004	1561771	1564471	1565415	0.27	cps
Bismuth	209-2	1275265	1262109	1271228	1269534	0.53	cps
Bromine	81-1	3767	3534	3781	3694	3.76	cps
Bromine	81-2	30	30	13	24	39.37	cps
Cadmium	108-1	50	60	43	51	16.42	cps
Cadmium	106-1	833	920	780	844	8.37	cps
Cadmium	111-1	1225	1189	1179	1198	2.03	cps
Calcium	43-1	2580	2514	2510	2535	1.56	cps
Calcium	44-1	43221	42834	43465	43174	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1680	1493	1493	1556	6.93	cps
Cobalt	59-2	1147	1173	1090	1137	3.74	cps
Copper	63-2	1907	1817	2043	1922	5.94	cps
Dysprosium	156-1	637	613	567	606	5.89	cps
Dysprosium	156-2	133	100	157	130	21.91	cps
Erbium	164-1	17	20	20	19	10.18	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	10	7	20	12	56.76	cps
Gadolinium	160-2	90	100	107	99	8.48	cps
Holmium	165-1	2848050	2810916	2795589	2818185	0.96	cps
Holmium	165-2	1887106	1868199	1863482	1872929	0.67	cps
Indium	115-1	2236600	2227916	2199427	2221314	0.88	cps
Indium	115-2	679406	673755	674137	675766	0.47	cps
Iron	56-2	125918	126708	127347	126658	0.56	cps
Iron	57-2	3714	3864	3497	3692	4.99	cps
Iron	54-2	7172	7322	7288	7261	1.09	cps
Krypton	83-1	87	47	57	63	32.87	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:32:31	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1657	1697	1633	1662	1.93	cps
Lead	207-1	1443	1487	1507	1479	2.19	cps
Lead	208-1	6471	6621	6744	6612	2.07	cps
Lithium	6-1	413268	409396	411996	411553	0.48	cps
Magnesium	24-2	31659	31218	31940	31606	1.15	cps
Manganese	55-2	1020	913	1233	1056	15.44	cps
Molybdenum	94-1	4124	4181	4117	4141	0.84	cps
Molybdenum	95-1	5041	5074	4801	4972	3.00	cps
Molybdenum	96-1	5564	5484	5611	5553	1.15	cps
Molybdenum	97-1	3134	3027	3197	3119	2.76	cps
Molybdenum	98-1	8352	8156	8069	8192	1.77	cps
Neodymium	150-1	7	3	23	11	96.43	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	397	390	420	402	3.92	cps
Phosphorus	31-2	27	40	60	42	39.73	cps
Potassium	39-2	59770	59184	58709	59221	0.90	cps
Rhodium	103-1	1958672	1953028	1959942	1957214	0.19	cps
Rhodium	103-2	1022199	1018271	1017124	1019198	0.26	cps
Scandium	45-1	1080338	1081550	1082551	1081479	0.10	cps
Scandium	45-2	82630	82281	81142	82018	0.95	cps
Selenium	82-1	181	247	190	206	17.33	cps
Selenium	77-2	17	10	17	14	26.66	cps
Selenium	78-2	130	127	113	123	7.15	cps
Silicon	28-1	90777	91145	92527	91483	1.01	cps
Silver	107-1	2484	2530	2500	2505	0.94	cps
Silver	109-1	2367	2380	2510	2419	3.27	cps
Sodium	23-2	51258	50339	50242	50613	1.11	cps
Strontium	86-1	757	837	837	810	5.70	cps
Strontium	88-1	5818	5841	5795	5818	0.40	cps
Sulfur	34-1	69166	68068	68111	68448	0.91	cps
Terbium	159-1	2974596	2924161	2958560	2952439	0.87	cps
Terbium	159-2	1889897	1886816	1856673	1877795	0.98	cps
Thallium	203-1	1930	1914	1867	1903	1.73	cps
Thallium	205-1	4414	4527	4501	4481	1.32	cps
Tin	118-1	330	447	333	370	17.95	cps
Titanium	47-1	1130	1083	1220	1144	6.07	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163990BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD990	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:32:31	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5955	5708	5731	5798	2.35	cps
Vanadium	51-2	2767	2817	2787	2790	0.90	cps
Yttrium	89-1	3078567	3046094	3045670	3056777	0.62	cps
Yttrium	89-2	730640	723549	728398	727529	0.50	cps
Zinc	66-2	917	967	1073	986	8.12	cps
Zirconium	90-1	3620	3837	3530	3663	4.30	cps
Zirconium	91-1	877	813	807	832	4.64	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BL	Instrumnet Name :	P7
Client Sample ID :	PBS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:36:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	53	53	52	3.68	cps
Antimony	121-1	20	33	47	33	40.01	cps
Arsenic	75-2	7	3	10	7	50.03	cps
Barium	135-1	117	70	97	94	24.79	cps
Barium	137-1	153	167	173	164	6.19	cps
Beryllium	9-1	20	43	30	31	37.62	cps
Bismuth	209-1	1562863	1541617	1534723	1546401	0.95	cps
Bismuth	209-2	1256665	1255711	1255495	1255957	0.05	cps
Bromine	81-1	3604	3650	3560	3605	1.25	cps
Bromine	81-2	27	23	3	18	71.00	cps
Cadmium	108-1	3	3	10	6	69.34	cps
Cadmium	106-1	707	760	757	741	4.03	cps
Cadmium	111-1	506	530	526	520	2.49	cps
Calcium	43-1	93	117	127	112	15.25	cps
Calcium	44-1	2330	2420	2307	2352	2.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	143	77	150	123	32.88	cps
Cobalt	59-2	53	43	83	60	34.70	cps
Copper	63-2	400	370	470	413	12.41	cps
Dysprosium	156-1	603	567	633	601	5.56	cps
Dysprosium	156-2	130	113	90	111	18.08	cps
Erbium	164-1	13	10	13	12	15.73	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	3	7	10	7	50.03	cps
Gadolinium	160-2	123	87	117	109	17.94	cps
Holmium	165-1	2812593	2805521	2802909	2807008	0.18	cps
Holmium	165-2	1890496	1811313	1860178	1853996	2.15	cps
Indium	115-1	2189852	2176020	2185825	2183899	0.33	cps
Indium	115-2	669932	670331	666779	669014	0.29	cps
Iron	56-2	6775	7172	7202	7049	3.38	cps
Iron	57-2	637	643	583	621	5.29	cps
Iron	54-2	620	580	660	620	6.45	cps
Krypton	83-1	53	53	40	49	15.74	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BL	Instrumnet Name :	P7
Client Sample ID :	PBS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:36:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	113	140	110	121	13.58	cps
Lead	207-1	113	133	90	112	19.33	cps
Lead	208-1	517	537	460	504	7.88	cps
Lithium	6-1	413660	414152	411704	413172	0.31	cps
Magnesium	24-2	1187	1230	1317	1245	5.32	cps
Manganese	55-2	437	353	413	401	10.72	cps
Molybdenum	94-1	67	90	77	78	15.05	cps
Molybdenum	95-1	10	27	33	23	51.50	cps
Molybdenum	96-1	53	53	73	60	19.25	cps
Molybdenum	97-1	7	13	13	11	34.61	cps
Molybdenum	98-1	43	27	47	39	27.55	cps
Neodymium	150-1	20	13	3	12	68.66	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	140	177	130	149	16.50	cps
Phosphorus	31-2	40	60	37	46	27.70	cps
Potassium	39-2	20444	20344	20457	20415	0.30	cps
Rhodium	103-1	1914032	1942632	1943214	1933293	0.86	cps
Rhodium	103-2	1011733	1010165	1007672	1009857	0.20	cps
Scandium	45-1	1076670	1075949	1067149	1073256	0.49	cps
Scandium	45-2	81608	81551	82007	81722	0.30	cps
Selenium	82-1	68	61	67	66	5.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	60	70	66	7.77	cps
Silicon	28-1	83382	83036	83104	83174	0.22	cps
Silver	107-1	13	27	20	20	33.35	cps
Silver	109-1	20	23	20	21	9.11	cps
Sodium	23-2	3801	3567	3781	3716	3.48	cps
Strontium	86-1	120	113	110	114	4.45	cps
Strontium	88-1	120	77	133	110	26.93	cps
Sulfur	34-1	66079	65818	66832	66243	0.80	cps
Terbium	159-1	2967160	2924856	2957640	2949885	0.75	cps
Terbium	159-2	1880705	1870725	1869242	1873557	0.33	cps
Thallium	203-1	30	13	33	26	41.94	cps
Thallium	205-1	77	60	97	78	23.61	cps
Tin	118-1	347	330	377	351	6.74	cps
Titanium	47-1	30	20	27	26	19.92	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BL	Instrumnet Name :	P7
Client Sample ID :	PBS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:36:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	7	0	4	86.60	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	3037095	3040062	2998525	3025227	0.77	cps
Yttrium	89-2	723554	718469	719601	720541	0.37	cps
Zinc	66-2	240	257	263	253	4.75	cps
Zirconium	90-1	130	167	120	139	17.69	cps
Zirconium	91-1	33	47	30	37	24.06	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BS	Instrumnet Name :	P7
Client Sample ID :	LCS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:39:45	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1567	1450	1470	1496	4.17	cps
Antimony	121-1	8483	8829	8920	8744	2.64	cps
Arsenic	75-2	163	223	173	187	17.22	cps
Barium	135-1	11595	11448	11371	11471	0.99	cps
Barium	137-1	19220	19537	20131	19629	2.36	cps
Beryllium	9-1	670	710	713	698	3.46	cps
Bismuth	209-1	1560024	1546527	1552365	1552972	0.44	cps
Bismuth	209-2	1287265	1276914	1277923	1280701	0.45	cps
Bromine	81-1	3497	3791	3447	3578	5.18	cps
Bromine	81-2	20	23	10	18	39.03	cps
Cadmium	108-1	77	107	107	97	17.92	cps
Cadmium	106-1	827	837	863	842	2.25	cps
Cadmium	111-1	1732	1738	1800	1756	2.14	cps
Calcium	43-1	5108	5094	5201	5134	1.13	cps
Calcium	44-1	83749	83588	84457	83931	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3330	2970	2904	3068	7.48	cps
Cobalt	59-2	2053	2047	2110	2070	1.68	cps
Copper	63-2	3264	3430	3274	3323	2.81	cps
Dysprosium	156-1	650	590	663	634	6.16	cps
Dysprosium	156-2	83	97	133	104	24.79	cps
Erbium	164-1	37	13	23	24	47.91	cps
Erbium	164-2	7	20	23	17	52.90	cps
Gadolinium	160-1	7	13	7	9	43.25	cps
Gadolinium	160-2	87	130	123	113	20.59	cps
Holmium	165-1	2788174	2779995	2757349	2775172	0.58	cps
Holmium	165-2	1920214	1903940	1905474	1909876	0.47	cps
Indium	115-1	2194232	2208830	2194150	2199070	0.38	cps
Indium	115-2	684828	676226	677792	679616	0.67	cps
Iron	56-2	252244	251289	249789	251107	0.49	cps
Iron	57-2	6665	6712	6682	6686	0.35	cps
Iron	54-2	14113	14060	14427	14200	1.40	cps
Krypton	83-1	40	57	97	64	45.19	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BS	Instrumnet Name :	P7
Client Sample ID :	LCS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:39:45	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3597	3167	3240	3335	6.90	cps
Lead	207-1	2757	2844	2787	2796	1.57	cps
Lead	208-1	13043	12953	12486	12827	2.33	cps
Lithium	6-1	413443	411033	413932	412803	0.38	cps
Magnesium	24-2	62573	63092	62951	62872	0.43	cps
Manganese	55-2	1463	1553	1467	1495	3.41	cps
Molybdenum	94-1	8039	8166	8069	8091	0.82	cps
Molybdenum	95-1	10204	10230	9607	10014	3.52	cps
Molybdenum	96-1	11495	11318	11388	11400	0.78	cps
Molybdenum	97-1	6291	6191	6281	6255	0.88	cps
Molybdenum	98-1	16333	16586	16413	16444	0.79	cps
Neodymium	150-1	3	20	13	12	68.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	653	737	670	687	6.42	cps
Phosphorus	31-2	30	23	60	38	51.71	cps
Potassium	39-2	100207	98694	98704	99202	0.88	cps
Rhodium	103-1	1957821	1927523	1926603	1937316	0.92	cps
Rhodium	103-2	1031163	1016360	1014618	1020714	0.89	cps
Scandium	45-1	1081619	1083513	1080308	1081813	0.15	cps
Scandium	45-2	83709	82198	83143	83017	0.92	cps
Selenium	82-1	403	396	339	380	9.27	cps
Selenium	77-2	30	23	33	29	17.63	cps
Selenium	78-2	220	220	133	191	26.18	cps
Silicon	28-1	99976	101919	101597	101164	1.03	cps
Silver	107-1	4908	4951	4884	4914	0.69	cps
Silver	109-1	4421	4814	4741	4659	4.49	cps
Sodium	23-2	98955	98136	98827	98640	0.45	cps
Strontium	86-1	1333	1563	1450	1449	7.94	cps
Strontium	88-1	11628	11471	11668	11589	0.90	cps
Sulfur	34-1	65741	66015	66233	65996	0.37	cps
Terbium	159-1	2941736	2957734	2943464	2947645	0.30	cps
Terbium	159-2	1940506	1882305	1905327	1909379	1.54	cps
Thallium	203-1	3697	3647	3721	3688	1.02	cps
Thallium	205-1	8479	8873	8736	8696	2.30	cps
Tin	118-1	330	423	447	400	15.43	cps
Titanium	47-1	2194	2207	2407	2269	5.27	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BS	Instrumnet Name :	P7
Client Sample ID :	LCS992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:39:45	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11665	11649	11635	11650	0.13	cps
Vanadium	51-2	5614	5898	6058	5857	3.83	cps
Yttrium	89-1	3060863	3039426	3049925	3050072	0.35	cps
Yttrium	89-2	733219	727308	733458	731328	0.48	cps
Zinc	66-2	1567	1470	1657	1565	5.97	cps
Zirconium	90-1	7025	7245	6988	7086	1.96	cps
Zirconium	91-1	1667	1620	1593	1627	2.28	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:43:11	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	770	873	717	787	10.13	cps
Antimony	121-1	4587	4791	4734	4704	2.23	cps
Arsenic	75-2	107	113	93	104	9.75	cps
Barium	135-1	5671	5731	6065	5822	3.64	cps
Barium	137-1	10257	9863	9903	10008	2.16	cps
Beryllium	9-1	357	387	363	369	4.27	cps
Bismuth	209-1	1586432	1582019	1563306	1577252	0.78	cps
Bismuth	209-2	1303702	1290116	1294423	1296080	0.54	cps
Bromine	81-1	3534	3554	3564	3550	0.43	cps
Bromine	81-2	33	20	10	21	55.45	cps
Cadmium	108-1	40	67	67	58	26.65	cps
Cadmium	106-1	763	840	750	784	6.19	cps
Cadmium	111-1	1243	1148	1188	1193	4.00	cps
Calcium	43-1	2697	2690	2560	2649	2.91	cps
Calcium	44-1	43853	44211	43856	43973	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1633	1667	1463	1588	6.87	cps
Cobalt	59-2	1173	1113	1013	1100	7.35	cps
Copper	63-2	1857	1863	2017	1912	4.73	cps
Dysprosium	156-1	617	543	643	601	8.62	cps
Dysprosium	156-2	57	113	87	86	33.13	cps
Erbium	164-1	13	20	17	17	20.01	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	3	10	17	10	66.70	cps
Gadolinium	160-2	90	107	117	104	12.90	cps
Holmium	165-1	2861394	2848698	2815319	2841804	0.84	cps
Holmium	165-2	1929427	1928464	1904175	1920688	0.75	cps
Indium	115-1	2230704	2231567	2215111	2225794	0.42	cps
Indium	115-2	687025	687472	687266	687254	0.03	cps
Iron	56-2	130053	131569	130568	130730	0.59	cps
Iron	57-2	3550	3751	3717	3673	2.92	cps
Iron	54-2	7285	7605	7395	7429	2.19	cps
Krypton	83-1	70	57	93	73	25.30	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:43:11	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1647	1543	1647	1612	3.70	cps
Lead	207-1	1483	1487	1583	1518	3.74	cps
Lead	208-1	6727	6874	6924	6842	1.49	cps
Lithium	6-1	415343	412759	415691	414597	0.39	cps
Magnesium	24-2	31743	32260	32227	32077	0.90	cps
Manganese	55-2	1150	1067	927	1048	10.77	cps
Molybdenum	94-1	4054	4194	4261	4170	2.53	cps
Molybdenum	95-1	5241	5031	5278	5183	2.57	cps
Molybdenum	96-1	5815	5725	5648	5729	1.46	cps
Molybdenum	97-1	3037	3270	3207	3171	3.81	cps
Molybdenum	98-1	8463	8359	8139	8320	1.99	cps
Neodymium	150-1	13	3	10	9	57.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	390	457	463	437	9.29	cps
Phosphorus	31-2	30	60	40	43	35.25	cps
Potassium	39-2	59549	59964	60620	60044	0.90	cps
Rhodium	103-1	1957702	1958873	1959007	1958527	0.04	cps
Rhodium	103-2	1030917	1025830	1028137	1028295	0.25	cps
Scandium	45-1	1090986	1090344	1089258	1090196	0.08	cps
Scandium	45-2	81953	82747	82717	82473	0.55	cps
Selenium	82-1	204	259	198	220	15.33	cps
Selenium	77-2	17	23	13	18	28.64	cps
Selenium	78-2	120	130	113	121	6.93	cps
Silicon	28-1	94009	92420	92909	93113	0.87	cps
Silver	107-1	2460	2710	2454	2541	5.76	cps
Silver	109-1	2487	2420	2430	2446	1.47	cps
Sodium	23-2	51238	50670	51128	51012	0.59	cps
Strontium	86-1	787	710	810	769	6.80	cps
Strontium	88-1	5931	5958	6135	6008	1.84	cps
Sulfur	34-1	67000	66400	66233	66544	0.61	cps
Terbium	159-1	2965114	2974446	2979816	2973125	0.25	cps
Terbium	159-2	1932665	1934503	1904591	1923920	0.87	cps
Thallium	203-1	1813	1967	1917	1899	4.12	cps
Thallium	205-1	4514	4567	4577	4553	0.75	cps
Tin	118-1	450	387	387	408	8.97	cps
Titanium	47-1	1180	1277	1220	1226	3.96	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB163992BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD992	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:43:11	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5858	6215	5938	6004	3.12	cps
Vanadium	51-2	3010	2994	2917	2974	1.67	cps
Yttrium	89-1	3100852	3101814	3035824	3079497	1.23	cps
Yttrium	89-2	733912	733554	737261	734909	0.28	cps
Zinc	66-2	880	863	1073	939	12.43	cps
Zirconium	90-1	3691	3764	3961	3805	3.67	cps
Zirconium	91-1	897	770	770	812	9.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:46:38	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77	67	57	67	15.00	cps
Antimony	121-1	27	47	43	39	27.55	cps
Arsenic	75-2	7	7	0	4	86.60	cps
Barium	135-1	90	73	100	88	15.35	cps
Barium	137-1	160	153	160	158	2.44	cps
Beryllium	9-1	60	33	43	46	29.58	cps
Bismuth	209-1	1595510	1588812	1575473	1586599	0.64	cps
Bismuth	209-2	1294019	1311241	1309755	1305005	0.73	cps
Bromine	81-1	3600	3711	3724	3678	1.84	cps
Bromine	81-2	27	33	23	28	18.33	cps
Cadmium	108-1	3	0	0	1	173.21	cps
Cadmium	106-1	720	753	660	711	6.65	cps
Cadmium	111-1	502	531	462	498	6.92	cps
Calcium	43-1	127	100	97	108	15.26	cps
Calcium	44-1	2260	2250	2360	2290	2.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147	143	113	134	13.66	cps
Cobalt	59-2	90	73	90	84	11.40	cps
Copper	63-2	430	330	383	381	13.13	cps
Dysprosium	156-1	677	617	553	616	10.02	cps
Dysprosium	156-2	100	110	100	103	5.59	cps
Erbium	164-1	17	20	23	20	16.65	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	13	20	13	16	24.76	cps
Gadolinium	160-2	80	87	103	90	13.35	cps
Holmium	165-1	2864540	2867742	2811068	2847783	1.12	cps
Holmium	165-2	1920289	1955763	1921064	1932372	1.05	cps
Indium	115-1	2242928	2202608	2253072	2232869	1.20	cps
Indium	115-2	688059	690553	691156	689923	0.24	cps
Iron	56-2	7492	7245	7118	7285	2.61	cps
Iron	57-2	503	533	647	561	13.47	cps
Iron	54-2	667	617	640	641	3.90	cps
Krypton	83-1	80	73	50	68	23.24	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:46:38	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	140	160	187	162	14.43	cps
Lead	207-1	123	67	103	98	29.39	cps
Lead	208-1	527	500	553	527	5.06	cps
Lithium	6-1	415012	415219	414023	414751	0.15	cps
Magnesium	24-2	1380	1320	1350	1350	2.22	cps
Manganese	55-2	403	437	417	419	4.01	cps
Molybdenum	94-1	47	57	90	64	35.20	cps
Molybdenum	95-1	17	7	37	20	76.36	cps
Molybdenum	96-1	77	60	57	64	16.63	cps
Molybdenum	97-1	10	23	3	12	83.33	cps
Molybdenum	98-1	33	33	37	34	5.60	cps
Neodymium	150-1	7	10	20	12	56.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	147	170	143	153	9.47	cps
Phosphorus	31-2	53	57	47	52	9.75	cps
Potassium	39-2	20601	20798	20828	20742	0.59	cps
Rhodium	103-1	1987018	1987691	1957809	1977506	0.86	cps
Rhodium	103-2	1028586	1040236	1037294	1035372	0.59	cps
Scandium	45-1	1093662	1086941	1097593	1092732	0.49	cps
Scandium	45-2	83113	83025	82915	83018	0.12	cps
Selenium	82-1	60	54	77	64	19.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	87	73	92	24.07	cps
Silicon	28-1	82437	83529	83305	83090	0.69	cps
Silver	107-1	37	23	53	38	39.79	cps
Silver	109-1	33	23	23	27	21.65	cps
Sodium	23-2	3857	3627	3854	3779	3.49	cps
Strontium	86-1	90	93	103	96	7.26	cps
Strontium	88-1	110	73	77	87	23.40	cps
Sulfur	34-1	66712	67502	68215	67476	1.11	cps
Terbium	159-1	2968944	2923860	3027115	2973307	1.74	cps
Terbium	159-2	1947418	1946953	1936194	1943522	0.33	cps
Thallium	203-1	17	23	37	26	39.85	cps
Thallium	205-1	63	97	73	78	22.00	cps
Tin	118-1	350	343	343	346	1.11	cps
Titanium	47-1	13	37	63	38	66.23	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:46:38	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	3	0	3	100.05	cps
Vanadium	51-2	3	13	0	6	124.93	cps
Yttrium	89-1	3118361	3122860	3086702	3109308	0.63	cps
Yttrium	89-2	738216	738823	740934	739324	0.19	cps
Zinc	66-2	343	233	280	286	19.33	cps
Zirconium	90-1	120	153	100	124	21.65	cps
Zirconium	91-1	50	30	37	39	26.18	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:53:31	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1610	1437	1513	1520	5.71	cps
Antimony	121-1	8913	9070	9160	9047	1.38	cps
Arsenic	75-2	233	207	230	223	6.51	cps
Barium	135-1	11391	11485	11351	11409	0.60	cps
Barium	137-1	20325	20595	19427	20115	3.04	cps
Beryllium	9-1	690	637	677	668	4.16	cps
Bismuth	209-1	1790205	1592069	1584226	1655500	7.05	cps
Bismuth	209-2	1307880	1296843	1300609	1301777	0.43	cps
Bromine	81-1	4024	3821	3801	3882	3.18	cps
Bromine	81-2	20	20	17	19	10.18	cps
Cadmium	108-1	90	130	50	90	44.44	cps
Cadmium	106-1	847	847	930	874	5.50	cps
Cadmium	111-1	1800	1672	1906	1793	6.55	cps
Calcium	43-1	5281	5301	5291	5291	0.19	cps
Calcium	44-1	84812	84936	83860	84536	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3007	3000	2920	2976	1.62	cps
Cobalt	59-2	1950	2067	1937	1985	3.60	cps
Copper	63-2	2987	3307	3294	3196	5.67	cps
Dysprosium	156-1	547	623	563	578	6.98	cps
Dysprosium	156-2	87	83	100	90	9.80	cps
Erbium	164-1	23	47	20	30	48.44	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	3	7	3	4	43.40	cps
Gadolinium	160-2	63	83	93	80	19.09	cps
Holmium	165-1	2845191	2890618	2856571	2864127	0.83	cps
Holmium	165-2	1913693	1959270	1938018	1936994	1.18	cps
Indium	115-1	2266401	2264759	2237583	2256248	0.72	cps
Indium	115-2	690234	689033	686852	688707	0.25	cps
Iron	56-2	256213	252711	251736	253553	0.93	cps
Iron	57-2	6835	6291	6948	6692	5.25	cps
Iron	54-2	14554	14063	13776	14131	2.78	cps
Krypton	83-1	80	47	63	63	26.31	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:53:31	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3157	3250	3144	3184	1.83	cps
Lead	207-1	2837	2917	2650	2801	4.89	cps
Lead	208-1	13113	13033	12599	12915	2.14	cps
Lithium	6-1	418048	420794	420862	419901	0.38	cps
Magnesium	24-2	61583	62409	62041	62011	0.67	cps
Manganese	55-2	1430	1543	1330	1435	7.44	cps
Molybdenum	94-1	8546	8456	8526	8509	0.56	cps
Molybdenum	95-1	10344	10430	10307	10360	0.61	cps
Molybdenum	96-1	11331	11868	11481	11560	2.40	cps
Molybdenum	97-1	6475	6158	6335	6323	2.51	cps
Molybdenum	98-1	16359	16763	16930	16684	1.76	cps
Neodymium	150-1	10	10	10	10	0.00	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	637	713	660	670	5.87	cps
Phosphorus	31-2	30	57	23	37	48.11	cps
Potassium	39-2	99207	99844	99237	99430	0.36	cps
Rhodium	103-1	1985863	1996643	1994802	1992436	0.29	cps
Rhodium	103-2	1035781	1032066	1033403	1033750	0.18	cps
Scandium	45-1	1102731	1097603	1089811	1096715	0.59	cps
Scandium	45-2	83827	82167	82935	82976	1.00	cps
Selenium	82-1	399	376	411	395	4.53	cps
Selenium	77-2	37	33	30	33	10.01	cps
Selenium	78-2	150	203	177	177	15.10	cps
Silicon	28-1	100892	100271	101362	100842	0.54	cps
Silver	107-1	5251	5024	5034	5103	2.51	cps
Silver	109-1	4978	4934	5078	4996	1.47	cps
Sodium	23-2	97070	98680	98683	98144	0.95	cps
Strontium	86-1	1397	1507	1480	1461	3.93	cps
Strontium	88-1	11551	12008	11925	11828	2.06	cps
Sulfur	34-1	68446	68941	70431	69273	1.49	cps
Terbium	159-1	3010516	2996096	3004977	3003863	0.24	cps
Terbium	159-2	1924976	1914496	1937465	1925646	0.60	cps
Thallium	203-1	3721	4011	3681	3804	4.74	cps
Thallium	205-1	9090	8950	8816	8952	1.53	cps
Tin	118-1	443	427	367	412	9.78	cps
Titanium	47-1	2270	2340	2294	2301	1.55	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 06:53:31	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11709	12076	11935	11907	1.56	cps
Vanadium	51-2	5741	5691	5821	5751	1.14	cps
Yttrium	89-1	3157094	3149660	3068134	3124963	1.58	cps
Yttrium	89-2	743677	739007	732014	738232	0.80	cps
Zinc	66-2	1733	1587	1583	1635	5.24	cps
Zirconium	90-1	7108	7389	7545	7347	3.01	cps
Zirconium	91-1	1547	1713	1653	1638	5.15	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:07:19	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	727	793	690	737	7.11	cps
Antimony	121-1	4117	3967	4117	4067	2.13	cps
Arsenic	75-2	80	90	80	83	6.93	cps
Barium	135-1	5444	5178	5094	5239	3.49	cps
Barium	137-1	9226	9233	9303	9254	0.46	cps
Beryllium	9-1	337	340	370	349	5.26	cps
Bismuth	209-1	1807292	1606132	1602993	1672139	7.00	cps
Bismuth	209-2	1331172	1321336	1325921	1326143	0.37	cps
Bromine	81-1	3604	3640	3640	3628	0.58	cps
Bromine	81-2	10	3	23	12	83.33	cps
Cadmium	108-1	33	50	40	41	20.41	cps
Cadmium	106-1	757	860	833	817	6.57	cps
Cadmium	111-1	1103	1164	1132	1133	2.68	cps
Calcium	43-1	2460	2407	2400	2422	1.36	cps
Calcium	44-1	40173	41340	40233	40582	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1487	1403	1437	1442	2.91	cps
Cobalt	59-2	957	1027	1053	1012	4.93	cps
Copper	63-2	1830	1610	1810	1750	6.95	cps
Dysprosium	156-1	567	533	553	551	3.04	cps
Dysprosium	156-2	100	67	100	89	21.65	cps
Erbium	164-1	17	27	13	19	36.75	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	10	7	3	7	50.03	cps
Gadolinium	160-2	93	90	130	104	21.25	cps
Holmium	165-1	2916239	2881754	2867647	2888546	0.87	cps
Holmium	165-2	1955445	1960286	1933521	1949751	0.73	cps
Indium	115-1	2283658	2263630	2244679	2263989	0.86	cps
Indium	115-2	696002	692115	689041	692386	0.50	cps
Iron	56-2	119214	118871	118761	118949	0.20	cps
Iron	57-2	3324	3447	3290	3354	2.46	cps
Iron	54-2	7012	6655	6675	6780	2.96	cps
Krypton	83-1	67	73	60	67	10.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:07:19	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1453	1700	1517	1557	8.23	cps
Lead	207-1	1353	1260	1453	1356	7.13	cps
Lead	208-1	6154	6261	6461	6292	2.48	cps
Lithium	6-1	428348	426549	429848	428248	0.39	cps
Magnesium	24-2	29345	29064	29328	29246	0.54	cps
Manganese	55-2	967	1013	880	953	7.10	cps
Molybdenum	94-1	3817	3841	3951	3869	1.84	cps
Molybdenum	95-1	4707	4604	4557	4623	1.66	cps
Molybdenum	96-1	5381	5248	5284	5304	1.30	cps
Molybdenum	97-1	2914	3064	2964	2980	2.56	cps
Molybdenum	98-1	7565	7929	7712	7735	2.36	cps
Neodymium	150-1	3	7	3	4	43.40	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	383	410	393	396	3.41	cps
Phosphorus	31-2	33	27	60	40	44.09	cps
Potassium	39-2	57167	56765	56344	56758	0.73	cps
Rhodium	103-1	2000554	2006859	2003367	2003593	0.16	cps
Rhodium	103-2	1048529	1038511	1045675	1044238	0.49	cps
Scandium	45-1	1105933	1108929	1106313	1107058	0.15	cps
Scandium	45-2	83260	84239	83471	83657	0.62	cps
Selenium	82-1	188	203	163	185	10.84	cps
Selenium	77-2	10	10	13	11	17.30	cps
Selenium	78-2	80	97	103	93	12.88	cps
Silicon	28-1	92852	91839	92191	92294	0.56	cps
Silver	107-1	2300	2290	2374	2321	1.96	cps
Silver	109-1	2150	1990	2130	2090	4.17	cps
Sodium	23-2	47366	46510	46831	46902	0.92	cps
Strontium	86-1	757	680	727	721	5.36	cps
Strontium	88-1	5648	5521	5368	5512	2.54	cps
Sulfur	34-1	66243	67870	68151	67421	1.53	cps
Terbium	159-1	3056933	3034006	3038457	3043132	0.40	cps
Terbium	159-2	1965999	1912152	1954221	1944124	1.46	cps
Thallium	203-1	1803	1710	1783	1766	2.78	cps
Thallium	205-1	4291	4124	4211	4208	1.98	cps
Tin	118-1	433	357	440	410	11.29	cps
Titanium	47-1	1037	1043	1080	1053	2.22	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:07:19	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5435	5414	5425	5424	0.18	cps
Vanadium	51-2	2660	2590	2464	2571	3.88	cps
Yttrium	89-1	3153703	3127441	3124343	3135163	0.51	cps
Yttrium	89-2	748575	744870	743172	745539	0.37	cps
Zinc	66-2	1147	993	970	1037	9.26	cps
Zirconium	90-1	3404	3184	3304	3297	3.34	cps
Zirconium	91-1	813	790	727	777	5.77	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:10:43	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	100	78	32.73	cps
Antimony	121-1	30	53	30	38	35.66	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	77	57	107	80	31.46	cps
Barium	137-1	140	140	110	130	13.32	cps
Beryllium	9-1	30	33	47	37	24.06	cps
Bismuth	209-1	1588459	1584935	1580242	1584545	0.26	cps
Bismuth	209-2	1306298	1293422	1308015	1302579	0.61	cps
Bromine	81-1	3931	3891	3837	3886	1.21	cps
Bromine	81-2	20	30	13	21	39.75	cps
Cadmium	108-1	3	3	0	2	86.60	cps
Cadmium	106-1	803	720	760	761	5.48	cps
Cadmium	111-1	563	512	535	537	4.82	cps
Calcium	43-1	70	133	133	112	32.59	cps
Calcium	44-1	2120	2344	2134	2199	5.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127	107	97	110	13.89	cps
Cobalt	59-2	50	83	43	59	36.39	cps
Copper	63-2	467	443	403	438	7.32	cps
Dysprosium	156-1	557	577	570	568	1.79	cps
Dysprosium	156-2	100	107	130	112	14.04	cps
Erbium	164-1	33	10	30	24	51.62	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	10	7	3	7	50.03	cps
Gadolinium	160-2	87	80	87	84	4.56	cps
Holmium	165-1	2832133	2851291	2816539	2833321	0.61	cps
Holmium	165-2	1934557	1946471	1946828	1942619	0.36	cps
Indium	115-1	2264861	2234511	2247806	2249059	0.68	cps
Indium	115-2	689961	682230	686194	686129	0.56	cps
Iron	56-2	7142	7008	7072	7074	0.94	cps
Iron	57-2	540	577	610	576	6.08	cps
Iron	54-2	570	707	717	664	12.33	cps
Krypton	83-1	67	70	50	62	17.22	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:10:43	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	100	120	130	117	13.09	cps
Lead	207-1	120	110	130	120	8.33	cps
Lead	208-1	473	473	497	481	2.80	cps
Lithium	6-1	423883	425451	422903	424079	0.30	cps
Magnesium	24-2	1363	1367	1393	1375	1.20	cps
Manganese	55-2	400	473	457	443	8.67	cps
Molybdenum	94-1	77	50	70	66	21.17	cps
Molybdenum	95-1	33	30	43	36	19.51	cps
Molybdenum	96-1	70	63	70	68	5.68	cps
Molybdenum	97-1	30	3	27	20	72.66	cps
Molybdenum	98-1	53	70	37	53	31.25	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	150	160	120	143	14.52	cps
Phosphorus	31-2	47	40	67	51	27.15	cps
Potassium	39-2	20995	20808	20744	20849	0.62	cps
Rhodium	103-1	1986799	1968622	1976530	1977317	0.46	cps
Rhodium	103-2	1036392	1027144	1034829	1032788	0.48	cps
Scandium	45-1	1101499	1095130	1098876	1098501	0.29	cps
Scandium	45-2	83280	82114	81742	82379	0.97	cps
Selenium	82-1	63	58	88	70	23.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	83	73	71	18.94	cps
Silicon	28-1	83814	84397	83697	83969	0.45	cps
Silver	107-1	47	23	37	36	32.93	cps
Silver	109-1	30	37	20	29	29.04	cps
Sodium	23-2	3664	3570	3444	3559	3.10	cps
Strontium	86-1	87	103	120	103	16.13	cps
Strontium	88-1	217	183	177	192	11.15	cps
Sulfur	34-1	69962	69390	69005	69452	0.69	cps
Terbium	159-1	3015042	2964757	2971592	2983797	0.91	cps
Terbium	159-2	1951720	1921423	1909186	1927443	1.14	cps
Thallium	203-1	17	27	17	20	28.86	cps
Thallium	205-1	43	47	73	54	30.20	cps
Tin	118-1	397	383	360	380	4.88	cps
Titanium	47-1	30	33	57	40	36.33	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:10:43	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	10	7	8	24.71	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	3104814	3085105	3044301	3078073	1.00	cps
Yttrium	89-2	741075	735567	735416	737353	0.44	cps
Zinc	66-2	353	367	333	351	4.78	cps
Zirconium	90-1	143	120	140	134	9.39	cps
Zirconium	91-1	40	30	23	31	26.97	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:14:10	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1290	1433	1233	1319	7.82	cps
Antimony	121-1	7739	8169	8179	8029	3.13	cps
Arsenic	75-2	210	133	223	189	25.72	cps
Barium	135-1	10287	9874	10060	10074	2.06	cps
Barium	137-1	17614	17735	18015	17788	1.16	cps
Beryllium	9-1	663	690	640	664	3.77	cps
Bismuth	209-1	1567324	1570019	1558997	1565447	0.37	cps
Bismuth	209-2	1298460	1304949	1296374	1299928	0.34	cps
Bromine	81-1	3654	3600	3811	3688	2.96	cps
Bromine	81-2	13	17	13	14	13.35	cps
Cadmium	108-1	57	107	73	79	32.27	cps
Cadmium	106-1	993	993	883	957	6.64	cps
Cadmium	111-1	1759	1647	1604	1670	4.80	cps
Calcium	43-1	4667	4621	4787	4692	1.83	cps
Calcium	44-1	75248	75312	75094	75218	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2780	2470	2684	2645	6.00	cps
Cobalt	59-2	1970	1857	1810	1879	4.38	cps
Copper	63-2	2890	3227	3074	3064	5.50	cps
Dysprosium	156-1	630	540	607	592	7.89	cps
Dysprosium	156-2	140	113	113	122	12.59	cps
Erbium	164-1	3	17	13	11	62.48	cps
Erbium	164-2	17	20	3	13	66.16	cps
Gadolinium	160-1	3	10	10	8	49.52	cps
Gadolinium	160-2	97	120	130	116	14.80	cps
Holmium	165-1	2854265	2863644	2833048	2850319	0.55	cps
Holmium	165-2	1945202	1908873	1939731	1931269	1.01	cps
Indium	115-1	2276086	2224232	2259904	2253407	1.18	cps
Indium	115-2	688439	686752	682683	685958	0.43	cps
Iron	56-2	227867	226246	225755	226622	0.49	cps
Iron	57-2	6265	6178	6058	6167	1.68	cps
Iron	54-2	12886	12992	12622	12833	1.49	cps
Krypton	83-1	60	70	73	68	10.24	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:14:10	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2880	2744	2754	2793	2.73	cps
Lead	207-1	2574	2717	2617	2636	2.79	cps
Lead	208-1	11659	11819	11535	11671	1.22	cps
Lithium	6-1	427008	425695	423425	425376	0.43	cps
Magnesium	24-2	56105	55613	55955	55891	0.45	cps
Manganese	55-2	1457	1463	1377	1432	3.37	cps
Molybdenum	94-1	7369	7902	7759	7677	3.60	cps
Molybdenum	95-1	9120	9220	8873	9071	1.97	cps
Molybdenum	96-1	9907	9923	9757	9862	0.93	cps
Molybdenum	97-1	5755	5711	5831	5766	1.05	cps
Molybdenum	98-1	14968	14871	14728	14855	0.81	cps
Neodymium	150-1	7	3	13	8	65.47	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	597	547	583	576	4.50	cps
Phosphorus	31-2	60	50	57	56	9.17	cps
Potassium	39-2	92401	90305	90343	91016	1.32	cps
Rhodium	103-1	1970087	1955142	1978471	1967900	0.60	cps
Rhodium	103-2	1028252	1031094	1024913	1028086	0.30	cps
Scandium	45-1	1093519	1099176	1093824	1095506	0.29	cps
Scandium	45-2	83857	82375	82865	83032	0.91	cps
Selenium	82-1	349	344	359	350	2.21	cps
Selenium	77-2	13	27	43	28	54.11	cps
Selenium	78-2	160	163	110	144	20.68	cps
Silicon	28-1	99151	100098	99641	99630	0.48	cps
Silver	107-1	4324	4231	4527	4361	3.48	cps
Silver	109-1	3917	4584	4221	4241	7.87	cps
Sodium	23-2	88428	87275	88633	88112	0.83	cps
Strontium	86-1	1220	1327	1290	1279	4.24	cps
Strontium	88-1	10457	10647	10831	10645	1.76	cps
Sulfur	34-1	69691	68657	69186	69178	0.75	cps
Terbium	159-1	2967479	2999701	2961020	2976067	0.70	cps
Terbium	159-2	1921976	1942150	1889242	1917789	1.39	cps
Thallium	203-1	3080	3360	3320	3254	4.66	cps
Thallium	205-1	7779	7996	8072	7949	1.91	cps
Tin	118-1	423	473	437	444	5.83	cps
Titanium	47-1	2134	2030	2003	2056	3.34	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:14:10	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10608	10574	10804	10662	1.17	cps
Vanadium	51-2	5214	4994	5068	5092	2.20	cps
Yttrium	89-1	3105140	3088593	3106802	3100178	0.32	cps
Yttrium	89-2	735336	736562	734133	735344	0.17	cps
Zinc	66-2	1603	1433	1443	1493	6.39	cps
Zirconium	90-1	6438	6652	6595	6562	1.68	cps
Zirconium	91-1	1307	1183	1443	1311	9.92	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:17:34	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800	807	713	773	6.73	cps
Antimony	121-1	4451	4501	4477	4476	0.56	cps
Arsenic	75-2	120	97	100	106	11.95	cps
Barium	135-1	5695	5885	5735	5771	1.74	cps
Barium	137-1	9890	9687	9870	9816	1.14	cps
Beryllium	9-1	387	363	380	377	3.19	cps
Bismuth	209-1	1544701	1544223	1549439	1546121	0.19	cps
Bismuth	209-2	1282610	1283326	1286345	1284094	0.15	cps
Bromine	81-1	3547	3444	3574	3522	1.95	cps
Bromine	81-2	27	20	20	22	17.33	cps
Cadmium	108-1	53	40	43	46	15.23	cps
Cadmium	106-1	813	763	797	791	3.22	cps
Cadmium	111-1	1172	1226	1174	1191	2.59	cps
Calcium	43-1	2757	2670	2764	2730	1.91	cps
Calcium	44-1	43933	44255	44060	44083	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1657	1580	1673	1637	3.04	cps
Cobalt	59-2	1127	1100	1107	1111	1.25	cps
Copper	63-2	1953	1953	1890	1932	1.89	cps
Dysprosium	156-1	493	493	510	499	1.93	cps
Dysprosium	156-2	97	100	97	98	1.97	cps
Erbium	164-1	3	23	17	14	70.51	cps
Erbium	164-2	10	20	0	10	100.00	cps
Gadolinium	160-1	10	3	3	6	69.34	cps
Gadolinium	160-2	67	70	107	81	27.36	cps
Holmium	165-1	2822906	2855294	2795627	2824609	1.06	cps
Holmium	165-2	1906251	1895817	1927901	1909990	0.86	cps
Indium	115-1	2210224	2181058	2188168	2193150	0.69	cps
Indium	115-2	673980	675813	675435	675076	0.14	cps
Iron	56-2	131609	130715	130174	130833	0.55	cps
Iron	57-2	3584	3644	3714	3647	1.78	cps
Iron	54-2	7569	7539	7132	7413	3.29	cps
Krypton	83-1	50	70	70	63	18.23	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:17:34	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1593	1670	1613	1626	2.45	cps
Lead	207-1	1460	1567	1450	1492	4.33	cps
Lead	208-1	6574	6974	6787	6779	2.95	cps
Lithium	6-1	426295	421727	423894	423972	0.54	cps
Magnesium	24-2	31990	32905	32274	32390	1.45	cps
Manganese	55-2	940	1027	1007	991	4.58	cps
Molybdenum	94-1	4291	4197	4237	4242	1.10	cps
Molybdenum	95-1	5134	5271	5191	5199	1.32	cps
Molybdenum	96-1	5871	5795	5755	5807	1.02	cps
Molybdenum	97-1	3300	3147	3080	3176	3.55	cps
Molybdenum	98-1	8332	8763	8503	8533	2.54	cps
Neodymium	150-1	10	3	0	4	114.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	390	410	377	392	4.28	cps
Phosphorus	31-2	40	33	50	41	20.41	cps
Potassium	39-2	60158	59007	60125	59763	1.10	cps
Rhodium	103-1	1969506	1969786	1970130	1969808	0.02	cps
Rhodium	103-2	1015984	1016327	1015658	1015989	0.03	cps
Scandium	45-1	1089475	1086280	1087215	1087657	0.15	cps
Scandium	45-2	81946	81698	81672	81772	0.19	cps
Selenium	82-1	252	231	179	221	17.01	cps
Selenium	77-2	13	7	20	13	49.99	cps
Selenium	78-2	110	110	120	113	5.09	cps
Silicon	28-1	92275	92500	93238	92671	0.54	cps
Silver	107-1	2714	2580	2584	2626	2.90	cps
Silver	109-1	2460	2390	2330	2394	2.72	cps
Sodium	23-2	51586	52255	51432	51758	0.85	cps
Strontium	86-1	733	777	860	790	8.15	cps
Strontium	88-1	5898	6281	6165	6115	3.21	cps
Sulfur	34-1	68643	70377	68339	69120	1.59	cps
Terbium	159-1	2937906	2969038	2932047	2946330	0.67	cps
Terbium	159-2	1905075	1902472	1891657	1899735	0.37	cps
Thallium	203-1	1880	1997	1780	1886	5.75	cps
Thallium	205-1	4537	4684	4634	4619	1.61	cps
Tin	118-1	363	393	297	351	14.09	cps
Titanium	47-1	1303	1310	1290	1301	0.78	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:17:34	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5945	5751	6222	5973	3.96	cps
Vanadium	51-2	2790	2927	2910	2876	2.59	cps
Yttrium	89-1	3086996	3049256	3060211	3065488	0.63	cps
Yttrium	89-2	724143	726980	728885	726669	0.33	cps
Zinc	66-2	970	967	890	942	4.80	cps
Zirconium	90-1	3774	3557	3687	3673	2.97	cps
Zirconium	91-1	747	863	810	807	7.24	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BL	Instrumnet Name :	P7
Client Sample ID :	PBS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:21:01	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	70	40	54	27.61	cps
Antimony	121-1	20	53	40	38	44.41	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	110	97	93	100	8.82	cps
Barium	137-1	173	143	123	147	17.16	cps
Beryllium	9-1	13	27	17	19	36.75	cps
Bismuth	209-1	1563487	1562074	1565490	1563684	0.11	cps
Bismuth	209-2	1279343	1274667	1261813	1271941	0.71	cps
Bromine	81-1	3360	3747	3500	3536	5.54	cps
Bromine	81-2	17	17	17	17	0.00	cps
Cadmium	108-1	0	0	7	2	173.21	cps
Cadmium	106-1	680	663	797	713	10.18	cps
Cadmium	111-1	476	471	553	500	9.19	cps
Calcium	43-1	160	120	93	124	26.97	cps
Calcium	44-1	2204	2180	2204	2196	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120	113	113	116	3.33	cps
Cobalt	59-2	87	63	40	63	36.84	cps
Copper	63-2	390	370	407	389	4.72	cps
Dysprosium	156-1	563	547	517	542	4.36	cps
Dysprosium	156-2	67	117	60	81	38.18	cps
Erbium	164-1	23	33	20	26	27.15	cps
Erbium	164-2	7	10	23	13	66.12	cps
Gadolinium	160-1	3	23	20	16	68.90	cps
Gadolinium	160-2	83	103	110	99	14.04	cps
Holmium	165-1	2852530	2854665	2812383	2839860	0.84	cps
Holmium	165-2	1908718	1897958	1907217	1904631	0.31	cps
Indium	115-1	2192942	2196066	2223785	2204264	0.77	cps
Indium	115-2	675282	669815	668678	671259	0.53	cps
Iron	56-2	6918	6788	6962	6889	1.31	cps
Iron	57-2	560	590	530	560	5.36	cps
Iron	54-2	647	550	560	586	9.08	cps
Krypton	83-1	80	70	60	70	14.29	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BL	Instrumnet Name :	P7
Client Sample ID :	PBS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:21:01	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	120	140	113	124	11.15	cps
Lead	207-1	97	87	77	87	11.54	cps
Lead	208-1	437	450	477	454	4.48	cps
Lithium	6-1	416005	421751	419143	418966	0.69	cps
Magnesium	24-2	1287	1193	1300	1260	4.61	cps
Manganese	55-2	383	313	400	366	12.58	cps
Molybdenum	94-1	67	57	80	68	17.27	cps
Molybdenum	95-1	23	40	17	27	45.07	cps
Molybdenum	96-1	70	100	63	78	25.11	cps
Molybdenum	97-1	10	3	7	7	50.03	cps
Molybdenum	98-1	33	17	30	27	33.06	cps
Neodymium	150-1	0	13	3	6	124.93	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	137	120	133	130	6.79	cps
Phosphorus	31-2	43	40	63	49	25.81	cps
Potassium	39-2	20003	20183	20537	20241	1.34	cps
Rhodium	103-1	1924541	1898988	1950461	1924664	1.34	cps
Rhodium	103-2	1013735	1013544	1004464	1010581	0.52	cps
Scandium	45-1	1072210	1077534	1079275	1076340	0.34	cps
Scandium	45-2	81440	81236	82194	81623	0.62	cps
Selenium	82-1	46	49	44	46	5.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	67	67	63	9.12	cps
Silicon	28-1	83677	83244	84243	83721	0.60	cps
Silver	107-1	27	33	47	36	28.64	cps
Silver	109-1	40	30	23	31	26.97	cps
Sodium	23-2	3527	3300	3404	3410	3.33	cps
Strontium	86-1	100	133	87	107	22.54	cps
Strontium	88-1	93	80	47	73	32.77	cps
Sulfur	34-1	67498	66785	67579	67287	0.65	cps
Terbium	159-1	2965639	2964550	2961790	2963993	0.07	cps
Terbium	159-2	1887453	1877947	1871292	1878897	0.43	cps
Thallium	203-1	17	30	30	26	30.11	cps
Thallium	205-1	40	77	60	59	31.18	cps
Tin	118-1	330	273	420	341	21.69	cps
Titanium	47-1	40	27	27	31	24.74	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BL	Instrumnet Name :	P7
Client Sample ID :	PBS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:21:01	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	7	7	7	0.00	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	3065673	3047056	3048588	3053772	0.34	cps
Yttrium	89-2	724886	714296	716210	718464	0.79	cps
Zinc	66-2	270	270	330	290	11.94	cps
Zirconium	90-1	110	153	167	143	20.67	cps
Zirconium	91-1	47	23	40	37	32.79	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BS	Instrumnet Name :	P7
Client Sample ID :	LCS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:24:25	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1457	1443	1503	1468	2.15	cps
Antimony	121-1	8703	9006	8829	8846	1.72	cps
Arsenic	75-2	190	197	213	200	6.01	cps
Barium	135-1	11398	11285	11401	11361	0.59	cps
Barium	137-1	19667	19233	19764	19555	1.45	cps
Beryllium	9-1	733	753	650	712	7.70	cps
Bismuth	209-1	1794308	1568505	1565748	1642854	7.98	cps
Bismuth	209-2	1301612	1304338	1288789	1298247	0.64	cps
Bromine	81-1	3384	3474	3410	3423	1.35	cps
Bromine	81-2	23	20	17	20	16.65	cps
Cadmium	108-1	70	100	100	90	19.25	cps
Cadmium	106-1	957	853	897	902	5.75	cps
Cadmium	111-1	1827	1841	1798	1822	1.21	cps
Calcium	43-1	4881	5274	5108	5088	3.88	cps
Calcium	44-1	82868	84212	83592	83557	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3094	3044	3040	3059	0.98	cps
Cobalt	59-2	2107	2067	2114	2096	1.20	cps
Copper	63-2	3370	3464	3407	3414	1.38	cps
Dysprosium	156-1	520	470	510	500	5.29	cps
Dysprosium	156-2	90	87	90	89	2.16	cps
Erbium	164-1	20	13	30	21	39.75	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	13	0	3	6	124.93	cps
Gadolinium	160-2	83	83	103	90	12.83	cps
Holmium	165-1	2931489	2851348	2850224	2877687	1.62	cps
Holmium	165-2	1923734	1912041	1915062	1916946	0.32	cps
Indium	115-1	2299193	2190093	2189484	2226257	2.84	cps
Indium	115-2	682652	676527	679395	679525	0.45	cps
Iron	56-2	249933	249595	248330	249286	0.34	cps
Iron	57-2	6822	6838	6705	6788	1.07	cps
Iron	54-2	14113	13953	14307	14125	1.25	cps
Krypton	83-1	53	57	57	56	3.47	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BS	Instrumnet Name :	P7
Client Sample ID :	LCS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:24:25	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3310	3157	3204	3224	2.44	cps
Lead	207-1	2827	2724	3004	2851	4.97	cps
Lead	208-1	13273	12676	13356	13102	2.83	cps
Lithium	6-1	434689	423913	422742	427114	1.54	cps
Magnesium	24-2	62894	62396	61669	62320	0.99	cps
Manganese	55-2	1517	1527	1500	1515	0.89	cps
Molybdenum	94-1	8269	8212	8236	8239	0.35	cps
Molybdenum	95-1	9800	9540	10294	9878	3.88	cps
Molybdenum	96-1	11304	11321	11268	11298	0.24	cps
Molybdenum	97-1	5988	6205	6248	6147	2.27	cps
Molybdenum	98-1	16252	16152	16970	16458	2.71	cps
Neodymium	150-1	3	3	7	4	43.40	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	607	683	650	647	5.94	cps
Phosphorus	31-2	37	33	53	41	26.06	cps
Potassium	39-2	98831	99016	98029	98625	0.53	cps
Rhodium	103-1	2013163	1945496	1947537	1968732	1.96	cps
Rhodium	103-2	1024478	1018797	1021596	1021624	0.28	cps
Scandium	45-1	1116670	1082474	1077835	1092327	1.94	cps
Scandium	45-2	82168	81115	81852	81712	0.66	cps
Selenium	82-1	376	356	382	371	3.69	cps
Selenium	77-2	17	27	37	27	37.50	cps
Selenium	78-2	147	180	160	162	10.34	cps
Silicon	28-1	101910	101792	101278	101660	0.33	cps
Silver	107-1	4908	5031	5201	5046	2.92	cps
Silver	109-1	4674	4838	4824	4779	1.90	cps
Sodium	23-2	98086	97234	99026	98115	0.91	cps
Strontium	86-1	1547	1327	1507	1460	8.03	cps
Strontium	88-1	11755	11695	11525	11658	1.02	cps
Sulfur	34-1	66604	68295	66246	67048	1.63	cps
Terbium	159-1	3077888	2961264	2941886	2993680	2.46	cps
Terbium	159-2	1917739	1904790	1867404	1896644	1.38	cps
Thallium	203-1	3534	3764	3744	3681	3.46	cps
Thallium	205-1	8866	8976	9217	9020	1.99	cps
Tin	118-1	487	360	530	459	19.25	cps
Titanium	47-1	2247	2284	2170	2234	2.59	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BS	Instrumnet Name :	P7
Client Sample ID :	LCS083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:24:25	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11895	11915	11649	11820	1.26	cps
Vanadium	51-2	6121	5721	6121	5988	3.86	cps
Yttrium	89-1	3199235	3060048	3047317	3102200	2.72	cps
Yttrium	89-2	736820	727252	728865	730979	0.70	cps
Zinc	66-2	1623	1720	1643	1662	3.07	cps
Zirconium	90-1	7222	6862	7185	7090	2.80	cps
Zirconium	91-1	1550	1590	1460	1533	4.34	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:27:52	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	760	833	820	804	4.86	cps
Antimony	121-1	4357	4364	4147	4290	2.87	cps
Arsenic	75-2	70	83	70	74	10.34	cps
Barium	135-1	5504	5274	5158	5312	3.32	cps
Barium	137-1	9533	9680	9890	9701	1.85	cps
Beryllium	9-1	310	310	330	317	3.65	cps
Bismuth	209-1	1790142	1579306	1579966	1649805	7.37	cps
Bismuth	209-2	1304926	1298651	1298368	1300648	0.29	cps
Bromine	81-1	3507	3707	3637	3617	2.81	cps
Bromine	81-2	27	17	13	19	36.75	cps
Cadmium	108-1	43	37	63	48	29.04	cps
Cadmium	106-1	870	787	710	789	10.14	cps
Cadmium	111-1	1079	1008	963	1017	5.75	cps
Calcium	43-1	2574	2360	2507	2480	4.40	cps
Calcium	44-1	41159	41192	41420	41257	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1480	1473	1387	1447	3.60	cps
Cobalt	59-2	937	990	1067	998	6.55	cps
Copper	63-2	1713	1700	1830	1748	4.09	cps
Dysprosium	156-1	527	573	503	534	6.67	cps
Dysprosium	156-2	83	93	117	98	17.50	cps
Erbium	164-1	23	23	27	24	7.89	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	3	7	0	3	100.05	cps
Gadolinium	160-2	130	90	100	107	19.52	cps
Holmium	165-1	2899025	2833905	2842369	2858433	1.24	cps
Holmium	165-2	1958396	1908526	1895583	1920835	1.73	cps
Indium	115-1	2223500	2242141	2255826	2240489	0.72	cps
Indium	115-2	681191	678242	676030	678488	0.38	cps
Iron	56-2	123411	122248	121637	122432	0.74	cps
Iron	57-2	3460	3370	3577	3469	2.99	cps
Iron	54-2	7175	7002	6975	7051	1.54	cps
Krypton	83-1	80	70	80	77	7.53	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:27:52	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1667	1567	1583	1606	3.34	cps
Lead	207-1	1483	1443	1273	1400	7.96	cps
Lead	208-1	6481	6374	6334	6396	1.19	cps
Lithium	6-1	423067	420335	424777	422726	0.53	cps
Magnesium	24-2	30687	30166	30190	30348	0.97	cps
Manganese	55-2	940	917	1023	960	5.84	cps
Molybdenum	94-1	3991	3984	3994	3989	0.13	cps
Molybdenum	95-1	4797	4661	4701	4720	1.49	cps
Molybdenum	96-1	5218	5198	5398	5271	2.09	cps
Molybdenum	97-1	3094	3097	2830	3007	5.09	cps
Molybdenum	98-1	8012	8139	7659	7937	3.14	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	363	430	363	386	9.98	cps
Phosphorus	31-2	63	23	40	42	47.59	cps
Potassium	39-2	56541	58140	57876	57519	1.49	cps
Rhodium	103-1	1981344	1997621	1942453	1973806	1.44	cps
Rhodium	103-2	1025530	1019884	1015335	1020250	0.50	cps
Scandium	45-1	1078610	1082581	1080823	1080671	0.18	cps
Scandium	45-2	80787	81899	81159	81282	0.70	cps
Selenium	82-1	184	214	187	195	8.47	cps
Selenium	77-2	13	13	20	16	24.76	cps
Selenium	78-2	73	110	107	97	20.98	cps
Silicon	28-1	91658	93359	92131	92383	0.95	cps
Silver	107-1	2384	2374	2447	2401	1.66	cps
Silver	109-1	2254	2360	2317	2310	2.32	cps
Sodium	23-2	48158	47894	48262	48105	0.39	cps
Strontium	86-1	713	747	707	722	2.97	cps
Strontium	88-1	5501	5908	5738	5716	3.57	cps
Sulfur	34-1	67183	66902	67913	67333	0.77	cps
Terbium	159-1	2981544	3006217	2984660	2990807	0.45	cps
Terbium	159-2	1909385	1903955	1896401	1903247	0.34	cps
Thallium	203-1	1733	1743	1763	1747	0.87	cps
Thallium	205-1	4361	4221	4307	4296	1.65	cps
Tin	118-1	430	417	380	409	6.33	cps
Titanium	47-1	1117	1240	1177	1178	5.24	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	PB164083BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD083	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:27:52	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5851	5638	5755	5748	1.86	cps
Vanadium	51-2	2750	2834	2694	2759	2.55	cps
Yttrium	89-1	3084534	3093190	3063309	3080344	0.50	cps
Yttrium	89-2	727872	727893	721830	725865	0.48	cps
Zinc	66-2	1047	917	1000	988	6.67	cps
Zirconium	90-1	3447	3567	3527	3514	1.74	cps
Zirconium	91-1	843	807	803	818	2.71	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-01	Instrumnet Name :	P7
Client Sample ID :	MYD0B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:31:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2561437	2532526	2519807	2537923	0.84	cps
Antimony	121-1	2023	2384	2224	2210	8.16	cps
Arsenic	75-2	8272	8599	8329	8400	2.08	cps
Barium	135-1	200416	199516	198435	199456	0.50	cps
Barium	137-1	348711	347333	348641	348228	0.22	cps
Beryllium	9-1	1393	1277	1280	1317	5.04	cps
Bismuth	209-1	1593278	1569651	1545831	1569587	1.51	cps
Bismuth	209-2	1264154	1270935	1262699	1265929	0.35	cps
Bromine	81-1	4271	4347	4291	4303	0.92	cps
Bromine	81-2	117	163	120	133	19.53	cps
Cadmium	108-1	170	133	123	142	17.27	cps
Cadmium	106-1	1170	1153	993	1106	8.82	cps
Cadmium	111-1	1380	1431	1356	1389	2.76	cps
Calcium	43-1	89780	88127	87835	88581	1.18	cps
Calcium	44-1	1346816	1375968	1325621	1349468	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75983	74878	74359	75073	1.11	cps
Cobalt	59-2	40999	40906	40936	40947	0.12	cps
Copper	63-2	144035	141982	143453	143157	0.74	cps
Dysprosium	156-1	16089	16219	16269	16193	0.57	cps
Dysprosium	156-2	12459	12432	12976	12622	2.43	cps
Erbium	164-1	13560	13210	12819	13196	2.81	cps
Erbium	164-2	8816	8316	8519	8550	2.94	cps
Gadolinium	160-1	14034	13997	14518	14183	2.05	cps
Gadolinium	160-2	10064	9467	9707	9746	3.08	cps
Holmium	165-1	2968795	2901713	2893058	2921189	1.42	cps
Holmium	165-2	1924966	1915346	1883478	1907930	1.14	cps
Indium	115-1	2236101	2207622	2155944	2199889	1.85	cps
Indium	115-2	659701	660713	656661	659025	0.32	cps
Iron	56-2	56416809	56326454	56159794	56301019	0.23	cps
Iron	57-2	1411725	1400092	1398087	1403301	0.52	cps
Iron	54-2	3095739	3094142	3117524	3102468	0.42	cps
Krypton	83-1	73	73	73	73	0.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-01	Instrumnet Name :	P7
Client Sample ID :	MYD0B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:31:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	136396	136114	133949	135487	0.99	cps
Lead	207-1	118827	116642	116555	117342	1.10	cps
Lead	208-1	544245	540379	535421	540015	0.82	cps
Lithium	6-1	429327	427186	420062	425525	1.14	cps
Magnesium	24-2	1399245	1394835	1366944	1387008	1.26	cps
Manganese	55-2	1572815	1580542	1575992	1576450	0.25	cps
Molybdenum	94-1	43224	43267	42588	43026	0.88	cps
Molybdenum	95-1	1043	1067	963	1024	5.29	cps
Molybdenum	96-1	9016	8976	8919	8971	0.54	cps
Molybdenum	97-1	593	593	563	583	2.97	cps
Molybdenum	98-1	1570	1507	1523	1533	2.14	cps
Neodymium	150-1	26979	27346	27186	27171	0.68	cps
Neodymium	150-2	14611	14795	14968	14791	1.21	cps
Nickel	60-2	19923	20087	19867	19959	0.57	cps
Phosphorus	31-2	1940	2084	1997	2007	3.60	cps
Potassium	39-2	535169	533336	527184	531896	0.79	cps
Rhodium	103-1	1935618	1938525	1891291	1921811	1.38	cps
Rhodium	103-2	983136	984093	977864	981698	0.34	cps
Scandium	45-1	1164061	1152742	1131508	1149437	1.44	cps
Scandium	45-2	84688	84584	84142	84471	0.34	cps
Selenium	82-1	95	81	96	90	9.09	cps
Selenium	77-2	7	30	23	20	60.08	cps
Selenium	78-2	120	60	103	94	32.79	cps
Silicon	28-1	6157757	6209766	6078778	6148767	1.07	cps
Silver	107-1	1473	1390	1320	1395	5.50	cps
Silver	109-1	1327	1233	1167	1242	6.47	cps
Sodium	23-2	21028	21301	21478	21269	1.07	cps
Strontium	86-1	54547	53236	53487	53757	1.29	cps
Strontium	88-1	475699	477819	469502	474340	0.91	cps
Sulfur	34-1	67033	64733	62664	64810	3.37	cps
Terbium	159-1	3027772	3009202	2977995	3004990	0.84	cps
Terbium	159-2	1878745	1914307	1893752	1895601	0.94	cps
Thallium	203-1	913	987	1013	971	5.33	cps
Thallium	205-1	2454	2384	2314	2384	2.94	cps
Tin	118-1	6822	6978	6852	6884	1.21	cps
Titanium	47-1	217973	218475	215620	217356	0.70	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-01	Instrumnet Name :	P7
Client Sample ID :	MYD0B5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:31:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5204	5435	5475	5371	2.71	cps
Vanadium	51-2	102998	102683	101756	102479	0.63	cps
Yttrium	89-1	3311442	3287510	3249233	3282728	0.96	cps
Yttrium	89-2	759366	759030	758390	758929	0.07	cps
Zinc	66-2	30247	29663	30090	30000	1.01	cps
Zirconium	90-1	115080	115039	113605	114575	0.73	cps
Zirconium	91-1	25365	24641	25549	25185	1.91	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:34:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1747625	1717883	1757621	1741043	1.19	cps
Antimony	121-1	997219	1031128	1043205	1023851	2.33	cps
Arsenic	75-2	43397	43009	43009	43138	0.52	cps
Barium	135-1	1328481	1370693	1378573	1359249	1.98	cps
Barium	137-1	2420898	2533953	2551715	2502189	2.84	cps
Beryllium	9-1	149171	157081	161742	155998	4.07	cps
Bismuth	209-1	1486358	1522734	1524016	1511036	1.41	cps
Bismuth	209-2	1244423	1242117	1259137	1248559	0.74	cps
Bromine	81-1	3560	3574	3580	3572	0.29	cps
Bromine	81-2	23	33	27	28	18.33	cps
Cadmium	108-1	17037	18148	17944	17710	3.34	cps
Cadmium	106-1	25232	25693	26447	25791	2.38	cps
Cadmium	111-1	231244	239183	242301	237576	2.40	cps
Calcium	43-1	1196502	1260236	1201745	1219494	2.90	cps
Calcium	44-1	17993345	18955249	19307971	18752188	3.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	304725	304638	306269	305211	0.30	cps
Cobalt	59-2	454744	455606	451820	454057	0.44	cps
Copper	63-2	3397070	3383166	3395938	3392058	0.23	cps
Dysprosium	156-1	523	600	577	567	6.94	cps
Dysprosium	156-2	167	150	167	161	5.97	cps
Erbium	164-1	37	87	73	66	39.49	cps
Erbium	164-2	20	63	57	47	50.00	cps
Gadolinium	160-1	33	33	43	37	15.75	cps
Gadolinium	160-2	137	157	123	139	12.08	cps
Holmium	165-1	2880915	2872089	2935016	2896006	1.18	cps
Holmium	165-2	1997886	1987462	1979985	1988445	0.45	cps
Indium	115-1	2116970	2165730	2198409	2160370	1.90	cps
Indium	115-2	667502	668575	667989	668022	0.08	cps
Iron	56-2	67330494	67368809	67749019	67482774	0.34	cps
Iron	57-2	1703952	1698147	1712357	1704818	0.42	cps
Iron	54-2	3734898	3710101	3710466	3718488	0.38	cps
Krypton	83-1	60	60	77	66	14.68	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:34:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3853415	4036235	4052215	3980622	2.77	cps
Lead	207-1	3341101	3496244	3510054	3449133	2.72	cps
Lead	208-1	15506854	16070419	16151554	15909609	2.21	cps
Lithium	6-1	409686	432934	445108	429243	4.19	cps
Magnesium	24-2	14028417	14165444	14233814	14142559	0.74	cps
Manganese	55-2	2371928	2386135	2400467	2386177	0.60	cps
Molybdenum	94-1	3453326	3585044	3620255	3552875	2.48	cps
Molybdenum	95-1	5100830	5225804	5290643	5205759	1.85	cps
Molybdenum	96-1	5533749	5734172	5728182	5665368	2.01	cps
Molybdenum	97-1	3158736	3331160	3308364	3266086	2.87	cps
Molybdenum	98-1	8250081	8588112	8606272	8481489	2.37	cps
Neodymium	150-1	157	133	117	136	14.82	cps
Neodymium	150-2	27	47	43	39	27.55	cps
Nickel	60-2	111047	111047	111380	111158	0.17	cps
Phosphorus	31-2	17737	17754	17594	17695	0.50	cps
Potassium	39-2	8907804	8922354	9034878	8955012	0.78	cps
Rhodium	103-1	1795425	1814718	1855674	1821939	1.69	cps
Rhodium	103-2	966742	971766	975889	971466	0.47	cps
Scandium	45-1	1047455	1088894	1105820	1080723	2.78	cps
Scandium	45-2	85979	85408	86491	85959	0.63	cps
Selenium	82-1	13095	13507	13726	13443	2.38	cps
Selenium	77-2	1277	1137	1237	1217	5.93	cps
Selenium	78-2	4071	4271	4091	4144	2.66	cps
Silicon	28-1	2266973	2349378	2423238	2346530	3.33	cps
Silver	107-1	1107068	1146474	1146022	1133188	2.00	cps
Silver	109-1	1062671	1098667	1104763	1088701	2.09	cps
Sodium	23-2	22495948	22411710	22440905	22449521	0.19	cps
Strontium	86-1	7453938	7701553	7817083	7657525	2.42	cps
Strontium	88-1	65636332	68185429	68164844	67328868	2.18	cps
Sulfur	34-1	124129	128867	131311	128103	2.85	cps
Terbium	159-1	2987871	3077118	3068068	3044353	1.61	cps
Terbium	159-2	1986774	1975987	1968756	1977173	0.46	cps
Thallium	203-1	857824	884754	892019	878199	2.05	cps
Thallium	205-1	2272949	2327841	2394375	2331722	2.61	cps
Tin	118-1	802084	839798	846724	829535	2.90	cps
Titanium	47-1	1143906	1203558	1230076	1192513	3.70	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV021	Instrumnet Name :	P7
Client Sample ID :	CCV021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:34:37	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3254757	3356750	3386684	3332730	2.08	cps
Vanadium	51-2	280736	277685	281647	280022	0.74	cps
Yttrium	89-1	3010719	3114383	3084355	3069819	1.74	cps
Yttrium	89-2	741103	742288	745101	742831	0.28	cps
Zinc	66-2	586867	583257	583960	584695	0.33	cps
Zirconium	90-1	1594384	1655591	1675413	1641796	2.57	cps
Zirconium	91-1	354882	369513	372277	365557	2.56	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:39:06	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163	140	153	152	7.69	cps
Antimony	121-1	450	497	420	456	8.48	cps
Arsenic	75-2	7	3	7	6	34.70	cps
Barium	135-1	203	117	123	148	32.63	cps
Barium	137-1	290	350	283	308	11.93	cps
Beryllium	9-1	83	90	77	83	8.00	cps
Bismuth	209-1	1774525	1766865	1577500	1706297	6.54	cps
Bismuth	209-2	1296000	1306220	1291772	1297997	0.57	cps
Bromine	81-1	3484	3594	3290	3456	4.44	cps
Bromine	81-2	10	10	20	13	43.30	cps
Cadmium	108-1	13	3	7	8	65.47	cps
Cadmium	106-1	663	647	617	642	3.68	cps
Cadmium	111-1	478	467	450	465	3.03	cps
Calcium	43-1	213	167	197	192	12.30	cps
Calcium	44-1	3270	3167	2937	3125	5.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210	153	153	172	18.99	cps
Cobalt	59-2	103	103	77	94	16.30	cps
Copper	63-2	677	607	587	623	7.58	cps
Dysprosium	156-1	477	490	460	476	3.16	cps
Dysprosium	156-2	100	90	110	100	10.00	cps
Erbium	164-1	20	23	13	19	26.96	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	7	10	17	11	45.82	cps
Gadolinium	160-2	127	67	107	100	30.55	cps
Holmium	165-1	2880362	2854017	2864502	2866294	0.46	cps
Holmium	165-2	1933743	1884382	1891014	1903046	1.41	cps
Indium	115-1	2210514	2233895	2214857	2219755	0.56	cps
Indium	115-2	674322	670242	668108	670891	0.47	cps
Iron	56-2	11284	10350	10791	10808	4.32	cps
Iron	57-2	607	683	640	643	5.98	cps
Iron	54-2	753	863	853	823	7.39	cps
Krypton	83-1	83	63	77	74	13.68	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:39:06	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	437	400	460	432	7.00	cps
Lead	207-1	400	397	383	393	2.24	cps
Lead	208-1	1697	1630	1703	1677	2.42	cps
Lithium	6-1	440570	436205	435264	437347	0.65	cps
Magnesium	24-2	1843	1593	1533	1657	9.93	cps
Manganese	55-2	533	517	433	494	10.84	cps
Molybdenum	94-1	380	323	313	339	10.61	cps
Molybdenum	95-1	383	357	327	356	7.97	cps
Molybdenum	96-1	483	463	383	443	11.94	cps
Molybdenum	97-1	233	250	220	234	6.41	cps
Molybdenum	98-1	587	547	510	548	7.00	cps
Neodymium	150-1	17	13	13	14	13.35	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	130	157	157	148	10.42	cps
Phosphorus	31-2	43	63	47	51	20.96	cps
Potassium	39-2	20234	20210	20007	20150	0.62	cps
Rhodium	103-1	1926735	1935324	1904016	1922025	0.84	cps
Rhodium	103-2	1006072	1004744	998181	1002999	0.42	cps
Scandium	45-1	1081131	1079077	1076241	1078816	0.23	cps
Scandium	45-2	80167	80080	81079	80442	0.69	cps
Selenium	82-1	61	40	60	54	21.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	77	73	70	73	4.55	cps
Silicon	28-1	84772	83479	84689	84313	0.86	cps
Silver	107-1	143	140	130	138	5.04	cps
Silver	109-1	93	90	77	87	10.17	cps
Sodium	23-2	6105	6048	5774	5976	2.95	cps
Strontium	86-1	597	460	390	482	21.80	cps
Strontium	88-1	3737	3564	3157	3486	8.54	cps
Sulfur	34-1	65325	64097	65309	64910	1.09	cps
Terbium	159-1	3006705	2996058	2980023	2994262	0.45	cps
Terbium	159-2	1896132	1875298	1912029	1894486	0.97	cps
Thallium	203-1	140	180	147	156	13.78	cps
Thallium	205-1	337	413	310	353	15.18	cps
Tin	118-1	407	477	527	470	12.82	cps
Titanium	47-1	123	90	83	99	21.67	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB021	Instrumnet Name :	P7
Client Sample ID :	CCB021	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:39:06	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	153	187	127	156	19.32	cps
Vanadium	51-2	17	10	30	19	53.91	cps
Yttrium	89-1	3039866	3081730	3032351	3051316	0.87	cps
Yttrium	89-2	721914	718841	711820	717525	0.72	cps
Zinc	66-2	300	270	213	261	16.86	cps
Zirconium	90-1	360	370	330	353	5.89	cps
Zirconium	91-1	60	73	100	78	26.19	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-02	Instrumnet Name :	P7
Client Sample ID :	MYD0B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:42:33	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2175203	2190196	2178294	2181231	0.36	cps
Antimony	121-1	1980	2034	1990	2001	1.42	cps
Arsenic	75-2	7669	7449	7759	7625	2.09	cps
Barium	135-1	257231	258681	259332	258415	0.42	cps
Barium	137-1	456363	453622	450778	453588	0.62	cps
Beryllium	9-1	1273	1270	1330	1291	2.61	cps
Bismuth	209-1	1583285	1573540	1558594	1571806	0.79	cps
Bismuth	209-2	1267812	1256184	1263706	1262567	0.47	cps
Bromine	81-1	4041	3844	3751	3878	3.82	cps
Bromine	81-2	147	140	133	140	4.76	cps
Cadmium	108-1	107	140	120	122	13.73	cps
Cadmium	106-1	1030	943	1040	1004	5.29	cps
Cadmium	111-1	1060	992	994	1015	3.78	cps
Calcium	43-1	73925	73611	73487	73674	0.31	cps
Calcium	44-1	1206998	1204709	1201200	1204302	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63178	62700	62355	62744	0.66	cps
Cobalt	59-2	33504	33578	33501	33527	0.13	cps
Copper	63-2	94439	94579	93650	94223	0.53	cps
Dysprosium	156-1	14845	15035	14548	14809	1.66	cps
Dysprosium	156-2	11592	11588	11228	11469	1.82	cps
Erbium	164-1	11722	12019	11231	11657	3.41	cps
Erbium	164-2	7976	8072	7722	7923	2.28	cps
Gadolinium	160-1	13196	12923	13346	13155	1.63	cps
Gadolinium	160-2	8886	9370	9003	9086	2.78	cps
Holmium	165-1	2891152	2905907	2842446	2879835	1.15	cps
Holmium	165-2	1916296	1898432	1883910	1899546	0.85	cps
Indium	115-1	2196492	2172672	2150405	2173190	1.06	cps
Indium	115-2	655154	655796	649162	653371	0.56	cps
Iron	56-2	48680343	48679883	48129179	48496468	0.66	cps
Iron	57-2	1259967	1266032	1255122	1260374	0.43	cps
Iron	54-2	2706028	2667706	2648599	2674111	1.09	cps
Krypton	83-1	97	80	63	80	20.84	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-02	Instrumnet Name :	P7
Client Sample ID :	MYD0B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:42:33	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	98551	97480	95418	97150	1.64	cps
Lead	207-1	85792	83890	84229	84637	1.20	cps
Lead	208-1	391954	388840	384229	388341	1.00	cps
Lithium	6-1	430580	425771	426635	427662	0.60	cps
Magnesium	24-2	1185336	1155838	1152942	1164705	1.54	cps
Manganese	55-2	1804525	1780783	1792636	1792648	0.66	cps
Molybdenum	94-1	32469	31985	32025	32160	0.84	cps
Molybdenum	95-1	980	870	937	929	5.97	cps
Molybdenum	96-1	6845	6948	6948	6914	0.86	cps
Molybdenum	97-1	633	540	487	553	13.42	cps
Molybdenum	98-1	1373	1497	1353	1408	5.51	cps
Neodymium	150-1	25663	25460	24842	25322	1.69	cps
Neodymium	150-2	13400	13610	13320	13443	1.12	cps
Nickel	60-2	16452	16139	16856	16482	2.18	cps
Phosphorus	31-2	1667	1567	1587	1607	3.29	cps
Potassium	39-2	347527	348121	342375	346008	0.91	cps
Rhodium	103-1	1889912	1890409	1857780	1879367	0.99	cps
Rhodium	103-2	973105	971054	966659	970273	0.34	cps
Scandium	45-1	1130450	1118519	1109766	1119578	0.93	cps
Scandium	45-2	83696	82968	82764	83143	0.59	cps
Selenium	82-1	55	64	80	67	18.76	cps
Selenium	77-2	20	17	40	26	49.38	cps
Selenium	78-2	103	90	120	104	14.39	cps
Silicon	28-1	5386501	5309949	5307002	5334484	0.84	cps
Silver	107-1	843	847	823	838	1.51	cps
Silver	109-1	763	700	767	743	5.05	cps
Sodium	23-2	27538	27742	27000	27427	1.40	cps
Strontium	86-1	45637	45564	45212	45471	0.50	cps
Strontium	88-1	405613	402787	399493	402631	0.76	cps
Sulfur	34-1	62949	61959	60021	61643	2.42	cps
Terbium	159-1	3043583	2989824	2946581	2993329	1.62	cps
Terbium	159-2	1898429	1912515	1911522	1907489	0.41	cps
Thallium	203-1	993	1047	983	1008	3.38	cps
Thallium	205-1	2377	2384	2504	2421	2.94	cps
Tin	118-1	6298	6602	6298	6399	2.74	cps
Titanium	47-1	190310	188356	189102	189256	0.52	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-02	Instrumnet Name :	P7
Client Sample ID :	MYD0B6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:42:33	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4868	4888	4774	4843	1.25	cps
Vanadium	51-2	88373	87773	88933	88360	0.66	cps
Yttrium	89-1	3228790	3194083	3162458	3195110	1.04	cps
Yttrium	89-2	749467	750616	743281	747788	0.53	cps
Zinc	66-2	19263	19696	19690	19550	1.27	cps
Zirconium	90-1	85789	85775	85128	85564	0.44	cps
Zirconium	91-1	19059	19483	19396	19313	1.16	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-03	Instrumnet Name :	P7
Client Sample ID :	MYD0B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:45:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2248577	2226420	2206116	2227038	0.95	cps
Antimony	121-1	1543	1540	1383	1489	6.14	cps
Arsenic	75-2	6965	7105	6748	6939	2.59	cps
Barium	135-1	173604	176799	173951	174784	1.00	cps
Barium	137-1	302581	304066	304080	303576	0.28	cps
Beryllium	9-1	1163	1177	1157	1166	0.87	cps
Bismuth	209-1	1531326	1515284	1507318	1517976	0.81	cps
Bismuth	209-2	1227997	1234892	1225596	1229495	0.39	cps
Bromine	81-1	4167	4111	4127	4135	0.70	cps
Bromine	81-2	150	127	140	139	8.43	cps
Cadmium	108-1	73	83	83	80	7.22	cps
Cadmium	106-1	917	873	827	872	5.16	cps
Cadmium	111-1	897	886	867	883	1.72	cps
Calcium	43-1	74769	74348	73678	74265	0.74	cps
Calcium	44-1	1213397	1230309	1210835	1218180	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76174	76982	76034	76396	0.67	cps
Cobalt	59-2	35321	35251	35402	35325	0.21	cps
Copper	63-2	88788	90330	88704	89274	1.03	cps
Dysprosium	156-1	14437	14167	14704	14436	1.86	cps
Dysprosium	156-2	11215	11331	10961	11169	1.69	cps
Erbium	164-1	11438	11708	11742	11629	1.43	cps
Erbium	164-2	7949	7102	7896	7649	6.20	cps
Gadolinium	160-1	12659	12803	12756	12739	0.57	cps
Gadolinium	160-2	8993	9490	8826	9103	3.79	cps
Holmium	165-1	2820237	2786705	2793759	2800234	0.63	cps
Holmium	165-2	1848238	1847347	1837312	1844299	0.33	cps
Indium	115-1	2161724	2129139	2087248	2126037	1.76	cps
Indium	115-2	637536	638335	635119	636997	0.26	cps
Iron	56-2	48461221	47946198	47616743	48008054	0.89	cps
Iron	57-2	1261188	1247095	1234963	1247749	1.05	cps
Iron	54-2	2651322	2619557	2617351	2629410	0.72	cps
Krypton	83-1	80	87	70	79	10.64	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-03	Instrumnet Name :	P7
Client Sample ID :	MYD0B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:45:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	92495	92942	92388	92608	0.32	cps
Lead	207-1	80701	80574	80315	80530	0.24	cps
Lead	208-1	370025	369364	367570	368986	0.34	cps
Lithium	6-1	406983	404389	402152	404508	0.60	cps
Magnesium	24-2	1268092	1246209	1220247	1244849	1.92	cps
Manganese	55-2	1417671	1401368	1389283	1402774	1.02	cps
Molybdenum	94-1	23860	24424	23870	24051	1.34	cps
Molybdenum	95-1	767	650	793	737	10.35	cps
Molybdenum	96-1	5404	5494	5411	5437	0.92	cps
Molybdenum	97-1	450	420	470	447	5.63	cps
Molybdenum	98-1	1213	1150	1220	1195	3.23	cps
Neodymium	150-1	23797	25286	24788	24624	3.08	cps
Neodymium	150-2	13447	13570	13260	13425	1.16	cps
Nickel	60-2	18632	18241	18455	18443	1.06	cps
Phosphorus	31-2	1283	1270	1180	1245	4.52	cps
Potassium	39-2	327161	326466	322381	325336	0.79	cps
Rhodium	103-1	1843042	1820295	1815728	1826355	0.80	cps
Rhodium	103-2	952185	947244	943311	947580	0.47	cps
Scandium	45-1	1085749	1078979	1063966	1076231	1.04	cps
Scandium	45-2	80978	81383	79675	80679	1.11	cps
Selenium	82-1	68	57	78	68	16.00	cps
Selenium	77-2	27	13	37	26	45.82	cps
Selenium	78-2	77	77	53	69	19.56	cps
Silicon	28-1	5980562	6063887	5961604	6002017	0.91	cps
Silver	107-1	740	770	777	762	2.56	cps
Silver	109-1	677	653	673	668	1.89	cps
Sodium	23-2	34896	35137	35103	35045	0.37	cps
Strontium	86-1	46550	46607	46423	46527	0.20	cps
Strontium	88-1	411030	411438	409804	410757	0.21	cps
Sulfur	34-1	56548	55705	55587	55946	0.94	cps
Terbium	159-1	2956795	2941605	2911411	2936604	0.79	cps
Terbium	159-2	1857477	1846457	1837030	1846988	0.55	cps
Thallium	203-1	920	1123	1157	1067	12.01	cps
Thallium	205-1	2460	2400	2560	2474	3.27	cps
Tin	118-1	6652	6245	6885	6594	4.91	cps
Titanium	47-1	199776	202931	198169	200292	1.21	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-03	Instrumnet Name :	P7
Client Sample ID :	MYD0B7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:45:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4547	4624	4561	4577	0.90	cps
Vanadium	51-2	89899	88490	88162	88850	1.04	cps
Yttrium	89-1	3125631	3106917	3075470	3102673	0.82	cps
Yttrium	89-2	732327	730553	729863	730914	0.17	cps
Zinc	66-2	19256	19369	19346	19324	0.31	cps
Zirconium	90-1	63500	64260	63316	63692	0.79	cps
Zirconium	91-1	14320	14357	13520	14066	3.36	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1676621	1636740	1632415	1648592	1.48	cps
Antimony	121-1	1127	1150	1277	1185	6.81	cps
Arsenic	75-2	6338	6088	6095	6174	2.31	cps
Barium	135-1	218933	218416	218666	218671	0.12	cps
Barium	137-1	384290	382989	382772	383350	0.21	cps
Beryllium	9-1	917	857	783	852	7.84	cps
Bismuth	209-1	1437441	1443886	1439601	1440309	0.23	cps
Bismuth	209-2	1204185	1198627	1193972	1198928	0.43	cps
Bromine	81-1	4074	3887	4007	3989	2.37	cps
Bromine	81-2	110	123	160	131	19.75	cps
Cadmium	108-1	77	67	70	71	7.16	cps
Cadmium	106-1	867	953	873	898	5.37	cps
Cadmium	111-1	786	857	799	814	4.65	cps
Calcium	43-1	55123	54829	55183	55045	0.34	cps
Calcium	44-1	902385	905408	896773	901522	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54622	53926	53949	54166	0.73	cps
Cobalt	59-2	26807	26407	26750	26655	0.81	cps
Copper	63-2	60599	59159	59380	59713	1.30	cps
Dysprosium	156-1	11084	11528	11221	11278	2.01	cps
Dysprosium	156-2	9003	9246	8963	9071	1.69	cps
Erbium	164-1	8913	9026	9160	9033	1.37	cps
Erbium	164-2	6462	6211	5965	6213	4.00	cps
Gadolinium	160-1	9904	9997	9794	9898	1.03	cps
Gadolinium	160-2	7032	7012	6932	6992	0.76	cps
Holmium	165-1	2641998	2697605	2657573	2665725	1.08	cps
Holmium	165-2	1828996	1799714	1804844	1811185	0.86	cps
Indium	115-1	2036728	2043719	2063105	2047851	0.67	cps
Indium	115-2	623361	616996	614090	618149	0.77	cps
Iron	56-2	39525454	39234214	39273949	39344539	0.40	cps
Iron	57-2	1026571	1021388	1016966	1021642	0.47	cps
Iron	54-2	2158329	2146615	2129881	2144942	0.67	cps
Krypton	83-1	60	50	80	63	24.12	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	73695	76032	74895	74874	1.56	cps
Lead	207-1	65018	65859	65919	65599	0.77	cps
Lead	208-1	296839	300485	300216	299180	0.68	cps
Lithium	6-1	379764	381268	378100	379711	0.42	cps
Magnesium	24-2	908784	904137	900822	904581	0.44	cps
Manganese	55-2	1818363	1791215	1802957	1804178	0.75	cps
Molybdenum	94-1	23402	23709	23726	23612	0.77	cps
Molybdenum	95-1	813	833	783	810	3.11	cps
Molybdenum	96-1	5398	5124	5134	5219	2.97	cps
Molybdenum	97-1	500	547	370	472	19.39	cps
Molybdenum	98-1	1207	1160	1290	1219	5.40	cps
Neodymium	150-1	18843	19193	18916	18984	0.97	cps
Neodymium	150-2	10647	10908	10537	10697	1.78	cps
Nickel	60-2	13570	13843	13129	13514	2.67	cps
Phosphorus	31-2	1013	1050	1040	1034	1.83	cps
Potassium	39-2	243331	239313	241421	241355	0.83	cps
Rhodium	103-1	1750953	1754318	1760002	1755091	0.26	cps
Rhodium	103-2	922431	921935	919941	921435	0.14	cps
Scandium	45-1	1015013	1013433	1004862	1011103	0.54	cps
Scandium	45-2	76532	75299	74442	75424	1.39	cps
Selenium	82-1	101	93	56	83	28.83	cps
Selenium	77-2	10	7	13	10	33.30	cps
Selenium	78-2	90	67	113	90	25.92	cps
Silicon	28-1	6333300	6418051	6406946	6386099	0.72	cps
Silver	107-1	480	557	567	534	8.87	cps
Silver	109-1	517	517	503	512	1.50	cps
Sodium	23-2	26279	26179	26112	26190	0.32	cps
Strontium	86-1	37367	37451	37695	37504	0.45	cps
Strontium	88-1	329280	332546	331833	331220	0.52	cps
Sulfur	34-1	52477	52537	51443	52152	1.18	cps
Terbium	159-1	2799575	2754285	2757234	2770365	0.91	cps
Terbium	159-2	1805414	1793605	1775793	1791604	0.83	cps
Thallium	203-1	850	933	827	870	6.45	cps
Thallium	205-1	2057	1913	1980	1984	3.62	cps
Tin	118-1	5688	5751	5768	5736	0.74	cps
Titanium	47-1	162812	162457	162431	162566	0.13	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:49:17	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3704	3887	3851	3814	2.54	cps
Vanadium	51-2	77491	76995	76596	77027	0.58	cps
Yttrium	89-1	2950254	2922867	2969458	2947527	0.79	cps
Yttrium	89-2	699050	697709	690574	695778	0.65	cps
Zinc	66-2	14280	13910	13776	13989	1.87	cps
Zirconium	90-1	61521	62211	62723	62152	0.97	cps
Zirconium	91-1	14127	14044	13416	13862	2.80	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-05	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:52:39	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1585434	1585758	1543313	1571502	1.55	cps
Antimony	121-1	1020	1070	1180	1090	7.51	cps
Arsenic	75-2	5571	5594	5684	5617	1.07	cps
Barium	135-1	254654	257101	254440	255398	0.58	cps
Barium	137-1	443338	450358	447188	446961	0.79	cps
Beryllium	9-1	857	833	750	813	6.89	cps
Bismuth	209-1	1426635	1421701	1422057	1423464	0.19	cps
Bismuth	209-2	1187779	1185597	1177687	1183688	0.45	cps
Bromine	81-1	3717	3874	3924	3838	2.81	cps
Bromine	81-2	160	147	140	149	6.84	cps
Cadmium	108-1	73	50	90	71	28.26	cps
Cadmium	106-1	790	887	707	794	11.34	cps
Cadmium	111-1	695	852	635	727	15.43	cps
Calcium	43-1	52868	53634	52109	52871	1.44	cps
Calcium	44-1	853550	865029	861676	860085	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52922	51936	53026	52628	1.14	cps
Cobalt	59-2	26487	26293	25986	26255	0.96	cps
Copper	63-2	58333	58085	57075	57831	1.15	cps
Dysprosium	156-1	10971	10761	11268	11000	2.32	cps
Dysprosium	156-2	8709	8803	8926	8813	1.23	cps
Erbium	164-1	8706	8916	8870	8831	1.25	cps
Erbium	164-2	6211	6031	5978	6074	2.01	cps
Gadolinium	160-1	9757	9713	9607	9692	0.80	cps
Gadolinium	160-2	6875	6732	6995	6867	1.92	cps
Holmium	165-1	2592301	2631018	2618360	2613893	0.76	cps
Holmium	165-2	1762011	1804805	1771963	1779593	1.26	cps
Indium	115-1	1987421	1993230	1984926	1988526	0.21	cps
Indium	115-2	606115	606542	604485	605714	0.18	cps
Iron	56-2	37875000	37550805	37350804	37592203	0.70	cps
Iron	57-2	982019	979643	972144	977935	0.53	cps
Iron	54-2	2057923	2070839	2061920	2063561	0.32	cps
Krypton	83-1	53	83	37	58	40.93	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-05	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:52:39	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	73380	73849	74094	73774	0.49	cps
Lead	207-1	65175	65309	65547	65344	0.29	cps
Lead	208-1	295146	298154	298482	297260	0.62	cps
Lithium	6-1	360282	361479	363811	361857	0.50	cps
Magnesium	24-2	871338	865444	864425	867069	0.43	cps
Manganese	55-2	2023140	2013929	2008017	2015029	0.38	cps
Molybdenum	94-1	21526	22010	22310	21949	1.80	cps
Molybdenum	95-1	900	743	793	812	9.85	cps
Molybdenum	96-1	4984	5121	4881	4995	2.41	cps
Molybdenum	97-1	493	407	447	449	9.66	cps
Molybdenum	98-1	1287	1123	1183	1198	6.90	cps
Neodymium	150-1	18849	18325	18259	18478	1.75	cps
Neodymium	150-2	10154	10347	10544	10348	1.89	cps
Nickel	60-2	13173	12772	13166	13037	1.76	cps
Phosphorus	31-2	987	843	980	937	8.64	cps
Potassium	39-2	232601	230806	230793	231400	0.45	cps
Rhodium	103-1	1730003	1707117	1712779	1716633	0.69	cps
Rhodium	103-2	910297	905848	902491	906212	0.43	cps
Scandium	45-1	976170	977064	974512	975916	0.13	cps
Scandium	45-2	73976	74274	73346	73865	0.64	cps
Selenium	82-1	87	57	81	75	20.93	cps
Selenium	77-2	17	0	20	12	87.67	cps
Selenium	78-2	67	103	100	90	22.53	cps
Silicon	28-1	6038036	6072566	6123054	6077885	0.70	cps
Silver	107-1	537	533	517	529	2.03	cps
Silver	109-1	500	557	477	511	8.05	cps
Sodium	23-2	25164	25805	25344	25438	1.30	cps
Strontium	86-1	37698	38256	38109	38021	0.76	cps
Strontium	88-1	332637	336627	332676	333980	0.69	cps
Sulfur	34-1	50222	50068	49002	49764	1.34	cps
Terbium	159-1	2730026	2752295	2776236	2752852	0.84	cps
Terbium	159-2	1739437	1768579	1759232	1755749	0.85	cps
Thallium	203-1	800	740	730	757	5.00	cps
Thallium	205-1	1817	1890	1853	1853	1.98	cps
Tin	118-1	5618	5608	5681	5636	0.71	cps
Titanium	47-1	151418	153149	151192	151920	0.70	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-05	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:52:39	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3574	3684	3571	3609	1.79	cps
Vanadium	51-2	72543	72299	71897	72246	0.45	cps
Yttrium	89-1	2878167	2900647	2895952	2891589	0.41	cps
Yttrium	89-2	688346	686654	687889	687630	0.13	cps
Zinc	66-2	14053	13933	14070	14019	0.53	cps
Zirconium	90-1	66547	58834	59389	61590	6.98	cps
Zirconium	91-1	12896	13303	13366	13188	1.94	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 07:56:03	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303605	304812	301691	303369	0.52	cps
Antimony	121-1	267	240	183	230	18.50	cps
Arsenic	75-2	1170	1017	1097	1094	7.01	cps
Barium	135-1	38970	39558	39184	39237	0.76	cps
Barium	137-1	68635	68859	68447	68647	0.30	cps
Beryllium	9-1	190	163	173	176	7.67	cps
Bismuth	209-1	1384759	1383305	1364403	1377489	0.82	cps
Bismuth	209-2	1170183	1179137	1170042	1173121	0.44	cps
Bromine	81-1	3410	3254	3510	3392	3.82	cps
Bromine	81-2	43	40	40	41	4.68	cps
Cadmium	108-1	13	13	17	14	13.35	cps
Cadmium	106-1	653	773	600	676	13.14	cps
Cadmium	111-1	498	575	442	505	13.29	cps
Calcium	43-1	9787	9753	9783	9774	0.19	cps
Calcium	44-1	161849	162331	160474	161552	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9480	9666	10037	9728	2.91	cps
Cobalt	59-2	4727	5044	4911	4894	3.25	cps
Copper	63-2	11608	11141	11051	11267	2.65	cps
Dysprosium	156-1	2317	2404	2174	2298	5.06	cps
Dysprosium	156-2	1723	1673	1593	1663	3.94	cps
Erbium	164-1	1603	1643	1543	1597	3.15	cps
Erbium	164-2	1133	1213	1113	1153	4.59	cps
Gadolinium	160-1	1900	1813	1843	1852	2.38	cps
Gadolinium	160-2	1323	1363	1303	1330	2.30	cps
Holmium	165-1	2524322	2559455	2520739	2534839	0.84	cps
Holmium	165-2	1738263	1722500	1724613	1728459	0.50	cps
Indium	115-1	1955585	1981805	1943025	1960138	1.01	cps
Indium	115-2	603386	602077	595329	600264	0.72	cps
Iron	56-2	7129819	7103046	7046540	7093135	0.60	cps
Iron	57-2	187253	185678	182841	185257	1.21	cps
Iron	54-2	407389	406924	405624	406646	0.22	cps
Krypton	83-1	70	90	40	67	37.75	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 07:56:03	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13433	13213	13533	13393	1.22	cps
Lead	207-1	11889	11839	12015	11914	0.77	cps
Lead	208-1	54453	54517	54363	54444	0.14	cps
Lithium	6-1	356650	353000	348310	352653	1.19	cps
Magnesium	24-2	164633	162868	164239	163913	0.57	cps
Manganese	55-2	333013	330817	327928	330586	0.77	cps
Molybdenum	94-1	4231	4424	4247	4301	2.49	cps
Molybdenum	95-1	147	163	177	162	9.27	cps
Molybdenum	96-1	1003	920	1110	1011	9.42	cps
Molybdenum	97-1	93	97	110	100	8.82	cps
Molybdenum	98-1	167	210	273	217	24.76	cps
Neodymium	150-1	3357	3567	3390	3438	3.28	cps
Neodymium	150-2	1973	1863	1747	1861	6.09	cps
Nickel	60-2	2527	2704	2554	2595	3.67	cps
Phosphorus	31-2	243	197	250	230	12.63	cps
Potassium	39-2	57163	57856	57618	57546	0.61	cps
Rhodium	103-1	1700990	1709643	1729457	1713363	0.85	cps
Rhodium	103-2	895317	894875	892257	894149	0.18	cps
Scandium	45-1	924570	917068	912188	917942	0.68	cps
Scandium	45-2	70168	69518	69210	69632	0.70	cps
Selenium	82-1	57	22	85	55	57.08	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	63	87	90	80	18.17	cps
Silicon	28-1	1214374	1224412	1218908	1219231	0.41	cps
Silver	107-1	97	153	110	120	24.69	cps
Silver	109-1	127	90	77	98	26.48	cps
Sodium	23-2	9493	9296	9376	9388	1.05	cps
Strontium	86-1	6608	7115	6708	6811	3.94	cps
Strontium	88-1	58901	59459	59001	59120	0.50	cps
Sulfur	34-1	46938	47758	47403	47367	0.87	cps
Terbium	159-1	2660964	2654861	2623128	2646318	0.77	cps
Terbium	159-2	1690647	1717978	1688463	1699029	0.97	cps
Thallium	203-1	153	143	263	187	35.67	cps
Thallium	205-1	507	390	450	449	13.00	cps
Tin	118-1	1337	1487	1347	1390	6.03	cps
Titanium	47-1	28069	29015	28640	28575	1.67	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 07:56:03	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	593	693	653	647	7.78	cps
Vanadium	51-2	13863	13566	13740	13723	1.09	cps
Yttrium	89-1	2732623	2708773	2677636	2706344	1.02	cps
Yttrium	89-2	647105	646743	642026	645291	0.44	cps
Zinc	66-2	2710	2880	2847	2813	3.20	cps
Zirconium	90-1	11128	10841	11181	11050	1.66	cps
Zirconium	91-1	2357	2534	2577	2489	4.68	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-06	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:59:25	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1517610	1498955	1512512	1509692	0.64	cps
Antimony	121-1	102562	103472	104476	103503	0.93	cps
Arsenic	75-2	7292	7228	7419	7313	1.32	cps
Barium	135-1	736158	736579	737398	736712	0.09	cps
Barium	137-1	1286082	1293959	1294845	1291629	0.37	cps
Beryllium	9-1	7892	8206	7932	8010	2.13	cps
Bismuth	209-1	1344036	1349380	1350104	1347840	0.25	cps
Bismuth	209-2	1147788	1146932	1144799	1146506	0.13	cps
Bromine	81-1	3624	3507	3767	3633	3.59	cps
Bromine	81-2	107	153	157	139	20.13	cps
Cadmium	108-1	753	923	880	852	10.37	cps
Cadmium	106-1	1840	1970	1793	1868	4.90	cps
Cadmium	111-1	12839	13068	12895	12934	0.92	cps
Calcium	43-1	49199	49413	49534	49382	0.34	cps
Calcium	44-1	800981	807417	799840	802746	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107996	107248	106707	107317	0.60	cps
Cobalt	59-2	247833	247342	246858	247344	0.20	cps
Copper	63-2	130845	129904	130257	130336	0.36	cps
Dysprosium	156-1	10504	10511	10234	10416	1.52	cps
Dysprosium	156-2	8386	8683	8446	8505	1.85	cps
Erbium	164-1	7776	8196	8076	8016	2.70	cps
Erbium	164-2	5731	5648	5474	5618	2.33	cps
Gadolinium	160-1	8526	9280	9206	9004	4.62	cps
Gadolinium	160-2	6585	6582	6331	6499	2.24	cps
Holmium	165-1	2520986	2493517	2504306	2506270	0.55	cps
Holmium	165-2	1726909	1706673	1721363	1718315	0.61	cps
Indium	115-1	1905670	1873883	1911957	1897170	1.08	cps
Indium	115-2	589727	588383	588512	588874	0.13	cps
Iron	56-2	35891724	35578696	35820195	35763538	0.46	cps
Iron	57-2	930563	925488	928839	928297	0.28	cps
Iron	54-2	1984445	1969023	1984323	1979263	0.45	cps
Krypton	83-1	57	37	87	60	41.94	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-06	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:59:25	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	80483	82999	81858	81780	1.54	cps
Lead	207-1	70884	73296	72308	72163	1.68	cps
Lead	208-1	325120	332948	330667	329578	1.22	cps
Lithium	6-1	350812	348395	348425	349211	0.40	cps
Magnesium	24-2	812543	813377	809061	811660	0.28	cps
Manganese	55-2	1869601	1840914	1866046	1858854	0.84	cps
Molybdenum	94-1	20811	21102	21072	20995	0.76	cps
Molybdenum	95-1	800	607	733	713	13.77	cps
Molybdenum	96-1	4871	4594	4587	4684	3.45	cps
Molybdenum	97-1	377	387	370	378	2.22	cps
Molybdenum	98-1	1047	1133	1017	1066	5.69	cps
Neodymium	150-1	16493	17367	17334	17065	2.90	cps
Neodymium	150-2	9557	9910	9607	9691	1.97	cps
Nickel	60-2	67809	69075	67565	68149	1.19	cps
Phosphorus	31-2	917	833	910	887	5.22	cps
Potassium	39-2	218215	216514	217981	217570	0.42	cps
Rhodium	103-1	1635777	1640051	1675239	1650356	1.31	cps
Rhodium	103-2	875290	881801	878756	878616	0.37	cps
Scandium	45-1	941242	935722	933885	936950	0.41	cps
Scandium	45-2	71518	70232	71960	71236	1.26	cps
Selenium	82-1	1758	1751	1742	1750	0.47	cps
Selenium	77-2	147	177	133	152	14.58	cps
Selenium	78-2	577	553	590	573	3.24	cps
Silicon	28-1	5715802	5774049	5704003	5731285	0.65	cps
Silver	107-1	50628	51598	51203	51143	0.95	cps
Silver	109-1	49802	50130	50695	50209	0.90	cps
Sodium	23-2	22326	22470	22900	22566	1.32	cps
Strontium	86-1	34661	34988	34634	34761	0.57	cps
Strontium	88-1	303652	306042	305240	304978	0.40	cps
Sulfur	34-1	47306	47052	46183	46847	1.26	cps
Terbium	159-1	2603093	2588541	2604745	2598793	0.34	cps
Terbium	159-2	1731351	1687258	1701711	1706773	1.32	cps
Thallium	203-1	43710	44068	44409	44062	0.79	cps
Thallium	205-1	104692	103798	106170	104887	1.14	cps
Tin	118-1	5114	5274	4918	5102	3.50	cps
Titanium	47-1	143072	144068	144805	143981	0.60	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-06	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 07:59:25	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3254	3357	3414	3342	2.43	cps
Vanadium	51-2	200492	199023	198858	199458	0.45	cps
Yttrium	89-1	2747669	2714283	2749854	2737269	0.73	cps
Yttrium	89-2	662229	663663	662137	662676	0.13	cps
Zinc	66-2	40488	40491	40722	40567	0.33	cps
Zirconium	90-1	54939	55752	55511	55401	0.75	cps
Zirconium	91-1	12319	12372	12986	12559	2.95	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:02:48	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1543479	1557038	1528598	1543038	0.92	cps
Antimony	121-1	504292	507778	503166	505079	0.48	cps
Arsenic	75-2	13079	13183	13343	13202	1.01	cps
Barium	135-1	2981681	3057297	2932818	2990599	2.10	cps
Barium	137-1	5105291	5197526	5154154	5152324	0.90	cps
Beryllium	9-1	34776	34969	34582	34775	0.56	cps
Bismuth	209-1	1353860	1358875	1342437	1351724	0.62	cps
Bismuth	209-2	1144982	1137785	1151775	1144847	0.61	cps
Bromine	81-1	3540	3567	3697	3602	2.33	cps
Bromine	81-2	117	130	123	123	5.40	cps
Cadmium	108-1	3844	3987	3957	3929	1.92	cps
Cadmium	106-1	5958	6208	6191	6119	2.29	cps
Cadmium	111-1	61058	61069	60788	60972	0.26	cps
Calcium	43-1	46494	47033	45876	46468	1.25	cps
Calcium	44-1	762530	765085	762116	763244	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	328601	329010	325993	327868	0.50	cps
Cobalt	59-2	1103036	1097688	1096862	1099195	0.30	cps
Copper	63-2	420039	418056	420255	419450	0.29	cps
Dysprosium	156-1	9884	10164	9777	9941	2.01	cps
Dysprosium	156-2	8349	8309	8126	8261	1.44	cps
Erbium	164-1	7939	7675	8112	7909	2.78	cps
Erbium	164-2	5414	5618	5438	5490	2.03	cps
Gadolinium	160-1	8446	8853	8900	8733	2.86	cps
Gadolinium	160-2	6121	6558	6342	6340	3.45	cps
Holmium	165-1	2472929	2496490	2470050	2479823	0.58	cps
Holmium	165-2	1714144	1679504	1704558	1699402	1.05	cps
Indium	115-1	1878014	1903132	1904517	1895221	0.79	cps
Indium	115-2	581819	582395	581071	581762	0.11	cps
Iron	56-2	35419820	35163680	35085934	35223145	0.50	cps
Iron	57-2	918539	914915	913457	915637	0.29	cps
Iron	54-2	1938988	1919874	1918011	1925624	0.60	cps
Krypton	83-1	80	107	97	94	14.27	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:02:48	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	136698	138771	136932	137467	0.83	cps
Lead	207-1	119903	120270	119114	119763	0.49	cps
Lead	208-1	549697	556248	552887	552944	0.59	cps
Lithium	6-1	333082	338332	336391	335935	0.79	cps
Magnesium	24-2	771151	767582	767588	768774	0.27	cps
Manganese	55-2	2173404	2148239	2150281	2157308	0.65	cps
Molybdenum	94-1	20461	20638	20164	20421	1.17	cps
Molybdenum	95-1	833	633	773	747	13.75	cps
Molybdenum	96-1	4577	4734	4714	4675	1.82	cps
Molybdenum	97-1	420	387	387	398	4.84	cps
Molybdenum	98-1	1210	1007	1003	1073	11.03	cps
Neodymium	150-1	17044	17281	16740	17021	1.59	cps
Neodymium	150-2	9470	9573	9430	9491	0.78	cps
Nickel	60-2	282497	283204	279873	281858	0.62	cps
Phosphorus	31-2	830	797	907	844	6.68	cps
Potassium	39-2	209562	207554	207754	208290	0.53	cps
Rhodium	103-1	1637009	1628704	1641368	1635694	0.39	cps
Rhodium	103-2	864788	864382	867516	865562	0.20	cps
Scandium	45-1	915428	914212	909288	912976	0.36	cps
Scandium	45-2	70486	69351	69301	69713	0.96	cps
Selenium	82-1	7469	7579	7603	7550	0.95	cps
Selenium	77-2	653	690	643	662	3.71	cps
Selenium	78-2	2274	2344	2387	2335	2.45	cps
Silicon	28-1	5364730	5377395	5431083	5391070	0.65	cps
Silver	107-1	249807	250492	250050	250116	0.14	cps
Silver	109-1	242484	241014	241945	241815	0.31	cps
Sodium	23-2	21639	21629	21959	21742	0.86	cps
Strontium	86-1	32586	33157	33358	33034	1.21	cps
Strontium	88-1	292700	293105	292163	292656	0.16	cps
Sulfur	34-1	45100	44157	44170	44476	1.22	cps
Terbium	159-1	2600721	2552264	2567248	2573411	0.96	cps
Terbium	159-2	1696143	1696131	1698990	1697088	0.10	cps
Thallium	203-1	220828	220422	219684	220312	0.26	cps
Thallium	205-1	517607	530905	527164	525225	1.31	cps
Tin	118-1	4778	4771	5058	4869	3.36	cps
Titanium	47-1	136879	138450	138257	137862	0.62	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:02:48	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3264	3197	3317	3259	1.84	cps
Vanadium	51-2	699759	697832	690454	696015	0.71	cps
Yttrium	89-1	2757923	2719190	2699285	2725466	1.09	cps
Yttrium	89-2	654251	652973	650115	652446	0.32	cps
Zinc	66-2	144958	144161	145450	144856	0.45	cps
Zirconium	90-1	52667	54698	54795	54053	2.22	cps
Zirconium	91-1	11515	12015	12112	11880	2.70	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-08	Instrumnet Name :	P7
Client Sample ID :	MYD0C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:06:07	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1624221	1637365	1633652	1631746	0.42	cps
Antimony	121-1	4031	3841	4044	3972	2.86	cps
Arsenic	75-2	14604	14370	14414	14463	0.86	cps
Barium	135-1	256178	260807	261119	259368	1.07	cps
Barium	137-1	449181	451941	454212	451778	0.56	cps
Beryllium	9-1	353	393	433	393	10.17	cps
Bismuth	209-1	1350011	1366508	1360480	1358999	0.61	cps
Bismuth	209-2	1144012	1154269	1156149	1151477	0.57	cps
Bromine	81-1	3354	3284	3490	3376	3.11	cps
Bromine	81-2	53	80	80	71	21.65	cps
Cadmium	108-1	83	93	80	86	8.11	cps
Cadmium	106-1	753	863	897	838	8.95	cps
Cadmium	111-1	1272	1386	1545	1401	9.78	cps
Calcium	43-1	41580	41654	42091	41775	0.66	cps
Calcium	44-1	673066	688528	691149	684248	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69740	69435	68404	69193	1.01	cps
Cobalt	59-2	54840	53170	53512	53841	1.64	cps
Copper	63-2	161059	163407	162181	162216	0.72	cps
Dysprosium	156-1	14995	15625	15409	15343	2.09	cps
Dysprosium	156-2	12069	12082	12282	12144	0.98	cps
Erbium	164-1	12939	12763	12783	12828	0.75	cps
Erbium	164-2	8539	9003	8870	8804	2.71	cps
Gadolinium	160-1	13787	14111	13787	13895	1.34	cps
Gadolinium	160-2	10214	10654	10237	10368	2.39	cps
Holmium	165-1	2516771	2506804	2534902	2519492	0.57	cps
Holmium	165-2	1751943	1759342	1702375	1737886	1.78	cps
Indium	115-1	1865103	1893975	1871819	1876966	0.80	cps
Indium	115-2	587003	592391	587641	589012	0.50	cps
Iron	56-2	62160146	61867539	61877059	61968248	0.27	cps
Iron	57-2	1532873	1545319	1537382	1538525	0.41	cps
Iron	54-2	3422088	3438777	3371961	3410942	1.02	cps
Krypton	83-1	87	107	83	92	13.69	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-08	Instrumnet Name :	P7
Client Sample ID :	MYD0C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:06:07	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	94150	95892	96325	95456	1.21	cps
Lead	207-1	82455	81502	82475	82144	0.68	cps
Lead	208-1	374297	380378	379902	378192	0.89	cps
Lithium	6-1	333418	338898	337642	336653	0.85	cps
Magnesium	24-2	1345216	1370773	1369190	1361727	1.05	cps
Manganese	55-2	1299766	1298038	1296120	1297975	0.14	cps
Molybdenum	94-1	18495	18432	18702	18543	0.76	cps
Molybdenum	95-1	1170	1200	1140	1170	2.56	cps
Molybdenum	96-1	5258	5064	5438	5253	3.56	cps
Molybdenum	97-1	817	770	890	826	7.33	cps
Molybdenum	98-1	2013	1833	1913	1920	4.70	cps
Neodymium	150-1	25466	25306	25900	25558	1.20	cps
Neodymium	150-2	13977	14558	14267	14267	2.03	cps
Nickel	60-2	24240	23178	23866	23761	2.27	cps
Phosphorus	31-2	2987	3020	2777	2928	4.51	cps
Potassium	39-2	610507	611625	609056	610396	0.21	cps
Rhodium	103-1	1625640	1624108	1665043	1638264	1.42	cps
Rhodium	103-2	874184	878524	871644	874784	0.40	cps
Scandium	45-1	939900	943809	951822	945177	0.64	cps
Scandium	45-2	72650	72921	73185	72919	0.37	cps
Selenium	82-1	48	44	71	54	26.91	cps
Selenium	77-2	30	27	30	29	6.65	cps
Selenium	78-2	83	87	70	80	11.02	cps
Silicon	28-1	4964037	5066613	5115275	5048642	1.53	cps
Silver	107-1	1200	1157	1053	1137	6.63	cps
Silver	109-1	1153	1020	1017	1063	7.33	cps
Sodium	23-2	21886	21829	21392	21702	1.25	cps
Strontium	86-1	62100	63519	63781	63133	1.43	cps
Strontium	88-1	549924	556062	564069	556685	1.27	cps
Sulfur	34-1	45718	45534	46698	45983	1.36	cps
Terbium	159-1	2613195	2612819	2662372	2629462	1.08	cps
Terbium	159-2	1732047	1734218	1724211	1730158	0.30	cps
Thallium	203-1	783	913	747	814	10.75	cps
Thallium	205-1	2094	2177	2147	2139	1.97	cps
Tin	118-1	5955	6248	6101	6101	2.40	cps
Titanium	47-1	286280	290658	293355	290098	1.23	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-08	Instrumnet Name :	P7
Client Sample ID :	MYD0C0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:06:07	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6535	6485	6558	6526	0.57	cps
Vanadium	51-2	141559	140342	140490	140797	0.47	cps
Yttrium	89-1	2794440	2779442	2817344	2797075	0.68	cps
Yttrium	89-2	678201	678538	680084	678941	0.15	cps
Zinc	66-2	35522	35906	35693	35707	0.54	cps
Zirconium	90-1	47349	48269	48510	48043	1.27	cps
Zirconium	91-1	10581	11041	10827	10816	2.13	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-09	Instrumnet Name :	P7
Client Sample ID :	MYD0C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:09:30	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2408044	2374639	2438957	2407213	1.34	cps
Antimony	121-1	2650	2857	2774	2760	3.77	cps
Arsenic	75-2	13773	13847	14110	13910	1.27	cps
Barium	135-1	341243	344193	346031	343822	0.70	cps
Barium	137-1	592607	602525	602645	599259	0.96	cps
Beryllium	9-1	520	557	530	536	3.54	cps
Bismuth	209-1	1341670	1345777	1274323	1320590	3.04	cps
Bismuth	209-2	1140573	1137324	1138982	1138959	0.14	cps
Bromine	81-1	4141	4027	4101	4089	1.41	cps
Bromine	81-2	217	237	227	227	4.41	cps
Cadmium	108-1	77	100	100	92	14.61	cps
Cadmium	106-1	967	850	753	857	12.47	cps
Cadmium	111-1	796	828	707	777	8.07	cps
Calcium	43-1	65591	67425	67268	66761	1.52	cps
Calcium	44-1	1069726	1087682	1097417	1084942	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97150	97556	97254	97320	0.22	cps
Cobalt	59-2	61298	61137	59732	60722	1.42	cps
Copper	63-2	126788	127719	125790	126765	0.76	cps
Dysprosium	156-1	21456	22094	21924	21825	1.51	cps
Dysprosium	156-2	17381	17424	17598	17468	0.66	cps
Erbium	164-1	17478	18132	17771	17794	1.84	cps
Erbium	164-2	12369	12336	11892	12199	2.18	cps
Gadolinium	160-1	20295	20702	20131	20376	1.44	cps
Gadolinium	160-2	14741	14431	14401	14524	1.30	cps
Holmium	165-1	2528578	2502057	2375584	2468739	3.31	cps
Holmium	165-2	1743285	1763622	1725093	1744000	1.11	cps
Indium	115-1	1868169	1923506	1793924	1861866	3.49	cps
Indium	115-2	586789	581986	581741	583505	0.49	cps
Iron	56-2	74997134	74132999	73887274	74339136	0.78	cps
Iron	57-2	1850019	1869636	1840505	1853387	0.80	cps
Iron	54-2	4083215	4033742	4038534	4051830	0.67	cps
Krypton	83-1	60	53	83	66	24.03	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-09	Instrumnet Name :	P7
Client Sample ID :	MYD0C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:09:30	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40654	41483	40473	40870	1.32	cps
Lead	207-1	34320	35032	34417	34590	1.12	cps
Lead	208-1	160118	162293	159220	160544	0.98	cps
Lithium	6-1	329065	336111	322294	329157	2.10	cps
Magnesium	24-2	1712276	1701242	1664242	1692587	1.49	cps
Manganese	55-2	1342229	1335314	1337422	1338322	0.26	cps
Molybdenum	94-1	22037	22521	22194	22250	1.11	cps
Molybdenum	95-1	1220	1077	1157	1151	6.24	cps
Molybdenum	96-1	6038	6208	6105	6117	1.40	cps
Molybdenum	97-1	717	757	610	694	10.92	cps
Molybdenum	98-1	1847	1893	1817	1852	2.09	cps
Neodymium	150-1	38419	38970	37968	38452	1.31	cps
Neodymium	150-2	21563	20932	21196	21230	1.49	cps
Nickel	60-2	28824	29215	28818	28952	0.79	cps
Phosphorus	31-2	3160	3170	3110	3147	1.02	cps
Potassium	39-2	341592	336636	339501	339243	0.73	cps
Rhodium	103-1	1603875	1642139	1566406	1604140	2.36	cps
Rhodium	103-2	871070	866691	869364	869042	0.25	cps
Scandium	45-1	964141	974114	929801	956019	2.43	cps
Scandium	45-2	75396	74569	74894	74953	0.56	cps
Selenium	82-1	104	95	83	94	11.10	cps
Selenium	77-2	30	27	33	30	11.10	cps
Selenium	78-2	87	103	63	84	23.79	cps
Silicon	28-1	4383068	4468073	4464500	4438547	1.08	cps
Silver	107-1	497	537	527	520	4.00	cps
Silver	109-1	387	480	497	454	13.05	cps
Sodium	23-2	22850	22847	23167	22955	0.80	cps
Strontium	86-1	102141	103419	105108	103556	1.44	cps
Strontium	88-1	907522	918965	920062	915516	0.76	cps
Sulfur	34-1	47504	47193	47855	47517	0.70	cps
Terbium	159-1	2612613	2635105	2502936	2583551	2.74	cps
Terbium	159-2	1724681	1731916	1714928	1723842	0.49	cps
Thallium	203-1	797	730	750	759	4.51	cps
Thallium	205-1	1663	1783	1680	1709	3.80	cps
Tin	118-1	5271	5388	5344	5334	1.11	cps
Titanium	47-1	331760	337439	339112	336104	1.15	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-09	Instrumnet Name :	P7
Client Sample ID :	MYD0C1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:09:30	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9167	9317	9243	9242	0.81	cps
Vanadium	51-2	175093	174900	173316	174436	0.56	cps
Yttrium	89-1	2864930	2919427	2730406	2838254	3.43	cps
Yttrium	89-2	699521	694013	691318	694951	0.60	cps
Zinc	66-2	30424	29876	30441	30247	1.06	cps
Zirconium	90-1	57703	59219	59450	58790	1.61	cps
Zirconium	91-1	12606	13053	13393	13017	3.03	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-10	Instrumnet Name :	P7
Client Sample ID :	MYD0C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:12:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1390744	1395595	1386114	1390818	0.34	cps
Antimony	121-1	60443	61611	61521	61192	1.06	cps
Arsenic	75-2	10264	10234	10577	10358	1.84	cps
Barium	135-1	185069	186756	186648	186158	0.51	cps
Barium	137-1	322648	323494	324329	323490	0.26	cps
Beryllium	9-1	230	300	280	270	13.36	cps
Bismuth	209-1	1334351	1335591	1336990	1335644	0.10	cps
Bismuth	209-2	1128067	1115943	1130130	1124713	0.68	cps
Bromine	81-1	3560	3817	3684	3687	3.48	cps
Bromine	81-2	137	110	157	134	17.42	cps
Cadmium	108-1	67	77	80	74	9.32	cps
Cadmium	106-1	777	727	760	754	3.37	cps
Cadmium	111-1	657	582	626	622	6.09	cps
Calcium	43-1	43038	43659	42697	43131	1.13	cps
Calcium	44-1	698837	701078	705391	701769	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53381	52340	52795	52839	0.99	cps
Cobalt	59-2	39358	38493	38616	38822	1.21	cps
Copper	63-2	75807	75830	75435	75691	0.29	cps
Dysprosium	156-1	12346	12723	12262	12443	1.97	cps
Dysprosium	156-2	9587	10160	10314	10020	3.83	cps
Erbium	164-1	10070	10284	10774	10376	3.48	cps
Erbium	164-2	7172	6912	7082	7055	1.87	cps
Gadolinium	160-1	11568	11949	11228	11582	3.11	cps
Gadolinium	160-2	8229	8166	8263	8219	0.60	cps
Holmium	165-1	2495309	2500818	2489880	2495336	0.22	cps
Holmium	165-2	1715076	1706141	1684264	1701827	0.93	cps
Indium	115-1	1874790	1899477	1878917	1884395	0.70	cps
Indium	115-2	578235	574171	578495	576967	0.42	cps
Iron	56-2	44039611	43737706	43721648	43832988	0.41	cps
Iron	57-2	1146372	1134164	1138409	1139648	0.54	cps
Iron	54-2	2383421	2414364	2413314	2403700	0.73	cps
Krypton	83-1	83	43	70	66	31.07	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-10	Instrumnet Name :	P7
Client Sample ID :	MYD0C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:12:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23998	23938	24475	24137	1.22	cps
Lead	207-1	20305	20349	20292	20315	0.15	cps
Lead	208-1	94067	94017	94421	94168	0.23	cps
Lithium	6-1	321944	323019	324475	323146	0.39	cps
Magnesium	24-2	1061253	1054654	1048215	1054707	0.62	cps
Manganese	55-2	815703	801987	803526	807072	0.93	cps
Molybdenum	94-1	14234	14354	14270	14286	0.43	cps
Molybdenum	95-1	720	807	690	739	8.20	cps
Molybdenum	96-1	3684	3667	3691	3681	0.33	cps
Molybdenum	97-1	460	447	383	430	9.53	cps
Molybdenum	98-1	1130	1133	1087	1117	2.33	cps
Neodymium	150-1	22174	21941	21523	21879	1.51	cps
Neodymium	150-2	12345	12062	12262	12223	1.19	cps
Nickel	60-2	29830	29850	29990	29890	0.29	cps
Phosphorus	31-2	1763	1713	1900	1792	5.39	cps
Potassium	39-2	197021	195194	194088	195434	0.76	cps
Rhodium	103-1	1618272	1616191	1643697	1626053	0.94	cps
Rhodium	103-2	860935	858071	860991	859999	0.19	cps
Scandium	45-1	909857	906217	908326	908133	0.20	cps
Scandium	45-2	69776	69465	70536	69926	0.79	cps
Selenium	82-1	87	89	56	77	23.92	cps
Selenium	77-2	20	10	30	20	50.00	cps
Selenium	78-2	63	43	67	58	21.85	cps
Silicon	28-1	3896064	3905609	3958764	3920146	0.86	cps
Silver	107-1	507	417	527	483	12.12	cps
Silver	109-1	440	510	440	463	8.72	cps
Sodium	23-2	19746	19706	20026	19826	0.88	cps
Strontium	86-1	60597	60477	61056	60710	0.50	cps
Strontium	88-1	530932	536572	533800	533768	0.53	cps
Sulfur	34-1	45270	45728	45320	45440	0.55	cps
Terbium	159-1	2609045	2596277	2581819	2595714	0.52	cps
Terbium	159-2	1697468	1681008	1693644	1690707	0.51	cps
Thallium	203-1	453	517	600	523	14.06	cps
Thallium	205-1	1047	1057	1227	1110	9.11	cps
Tin	118-1	4457	4727	4511	4565	3.13	cps
Titanium	47-1	233768	238127	235287	235727	0.94	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-10	Instrumnet Name :	P7
Client Sample ID :	MYD0C2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:12:50	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5054	5018	4844	4972	2.26	cps
Vanadium	51-2	97982	98267	97183	97811	0.57	cps
Yttrium	89-1	2796934	2772644	2750490	2773356	0.84	cps
Yttrium	89-2	662496	655910	653815	657407	0.69	cps
Zinc	66-2	24370	24337	24690	24466	0.80	cps
Zirconium	90-1	37434	37625	37869	37643	0.58	cps
Zirconium	91-1	8299	8412	8559	8424	1.55	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-11	Instrumnet Name :	P7
Client Sample ID :	MYD0C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:16:14	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1803867	1816845	1788915	1803209	0.78	cps
Antimony	121-1	1933	1950	1960	1948	0.69	cps
Arsenic	75-2	22300	21683	21539	21841	1.85	cps
Barium	135-1	255815	258530	258705	257683	0.63	cps
Barium	137-1	446612	451522	452077	450070	0.67	cps
Beryllium	9-1	340	367	323	343	6.37	cps
Bismuth	209-1	1297562	1297153	1302877	1299197	0.25	cps
Bismuth	209-2	1107969	1103013	1094977	1101986	0.59	cps
Bromine	81-1	3721	3921	3674	3772	3.48	cps
Bromine	81-2	153	153	157	154	1.24	cps
Cadmium	108-1	77	57	70	68	15.02	cps
Cadmium	106-1	887	830	793	837	5.62	cps
Cadmium	111-1	697	721	683	700	2.77	cps
Calcium	43-1	50152	52607	51982	51581	2.47	cps
Calcium	44-1	834497	841469	848536	841501	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71086	70828	71247	71054	0.30	cps
Cobalt	59-2	49849	49153	50207	49736	1.08	cps
Copper	63-2	86910	87359	86297	86855	0.61	cps
Dysprosium	156-1	16713	16380	16743	16612	1.22	cps
Dysprosium	156-2	13206	13523	13006	13245	1.97	cps
Erbium	164-1	13837	13523	13673	13678	1.15	cps
Erbium	164-2	9450	9370	9517	9445	0.78	cps
Gadolinium	160-1	15452	15786	15979	15739	1.69	cps
Gadolinium	160-2	11235	11064	10978	11092	1.18	cps
Holmium	165-1	2430552	2415015	2445010	2430192	0.62	cps
Holmium	165-2	1671094	1685857	1675692	1677548	0.45	cps
Indium	115-1	1854155	1864808	1839245	1852736	0.69	cps
Indium	115-2	568462	564872	565022	566119	0.36	cps
Iron	56-2	63228432	62995826	62579121	62934460	0.52	cps
Iron	57-2	1593569	1576375	1572328	1580757	0.71	cps
Iron	54-2	3471317	3460334	3430668	3454106	0.61	cps
Krypton	83-1	60	77	87	74	18.10	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-11	Instrumnet Name :	P7
Client Sample ID :	MYD0C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:16:14	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21314	21667	21914	21632	1.40	cps
Lead	207-1	17518	18035	18019	17857	1.65	cps
Lead	208-1	83528	84633	83787	83983	0.69	cps
Lithium	6-1	319634	320902	324284	321607	0.75	cps
Magnesium	24-2	1455743	1453639	1481400	1463594	1.06	cps
Manganese	55-2	1175895	1181092	1176264	1177750	0.25	cps
Molybdenum	94-1	19213	19326	19740	19426	1.43	cps
Molybdenum	95-1	877	883	743	834	9.46	cps
Molybdenum	96-1	5038	5314	5184	5179	2.67	cps
Molybdenum	97-1	430	473	470	458	5.27	cps
Molybdenum	98-1	1203	1257	1270	1243	2.84	cps
Neodymium	150-1	28619	29474	28957	29017	1.48	cps
Neodymium	150-2	15422	16049	15902	15791	2.08	cps
Nickel	60-2	22834	23135	22600	22856	1.17	cps
Phosphorus	31-2	2210	2420	2274	2301	4.68	cps
Potassium	39-2	227102	227454	223631	226062	0.93	cps
Rhodium	103-1	1602208	1605951	1608578	1605579	0.20	cps
Rhodium	103-2	848705	842373	842815	844631	0.42	cps
Scandium	45-1	912951	911691	915733	913458	0.23	cps
Scandium	45-2	71303	71176	71578	71352	0.29	cps
Selenium	82-1	102	68	57	75	31.22	cps
Selenium	77-2	20	23	27	23	14.29	cps
Selenium	78-2	97	87	67	83	18.33	cps
Silicon	28-1	4723408	4794134	4837836	4785126	1.21	cps
Silver	107-1	223	277	290	263	13.40	cps
Silver	109-1	220	277	250	249	11.39	cps
Sodium	23-2	20520	20090	20294	20301	1.06	cps
Strontium	86-1	79047	79942	78943	79311	0.69	cps
Strontium	88-1	694695	702418	705318	700810	0.78	cps
Sulfur	34-1	44348	45681	44408	44812	1.68	cps
Terbium	159-1	2537523	2546142	2595507	2559724	1.22	cps
Terbium	159-2	1656591	1667151	1633155	1652299	1.05	cps
Thallium	203-1	507	500	510	506	1.01	cps
Thallium	205-1	1213	1127	1213	1185	4.23	cps
Tin	118-1	4317	4297	4321	4312	0.29	cps
Titanium	47-1	239746	243732	244710	242729	1.08	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-11	Instrumnet Name :	P7
Client Sample ID :	MYD0C3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:16:14	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6532	6345	6762	6546	3.19	cps
Vanadium	51-2	136419	138505	137913	137612	0.78	cps
Yttrium	89-1	2769319	2787577	2789598	2782164	0.40	cps
Yttrium	89-2	668077	661769	660402	663416	0.62	cps
Zinc	66-2	16960	16740	17030	16910	0.90	cps
Zirconium	90-1	51814	52507	51704	52008	0.84	cps
Zirconium	91-1	11481	11661	11588	11577	0.78	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-12	Instrumnet Name :	P7
Client Sample ID :	MYD0C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:19:35	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1114069	1116719	1114635	1115141	0.13	cps
Antimony	121-1	8619	8900	9176	8898	3.13	cps
Arsenic	75-2	23168	22470	22420	22686	1.84	cps
Barium	135-1	181055	184742	184920	183572	1.19	cps
Barium	137-1	317824	323062	322442	321109	0.89	cps
Beryllium	9-1	390	370	373	378	2.84	cps
Bismuth	209-1	1348720	1356353	1369928	1358334	0.79	cps
Bismuth	209-2	1163010	1161229	1177975	1167405	0.79	cps
Bromine	81-1	3300	3284	3280	3288	0.33	cps
Bromine	81-2	77	73	100	83	17.44	cps
Cadmium	108-1	147	103	180	143	26.82	cps
Cadmium	106-1	783	907	803	831	7.96	cps
Cadmium	111-1	2052	2056	1980	2029	2.12	cps
Calcium	43-1	17070	17160	17123	17118	0.26	cps
Calcium	44-1	276507	283965	282234	280902	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45512	45903	45559	45658	0.47	cps
Cobalt	59-2	37617	38426	37162	37735	1.70	cps
Copper	63-2	667619	670546	671365	669843	0.29	cps
Dysprosium	156-1	14865	14891	15085	14947	0.80	cps
Dysprosium	156-2	12105	12339	12249	12231	0.96	cps
Erbium	164-1	10267	10227	10424	10306	1.01	cps
Erbium	164-2	7035	7215	6685	6978	3.86	cps
Gadolinium	160-1	12682	12866	12566	12705	1.19	cps
Gadolinium	160-2	9487	9707	9233	9475	2.50	cps
Holmium	165-1	2445974	2421322	2432327	2433207	0.51	cps
Holmium	165-2	1699485	1697011	1696123	1697540	0.10	cps
Indium	115-1	1865761	1859326	1849647	1858245	0.44	cps
Indium	115-2	572220	573556	574442	573406	0.20	cps
Iron	56-2	48601941	48622456	48674098	48632831	0.08	cps
Iron	57-2	1262647	1266374	1267028	1265350	0.19	cps
Iron	54-2	2673411	2676910	2667037	2672452	0.19	cps
Krypton	83-1	50	53	53	52	3.68	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-12	Instrumnet Name :	P7
Client Sample ID :	MYD0C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:19:35	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	516855	524073	531590	524172	1.41	cps
Lead	207-1	455738	465605	472512	464619	1.81	cps
Lead	208-1	2082284	2120573	2140003	2114287	1.39	cps
Lithium	6-1	312853	322153	322023	319010	1.67	cps
Magnesium	24-2	613280	618239	617950	616490	0.45	cps
Manganese	55-2	1211088	1213303	1210005	1211466	0.14	cps
Molybdenum	94-1	10501	10767	10874	10714	1.80	cps
Molybdenum	95-1	1990	1867	2007	1955	3.91	cps
Molybdenum	96-1	4244	4451	4534	4410	3.39	cps
Molybdenum	97-1	1147	1290	1293	1243	6.73	cps
Molybdenum	98-1	3034	3027	3180	3080	2.81	cps
Neodymium	150-1	26442	27487	27671	27200	2.44	cps
Neodymium	150-2	15625	15235	15061	15307	1.89	cps
Nickel	60-2	12248	12198	12215	12221	0.21	cps
Phosphorus	31-2	3014	3230	3284	3176	4.50	cps
Potassium	39-2	511581	515142	514204	513642	0.36	cps
Rhodium	103-1	1597446	1606021	1599491	1600986	0.28	cps
Rhodium	103-2	848075	853505	856026	852535	0.48	cps
Scandium	45-1	869773	877017	880330	875707	0.62	cps
Scandium	45-2	68129	68601	68376	68369	0.35	cps
Selenium	82-1	118	124	133	125	6.09	cps
Selenium	77-2	23	33	37	31	22.31	cps
Selenium	78-2	97	80	100	92	11.62	cps
Silicon	28-1	4552371	4657654	4634656	4614894	1.20	cps
Silver	107-1	7685	7729	7819	7744	0.88	cps
Silver	109-1	7205	7502	7675	7461	3.19	cps
Sodium	23-2	18021	18378	18271	18223	1.01	cps
Strontium	86-1	23930	24250	24674	24285	1.54	cps
Strontium	88-1	209741	214734	218028	214168	1.95	cps
Sulfur	34-1	43950	44525	43371	43949	1.31	cps
Terbium	159-1	2547363	2548752	2581387	2559167	0.75	cps
Terbium	159-2	1685032	1669101	1681648	1678594	0.50	cps
Thallium	203-1	1030	997	847	958	10.20	cps
Thallium	205-1	1990	2334	2294	2206	8.51	cps
Tin	118-1	6528	6628	6445	6534	1.41	cps
Titanium	47-1	202684	206278	205663	204875	0.94	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-12	Instrumnet Name :	P7
Client Sample ID :	MYD0C4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:19:35	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7412	7642	7782	7612	2.46	cps
Vanadium	51-2	86100	86315	86476	86297	0.22	cps
Yttrium	89-1	2624051	2674734	2686129	2661638	1.24	cps
Yttrium	89-2	639436	646747	639380	641854	0.66	cps
Zinc	66-2	38282	39185	38710	38726	1.17	cps
Zirconium	90-1	25759	25703	25829	25764	0.25	cps
Zirconium	91-1	5721	5848	5855	5808	1.29	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-13	Instrumnet Name :	P7
Client Sample ID :	MYD0C5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:22:59	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1200668	1227167	1202233	1210023	1.23	cps
Antimony	121-1	2967	2824	2864	2885	2.56	cps
Arsenic	75-2	10043	9640	9723	9802	2.17	cps
Barium	135-1	215945	216385	216770	216367	0.19	cps
Barium	137-1	376296	381583	381612	379830	0.81	cps
Beryllium	9-1	460	467	447	458	2.22	cps
Bismuth	209-1	1322673	1336260	1334372	1331102	0.55	cps
Bismuth	209-2	1145319	1145332	1145685	1145445	0.02	cps
Bromine	81-1	3387	3694	3681	3587	4.83	cps
Bromine	81-2	160	160	167	162	2.37	cps
Cadmium	108-1	207	203	173	194	9.44	cps
Cadmium	106-1	1007	913	977	966	4.93	cps
Cadmium	111-1	3364	3217	3279	3287	2.24	cps
Calcium	43-1	20073	20627	21098	20600	2.49	cps
Calcium	44-1	337278	342398	345853	341843	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40905	41062	41430	41133	0.65	cps
Cobalt	59-2	38055	38192	39168	38471	1.58	cps
Copper	63-2	442758	444458	448262	445159	0.63	cps
Dysprosium	156-1	15008	15655	15679	15447	2.46	cps
Dysprosium	156-2	12959	12906	13266	13044	1.49	cps
Erbium	164-1	10387	10994	10768	10716	2.86	cps
Erbium	164-2	7482	7655	7272	7470	2.57	cps
Gadolinium	160-1	13994	13990	14000	13995	0.04	cps
Gadolinium	160-2	10064	9814	9847	9908	1.37	cps
Holmium	165-1	2452703	2453313	2450415	2452144	0.06	cps
Holmium	165-2	1720849	1716024	1689057	1708643	1.00	cps
Indium	115-1	1849476	1842794	1865731	1852667	0.64	cps
Indium	115-2	577475	579106	579805	578795	0.21	cps
Iron	56-2	42583878	42947344	42998151	42843124	0.53	cps
Iron	57-2	1107731	1112123	1115331	1111728	0.34	cps
Iron	54-2	2323010	2345160	2341798	2336656	0.51	cps
Krypton	83-1	77	77	63	72	10.66	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-13	Instrumnet Name :	P7
Client Sample ID :	MYD0C5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:22:59	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	63430	63256	63692	63459	0.35	cps
Lead	207-1	54827	54539	52993	54120	1.82	cps
Lead	208-1	249689	251018	250977	250561	0.30	cps
Lithium	6-1	317425	323230	321810	320822	0.94	cps
Magnesium	24-2	578017	579814	582470	580100	0.39	cps
Manganese	55-2	1337215	1351440	1354691	1347782	0.69	cps
Molybdenum	94-1	9316	9126	9370	9271	1.38	cps
Molybdenum	95-1	1443	1460	1723	1542	10.19	cps
Molybdenum	96-1	3614	3724	3650	3663	1.53	cps
Molybdenum	97-1	903	960	1047	970	7.44	cps
Molybdenum	98-1	2487	2370	2430	2429	2.40	cps
Neodymium	150-1	27838	28432	28509	28259	1.30	cps
Neodymium	150-2	15866	16687	15946	16166	2.80	cps
Nickel	60-2	12739	12605	13546	12963	3.93	cps
Phosphorus	31-2	2250	2294	2297	2280	1.14	cps
Potassium	39-2	496653	499113	497571	497779	0.25	cps
Rhodium	103-1	1607436	1611307	1627228	1615324	0.65	cps
Rhodium	103-2	860936	860620	862231	861262	0.10	cps
Scandium	45-1	874388	879831	883236	879152	0.51	cps
Scandium	45-2	68350	68507	68400	68419	0.12	cps
Selenium	82-1	78	85	111	91	19.06	cps
Selenium	77-2	23	33	23	27	21.65	cps
Selenium	78-2	67	93	67	76	20.37	cps
Silicon	28-1	4434570	4469753	4483725	4462683	0.57	cps
Silver	107-1	1390	1343	1313	1349	2.86	cps
Silver	109-1	1360	1297	1257	1305	3.99	cps
Sodium	23-2	18605	18661	18868	18711	0.74	cps
Strontium	86-1	28938	29800	29693	29477	1.59	cps
Strontium	88-1	256391	258727	259077	258065	0.57	cps
Sulfur	34-1	43051	43532	42198	42927	1.57	cps
Terbium	159-1	2571097	2584992	2602060	2586050	0.60	cps
Terbium	159-2	1684721	1682652	1729042	1698805	1.54	cps
Thallium	203-1	667	673	730	690	5.04	cps
Thallium	205-1	1660	1697	1660	1672	1.27	cps
Tin	118-1	4471	4657	4447	4525	2.54	cps
Titanium	47-1	187826	189621	189111	188853	0.49	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-13	Instrumnet Name :	P7
Client Sample ID :	MYD0C5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:22:59	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7442	7646	8036	7708	3.91	cps
Vanadium	51-2	74379	74630	75032	74680	0.44	cps
Yttrium	89-1	2666062	2682527	2696057	2681549	0.56	cps
Yttrium	89-2	650130	649971	648705	649602	0.12	cps
Zinc	66-2	44519	44402	44871	44597	0.55	cps
Zirconium	90-1	22033	22821	22875	22576	2.09	cps
Zirconium	91-1	4844	5138	5048	5010	3.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-14	Instrumnet Name :	P7
Client Sample ID :	MYD0C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:26:22	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1189853	1187025	1190053	1188977	0.14	cps
Antimony	121-1	2060	2174	2357	2197	6.82	cps
Arsenic	75-2	4151	4251	4341	4247	2.24	cps
Barium	135-1	168031	172777	171309	170706	1.42	cps
Barium	137-1	293854	301156	301947	298986	1.49	cps
Beryllium	9-1	400	337	320	352	11.98	cps
Bismuth	209-1	1312093	1313980	1319310	1315128	0.28	cps
Bismuth	209-2	1151299	1137147	1135597	1141348	0.76	cps
Bromine	81-1	3597	3924	3861	3794	4.57	cps
Bromine	81-2	180	140	127	149	18.64	cps
Cadmium	108-1	67	97	87	83	18.33	cps
Cadmium	106-1	763	793	787	781	2.02	cps
Cadmium	111-1	1411	1314	1490	1405	6.26	cps
Calcium	43-1	23675	23435	23882	23664	0.95	cps
Calcium	44-1	383159	389518	389540	387405	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73906	74141	74060	74036	0.16	cps
Cobalt	59-2	30564	30494	30594	30551	0.17	cps
Copper	63-2	70639	71262	71958	71286	0.93	cps
Dysprosium	156-1	12155	12195	11918	12090	1.24	cps
Dysprosium	156-2	9904	10097	10090	10030	1.09	cps
Erbium	164-1	7912	8489	8553	8318	4.24	cps
Erbium	164-2	5968	5938	5908	5938	0.51	cps
Gadolinium	160-1	10344	11245	10587	10725	4.34	cps
Gadolinium	160-2	8289	7906	7849	8015	2.99	cps
Holmium	165-1	2448528	2494203	2436626	2459786	1.24	cps
Holmium	165-2	1733901	1692365	1728005	1718090	1.31	cps
Indium	115-1	1841929	1831681	1863307	1845639	0.87	cps
Indium	115-2	583271	577501	575624	578799	0.69	cps
Iron	56-2	36177429	36225244	36121984	36174886	0.14	cps
Iron	57-2	941835	939116	934452	938467	0.40	cps
Iron	54-2	1988780	2005447	1954250	1982826	1.32	cps
Krypton	83-1	73	50	87	70	26.51	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-14	Instrumnet Name :	P7
Client Sample ID :	MYD0C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:26:22	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	31192	31727	31229	31383	0.95	cps
Lead	207-1	25444	26172	26639	26085	2.31	cps
Lead	208-1	120817	123118	122542	122159	0.98	cps
Lithium	6-1	318685	320691	320750	320042	0.37	cps
Magnesium	24-2	614517	613123	609561	612400	0.42	cps
Manganese	55-2	744406	740552	740436	741798	0.30	cps
Molybdenum	94-1	9537	10017	9867	9807	2.51	cps
Molybdenum	95-1	1777	1947	1920	1881	4.86	cps
Molybdenum	96-1	3917	4017	3874	3936	1.87	cps
Molybdenum	97-1	1083	1120	1083	1096	1.93	cps
Molybdenum	98-1	2980	2780	2967	2909	3.84	cps
Neodymium	150-1	22047	22752	22378	22392	1.57	cps
Neodymium	150-2	13230	12456	13023	12903	3.11	cps
Nickel	60-2	12058	12465	12045	12189	1.96	cps
Phosphorus	31-2	1730	1687	1660	1692	2.09	cps
Potassium	39-2	350234	349621	347309	349055	0.44	cps
Rhodium	103-1	1565561	1611271	1629400	1602078	2.05	cps
Rhodium	103-2	861128	859981	855933	859014	0.32	cps
Scandium	45-1	869446	880723	874532	874900	0.65	cps
Scandium	45-2	68002	67754	66582	67446	1.12	cps
Selenium	82-1	32	70	68	56	38.06	cps
Selenium	77-2	17	13	30	20	44.10	cps
Selenium	78-2	117	73	77	89	27.13	cps
Silicon	28-1	4018358	4115748	4070846	4068318	1.20	cps
Silver	107-1	627	540	590	586	7.43	cps
Silver	109-1	553	483	503	513	7.02	cps
Sodium	23-2	17150	17080	17594	17274	1.61	cps
Strontium	86-1	30695	31898	31801	31465	2.12	cps
Strontium	88-1	274281	279863	279373	277839	1.11	cps
Sulfur	34-1	42355	42048	42502	42302	0.55	cps
Terbium	159-1	2504138	2550855	2587189	2547394	1.63	cps
Terbium	159-2	1726886	1683852	1650082	1686940	2.28	cps
Thallium	203-1	533	477	540	517	6.74	cps
Thallium	205-1	1193	1230	1157	1193	3.07	cps
Tin	118-1	5374	5528	5591	5498	2.03	cps
Titanium	47-1	168302	170444	172224	170323	1.15	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-14	Instrumnet Name :	P7
Client Sample ID :	MYD0C6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:26:22	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5891	6185	6201	6093	2.86	cps
Vanadium	51-2	65498	66512	65769	65926	0.80	cps
Yttrium	89-1	2602174	2636881	2621492	2620182	0.66	cps
Yttrium	89-2	642719	642933	638395	641349	0.40	cps
Zinc	66-2	35285	35445	35586	35439	0.42	cps
Zirconium	90-1	23365	23252	23632	23417	0.83	cps
Zirconium	91-1	5281	5274	5361	5305	0.91	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-15	Instrumnet Name :	P7
Client Sample ID :	MYD0C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:29:47	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025952	1025208	1021590	1024250	0.23	cps
Antimony	121-1	1697	1877	1760	1778	5.14	cps
Arsenic	75-2	5384	5398	5501	5428	1.18	cps
Barium	135-1	136631	136554	138041	137075	0.61	cps
Barium	137-1	235820	240578	238019	238139	1.00	cps
Beryllium	9-1	193	247	237	226	12.57	cps
Bismuth	209-1	1317867	1311419	1319483	1316256	0.32	cps
Bismuth	209-2	1128811	1131063	1122171	1127348	0.41	cps
Bromine	81-1	3604	3921	3597	3707	4.99	cps
Bromine	81-2	160	137	150	149	7.86	cps
Cadmium	108-1	23	33	20	26	27.15	cps
Cadmium	106-1	657	577	573	602	7.83	cps
Cadmium	111-1	603	520	507	544	9.58	cps
Calcium	43-1	18748	19182	19406	19112	1.75	cps
Calcium	44-1	312368	313378	317695	314480	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	430371	424703	425484	426853	0.72	cps
Cobalt	59-2	23605	23185	24056	23615	1.85	cps
Copper	63-2	51261	51063	50973	51099	0.29	cps
Dysprosium	156-1	8559	8953	8996	8836	2.72	cps
Dysprosium	156-2	6978	7192	6822	6997	2.66	cps
Erbium	164-1	5888	5791	5895	5858	0.99	cps
Erbium	164-2	3964	4027	4207	4066	3.11	cps
Gadolinium	160-1	7639	7599	7492	7577	1.00	cps
Gadolinium	160-2	5418	5351	5351	5373	0.72	cps
Holmium	165-1	2441318	2434053	2447057	2440809	0.27	cps
Holmium	165-2	1678650	1687921	1679134	1681901	0.31	cps
Indium	115-1	1853465	1862409	1857967	1857947	0.24	cps
Indium	115-2	570477	571038	566417	569311	0.44	cps
Iron	56-2	34439937	33953802	34147484	34180408	0.72	cps
Iron	57-2	889379	883948	884977	886101	0.33	cps
Iron	54-2	1901963	1913278	1862360	1892534	1.41	cps
Krypton	83-1	37	63	37	46	33.79	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-15	Instrumnet Name :	P7
Client Sample ID :	MYD0C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:29:47	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18416	18189	17859	18154	1.54	cps
Lead	207-1	14715	15509	15052	15092	2.64	cps
Lead	208-1	70301	71226	70011	70513	0.90	cps
Lithium	6-1	309684	310350	311124	310386	0.23	cps
Magnesium	24-2	745951	745739	742530	744740	0.26	cps
Manganese	55-2	989099	984314	982074	985162	0.36	cps
Molybdenum	94-1	10524	10911	10801	10745	1.86	cps
Molybdenum	95-1	9740	10064	9633	9812	2.28	cps
Molybdenum	96-1	11902	12262	11501	11888	3.20	cps
Molybdenum	97-1	6048	6285	6058	6130	2.18	cps
Molybdenum	98-1	15829	16246	15895	15990	1.40	cps
Neodymium	150-1	15529	15575	15699	15601	0.56	cps
Neodymium	150-2	8863	8850	8696	8803	1.05	cps
Nickel	60-2	15371	14871	15151	15131	1.66	cps
Phosphorus	31-2	1227	1493	1327	1349	9.99	cps
Potassium	39-2	194884	194611	195204	194900	0.15	cps
Rhodium	103-1	1610128	1598757	1610812	1606566	0.42	cps
Rhodium	103-2	850126	850929	843495	848183	0.48	cps
Scandium	45-1	848757	848114	854948	850606	0.44	cps
Scandium	45-2	66542	66073	65229	65948	1.01	cps
Selenium	82-1	90	50	79	73	28.32	cps
Selenium	77-2	23	17	7	16	53.90	cps
Selenium	78-2	87	83	73	81	8.56	cps
Silicon	28-1	3749838	3736653	3748652	3745048	0.19	cps
Silver	107-1	243	263	190	232	16.33	cps
Silver	109-1	257	220	240	239	7.69	cps
Sodium	23-2	16759	16496	17026	16760	1.58	cps
Strontium	86-1	24564	23689	24300	24184	1.86	cps
Strontium	88-1	207577	209487	209890	208984	0.59	cps
Sulfur	34-1	41917	42362	42064	42115	0.54	cps
Terbium	159-1	2522652	2541655	2574759	2546355	1.04	cps
Terbium	159-2	1709940	1680197	1653482	1681206	1.68	cps
Thallium	203-1	917	700	823	813	13.36	cps
Thallium	205-1	1930	2074	1950	1985	3.91	cps
Tin	118-1	4888	4908	5114	4970	2.53	cps
Titanium	47-1	62565	63553	63382	63167	0.84	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-15	Instrumnet Name :	P7
Client Sample ID :	MYD0C7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:29:47	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3327	3324	3327	3326	0.06	cps
Vanadium	51-2	53672	52648	53013	53111	0.98	cps
Yttrium	89-1	2601489	2607880	2612281	2607217	0.21	cps
Yttrium	89-2	621376	624201	623609	623062	0.24	cps
Zinc	66-2	24994	25178	25161	25111	0.40	cps
Zirconium	90-1	14451	14240	14033	14241	1.46	cps
Zirconium	91-1	3157	3000	3164	3107	2.98	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-16	Instrumnet Name :	P7
Client Sample ID :	MYD0C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:33:09	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1778606	1806577	1791897	1792360	0.78	cps
Antimony	121-1	3270	3234	3200	3235	1.08	cps
Arsenic	75-2	11952	12449	11775	12058	2.90	cps
Barium	135-1	252361	255170	255021	254184	0.62	cps
Barium	137-1	439781	448264	449143	445729	1.16	cps
Beryllium	9-1	397	503	473	458	12.02	cps
Bismuth	209-1	1318362	1321385	1326092	1321947	0.29	cps
Bismuth	209-2	1138954	1144270	1137108	1140111	0.33	cps
Bromine	81-1	3731	4054	3544	3776	6.84	cps
Bromine	81-2	140	163	130	144	11.84	cps
Cadmium	108-1	103	77	110	97	18.24	cps
Cadmium	106-1	913	857	927	899	4.13	cps
Cadmium	111-1	1154	1063	1098	1105	4.15	cps
Calcium	43-1	52581	53608	54196	53461	1.53	cps
Calcium	44-1	864952	881126	885679	877252	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90690	91029	90817	90846	0.19	cps
Cobalt	59-2	57135	57493	57747	57458	0.54	cps
Copper	63-2	137935	137773	137380	137696	0.21	cps
Dysprosium	156-1	18783	18980	19066	18943	0.77	cps
Dysprosium	156-2	15922	15459	15899	15760	1.66	cps
Erbium	164-1	13820	14197	14321	14113	1.85	cps
Erbium	164-2	9700	9697	9300	9566	2.41	cps
Gadolinium	160-1	16773	17151	17408	17111	1.86	cps
Gadolinium	160-2	12342	12095	12262	12233	1.03	cps
Holmium	165-1	2485101	2495455	2519576	2500044	0.71	cps
Holmium	165-2	1730401	1693015	1704089	1709169	1.12	cps
Indium	115-1	1879689	1883036	1878207	1880311	0.13	cps
Indium	115-2	579243	577022	574623	576963	0.40	cps
Iron	56-2	60573869	60237652	60600931	60470817	0.33	cps
Iron	57-2	1496981	1504650	1530494	1510708	1.16	cps
Iron	54-2	3334370	3258229	3304142	3298914	1.16	cps
Krypton	83-1	77	73	63	71	9.76	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-16	Instrumnet Name :	P7
Client Sample ID :	MYD0C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:33:09	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	62788	63916	64549	63751	1.40	cps
Lead	207-1	53294	53053	54341	53563	1.28	cps
Lead	208-1	248032	250329	252988	250450	0.99	cps
Lithium	6-1	314794	320272	322522	319196	1.25	cps
Magnesium	24-2	1278144	1266672	1261945	1268921	0.66	cps
Manganese	55-2	1364132	1378427	1378661	1373740	0.61	cps
Molybdenum	94-1	25011	25235	25472	25240	0.91	cps
Molybdenum	95-1	1153	1227	1393	1258	9.78	cps
Molybdenum	96-1	6325	6675	6421	6474	2.79	cps
Molybdenum	97-1	790	770	700	753	6.27	cps
Molybdenum	98-1	1887	1907	1960	1918	1.98	cps
Neodymium	150-1	33951	34616	35140	34569	1.72	cps
Neodymium	150-2	19507	19257	19280	19348	0.71	cps
Nickel	60-2	31356	30905	32061	31441	1.85	cps
Phosphorus	31-2	3720	3837	3524	3694	4.29	cps
Potassium	39-2	774030	775842	775128	775000	0.12	cps
Rhodium	103-1	1578146	1633485	1628539	1613390	1.90	cps
Rhodium	103-2	862677	852542	861729	858983	0.65	cps
Scandium	45-1	905921	917070	918603	913865	0.76	cps
Scandium	45-2	71263	71973	72227	71821	0.70	cps
Selenium	82-1	83	72	75	77	6.95	cps
Selenium	77-2	37	43	33	38	13.48	cps
Selenium	78-2	87	120	63	90	31.65	cps
Silicon	28-1	4307103	4456234	4442996	4402111	1.88	cps
Silver	107-1	740	800	743	761	4.43	cps
Silver	109-1	587	610	537	578	6.48	cps
Sodium	23-2	21231	21388	20954	21191	1.04	cps
Strontium	86-1	45373	46697	46520	46197	1.56	cps
Strontium	88-1	402625	408812	413574	408337	1.34	cps
Sulfur	34-1	44699	44889	44705	44764	0.24	cps
Terbium	159-1	2614754	2594249	2593967	2600990	0.46	cps
Terbium	159-2	1702858	1723818	1702497	1709724	0.71	cps
Thallium	203-1	777	763	800	780	2.38	cps
Thallium	205-1	1883	1793	1857	1845	2.51	cps
Tin	118-1	5531	5464	5391	5462	1.28	cps
Titanium	47-1	281133	287462	291701	286765	1.85	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-16	Instrumnet Name :	P7
Client Sample ID :	MYD0C8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:33:09	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7052	6995	7029	7025	0.41	cps
Vanadium	51-2	114967	115494	115941	115467	0.42	cps
Yttrium	89-1	2756815	2793054	2757940	2769270	0.74	cps
Yttrium	89-2	662262	661505	662390	662052	0.07	cps
Zinc	66-2	28133	27823	27859	27938	0.61	cps
Zirconium	90-1	66021	67685	68375	67360	1.80	cps
Zirconium	91-1	14774	15341	15208	15108	1.96	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-17	Instrumnet Name :	P7
Client Sample ID :	MYD0C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:36:33	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1924182	1939584	1905730	1923166	0.88	cps
Antimony	121-1	1567	1500	1580	1549	2.77	cps
Arsenic	75-2	9743	9683	9820	9749	0.70	cps
Barium	135-1	241735	246006	247865	245202	1.28	cps
Barium	137-1	426776	431318	432221	430105	0.68	cps
Beryllium	9-1	487	523	637	549	14.25	cps
Bismuth	209-1	1304899	1304609	1312081	1307196	0.32	cps
Bismuth	209-2	1123699	1119112	1113315	1118709	0.47	cps
Bromine	81-1	4031	4464	4371	4288	5.32	cps
Bromine	81-2	200	270	257	242	15.34	cps
Cadmium	108-1	93	63	100	86	22.83	cps
Cadmium	106-1	727	823	700	750	8.65	cps
Cadmium	111-1	780	872	757	803	7.60	cps
Calcium	43-1	59666	61885	61517	61023	1.95	cps
Calcium	44-1	977627	1005306	1006504	996479	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89523	88645	89268	89146	0.51	cps
Cobalt	59-2	53217	52404	52568	52730	0.82	cps
Copper	63-2	102021	101343	101843	101736	0.35	cps
Dysprosium	156-1	19964	20185	20368	20172	1.00	cps
Dysprosium	156-2	16300	16880	16356	16512	1.94	cps
Erbium	164-1	14297	14738	14344	14460	1.67	cps
Erbium	164-2	10257	10160	9753	10057	2.66	cps
Gadolinium	160-1	17534	18045	17635	17738	1.53	cps
Gadolinium	160-2	12676	12713	12796	12728	0.48	cps
Holmium	165-1	2435889	2472376	2455360	2454542	0.74	cps
Holmium	165-2	1750867	1692733	1667449	1703683	2.51	cps
Indium	115-1	1837200	1862007	1830531	1843246	0.90	cps
Indium	115-2	569451	569494	562411	567119	0.72	cps
Iron	56-2	57387397	56901624	56540074	56943032	0.75	cps
Iron	57-2	1409352	1446855	1416231	1424146	1.40	cps
Iron	54-2	3138016	3081150	3118239	3112468	0.93	cps
Krypton	83-1	67	77	60	68	12.38	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-17	Instrumnet Name :	P7
Client Sample ID :	MYD0C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:36:33	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42774	43402	42961	43046	0.75	cps
Lead	207-1	36265	36352	36419	36345	0.21	cps
Lead	208-1	168122	170270	171489	169960	1.00	cps
Lithium	6-1	312383	318015	319847	316748	1.23	cps
Magnesium	24-2	1314137	1329583	1315459	1319727	0.65	cps
Manganese	55-2	1261442	1249398	1245132	1251990	0.68	cps
Molybdenum	94-1	19690	19283	19830	19601	1.45	cps
Molybdenum	95-1	940	840	990	923	8.27	cps
Molybdenum	96-1	4871	4941	4894	4902	0.73	cps
Molybdenum	97-1	480	517	617	538	13.15	cps
Molybdenum	98-1	1273	1490	1393	1386	7.83	cps
Neodymium	150-1	35662	36170	36618	36150	1.32	cps
Neodymium	150-2	21283	20325	20495	20701	2.47	cps
Nickel	60-2	31086	30100	30765	30650	1.64	cps
Phosphorus	31-2	3240	3180	3310	3244	2.01	cps
Potassium	39-2	781119	772265	771219	774868	0.70	cps
Rhodium	103-1	1573239	1624290	1599283	1598937	1.60	cps
Rhodium	103-2	846288	845685	834811	842261	0.77	cps
Scandium	45-1	893674	906706	912408	904263	1.06	cps
Scandium	45-2	71498	70804	70138	70813	0.96	cps
Selenium	82-1	75	69	91	78	14.19	cps
Selenium	77-2	20	40	20	27	43.30	cps
Selenium	78-2	117	90	70	92	25.39	cps
Silicon	28-1	4488778	4558077	4585781	4544212	1.10	cps
Silver	107-1	1303	1253	1253	1270	2.27	cps
Silver	109-1	1200	1340	1223	1255	5.98	cps
Sodium	23-2	19122	19649	19593	19455	1.49	cps
Strontium	86-1	45259	45640	46082	45660	0.90	cps
Strontium	88-1	400094	408973	407614	405561	1.18	cps
Sulfur	34-1	44007	45835	45651	45164	2.23	cps
Terbium	159-1	2549973	2565673	2547532	2554393	0.39	cps
Terbium	159-2	1715991	1674686	1667094	1685924	1.56	cps
Thallium	203-1	740	717	713	723	2.01	cps
Thallium	205-1	1760	1710	1733	1735	1.44	cps
Tin	118-1	4757	4651	4684	4697	1.16	cps
Titanium	47-1	228776	234597	235119	232830	1.51	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-17	Instrumnet Name :	P7
Client Sample ID :	MYD0C9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:36:33	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6995	6942	6762	6900	1.77	cps
Vanadium	51-2	106472	107929	106133	106844	0.89	cps
Yttrium	89-1	2685917	2791098	2780192	2752402	2.10	cps
Yttrium	89-2	656656	654916	647187	652920	0.77	cps
Zinc	66-2	24647	24423	23649	24240	2.16	cps
Zirconium	90-1	53120	51530	53022	52557	1.70	cps
Zirconium	91-1	11661	11511	11715	11629	0.91	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-18	Instrumnet Name :	P7
Client Sample ID :	MYD0D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:39:53	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2150187	2174931	2149057	2158058	0.68	cps
Antimony	121-1	2030	2064	2104	2066	1.78	cps
Arsenic	75-2	10357	10684	10514	10518	1.55	cps
Barium	135-1	224823	230252	230879	228651	1.46	cps
Barium	137-1	394822	399080	402186	398696	0.93	cps
Beryllium	9-1	523	580	510	538	6.91	cps
Bismuth	209-1	1274699	1286005	1294718	1285141	0.78	cps
Bismuth	209-2	1116756	1114690	1117466	1116304	0.13	cps
Bromine	81-1	4347	4221	4614	4394	4.57	cps
Bromine	81-2	323	320	227	290	18.92	cps
Cadmium	108-1	63	80	80	74	12.93	cps
Cadmium	106-1	837	740	707	761	8.87	cps
Cadmium	111-1	728	645	572	648	12.04	cps
Calcium	43-1	60209	62793	62461	61821	2.27	cps
Calcium	44-1	996065	1020476	1025286	1013942	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91468	92367	93078	92304	0.87	cps
Cobalt	59-2	51829	51561	51060	51483	0.76	cps
Copper	63-2	84822	85147	85177	85049	0.23	cps
Dysprosium	156-1	18953	19497	19397	19282	1.50	cps
Dysprosium	156-2	15906	15812	16113	15944	0.96	cps
Erbium	164-1	13630	14000	13974	13868	1.49	cps
Erbium	164-2	9887	9970	9713	9857	1.33	cps
Gadolinium	160-1	16440	17421	17154	17005	2.98	cps
Gadolinium	160-2	12689	12679	12479	12616	0.94	cps
Holmium	165-1	2396653	2419914	2482517	2433028	1.83	cps
Holmium	165-2	1696917	1699525	1704371	1700271	0.22	cps
Indium	115-1	1822177	1833206	1825998	1827127	0.31	cps
Indium	115-2	564050	567180	565242	565491	0.28	cps
Iron	56-2	61899929	62051202	61428006	61793046	0.53	cps
Iron	57-2	1536894	1542914	1528415	1536074	0.47	cps
Iron	54-2	3379416	3378016	3356825	3371419	0.38	cps
Krypton	83-1	87	120	57	88	36.09	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-18	Instrumnet Name :	P7
Client Sample ID :	MYD0D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:39:53	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32302	32302	32449	32351	0.26	cps
Lead	207-1	26593	27054	26566	26737	1.03	cps
Lead	208-1	124029	125894	126159	125361	0.93	cps
Lithium	6-1	314403	320365	323989	319586	1.51	cps
Magnesium	24-2	1359643	1356409	1377534	1364529	0.83	cps
Manganese	55-2	1139901	1144105	1140581	1141529	0.20	cps
Molybdenum	94-1	23876	23850	24197	23974	0.81	cps
Molybdenum	95-1	863	820	787	823	4.67	cps
Molybdenum	96-1	5985	5688	5631	5768	3.29	cps
Molybdenum	97-1	453	453	503	470	6.14	cps
Molybdenum	98-1	1297	1467	1277	1347	7.75	cps
Neodymium	150-1	34606	34502	35053	34720	0.84	cps
Neodymium	150-2	19747	19741	20285	19924	1.57	cps
Nickel	60-2	30441	31557	30511	30836	2.03	cps
Phosphorus	31-2	3177	3107	3054	3113	1.99	cps
Potassium	39-2	739594	747713	741337	742881	0.58	cps
Rhodium	103-1	1566700	1545811	1568980	1560497	0.82	cps
Rhodium	103-2	843618	839734	840892	841415	0.24	cps
Scandium	45-1	900821	910221	915104	908715	0.80	cps
Scandium	45-2	70094	70439	70389	70308	0.27	cps
Selenium	82-1	61	27	80	56	48.19	cps
Selenium	77-2	27	13	20	20	33.35	cps
Selenium	78-2	77	83	110	90	19.60	cps
Silicon	28-1	4151998	4355804	4292491	4266764	2.44	cps
Silver	107-1	387	330	353	357	7.99	cps
Silver	109-1	343	320	290	318	8.41	cps
Sodium	23-2	18715	19005	19199	18973	1.28	cps
Strontium	86-1	44788	45122	45741	45217	1.07	cps
Strontium	88-1	392298	402284	403030	399204	1.50	cps
Sulfur	34-1	42095	43465	43375	42978	1.78	cps
Terbium	159-1	2523047	2533562	2553461	2536690	0.61	cps
Terbium	159-2	1665119	1678954	1673244	1672439	0.42	cps
Thallium	203-1	623	587	703	638	9.35	cps
Thallium	205-1	1443	1403	1333	1393	4.00	cps
Tin	118-1	5388	5444	5715	5516	3.17	cps
Titanium	47-1	254319	261367	260688	258791	1.50	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-18	Instrumnet Name :	P7
Client Sample ID :	MYD0D0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:39:53	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6222	6565	6432	6406	2.70	cps
Vanadium	51-2	110940	112210	109906	111019	1.04	cps
Yttrium	89-1	2664040	2671001	2736323	2690455	1.48	cps
Yttrium	89-2	649604	654055	649412	651024	0.40	cps
Zinc	66-2	22293	22517	22070	22293	1.00	cps
Zirconium	90-1	61793	63215	63731	62913	1.60	cps
Zirconium	91-1	14013	14254	14357	14208	1.24	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-19	Instrumnet Name :	P7
Client Sample ID :	MYD0D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2054057	2019154	2029109	2034107	0.88	cps
Antimony	121-1	2114	1973	1990	2026	3.78	cps
Arsenic	75-2	12399	12629	12172	12400	1.84	cps
Barium	135-1	216178	217938	217819	217312	0.45	cps
Barium	137-1	374450	379371	382481	378767	1.07	cps
Beryllium	9-1	493	507	453	484	5.73	cps
Bismuth	209-1	1292787	1297669	1296839	1295765	0.20	cps
Bismuth	209-2	1124475	1113691	1121209	1119792	0.49	cps
Bromine	81-1	4214	4634	4634	4494	5.40	cps
Bromine	81-2	290	310	263	288	8.14	cps
Cadmium	108-1	90	93	87	90	3.71	cps
Cadmium	106-1	707	780	743	743	4.93	cps
Cadmium	111-1	618	647	623	630	2.47	cps
Calcium	43-1	61387	63321	63693	62800	1.97	cps
Calcium	44-1	1005235	1028908	1036060	1023401	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101579	99445	100847	100624	1.08	cps
Cobalt	59-2	49337	49317	50431	49695	1.28	cps
Copper	63-2	84382	83813	85462	84552	0.99	cps
Dysprosium	156-1	18512	19217	19133	18954	2.03	cps
Dysprosium	156-2	16049	15792	15655	15832	1.26	cps
Erbium	164-1	13934	14254	14257	14148	1.31	cps
Erbium	164-2	10014	9997	9767	9926	1.39	cps
Gadolinium	160-1	17184	17468	17324	17325	0.82	cps
Gadolinium	160-2	12456	12092	12362	12303	1.53	cps
Holmium	165-1	2391737	2452118	2439739	2427865	1.31	cps
Holmium	165-2	1702853	1706831	1697407	1702363	0.28	cps
Indium	115-1	1782025	1828628	1825590	1812081	1.44	cps
Indium	115-2	566656	562370	563307	564111	0.40	cps
Iron	56-2	61333316	61582677	61513257	61476417	0.21	cps
Iron	57-2	1548404	1548977	1519717	1539033	1.09	cps
Iron	54-2	3402935	3401870	3361997	3388934	0.69	cps
Krypton	83-1	97	60	47	68	38.20	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-19	Instrumnet Name :	P7
Client Sample ID :	MYD0D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30765	31129	31092	30995	0.65	cps
Lead	207-1	26289	26509	26088	26295	0.80	cps
Lead	208-1	120853	122150	122121	121708	0.61	cps
Lithium	6-1	307859	312804	317603	312755	1.56	cps
Magnesium	24-2	1342344	1350269	1351113	1347909	0.36	cps
Manganese	55-2	1070971	1064332	1059506	1064936	0.54	cps
Molybdenum	94-1	24153	23843	24420	24139	1.20	cps
Molybdenum	95-1	927	1030	933	963	6.00	cps
Molybdenum	96-1	6141	6101	5891	6045	2.22	cps
Molybdenum	97-1	583	607	563	584	3.71	cps
Molybdenum	98-1	1473	1440	1517	1477	2.60	cps
Neodymium	150-1	34549	35411	35134	35031	1.26	cps
Neodymium	150-2	20295	19781	19637	19904	1.74	cps
Nickel	60-2	31864	31680	31530	31691	0.53	cps
Phosphorus	31-2	3027	3144	3190	3120	2.70	cps
Potassium	39-2	664410	659598	661529	661846	0.37	cps
Rhodium	103-1	1516285	1568980	1570295	1551853	1.99	cps
Rhodium	103-2	843578	834164	832640	836794	0.71	cps
Scandium	45-1	890503	900407	905170	898693	0.83	cps
Scandium	45-2	70781	69699	69689	70056	0.90	cps
Selenium	82-1	24	68	78	57	50.31	cps
Selenium	77-2	37	43	30	37	18.18	cps
Selenium	78-2	120	80	83	94	23.50	cps
Silicon	28-1	4738126	4840622	4845822	4808190	1.26	cps
Silver	107-1	297	387	363	349	13.39	cps
Silver	109-1	337	330	307	324	4.86	cps
Sodium	23-2	20704	20981	20751	20812	0.71	cps
Strontium	86-1	44464	44878	45390	44911	1.03	cps
Strontium	88-1	390529	397284	398302	395372	1.07	cps
Sulfur	34-1	42599	42298	42903	42600	0.71	cps
Terbium	159-1	2522859	2580035	2571247	2558047	1.20	cps
Terbium	159-2	1673087	1667501	1658725	1666438	0.43	cps
Thallium	203-1	640	653	517	603	12.49	cps
Thallium	205-1	1477	1400	1420	1432	2.78	cps
Tin	118-1	4657	4661	4617	4645	0.52	cps
Titanium	47-1	251987	257261	258339	255863	1.33	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-19	Instrumnet Name :	P7
Client Sample ID :	MYD0D1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:43:16	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5948	5928	6252	6043	3.00	cps
Vanadium	51-2	111380	111998	112646	112008	0.57	cps
Yttrium	89-1	2685151	2701290	2695764	2694069	0.30	cps
Yttrium	89-2	655110	647145	649788	650681	0.62	cps
Zinc	66-2	21642	21936	21442	21674	1.15	cps
Zirconium	90-1	62827	63774	64544	63715	1.35	cps
Zirconium	91-1	14130	14734	14304	14389	2.16	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-20	Instrumnet Name :	P7
Client Sample ID :	MYD0D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:46:37	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1045806	1050496	1045814	1047372	0.26	cps
Antimony	121-1	5641	5828	5554	5675	2.46	cps
Arsenic	75-2	13890	13403	13523	13605	1.87	cps
Barium	135-1	216679	220175	221997	219617	1.23	cps
Barium	137-1	376064	381173	381599	379612	0.81	cps
Beryllium	9-1	373	357	387	372	4.04	cps
Bismuth	209-1	1278713	1299158	1298913	1292261	0.91	cps
Bismuth	209-2	1127006	1129860	1133524	1130130	0.29	cps
Bromine	81-1	3124	3280	3290	3231	2.89	cps
Bromine	81-2	80	97	67	81	18.53	cps
Cadmium	108-1	83	67	97	82	18.28	cps
Cadmium	106-1	847	753	677	759	11.22	cps
Cadmium	111-1	1111	1024	996	1044	5.75	cps
Calcium	43-1	29215	29976	30157	29783	1.68	cps
Calcium	44-1	481906	490639	489423	487323	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58757	58453	58155	58455	0.52	cps
Cobalt	59-2	38894	39398	38840	39044	0.79	cps
Copper	63-2	135032	135288	133956	134759	0.52	cps
Dysprosium	156-1	16283	17037	16547	16622	2.30	cps
Dysprosium	156-2	14157	13934	14114	14068	0.84	cps
Erbium	164-1	11642	11268	11932	11614	2.87	cps
Erbium	164-2	8132	7846	7989	7989	1.80	cps
Gadolinium	160-1	13900	14184	14221	14102	1.24	cps
Gadolinium	160-2	10337	10381	10607	10442	1.39	cps
Holmium	165-1	2411717	2411851	2403119	2408896	0.21	cps
Holmium	165-2	1717141	1671587	1700371	1696366	1.36	cps
Indium	115-1	1791649	1800039	1845517	1812402	1.60	cps
Indium	115-2	565211	565293	563576	564693	0.17	cps
Iron	56-2	50266044	49969823	50209233	50148366	0.31	cps
Iron	57-2	1299118	1297848	1301146	1299370	0.13	cps
Iron	54-2	2792316	2751545	2755211	2766357	0.82	cps
Krypton	83-1	73	70	93	79	16.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-20	Instrumnet Name :	P7
Client Sample ID :	MYD0D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:46:37	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	80936	81935	81926	81599	0.70	cps
Lead	207-1	69490	70897	70719	70369	1.09	cps
Lead	208-1	318602	324658	323606	322289	1.00	cps
Lithium	6-1	303760	307364	306558	305894	0.62	cps
Magnesium	24-2	750014	751293	749537	750281	0.12	cps
Manganese	55-2	934383	934040	935113	934512	0.06	cps
Molybdenum	94-1	23539	24721	23993	24084	2.48	cps
Molybdenum	95-1	1383	1260	1210	1285	6.95	cps
Molybdenum	96-1	5878	6218	5998	6031	2.86	cps
Molybdenum	97-1	737	717	800	751	5.79	cps
Molybdenum	98-1	1857	1960	2024	1947	4.32	cps
Neodymium	150-1	29331	29765	30262	29786	1.57	cps
Neodymium	150-2	17421	17194	17224	17280	0.71	cps
Nickel	60-2	21706	21082	21505	21431	1.49	cps
Phosphorus	31-2	2660	2787	2924	2790	4.72	cps
Potassium	39-2	499217	499550	499502	499423	0.04	cps
Rhodium	103-1	1512715	1563182	1517333	1531077	1.82	cps
Rhodium	103-2	837500	834363	833105	834990	0.27	cps
Scandium	45-1	850400	856808	855783	854330	0.40	cps
Scandium	45-2	67215	66150	66980	66782	0.84	cps
Selenium	82-1	70	70	45	61	23.26	cps
Selenium	77-2	20	27	27	24	15.75	cps
Selenium	78-2	80	67	90	79	14.84	cps
Silicon	28-1	4300170	4405773	4343779	4349907	1.22	cps
Silver	107-1	1050	1067	1107	1074	2.71	cps
Silver	109-1	1123	1133	1050	1102	4.13	cps
Sodium	23-2	16392	16963	16375	16577	2.02	cps
Strontium	86-1	33822	34928	34203	34318	1.64	cps
Strontium	88-1	299585	304763	304613	302987	0.97	cps
Sulfur	34-1	43401	43151	41777	42776	2.04	cps
Terbium	159-1	2478763	2519535	2512714	2503671	0.87	cps
Terbium	159-2	1682452	1653369	1682525	1672782	1.01	cps
Thallium	203-1	1020	1007	890	972	7.36	cps
Thallium	205-1	2244	2317	2174	2245	3.19	cps
Tin	118-1	4267	4594	4564	4475	4.04	cps
Titanium	47-1	236047	239722	239272	238347	0.84	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-20	Instrumnet Name :	P7
Client Sample ID :	MYD0D2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:46:37	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7245	7435	7536	7405	1.99	cps
Vanadium	51-2	98321	98958	97771	98350	0.60	cps
Yttrium	89-1	2583280	2646124	2628371	2619259	1.24	cps
Yttrium	89-2	639784	633335	630878	634666	0.72	cps
Zinc	66-2	23846	23719	24260	23941	1.18	cps
Zirconium	90-1	62870	62709	63232	62937	0.42	cps
Zirconium	91-1	13710	14364	13813	13962	2.52	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-21	Instrumnet Name :	P7
Client Sample ID :	MYD0D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:50:02	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1083275	1086592	1083761	1084543	0.17	cps
Antimony	121-1	3854	3771	3717	3781	1.82	cps
Arsenic	75-2	9043	8723	9160	8975	2.52	cps
Barium	135-1	200031	203729	205737	203166	1.42	cps
Barium	137-1	351289	358353	360017	356553	1.30	cps
Beryllium	9-1	367	357	347	357	2.81	cps
Bismuth	209-1	1278873	1295138	1303383	1292465	0.96	cps
Bismuth	209-2	1129510	1123104	1134064	1128893	0.49	cps
Bromine	81-1	3330	3424	3417	3390	1.54	cps
Bromine	81-2	123	110	57	97	36.49	cps
Cadmium	108-1	37	47	63	49	27.55	cps
Cadmium	106-1	633	777	770	727	11.13	cps
Cadmium	111-1	761	831	811	801	4.51	cps
Calcium	43-1	27882	28360	28407	28216	1.03	cps
Calcium	44-1	457910	466079	470340	464776	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55003	54836	54056	54632	0.92	cps
Cobalt	59-2	38519	37991	38807	38439	1.08	cps
Copper	63-2	84842	85150	86900	85631	1.30	cps
Dysprosium	156-1	15242	15459	15872	15524	2.06	cps
Dysprosium	156-2	12699	13366	13246	13104	2.71	cps
Erbium	164-1	10751	11301	10994	11016	2.50	cps
Erbium	164-2	7876	7796	7852	7841	0.53	cps
Gadolinium	160-1	13373	14034	13620	13676	2.44	cps
Gadolinium	160-2	10227	9763	9737	9909	2.78	cps
Holmium	165-1	2379085	2404283	2443133	2408834	1.34	cps
Holmium	165-2	1712304	1692307	1675823	1693478	1.08	cps
Indium	115-1	1770721	1825808	1824592	1807040	1.74	cps
Indium	115-2	563885	563398	561534	562939	0.22	cps
Iron	56-2	45116658	45219489	45555961	45297369	0.51	cps
Iron	57-2	1168756	1173105	1169415	1170425	0.20	cps
Iron	54-2	2468324	2468705	2493502	2476844	0.58	cps
Krypton	83-1	57	63	97	72	29.67	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-21	Instrumnet Name :	P7
Client Sample ID :	MYD0D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:50:02	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50212	50641	51420	50758	1.21	cps
Lead	207-1	41871	43202	43566	42880	2.08	cps
Lead	208-1	196151	201757	202730	200213	1.77	cps
Lithium	6-1	301572	305908	308569	305350	1.16	cps
Magnesium	24-2	736518	737070	735015	736201	0.14	cps
Manganese	55-2	865658	864652	869332	866547	0.28	cps
Molybdenum	94-1	15151	15455	15251	15286	1.01	cps
Molybdenum	95-1	983	1180	1117	1093	9.18	cps
Molybdenum	96-1	4361	4394	4327	4361	0.76	cps
Molybdenum	97-1	730	683	673	696	4.35	cps
Molybdenum	98-1	1873	1780	1887	1847	3.15	cps
Neodymium	150-1	27159	27337	27828	27441	1.26	cps
Neodymium	150-2	15619	16093	15782	15831	1.52	cps
Nickel	60-2	20197	20197	20581	20325	1.09	cps
Phosphorus	31-2	2150	2040	2054	2081	2.88	cps
Potassium	39-2	463673	465854	464065	464531	0.25	cps
Rhodium	103-1	1511255	1567478	1589294	1556009	2.59	cps
Rhodium	103-2	836064	835796	840671	837510	0.33	cps
Scandium	45-1	843941	852065	855628	850545	0.70	cps
Scandium	45-2	67241	65929	66713	66628	0.99	cps
Selenium	82-1	95	92	39	76	41.77	cps
Selenium	77-2	37	10	23	23	57.15	cps
Selenium	78-2	60	100	90	83	24.98	cps
Silicon	28-1	4357724	4488404	4501776	4449302	1.79	cps
Silver	107-1	430	487	490	469	7.19	cps
Silver	109-1	417	450	430	432	3.88	cps
Sodium	23-2	16539	16025	17130	16565	3.34	cps
Strontium	86-1	31083	31975	32613	31890	2.41	cps
Strontium	88-1	275730	281450	282815	279998	1.34	cps
Sulfur	34-1	42556	42770	42385	42570	0.45	cps
Terbium	159-1	2466396	2496158	2512907	2491821	0.95	cps
Terbium	159-2	1660493	1663805	1681889	1668729	0.69	cps
Thallium	203-1	730	707	667	701	4.57	cps
Thallium	205-1	1640	1760	1840	1747	5.76	cps
Tin	118-1	3811	3947	3821	3859	1.97	cps
Titanium	47-1	230648	235173	237379	234400	1.46	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-21	Instrumnet Name :	P7
Client Sample ID :	MYD0D3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:50:02	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6955	7259	7365	7193	2.96	cps
Vanadium	51-2	81297	80074	80449	80607	0.78	cps
Yttrium	89-1	2638772	2625665	2630246	2631561	0.25	cps
Yttrium	89-2	634722	629905	631462	632030	0.39	cps
Zinc	66-2	19573	20157	19116	19615	2.66	cps
Zirconium	90-1	38704	39276	39172	39051	0.78	cps
Zirconium	91-1	8909	8776	8943	8876	0.99	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-22	Instrumnet Name :	P7
Client Sample ID :	MYD0D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:53:25	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1438342	1441919	1454660	1444974	0.59	cps
Antimony	121-1	3474	3507	3320	3434	2.90	cps
Arsenic	75-2	10003	10033	9890	9976	0.76	cps
Barium	135-1	258208	264170	263264	261881	1.23	cps
Barium	137-1	452936	455866	463157	457320	1.15	cps
Beryllium	9-1	550	487	503	513	6.39	cps
Bismuth	209-1	1287800	1303135	1309678	1300205	0.86	cps
Bismuth	209-2	1119459	1122928	1131099	1124495	0.53	cps
Bromine	81-1	3984	4037	4047	4023	0.85	cps
Bromine	81-2	230	217	243	230	5.80	cps
Cadmium	108-1	60	47	30	46	32.99	cps
Cadmium	106-1	860	730	793	794	8.18	cps
Cadmium	111-1	743	652	704	700	6.57	cps
Calcium	43-1	37556	38382	38756	38231	1.61	cps
Calcium	44-1	604035	612792	623297	613374	1.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84521	83489	83891	83967	0.62	cps
Cobalt	59-2	45947	46559	45917	46141	0.79	cps
Copper	63-2	77017	77261	77288	77189	0.19	cps
Dysprosium	156-1	20228	20315	20321	20288	0.26	cps
Dysprosium	156-2	16446	16246	17144	16612	2.84	cps
Erbium	164-1	14154	13723	14027	13968	1.58	cps
Erbium	164-2	9573	9617	9844	9678	1.50	cps
Gadolinium	160-1	16774	17167	17531	17157	2.21	cps
Gadolinium	160-2	12255	12656	12692	12535	1.93	cps
Holmium	165-1	2416902	2444582	2439892	2433792	0.61	cps
Holmium	165-2	1679970	1697152	1707596	1694906	0.82	cps
Indium	115-1	1797613	1848369	1829795	1825259	1.41	cps
Indium	115-2	560421	561135	564979	562178	0.44	cps
Iron	56-2	51620166	51837956	51651903	51703341	0.23	cps
Iron	57-2	1335573	1335953	1339501	1337009	0.16	cps
Iron	54-2	2830972	2826302	2802052	2819775	0.55	cps
Krypton	83-1	67	57	70	64	10.76	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-22	Instrumnet Name :	P7
Client Sample ID :	MYD0D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:53:25	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42908	43175	43847	43310	1.12	cps
Lead	207-1	35025	35456	36031	35504	1.42	cps
Lead	208-1	165328	167989	168733	167350	1.07	cps
Lithium	6-1	299408	303271	306839	303173	1.23	cps
Magnesium	24-2	882983	890409	881987	885126	0.52	cps
Manganese	55-2	1102732	1104473	1103321	1103509	0.08	cps
Molybdenum	94-1	18829	19106	19239	19058	1.10	cps
Molybdenum	95-1	1440	1470	1473	1461	1.26	cps
Molybdenum	96-1	5351	5408	5564	5441	2.03	cps
Molybdenum	97-1	923	953	870	916	4.61	cps
Molybdenum	98-1	2217	2514	2427	2386	6.40	cps
Neodymium	150-1	35201	35545	35852	35532	0.92	cps
Neodymium	150-2	19917	20308	20368	20198	1.21	cps
Nickel	60-2	24998	25632	25048	25226	1.40	cps
Phosphorus	31-2	2517	2537	2584	2546	1.34	cps
Potassium	39-2	561318	560841	560005	560722	0.12	cps
Rhodium	103-1	1512388	1582169	1561816	1552124	2.31	cps
Rhodium	103-2	835008	833948	835681	834879	0.10	cps
Scandium	45-1	857685	860224	866367	861425	0.52	cps
Scandium	45-2	67258	67442	67328	67343	0.14	cps
Selenium	82-1	54	68	61	61	11.22	cps
Selenium	77-2	23	57	33	38	45.29	cps
Selenium	78-2	87	70	130	96	32.41	cps
Silicon	28-1	4457621	4504416	4542239	4501425	0.94	cps
Silver	107-1	247	283	237	256	9.62	cps
Silver	109-1	220	270	270	253	11.40	cps
Sodium	23-2	18171	17977	18628	18259	1.83	cps
Strontium	86-1	39707	40726	40703	40379	1.44	cps
Strontium	88-1	351318	357814	359298	356143	1.19	cps
Sulfur	34-1	43251	43936	43271	43486	0.90	cps
Terbium	159-1	2528605	2538050	2531365	2532673	0.19	cps
Terbium	159-2	1661238	1678051	1669845	1669711	0.50	cps
Thallium	203-1	1050	1030	960	1013	4.66	cps
Thallium	205-1	2310	2410	2354	2358	2.13	cps
Tin	118-1	4191	4341	4404	4312	2.54	cps
Titanium	47-1	253519	256758	259431	256569	1.15	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4291-22	Instrumnet Name :	P7
Client Sample ID :	MYD0D4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:53:25	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9090	9657	9457	9401	3.06	cps
Vanadium	51-2	96784	97660	96542	96995	0.61	cps
Yttrium	89-1	2674229	2684010	2715636	2691292	0.80	cps
Yttrium	89-2	633597	638624	646441	639554	1.01	cps
Zinc	66-2	19543	19463	19212	19406	0.89	cps
Zirconium	90-1	48292	50250	49814	49452	2.08	cps
Zirconium	91-1	10447	10551	10874	10624	2.10	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-01	Instrumnet Name :	P7
Client Sample ID :	MYD0D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:56:49	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1255372	1286189	1262870	1268144	1.27	cps
Antimony	121-1	3217	3180	3027	3141	3.21	cps
Arsenic	75-2	9470	9396	9556	9474	0.85	cps
Barium	135-1	185403	186537	188897	186946	0.95	cps
Barium	137-1	326160	331382	327855	328466	0.81	cps
Beryllium	9-1	437	400	430	422	4.63	cps
Bismuth	209-1	1282770	1283899	1291513	1286061	0.37	cps
Bismuth	209-2	1107463	1110199	1112285	1109982	0.22	cps
Bromine	81-1	3834	3944	3644	3807	3.99	cps
Bromine	81-2	163	230	190	194	17.25	cps
Cadmium	108-1	37	77	60	58	34.77	cps
Cadmium	106-1	733	770	800	768	4.35	cps
Cadmium	111-1	658	639	651	649	1.49	cps
Calcium	43-1	28530	28423	28847	28600	0.77	cps
Calcium	44-1	463008	465462	471919	466797	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58663	59600	59848	59371	1.05	cps
Cobalt	59-2	32752	32909	32585	32749	0.49	cps
Copper	63-2	53542	53368	52943	53284	0.58	cps
Dysprosium	156-1	14494	14458	14671	14541	0.79	cps
Dysprosium	156-2	11895	12039	12219	12051	1.35	cps
Erbium	164-1	9990	10597	10491	10359	3.13	cps
Erbium	164-2	7229	7322	7129	7226	1.34	cps
Gadolinium	160-1	12839	13009	12773	12874	0.95	cps
Gadolinium	160-2	9373	9266	9300	9313	0.59	cps
Holmium	165-1	2395864	2426167	2404359	2408797	0.65	cps
Holmium	165-2	1646638	1653507	1706211	1668785	1.95	cps
Indium	115-1	1797758	1821047	1811866	1810224	0.65	cps
Indium	115-2	555011	557117	555645	555924	0.19	cps
Iron	56-2	42752573	42816378	43126843	42898598	0.47	cps
Iron	57-2	1106843	1107424	1108537	1107601	0.08	cps
Iron	54-2	2326996	2351002	2320378	2332792	0.69	cps
Krypton	83-1	73	60	63	66	10.58	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-01	Instrumnet Name :	P7
Client Sample ID :	MYD0D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:56:49	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32028	31156	31176	31453	1.58	cps
Lead	207-1	25671	26022	26222	25972	1.07	cps
Lead	208-1	122265	122108	122329	122234	0.09	cps
Lithium	6-1	295528	298654	300322	298168	0.82	cps
Magnesium	24-2	693353	697590	695362	695435	0.30	cps
Manganese	55-2	782456	784473	786103	784344	0.23	cps
Molybdenum	94-1	19213	19750	19403	19455	1.40	cps
Molybdenum	95-1	1073	937	1073	1028	7.68	cps
Molybdenum	96-1	5011	4831	5188	5010	3.56	cps
Molybdenum	97-1	620	597	597	604	2.23	cps
Molybdenum	98-1	1713	1687	1560	1653	4.96	cps
Neodymium	150-1	26071	26882	26752	26568	1.64	cps
Neodymium	150-2	15048	15131	15245	15142	0.65	cps
Nickel	60-2	19369	19583	19319	19424	0.72	cps
Phosphorus	31-2	1900	1953	1810	1888	3.84	cps
Potassium	39-2	446119	448427	446746	447098	0.27	cps
Rhodium	103-1	1500052	1503646	1551911	1518536	1.91	cps
Rhodium	103-2	821137	823414	822082	822211	0.14	cps
Scandium	45-1	839534	847111	844423	843689	0.46	cps
Scandium	45-2	65685	66646	65507	65946	0.93	cps
Selenium	82-1	90	75	61	75	18.81	cps
Selenium	77-2	23	30	23	26	15.07	cps
Selenium	78-2	60	80	80	73	15.75	cps
Silicon	28-1	4356244	4402813	4391587	4383548	0.55	cps
Silver	107-1	197	227	227	217	7.99	cps
Silver	109-1	153	193	157	168	13.23	cps
Sodium	23-2	15181	15341	15414	15312	0.78	cps
Strontium	86-1	29636	30241	31300	30392	2.77	cps
Strontium	88-1	266062	267450	268974	267495	0.54	cps
Sulfur	34-1	43007	42278	42392	42559	0.92	cps
Terbium	159-1	2492403	2502230	2497228	2497287	0.20	cps
Terbium	159-2	1537518	1651124	1660348	1616330	4.23	cps
Thallium	203-1	803	847	807	819	2.94	cps
Thallium	205-1	1750	1970	1944	1888	6.36	cps
Tin	118-1	4371	4214	4134	4240	2.84	cps
Titanium	47-1	214341	216718	217804	216287	0.82	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-01	Instrumnet Name :	P7
Client Sample ID :	MYD0D5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 08:56:49	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6935	7249	7189	7124	2.34	cps
Vanadium	51-2	80436	81300	80681	80806	0.55	cps
Yttrium	89-1	2555306	2608075	2568902	2577428	1.06	cps
Yttrium	89-2	618337	627228	622401	622655	0.71	cps
Zinc	66-2	15518	15842	15742	15701	1.06	cps
Zirconium	90-1	50958	50466	50811	50745	0.50	cps
Zirconium	91-1	11211	11368	11441	11340	1.04	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-02	Instrumnet Name :	P7
Client Sample ID :	MYD0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:00:12	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1046615	1039486	1041600	1042567	0.35	cps
Antimony	121-1	3867	3794	4081	3914	3.81	cps
Arsenic	75-2	9763	9543	9610	9639	1.17	cps
Barium	135-1	258813	263522	264225	262186	1.12	cps
Barium	137-1	455732	463190	461357	460093	0.84	cps
Beryllium	9-1	403	413	393	403	2.48	cps
Bismuth	209-1	1266271	1276456	1271281	1271336	0.40	cps
Bismuth	209-2	1103803	1093538	1109789	1102376	0.75	cps
Bromine	81-1	3180	3227	3200	3203	0.73	cps
Bromine	81-2	123	63	103	97	31.61	cps
Cadmium	108-1	63	67	43	58	21.85	cps
Cadmium	106-1	697	803	690	730	8.71	cps
Cadmium	111-1	693	849	769	771	10.10	cps
Calcium	43-1	30471	30167	30347	30328	0.50	cps
Calcium	44-1	487304	496942	496579	493608	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49762	50631	51023	50472	1.28	cps
Cobalt	59-2	37323	37306	37777	37469	0.71	cps
Copper	63-2	96099	96005	96360	96155	0.19	cps
Dysprosium	156-1	16997	17584	17157	17246	1.76	cps
Dysprosium	156-2	14077	14057	14217	14117	0.62	cps
Erbium	164-1	11862	12336	12736	12311	3.55	cps
Erbium	164-2	8419	8439	8209	8356	1.53	cps
Gadolinium	160-1	14578	14935	14968	14827	1.46	cps
Gadolinium	160-2	11084	10627	10804	10839	2.13	cps
Holmium	165-1	2343068	2387653	2355967	2362229	0.97	cps
Holmium	165-2	1658421	1643586	1635918	1645975	0.70	cps
Indium	115-1	1798969	1768763	1797369	1788367	0.95	cps
Indium	115-2	547775	550638	549167	549193	0.26	cps
Iron	56-2	42720034	42647396	42577011	42648147	0.17	cps
Iron	57-2	1104925	1102995	1103003	1103641	0.10	cps
Iron	54-2	2344612	2307584	2324333	2325510	0.80	cps
Krypton	83-1	57	50	70	59	17.29	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-02	Instrumnet Name :	P7
Client Sample ID :	MYD0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:00:12	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	55834	57735	56748	56772	1.67	cps
Lead	207-1	48580	48593	49075	48749	0.58	cps
Lead	208-1	222636	226578	224425	224546	0.88	cps
Lithium	6-1	292561	295509	299561	295877	1.19	cps
Magnesium	24-2	678755	680838	677140	678911	0.27	cps
Manganese	55-2	1713893	1707714	1727075	1716227	0.58	cps
Molybdenum	94-1	14310	14754	14874	14646	2.03	cps
Molybdenum	95-1	973	1153	1173	1100	10.01	cps
Molybdenum	96-1	4014	4191	4141	4115	2.21	cps
Molybdenum	97-1	590	607	657	618	5.62	cps
Molybdenum	98-1	1527	1553	1787	1622	8.82	cps
Neodymium	150-1	30994	31215	30206	30805	1.72	cps
Neodymium	150-2	17307	17538	17608	17484	0.90	cps
Nickel	60-2	19650	19546	19349	19515	0.78	cps
Phosphorus	31-2	2437	2247	2377	2354	4.13	cps
Potassium	39-2	461857	463900	463662	463140	0.24	cps
Rhodium	103-1	1479750	1479309	1491720	1483593	0.47	cps
Rhodium	103-2	811016	808458	806262	808579	0.29	cps
Scandium	45-1	820946	822995	832774	825572	0.77	cps
Scandium	45-2	63720	65805	64908	64811	1.61	cps
Selenium	82-1	94	67	70	77	19.24	cps
Selenium	77-2	23	17	33	24	34.31	cps
Selenium	78-2	117	70	67	84	33.10	cps
Silicon	28-1	4046249	4096990	4130787	4091342	1.04	cps
Silver	107-1	607	713	697	672	8.54	cps
Silver	109-1	577	590	630	599	4.63	cps
Sodium	23-2	14901	15104	15545	15183	2.17	cps
Strontium	86-1	38149	38346	38985	38494	1.13	cps
Strontium	88-1	333801	339067	341722	338197	1.19	cps
Sulfur	34-1	41764	41797	41891	41817	0.16	cps
Terbium	159-1	2435978	2504702	2462134	2467604	1.41	cps
Terbium	159-2	1531865	1667935	1527676	1575825	5.06	cps
Thallium	203-1	1203	1097	1320	1207	9.26	cps
Thallium	205-1	2577	2830	2784	2730	4.94	cps
Tin	118-1	3991	4004	4194	4063	2.80	cps
Titanium	47-1	217560	219502	221169	219410	0.82	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-02	Instrumnet Name :	P7
Client Sample ID :	MYD0S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:00:12	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7099	7536	7459	7364	3.17	cps
Vanadium	51-2	79451	78965	78697	79038	0.48	cps
Yttrium	89-1	2589980	2564859	2598441	2584427	0.68	cps
Yttrium	89-2	625051	619496	621230	621925	0.46	cps
Zinc	66-2	21599	21466	21716	21593	0.58	cps
Zirconium	90-1	37555	38119	38170	37948	0.90	cps
Zirconium	91-1	8523	8616	8606	8581	0.60	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-03	Instrumnet Name :	P7
Client Sample ID :	MYD0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:03:38	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1903197	1875076	1856896	1878390	1.24	cps
Antimony	121-1	3277	3427	3260	3322	2.76	cps
Arsenic	75-2	11318	11645	11631	11531	1.60	cps
Barium	135-1	163327	165125	165924	164792	0.81	cps
Barium	137-1	284243	288861	292067	288390	1.36	cps
Beryllium	9-1	270	237	243	250	7.05	cps
Bismuth	209-1	1256561	1272294	1276615	1268490	0.83	cps
Bismuth	209-2	1083634	1085733	1089212	1086193	0.26	cps
Bromine	81-1	3544	3394	3394	3444	2.52	cps
Bromine	81-2	153	127	127	136	11.36	cps
Cadmium	108-1	173	133	167	158	13.58	cps
Cadmium	106-1	830	793	857	827	3.85	cps
Cadmium	111-1	2120	2022	2056	2066	2.40	cps
Calcium	43-1	50002	50607	51390	50666	1.37	cps
Calcium	44-1	813813	825791	827238	822281	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168802	168650	168904	168786	0.08	cps
Cobalt	59-2	76983	77509	77666	77386	0.46	cps
Copper	63-2	311232	312328	311574	311711	0.18	cps
Dysprosium	156-1	8433	8506	8253	8397	1.55	cps
Dysprosium	156-2	6752	6618	6668	6679	1.01	cps
Erbium	164-1	7269	7762	7622	7551	3.37	cps
Erbium	164-2	5348	5154	5191	5231	1.96	cps
Gadolinium	160-1	7549	7295	7555	7467	1.99	cps
Gadolinium	160-2	5591	5565	5378	5511	2.11	cps
Holmium	165-1	2332350	2359553	2319185	2337030	0.88	cps
Holmium	165-2	1526026	1532112	1535249	1531129	0.31	cps
Indium	115-1	1777348	1764314	1754263	1765308	0.66	cps
Indium	115-2	539342	539391	543151	540628	0.40	cps
Iron	56-2	56492849	56932466	56211941	56545752	0.64	cps
Iron	57-2	1412613	1405219	1416920	1411584	0.42	cps
Iron	54-2	3116383	3078883	3097990	3097752	0.61	cps
Krypton	83-1	60	50	37	49	23.94	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-03	Instrumnet Name :	P7
Client Sample ID :	MYD0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:03:38	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	172450	174627	173948	173675	0.64	cps
Lead	207-1	148684	152071	152026	150927	1.29	cps
Lead	208-1	687714	698835	699064	695204	0.93	cps
Lithium	6-1	291396	296122	295204	294241	0.85	cps
Magnesium	24-2	1748224	1738810	1730469	1739167	0.51	cps
Manganese	55-2	1016847	1021949	1015755	1018184	0.32	cps
Molybdenum	94-1	9233	9733	9787	9584	3.19	cps
Molybdenum	95-1	850	880	857	862	1.83	cps
Molybdenum	96-1	3250	3410	3204	3288	3.30	cps
Molybdenum	97-1	563	540	520	541	4.01	cps
Molybdenum	98-1	1287	1380	1423	1363	5.12	cps
Neodymium	150-1	12723	12979	12966	12889	1.12	cps
Neodymium	150-2	7369	7342	7149	7286	1.65	cps
Nickel	60-2	39669	40331	40180	40060	0.87	cps
Phosphorus	31-2	1560	1413	1430	1468	5.47	cps
Potassium	39-2	247679	246311	248016	247335	0.37	cps
Rhodium	103-1	1461417	1464761	1479960	1468713	0.67	cps
Rhodium	103-2	791510	795008	801807	796108	0.66	cps
Scandium	45-1	841882	850084	854489	848818	0.75	cps
Scandium	45-2	65253	65333	65672	65419	0.34	cps
Selenium	82-1	89	103	128	107	18.12	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	67	87	93	82	16.88	cps
Silicon	28-1	4131587	4195474	4233217	4186759	1.23	cps
Silver	107-1	1780	1867	1997	1881	5.80	cps
Silver	109-1	1853	1997	1930	1927	3.72	cps
Sodium	23-2	16182	16512	16419	16371	1.04	cps
Strontium	86-1	31951	31697	31734	31794	0.43	cps
Strontium	88-1	277625	281062	282694	280460	0.92	cps
Sulfur	34-1	41861	41670	41720	41750	0.24	cps
Terbium	159-1	2445761	2456501	2507762	2470008	1.34	cps
Terbium	159-2	1610960	1511975	1517894	1546943	3.59	cps
Thallium	203-1	380	357	413	383	7.43	cps
Thallium	205-1	967	980	963	970	0.91	cps
Tin	118-1	4704	4781	4771	4752	0.88	cps
Titanium	47-1	419764	427116	430560	425814	1.30	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-03	Instrumnet Name :	P7
Client Sample ID :	MYD0T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:03:38	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4854	4888	4754	4832	1.44	cps
Vanadium	51-2	125631	125997	125705	125777	0.15	cps
Yttrium	89-1	2500091	2525212	2495005	2506769	0.65	cps
Yttrium	89-2	599570	601708	601619	600966	0.20	cps
Zinc	66-2	36645	35546	36247	36146	1.54	cps
Zirconium	90-1	23913	23836	24828	24192	2.28	cps
Zirconium	91-1	5371	5651	5488	5503	2.56	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-04	Instrumnet Name :	P7
Client Sample ID :	MYD0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:07:00	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1535682	1532094	1501773	1523183	1.22	cps
Antimony	121-1	1307	1283	1277	1289	1.22	cps
Arsenic	75-2	4944	4557	5064	4855	5.45	cps
Barium	135-1	121052	122985	122269	122102	0.80	cps
Barium	137-1	211208	212037	212851	212032	0.39	cps
Beryllium	9-1	227	200	193	207	8.53	cps
Bismuth	209-1	1244210	1248188	1251119	1247839	0.28	cps
Bismuth	209-2	1072104	1069151	1078058	1073104	0.42	cps
Bromine	81-1	3817	3610	3781	3736	2.95	cps
Bromine	81-2	223	207	227	219	4.90	cps
Cadmium	108-1	70	63	80	71	11.80	cps
Cadmium	106-1	603	657	627	629	4.25	cps
Cadmium	111-1	657	649	716	674	5.46	cps
Calcium	43-1	42459	41864	43037	42454	1.38	cps
Calcium	44-1	689052	697500	697562	694705	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137180	137685	136786	137217	0.33	cps
Cobalt	59-2	57439	58256	58025	57907	0.73	cps
Copper	63-2	134148	135025	136017	135063	0.69	cps
Dysprosium	156-1	5818	6021	6101	5980	2.44	cps
Dysprosium	156-2	4577	4844	4818	4746	3.10	cps
Erbium	164-1	5451	5698	5728	5626	2.70	cps
Erbium	164-2	3904	3911	3951	3922	0.64	cps
Gadolinium	160-1	5301	5414	5698	5471	3.74	cps
Gadolinium	160-2	4031	3971	4094	4032	1.53	cps
Holmium	165-1	2338702	2365468	2347711	2350627	0.58	cps
Holmium	165-2	1522307	1510766	1520858	1517977	0.41	cps
Indium	115-1	1737594	1748567	1741204	1742455	0.32	cps
Indium	115-2	538459	533945	535749	536051	0.42	cps
Iron	56-2	45417071	44774359	44684179	44958537	0.89	cps
Iron	57-2	1164665	1168047	1163848	1165520	0.19	cps
Iron	54-2	2463076	2469465	2483324	2471955	0.42	cps
Krypton	83-1	30	67	50	49	37.55	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-04	Instrumnet Name :	P7
Client Sample ID :	MYD0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:07:00	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24385	24372	24833	24530	1.07	cps
Lead	207-1	20579	21250	20425	20752	2.11	cps
Lead	208-1	96194	96229	96528	96317	0.19	cps
Lithium	6-1	284332	286654	286993	285993	0.51	cps
Magnesium	24-2	1323721	1331323	1324257	1326434	0.32	cps
Manganese	55-2	692731	697679	690644	693685	0.52	cps
Molybdenum	94-1	5554	5648	5444	5549	1.84	cps
Molybdenum	95-1	540	510	537	529	3.11	cps
Molybdenum	96-1	2030	1990	2087	2036	2.39	cps
Molybdenum	97-1	257	273	283	271	4.97	cps
Molybdenum	98-1	740	747	710	732	2.67	cps
Neodymium	150-1	9397	9233	9093	9241	1.64	cps
Neodymium	150-2	5111	4961	5048	5040	1.49	cps
Nickel	60-2	31680	31480	31871	31677	0.62	cps
Phosphorus	31-2	767	750	690	736	5.48	cps
Potassium	39-2	110622	109896	109466	109995	0.53	cps
Rhodium	103-1	1458762	1465215	1456913	1460297	0.30	cps
Rhodium	103-2	800496	791917	798211	796875	0.56	cps
Scandium	45-1	823480	823870	817953	821768	0.40	cps
Scandium	45-2	64493	63438	63582	63838	0.90	cps
Selenium	82-1	113	67	76	85	28.90	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	70	73	80	74	6.84	cps
Silicon	28-1	4216378	4297757	4254415	4256183	0.96	cps
Silver	107-1	453	417	470	447	6.11	cps
Silver	109-1	403	390	450	414	7.60	cps
Sodium	23-2	16122	15721	15768	15870	1.38	cps
Strontium	86-1	24394	24564	24377	24445	0.42	cps
Strontium	88-1	212854	215285	218139	215426	1.23	cps
Sulfur	34-1	40069	40036	40661	40255	0.87	cps
Terbium	159-1	2429631	2421031	2429675	2426779	0.21	cps
Terbium	159-2	1505302	1492528	1499008	1498946	0.43	cps
Thallium	203-1	273	277	227	259	10.80	cps
Thallium	205-1	567	580	590	579	2.02	cps
Tin	118-1	3430	3641	3417	3496	3.58	cps
Titanium	47-1	315390	318495	318825	317570	0.60	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	P4292-04	Instrumnet Name :	P7
Client Sample ID :	MYD0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:07:00	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3531	3450	3440	3474	1.42	cps
Vanadium	51-2	100196	101129	99763	100363	0.70	cps
Yttrium	89-1	2443865	2456027	2481768	2460553	0.79	cps
Yttrium	89-2	595593	589374	587870	590946	0.69	cps
Zinc	66-2	14697	14354	14003	14351	2.42	cps
Zirconium	90-1	13973	13817	13696	13829	1.00	cps
Zirconium	91-1	3204	3074	3174	3150	2.16	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:10:26	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1425158	1445580	1429651	1433463	0.75	cps
Antimony	121-1	846057	878987	889432	871492	2.60	cps
Arsenic	75-2	37360	37454	37952	37589	0.85	cps
Barium	135-1	1130796	1173617	1184818	1163077	2.45	cps
Barium	137-1	2112784	2201901	2213727	2176138	2.54	cps
Beryllium	9-1	113101	120321	123936	119119	4.63	cps
Bismuth	209-1	1279334	1312360	1335522	1309072	2.16	cps
Bismuth	209-2	1152420	1155021	1159583	1155674	0.31	cps
Bromine	81-1	3310	3124	3464	3299	5.16	cps
Bromine	81-2	23	17	30	23	28.56	cps
Cadmium	108-1	14911	15802	15822	15512	3.35	cps
Cadmium	106-1	22394	22885	23038	22772	1.48	cps
Cadmium	111-1	209626	216676	219167	215156	2.30	cps
Calcium	43-1	951923	997081	1024678	991227	3.71	cps
Calcium	44-1	14473025	15250626	15581167	15101606	3.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255410	257132	260985	257842	1.11	cps
Cobalt	59-2	410544	410146	413203	411298	0.40	cps
Copper	63-2	2942112	2912491	2946381	2933661	0.63	cps
Dysprosium	156-1	350	377	390	372	5.47	cps
Dysprosium	156-2	137	143	147	142	3.58	cps
Erbium	164-1	60	43	57	53	16.54	cps
Erbium	164-2	40	50	33	41	20.41	cps
Gadolinium	160-1	57	43	53	51	13.58	cps
Gadolinium	160-2	130	90	87	102	23.59	cps
Holmium	165-1	2482670	2539504	2565041	2529072	1.67	cps
Holmium	165-2	1804732	1809091	1825978	1813267	0.62	cps
Indium	115-1	1804825	1846497	1870261	1840528	1.80	cps
Indium	115-2	589999	593822	599081	594301	0.77	cps
Iron	56-2	58088837	58198399	58077376	58121537	0.11	cps
Iron	57-2	1432509	1460032	1487303	1459948	1.88	cps
Iron	54-2	3166616	3171363	3195765	3177915	0.49	cps
Krypton	83-1	57	57	60	58	3.33	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:10:26	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3393063	3506072	3562807	3487314	2.48	cps
Lead	207-1	2991357	3031947	3133026	3052110	2.39	cps
Lead	208-1	13608922	14062029	14421002	14030651	2.90	cps
Lithium	6-1	316057	329596	341108	328920	3.81	cps
Magnesium	24-2	11466470	11520252	11562922	11516548	0.42	cps
Manganese	55-2	2031310	2037237	2050929	2039826	0.49	cps
Molybdenum	94-1	2965385	3071965	3113885	3050411	2.51	cps
Molybdenum	95-1	4368558	4509938	4586922	4488472	2.47	cps
Molybdenum	96-1	4756838	4894977	5021760	4891192	2.71	cps
Molybdenum	97-1	2726394	2793454	2865420	2795089	2.49	cps
Molybdenum	98-1	7065995	7256778	7435054	7252609	2.54	cps
Neodymium	150-1	140	83	77	100	34.80	cps
Neodymium	150-2	33	10	13	19	66.81	cps
Nickel	60-2	101312	101299	102540	101717	0.70	cps
Phosphorus	31-2	14657	14437	15058	14717	2.14	cps
Potassium	39-2	7505169	7452544	7564286	7507333	0.74	cps
Rhodium	103-1	1483552	1505500	1574021	1521024	3.10	cps
Rhodium	103-2	855534	856249	862710	858164	0.46	cps
Scandium	45-1	834139	864335	886996	861823	3.08	cps
Scandium	45-2	70988	71943	72103	71678	0.84	cps
Selenium	82-1	10897	11270	11442	11203	2.49	cps
Selenium	77-2	1043	1023	1113	1060	4.46	cps
Selenium	78-2	3440	3757	3751	3649	4.96	cps
Silicon	28-1	1817952	1918128	1952191	1896090	3.68	cps
Silver	107-1	1028637	1057151	1077519	1054436	2.33	cps
Silver	109-1	988501	1017579	1036032	1014038	2.36	cps
Sodium	23-2	18062692	18345451	18508895	18305679	1.23	cps
Strontium	86-1	6337712	6542887	6702619	6527739	2.80	cps
Strontium	88-1	56020414	57703957	58396107	57373493	2.13	cps
Sulfur	34-1	96005	100524	102726	99752	3.43	cps
Terbium	159-1	2574439	2616669	2646825	2612644	1.39	cps
Terbium	159-2	1777944	1829092	1804301	1803779	1.42	cps
Thallium	203-1	746516	768203	783842	766187	2.45	cps
Thallium	205-1	2010834	2027345	2123534	2053904	2.96	cps
Tin	118-1	691361	712647	727148	710385	2.53	cps
Titanium	47-1	931104	968395	989275	962924	3.06	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCV022	Instrumnet Name :	P7
Client Sample ID :	CCV022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:10:26	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2870221	2974867	3032823	2959304	2.78	cps
Vanadium	51-2	236633	236674	238877	237394	0.54	cps
Yttrium	89-1	2549551	2644152	2670545	2621416	2.43	cps
Yttrium	89-2	652393	651049	657028	653490	0.48	cps
Zinc	66-2	501885	507784	509524	506398	0.79	cps
Zirconium	90-1	1352083	1398527	1423010	1391207	2.59	cps
Zirconium	91-1	301620	312242	316623	310162	2.49	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:13:30	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	93	93	96	4.03	cps
Antimony	121-1	787	780	793	787	0.85	cps
Arsenic	75-2	3	7	3	4	43.40	cps
Barium	135-1	103	103	83	97	11.95	cps
Barium	137-1	203	163	167	178	12.48	cps
Beryllium	9-1	113	73	73	87	26.65	cps
Bismuth	209-1	1431762	1441568	1429966	1434432	0.44	cps
Bismuth	209-2	1217515	1222012	1208973	1216167	0.54	cps
Bromine	81-1	3264	3290	3487	3347	3.65	cps
Bromine	81-2	27	13	23	21	32.88	cps
Cadmium	108-1	7	10	0	6	91.64	cps
Cadmium	106-1	723	760	660	714	7.08	cps
Cadmium	111-1	532	535	485	517	5.37	cps
Calcium	43-1	110	127	113	117	7.56	cps
Calcium	44-1	2240	2100	2077	2139	4.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93	103	143	113	23.35	cps
Cobalt	59-2	97	70	73	80	18.17	cps
Copper	63-2	893	813	713	807	11.18	cps
Dysprosium	156-1	273	343	330	316	11.78	cps
Dysprosium	156-2	30	47	50	42	25.38	cps
Erbium	164-1	13	20	10	14	35.26	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	13	10	0	8	89.21	cps
Gadolinium	160-2	87	110	113	103	14.06	cps
Holmium	165-1	2641160	2555166	2570569	2588965	1.77	cps
Holmium	165-2	1802281	1799716	1768759	1790252	1.04	cps
Indium	115-1	2020412	2017157	2022756	2020108	0.14	cps
Indium	115-2	613087	608984	607337	609803	0.49	cps
Iron	56-2	10984	11004	11271	11086	1.44	cps
Iron	57-2	590	597	630	606	3.54	cps
Iron	54-2	870	797	857	841	4.64	cps
Krypton	83-1	50	47	53	50	6.66	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:13:30	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	433	360	407	400	9.28	cps
Lead	207-1	353	317	337	336	5.47	cps
Lead	208-1	1827	1450	1560	1612	12.01	cps
Lithium	6-1	366930	363468	360540	363646	0.88	cps
Magnesium	24-2	1330	1370	1390	1363	2.24	cps
Manganese	55-2	420	407	483	437	9.38	cps
Molybdenum	94-1	317	257	263	279	11.79	cps
Molybdenum	95-1	350	273	267	297	15.61	cps
Molybdenum	96-1	377	400	410	396	4.32	cps
Molybdenum	97-1	227	180	193	200	12.02	cps
Molybdenum	98-1	553	477	510	513	7.49	cps
Neodymium	150-1	13	7	10	10	33.30	cps
Neodymium	150-2	13	0	7	7	99.98	cps
Nickel	60-2	103	120	147	123	17.73	cps
Phosphorus	31-2	57	50	33	47	25.76	cps
Potassium	39-2	18314	18131	17874	18106	1.22	cps
Rhodium	103-1	1773692	1724907	1718688	1739096	1.73	cps
Rhodium	103-2	907079	904500	901055	904211	0.33	cps
Scandium	45-1	934367	925210	917629	925735	0.91	cps
Scandium	45-2	70918	70744	69783	70482	0.87	cps
Selenium	82-1	72	84	58	71	18.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	57	57	57	0.00	cps
Silicon	28-1	73957	73794	73197	73649	0.54	cps
Silver	107-1	137	173	157	156	11.80	cps
Silver	109-1	163	167	143	158	8.00	cps
Sodium	23-2	5651	5424	5291	5455	3.34	cps
Strontium	86-1	300	270	317	296	8.00	cps
Strontium	88-1	2364	1647	1450	1820	26.41	cps
Sulfur	34-1	54617	54972	53229	54273	1.70	cps
Terbium	159-1	2722383	2726721	2719830	2722978	0.13	cps
Terbium	159-2	1766477	1788050	1764906	1773144	0.73	cps
Thallium	203-1	187	160	163	170	8.55	cps
Thallium	205-1	410	390	317	372	13.20	cps
Tin	118-1	383	483	510	459	14.55	cps
Titanium	47-1	53	60	93	69	31.11	cps

Reviewed By:mohan
On:10/24/2024
10:33:12 PM
Inst Id :P7

LB Number :	LB133087	Operator :	Jaswal
Lab Sample ID :	CCB022	Instrumnet Name :	P7
Client Sample ID :	CCB022	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 09:13:30	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	147	90	97	111	27.88	cps
Vanadium	51-2	0	13	7	7	99.98	cps
Yttrium	89-1	2722320	2759896	2719385	2733867	0.83	cps
Yttrium	89-2	648976	648526	645475	647659	0.29	cps
Zinc	66-2	273	213	220	236	13.96	cps
Zirconium	90-1	357	327	340	341	4.41	cps
Zirconium	91-1	93	40	70	68	39.44	cps

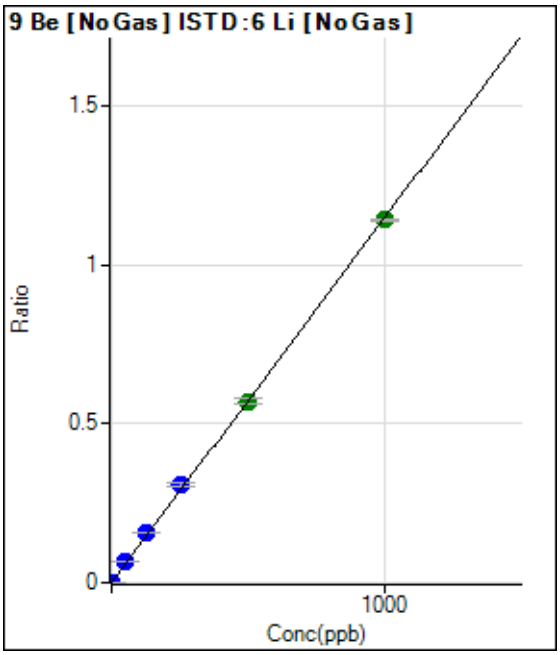
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102324-MS2.b\
Analysis File: P7102324-MS2.batch.bin
DA Date-Time: 2024-10-24 08:15:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-23 16:08:40
2	005CALS.d	S02	2024-10-23 16:11:57
3	006CALS.d	S03	2024-10-23 16:15:16
4	007CALS.d	S04	2024-10-23 16:18:13
5	008CALS.d	S05	2024-10-23 16:21:05
6	009CALS.d	S06	2024-10-23 16:23:50
7	010CALS.d	S07	2024-10-23 16:26:38
8	011CALS.d	S08	2024-10-23 16:29:24

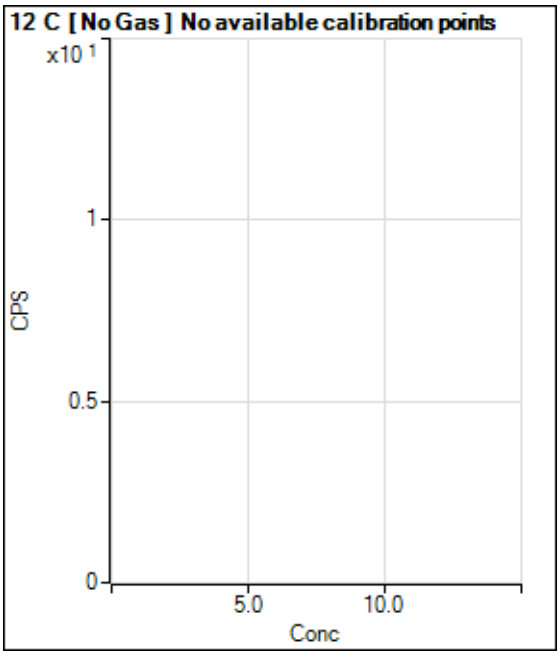
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.28	0.0000	P	6.0
2	☐	1.000	1.035	2501.90	0.0012	P	2.7
3	☐	50.000	57.122	139103.02	0.0655	P	1.0
4	☐	125.000	137.475	352395.25	0.1576	P	3.2
5	☐	250.000	268.451	694370.92	0.3077	P	2.4
6	☐	500.000	497.032	1298380.88	0.5698	A	3.1
7	☐	1000.000	994.956	2495662.08	1.1405	A	0.5
8	☐			304.25	0.0001	P	4.8

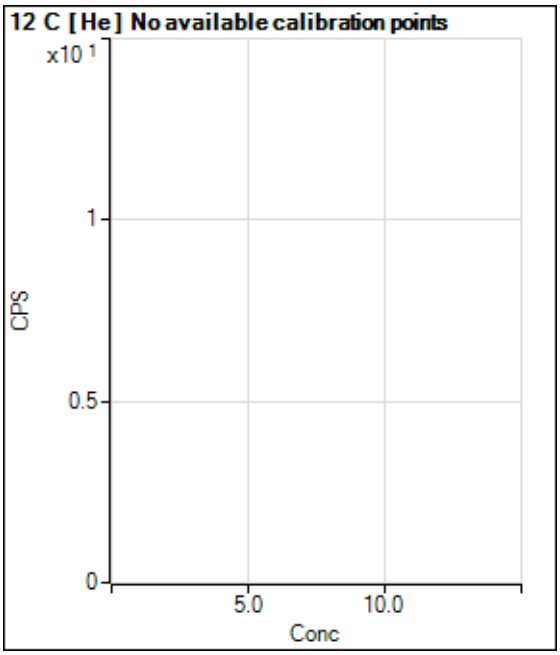
y = 0.0011 * x + 1.5387E-005
R = 0.9998
DL = 0.002398
BEC = 0.01342

Weight: <None>
Min Conc: 0

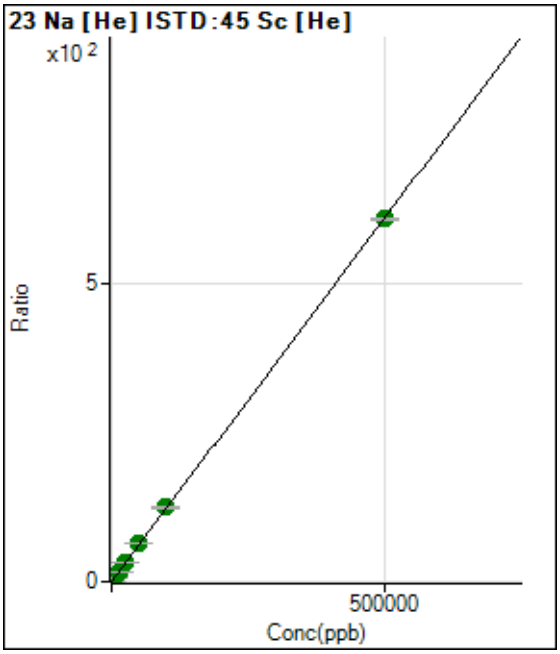


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



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

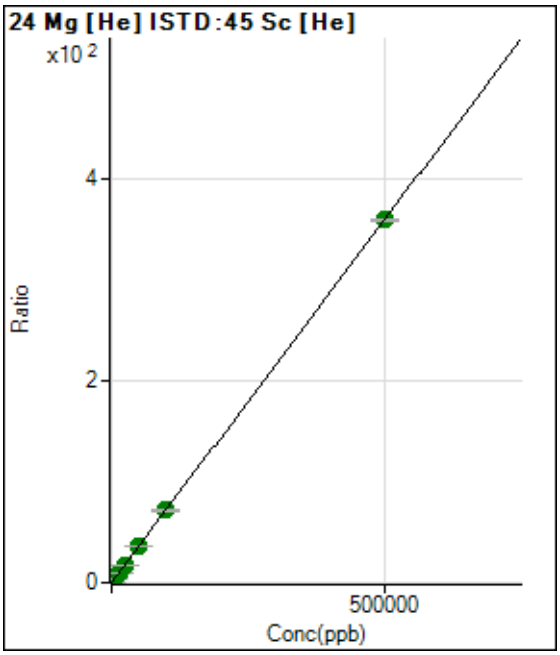


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75499.23	0.0786	P	1.0
2	☐	500.000	520.048	682296.90	0.7115	P	0.1
3	☐	5000.000	5269.453	6116033.80	6.4914	A	0.5
4	☐	12500.000	13068.263	14825397.97	15.9823	A	0.8
5	☐	25000.000	25588.605	28962057.62	31.2193	A	0.9
6	☐	50000.000	52677.743	58390941.35	64.1861	A	0.6
7	☐	100000.00	102253.07	113855228.31	124.5180	A	1.1
8	☐	500000.00	499235.26	556914765.03	607.6354	A	0.9

y = 0.0012 * x + 0.0786
R = 1.0000
DL = 1.967
BEC = 64.59

Weight: <None>
Min Conc: 0

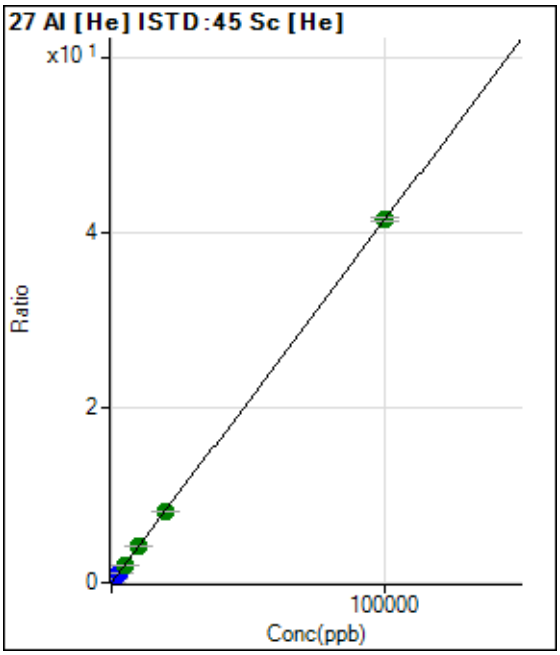
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1515.65	0.0016	P	9.9
2	☐	500.000	536.448	371711.13	0.3876	P	0.5
3	☐	5000.000	5063.653	3434668.59	3.6455	A	1.1
4	☐	12500.000	12600.333	8412414.18	9.0690	A	0.3
5	☐	25000.000	24620.823	16437062.81	17.7191	A	0.7
6	☐	50000.000	50313.185	32938713.95	36.2077	A	0.5
7	☐	100000.00	99665.938	65581983.47	71.7228	A	0.7
8	☐	500000.00	500051.27	329808986.20	359.8464	A	0.9

y = 7.1962E-004 * x + 0.0016
R = 1.0000
DL = 0.6496
BEC = 2.193

Weight: <None>
Min Conc: 0

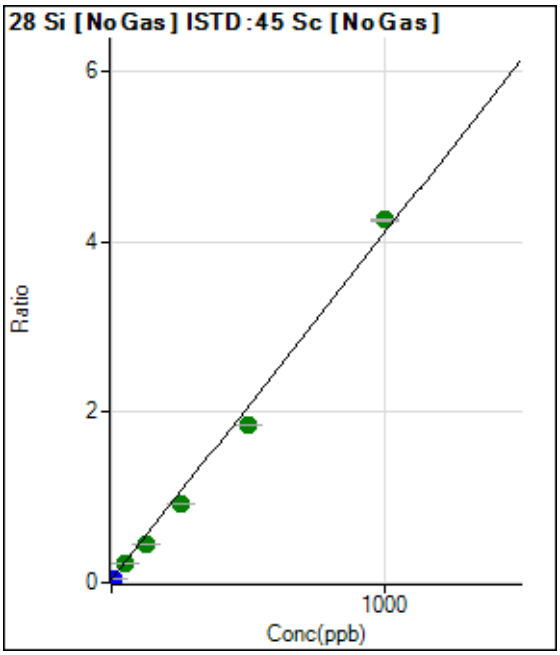


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	682.24	0.0007	P	9.1
2	☐	20.000	19.056	8254.51	0.0086	P	1.2
3	☐	1000.000	1077.738	421524.81	0.4474	P	1.5
4	☐	2500.000	2541.155	977631.12	1.0539	P	0.1
5	☐	5000.000	4890.602	1881145.09	2.0277	A	0.6
6	☐	10000.000	9910.150	3737296.65	4.1081	A	0.3
7	☐	20000.000	19587.293	7423975.10	8.1190	A	0.3
8	☐	100000.00	100095.19	38023621.94	41.4867	A	1.0

y = 4.1447E-004 * x + 7.1001E-004
R = 1.0000
DL = 0.4684
BEC = 1.713

Weight: <None>
Min Conc: 0

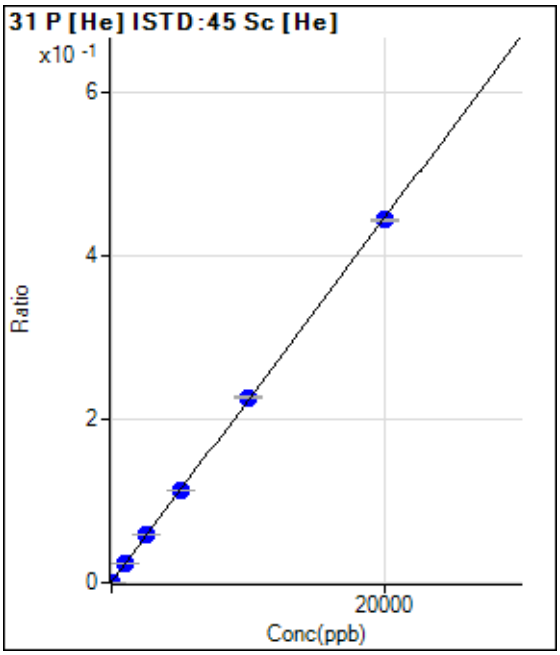
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	403664.86	0.0375	P	1.3
2	☐	10.000	1.066	452581.96	0.0418	P	0.8
3	☐	50.000	45.832	2409941.18	0.2237	A	2.9
4	☐	125.000	103.736	4860580.48	0.4589	A	1.4
5	☐	250.000	218.239	9785794.51	0.9239	A	1.5
6	☐	500.000	446.009	19095734.44	1.8491	A	0.6
7	☐	1000.000	1037.892	44553134.34	4.2531	A	0.9
8	☐			522505.69	0.0514	P	0.9

y = 0.0041 * x + 0.0375
R = 0.9975
DL = 0.3563
BEC = 9.234

Weight: <None>
Min Conc: 0

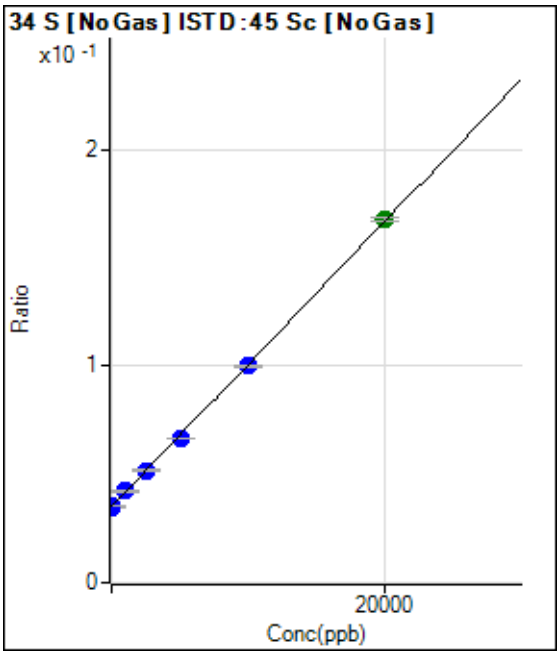


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.565	264.45	0.0003	P	12.9
2	☐	0.000	16.565	972.26	0.0010	P	7.4
3	☐	1000.000	1032.251	22287.45	0.0237	P	2.1
4	☐	2500.000	2588.461	54121.89	0.0583	P	0.2
5	☐	5000.000	5037.594	104757.56	0.1129	P	1.9
6	☐	10000.000	10160.802	206645.54	0.2271	P	0.3
7	☐	20000.000	19897.530	406166.98	0.4442	P	0.3
8	☐			426.68	0.0005	P	2.7

y = 2.2292E-005 * x + 6.4461E-004
R = 0.9999
DL = 7.465
BEC = 28.92

Weight: <None>
Min Conc: 0

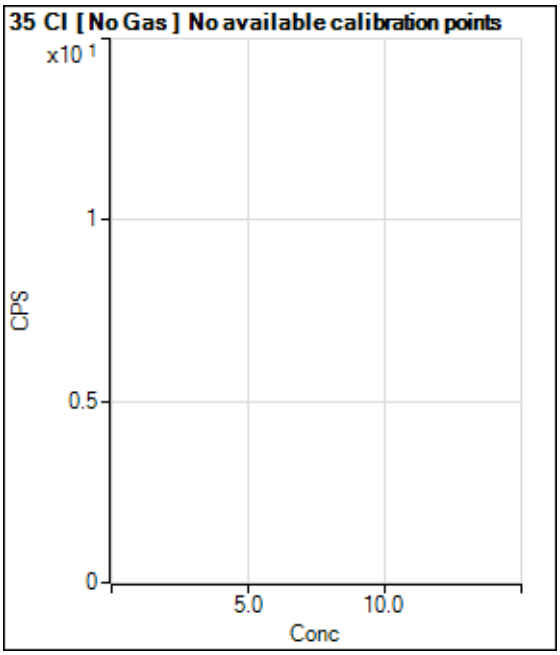
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-24.772	376210.96	0.0350	P	1.6
2	☐	0.000	24.772	381681.22	0.0353	P	0.2
3	☐	1000.000	1090.547	455862.50	0.0423	P	1.8
4	☐	2500.000	2547.789	549771.92	0.0519	P	0.4
5	☐	5000.000	4796.626	706573.19	0.0667	P	0.6
6	☐	10000.000	9854.978	1032797.26	0.1000	P	0.8
7	☐	20000.000	20112.854	1755283.93	0.1676	A	1.0
8	☐			322116.57	0.0317	P	3.6

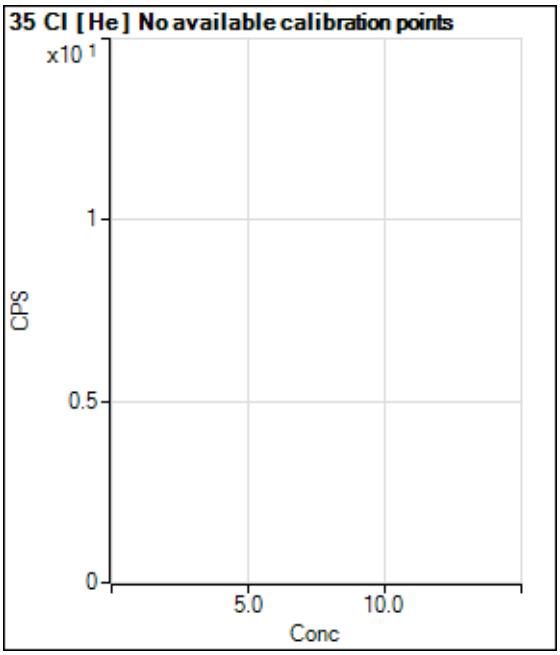
y = 6.5850E-006 * x + 0.0351
R = 0.9999
DL = 148.6
BEC = 5333

Weight: <None>
Min Conc: 0

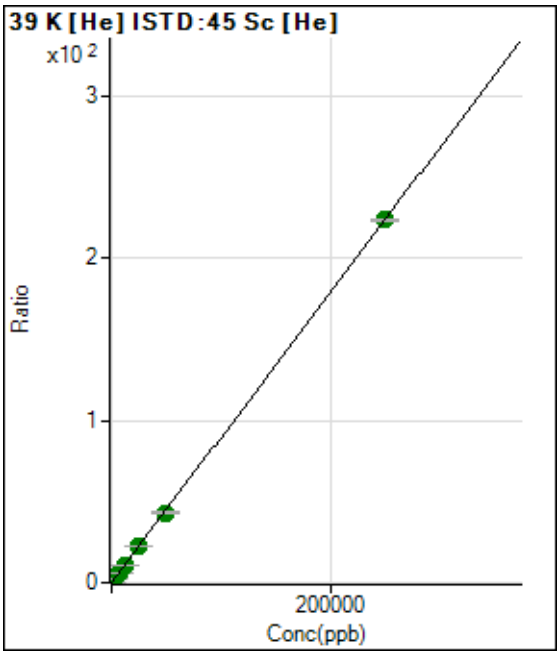


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



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

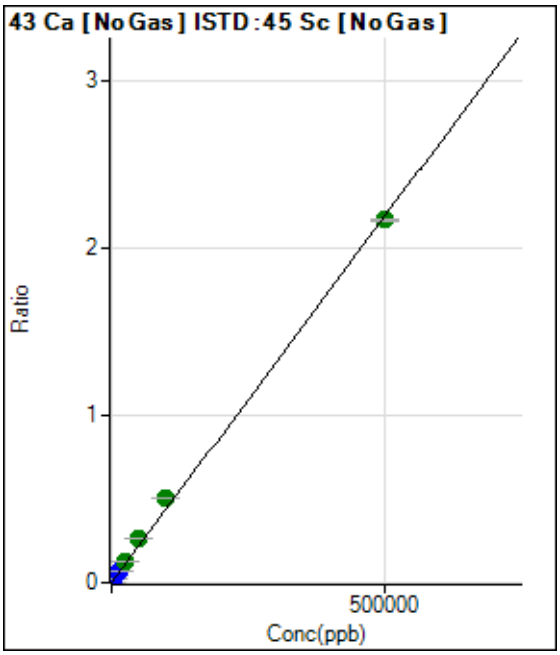


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106559.36	0.1109	P	1.2
2	☐	500.000	503.605	537592.43	0.5606	P	0.3
3	☐	2500.000	2505.482	2212230.25	2.3480	A	1.5
4	☐	6250.000	6173.682	5216122.52	5.6232	A	0.4
5	☐	12500.000	12108.230	10129538.88	10.9220	A	2.6
6	☐	25000.000	24579.351	20065877.34	22.0570	A	0.3
7	☐	50000.000	48276.277	39516384.13	43.2153	A	0.6
8	☐	250000.00	250408.24	205029745.83	223.6924	A	0.4

y = 8.9287E-004 * x + 0.1109
R = 1.0000
DL = 4.456
BEC = 124.2

Weight: <None>
Min Conc: 0

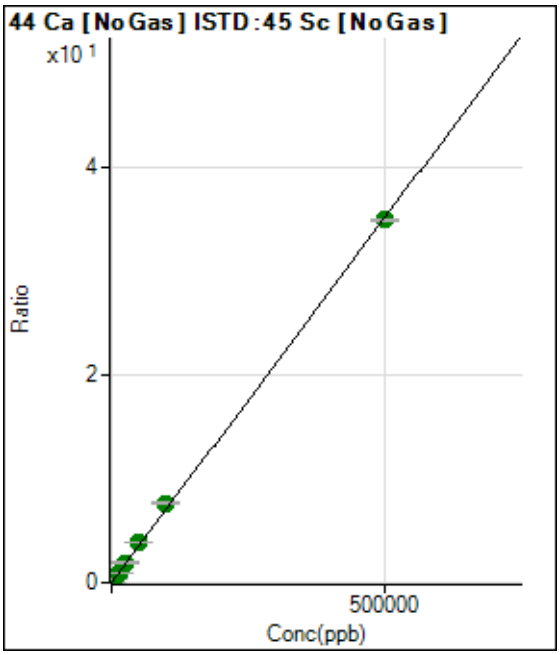
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	570.02	0.0001	P	7.7
2	☐	500.000	509.403	24663.47	0.0023	P	1.6
3	☐	5000.000	6117.314	288715.46	0.0268	P	3.5
4	☐	12500.000	15249.723	706801.71	0.0667	P	1.0
5	☐	25000.000	29311.354	1357917.05	0.1282	A	0.5
6	☐	50000.000	60140.180	2715715.79	0.2630	A	0.5
7	☐	100000.00	115646.53	5296756.93	0.5057	A	1.9
8	☐	500000.00	495561.18	22028919.12	2.1666	A	0.6

y = 4.3719E-006 * x + 5.2932E-005
R = 0.9994
DL = 2.779
BEC = 12.11

Weight: <None>
Min Conc: 0

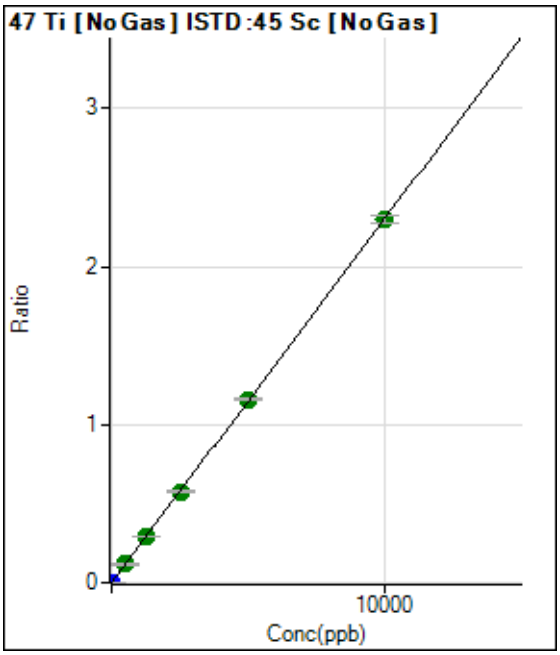


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56700.54	0.0053	P	1.5
2	☐	500.000	516.851	448791.60	0.0415	P	0.8
3	☐	5000.000	5502.290	4211605.25	0.3908	A	2.4
4	☐	12500.000	13715.501	10237249.15	0.9664	A	0.9
5	☐	25000.000	27542.816	20498717.89	1.9354	A	1.4
6	☐	50000.000	55000.804	39855230.52	3.8595	A	1.0
7	☐	100000.00	109146.46	80173873.81	7.6538	A	2.8
8	☐	500000.00	497508.05	354524523.61	34.8686	A	0.7

y = 7.0076E-005 * x + 0.0053
R = 0.9998
DL = 3.34
BEC = 75.18

Weight: <None>
Min Conc: 0

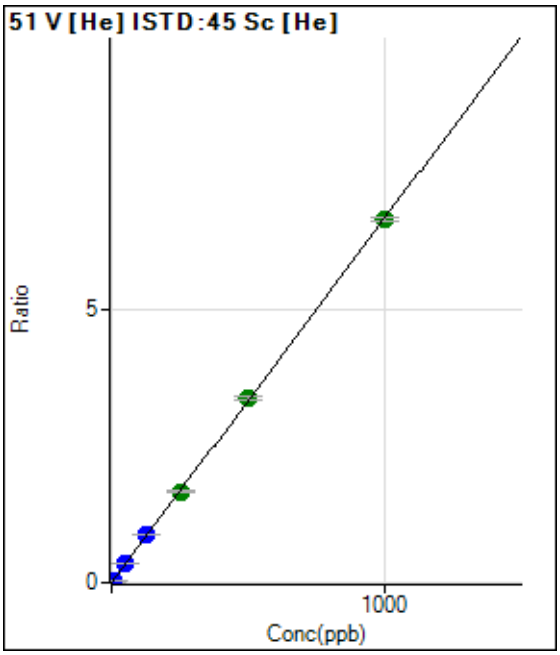
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	298.89	0.0000	P	12.4
2	☐	5.000	4.481	11449.98	0.0011	P	2.6
3	☐	500.000	502.811	1246703.27	0.1157	A	1.5
4	☐	1250.000	1269.880	3094376.10	0.2921	A	1.8
5	☐	2500.000	2501.707	6094960.12	0.5755	A	1.4
6	☐	5000.000	5037.314	11965163.99	1.1587	A	1.3
7	☐	10000.000	9978.291	24042477.70	2.2952	A	2.1
8	☐			3201.48	0.0003	P	6.2

y = 2.3001E-004 * x + 2.7797E-005
R = 1.0000
DL = 0.04499
BEC = 0.1209

Weight: <None>
Min Conc: 0

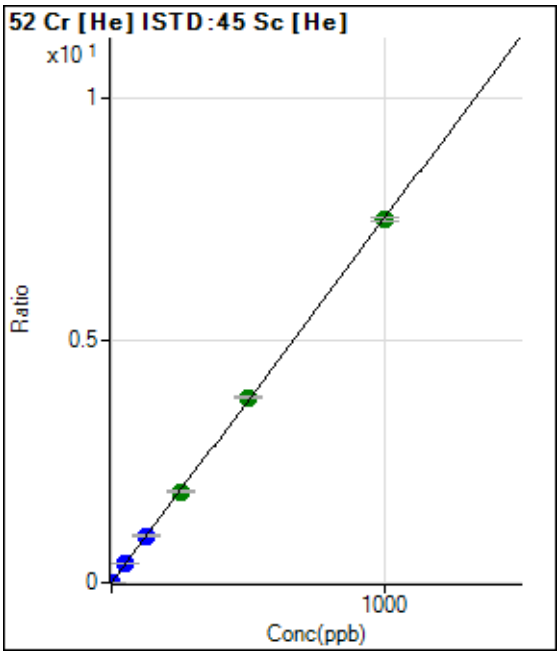


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	17.0
2	☐	5.000	4.986	32003.95	0.0334	P	0.7
3	☐	50.000	51.896	327079.15	0.3472	P	0.6
4	☐	125.000	129.769	805207.11	0.8680	P	0.1
5	☐	250.000	250.025	1551353.43	1.6724	A	1.2
6	☐	500.000	506.716	3083259.40	3.3895	A	1.6
7	☐	1000.000	995.945	6091578.66	6.6619	A	1.1
8	☐			1412.31	0.0015	P	4.0

y = 0.0067 * x + 2.0828E-005
R = 1.0000
DL = 0.001587
BEC = 0.003114

Weight: <None>
Min Conc: 0

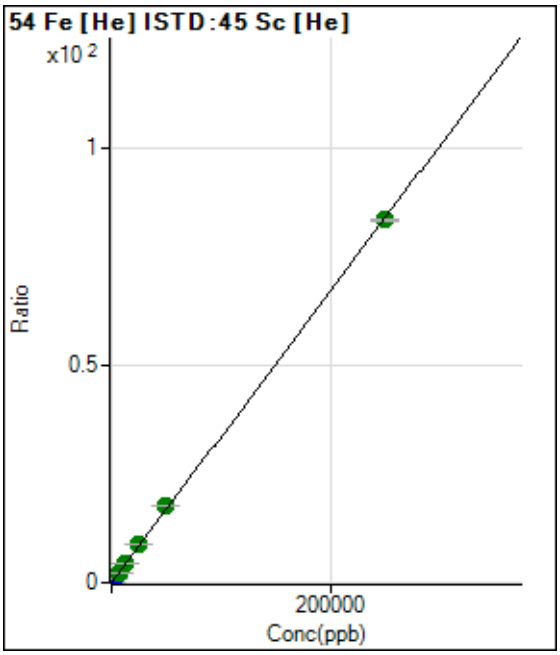
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1632.33	0.0017	P	3.6
2	☐	2.000	1.983	15938.54	0.0166	P	2.9
3	☐	50.000	52.204	371627.55	0.3944	P	0.6
4	☐	125.000	128.809	900453.05	0.9707	P	0.6
5	☐	250.000	248.945	1738867.86	1.8745	A	2.6
6	☐	500.000	508.704	3483005.47	3.8287	A	0.7
7	☐	1000.000	995.325	6848197.26	7.4896	A	1.0
8	☐			24798.72	0.0270	P	13.3

y = 0.0075 * x + 0.0017
R = 0.9999
DL = 0.02463
BEC = 0.2258

Weight: <None>
Min Conc: 0

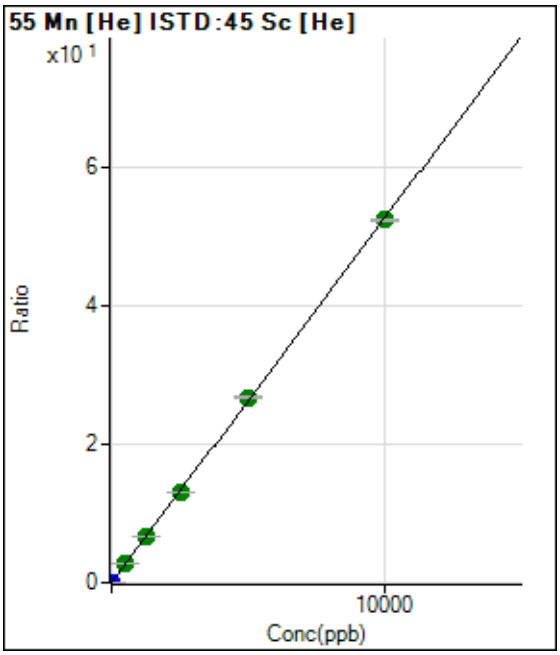


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2731.39	0.0028	P	3.2
2	☐	50.000	54.987	20416.14	0.0213	P	0.6
3	☐	2500.000	2822.930	894908.82	0.9498	P	1.0
4	☐	6250.000	6773.821	2110534.97	2.2752	A	1.0
5	☐	12500.000	13269.111	4131881.15	4.4541	A	0.6
6	☐	25000.000	26919.594	8217778.42	9.0334	A	0.9
7	☐	50000.000	52579.587	16130926.70	17.6414	A	0.8
8	☐	250000.00	249237.34	76634490.53	83.6128	A	0.7

y = 3.3546E-004 * x + 0.0028
R = 0.9999
DL = 0.8081
BEC = 8.477

Weight: <None>
Min Conc: 0

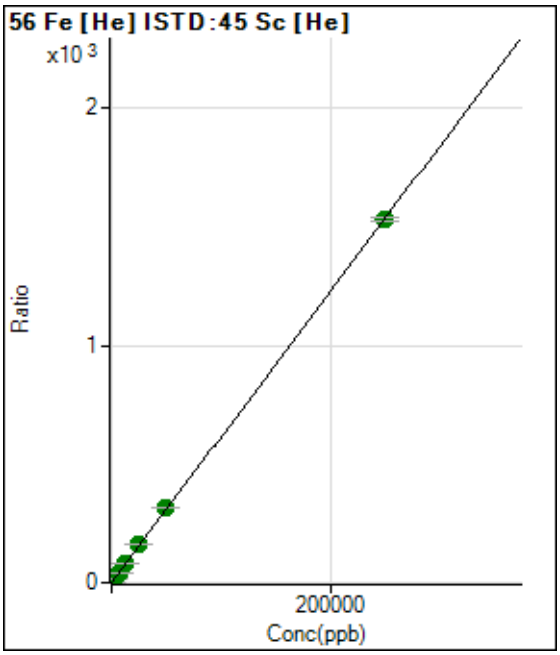
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1155.62	0.0012	P	6.2
2	☐	1.000	1.025	6326.94	0.0066	P	1.7
3	☐	500.000	506.223	2510828.52	2.6649	A	0.4
4	☐	1250.000	1273.311	6216223.45	6.7013	A	1.1
5	☐	2500.000	2492.422	12167315.65	13.1162	A	0.7
6	☐	5000.000	5076.191	24299906.58	26.7119	A	1.3
7	☐	10000.000	9960.574	47926282.06	52.4133	A	0.2
8	☐			25585.17	0.0279	P	0.7

y = 0.0053 * x + 0.0012
R = 1.0000
DL = 0.04259
BEC = 0.2286

Weight: <None>
Min Conc: 0

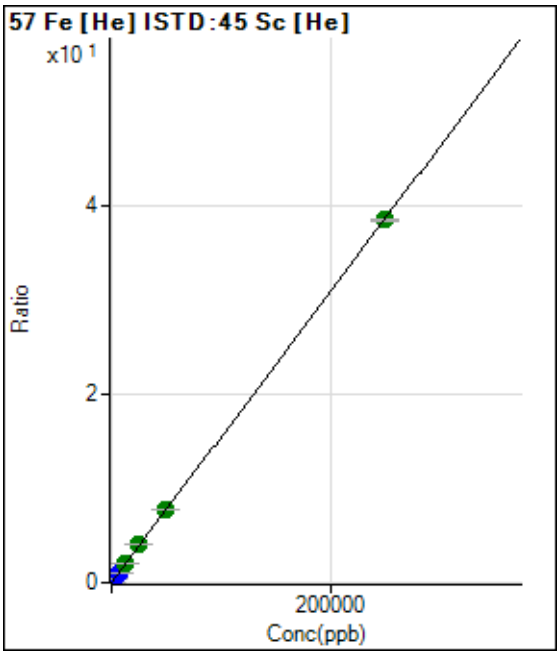


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26531.83	0.0276	P	31.0
2	☐	50.000	52.894	337614.69	0.3521	P	0.5
3	☐	2500.000	2662.703	15413588.24	16.3596	A	1.0
4	☐	6250.000	6633.218	37765464.44	40.7131	A	0.9
5	☐	12500.000	13108.169	74607397.77	80.4279	A	1.7
6	☐	25000.000	26485.906	147811657.80	162.4815	A	1.2
7	☐	50000.000	51250.848	287461935.72	314.3797	A	0.7
8	☐	250000.00	249559.62	1402939925.7	1,530.725	A	1.2

y = 0.0061 * x + 0.0276
R = 1.0000
DL = 4.193
BEC = 4.504

Weight: <None>
Min Conc: 0

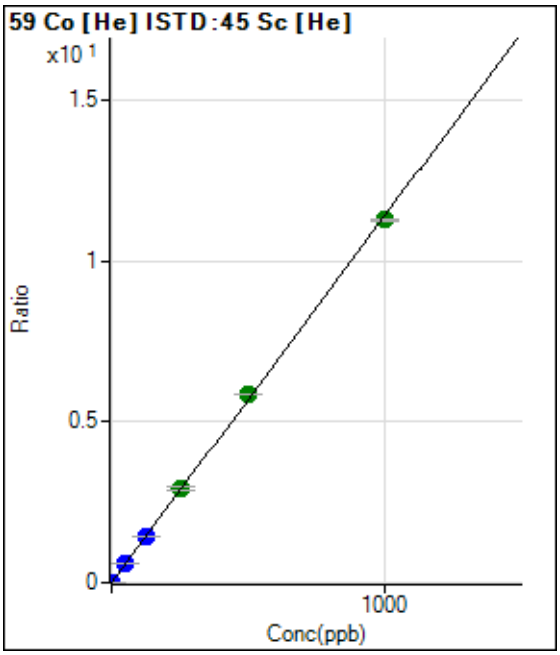
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2704.79	0.0028	P	10.0
2	☐	50.000	54.042	10669.42	0.0111	P	0.8
3	☐	2500.000	2766.701	403472.48	0.4282	P	1.0
4	☐	6250.000	6829.810	976764.48	1.0530	P	0.1
5	☐	12500.000	13063.315	1865663.58	2.0115	A	2.8
6	☐	25000.000	26295.829	3680742.58	4.0462	A	1.1
7	☐	50000.000	50212.924	7062318.78	7.7237	A	1.1
8	☐	250000.00	249782.50	35205467.81	38.4103	A	0.5

y = 1.5376E-004 * x + 0.0028
R = 1.0000
DL = 5.513
BEC = 18.31

Weight: <None>
Min Conc: 0

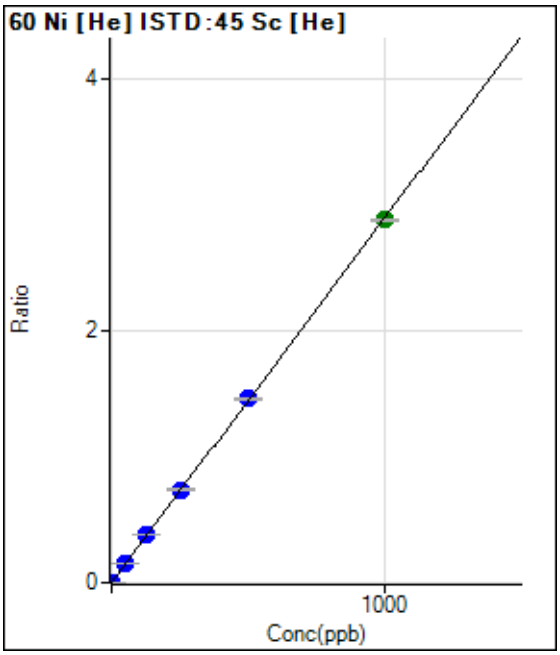


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.68	0.0002	P	40.2
2	☐	1.000	1.034	11481.15	0.0120	P	1.3
3	☐	50.000	51.795	555483.12	0.5896	P	1.0
4	☐	125.000	128.197	1353314.60	1.4589	P	0.3
5	☐	250.000	257.379	2716177.95	2.9289	A	3.7
6	☐	500.000	515.280	5334300.06	5.8635	A	0.1
7	☐	1000.000	990.026	10301005.96	11.2656	A	0.6
8	☐			26752.81	0.0292	P	0.6

y = 0.0114 * x + 2.0492E-004
R = 0.9998
DL = 0.0217
BEC = 0.01801

Weight: <None>
Min Conc: 0

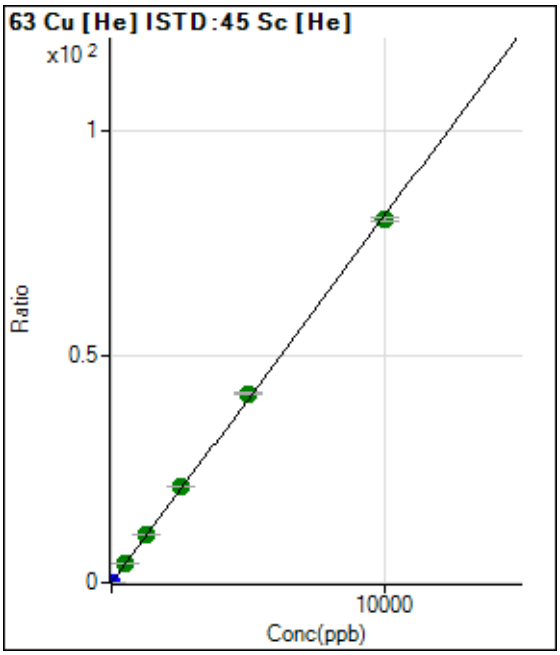
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	354.45	0.0004	P	1.5
2	☐	1.000	1.061	3298.17	0.0034	P	0.8
3	☐	50.000	52.506	143566.32	0.1524	P	1.0
4	☐	125.000	129.814	348957.12	0.3762	P	0.2
5	☐	250.000	255.172	685496.84	0.7391	P	2.4
6	☐	500.000	504.197	1328258.65	1.4601	P	0.4
7	☐	1000.000	995.881	2636721.57	2.8835	A	0.3
8	☐			10725.01	0.0117	P	3.0

y = 0.0029 * x + 3.6900E-004
R = 1.0000
DL = 0.005624
BEC = 0.1275

Weight: <None>
Min Conc: 0

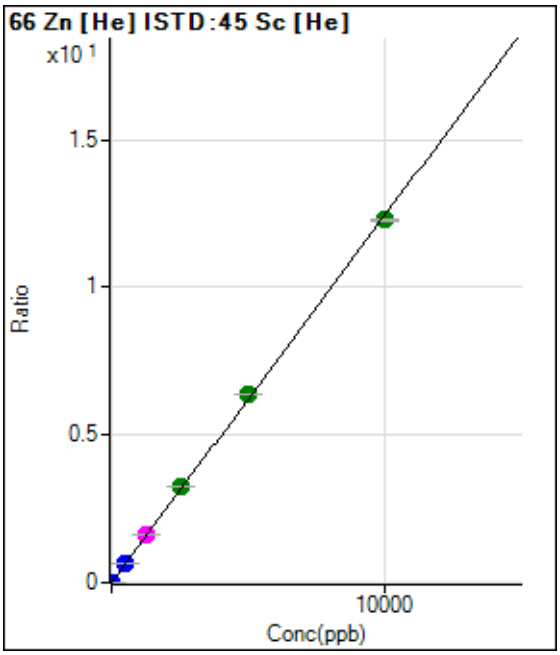


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5239.91	0.0055	P	5.1
2	☐	2.000	1.632	17928.59	0.0187	P	1.0
3	☐	500.000	536.908	4108521.05	4.3607	A	1.9
4	☐	1250.000	1307.825	9845756.31	10.6141	A	0.6
5	☐	2500.000	2609.197	19640977.07	21.1704	A	0.7
6	☐	5000.000	5156.486	38055728.32	41.8331	A	0.8
7	☐	10000.000	9885.384	73324315.57	80.1923	A	1.2
8	☐			18133.29	0.0198	P	2.1

y = 0.0081 * x + 0.0055
R = 0.9997
DL = 0.1025
BEC = 0.6725

Weight: <None>
Min Conc: 0

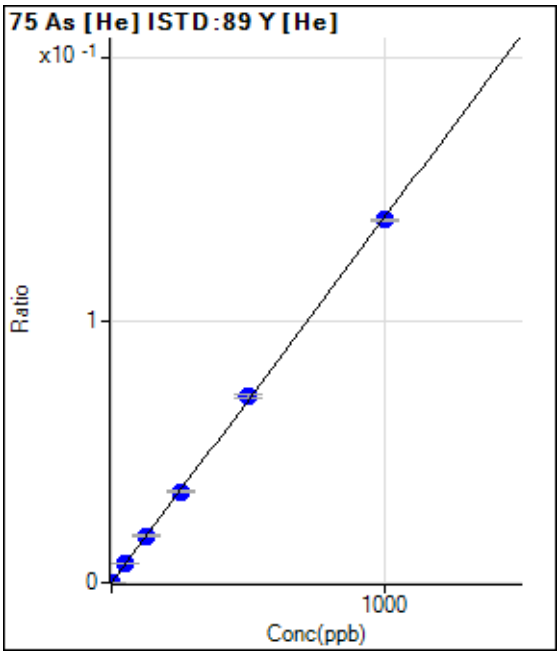
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2660.27	0.0028	P	3.3
2	☐	2.000	6.056	9871.12	0.0103	P	3.6
3	☐	500.000	529.733	622606.79	0.6608	P	0.8
4	☐	1250.000	1305.084	1506392.51	1.6240	M	0.7
5	☐	2500.000	2628.462	3031895.30	3.2679	A	0.7
6	☐	5000.000	5138.717	5809859.50	6.3862	A	0.1
7	☐	10000.000	9890.153	11236379.55	12.2886	A	0.6
8	☐			7696.49	0.0084	P	1.0

y = 0.0012 * x + 0.0028
R = 0.9998
DL = 0.2196
BEC = 2.23

Weight: <None>
Min Conc: 0

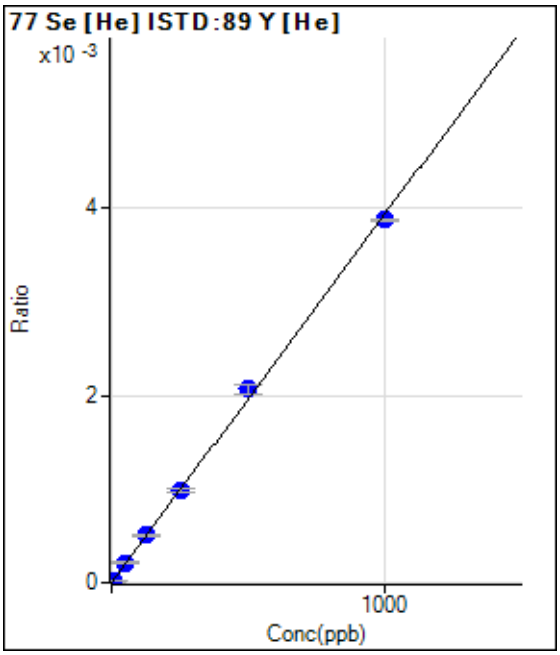


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	69.0
2	☐	1.000	1.031	858.92	0.0001	P	4.8
3	☐	50.000	51.441	41856.60	0.0072	P	0.7
4	☐	125.000	128.510	103509.85	0.0179	P	1.0
5	☐	250.000	249.988	202009.95	0.0348	P	2.4
6	☐	500.000	511.847	404912.03	0.0712	P	1.7
7	☐	1000.000	993.569	785874.51	0.1383	P	0.3
8	☐			405.57	0.0001	P	7.2

y = 1.3916E-004 * x + 9.4358E-007
R = 0.9999
DL = 0.01403
BEC = 0.00678

Weight: <None>
Min Conc: 0

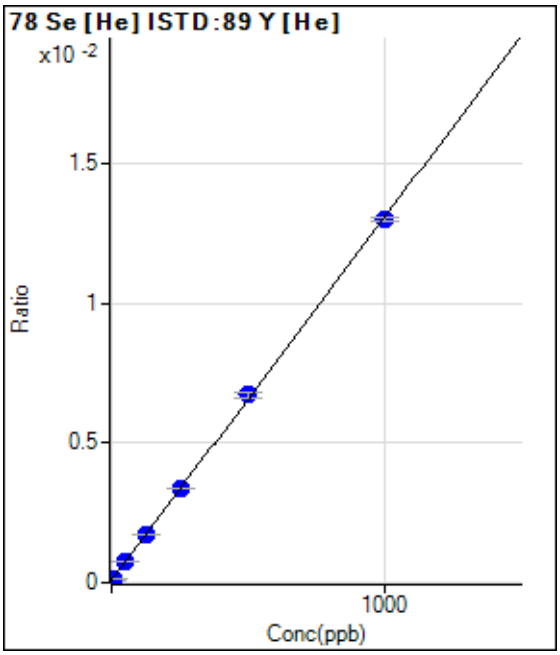
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.085	120.00	0.0000	P	13.2
3	☐	50.000	54.805	1261.18	0.0002	P	5.5
4	☐	125.000	129.055	2939.21	0.0005	P	2.0
5	☐	250.000	251.881	5755.61	0.0010	P	3.8
6	☐	500.000	525.455	11743.65	0.0021	P	5.4
7	☐	1000.000	986.055	22045.39	0.0039	P	0.6
8	☐			5.56	0.0000	P	34.8

y = 3.9334E-006 * x + 1.8887E-007
R = 0.9995
DL = 0.2495
BEC = 0.04802

Weight: <None>
Min Conc: 0

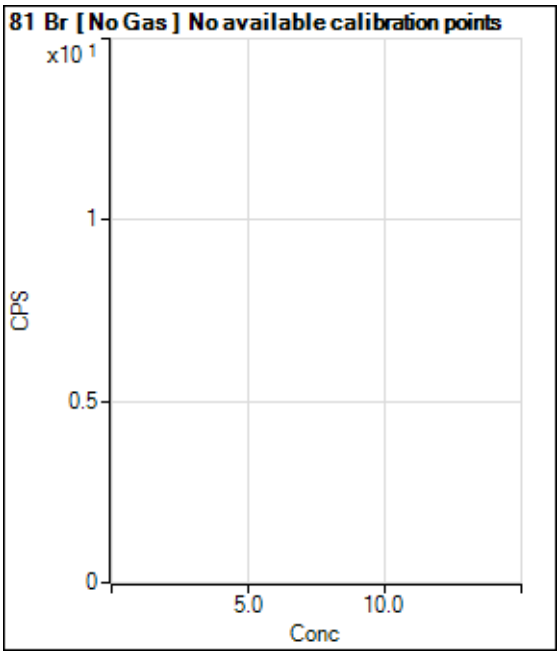


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	478.90	0.0001	P	8.3
2	☐	5.000	5.004	871.14	0.0001	P	6.4
3	☐	50.000	53.073	4505.17	0.0008	P	0.6
4	☐	125.000	128.261	10110.20	0.0017	P	0.6
5	☐	250.000	254.508	19668.75	0.0034	P	0.8
6	☐	500.000	510.406	38132.38	0.0067	P	2.3
7	☐	1000.000	993.109	73753.62	0.0130	P	1.1
8	☐			512.24	0.0001	P	2.2

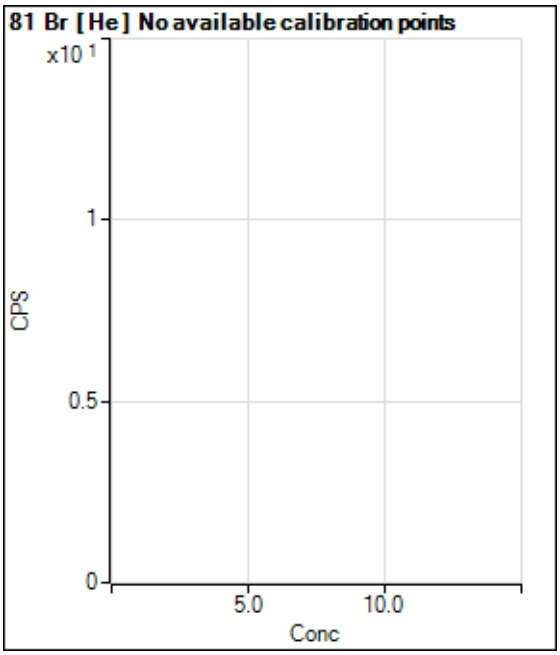
y = 1.2984E-005 * x + 8.1483E-005
R = 0.9999
DL = 1.561
BEC = 6.276

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

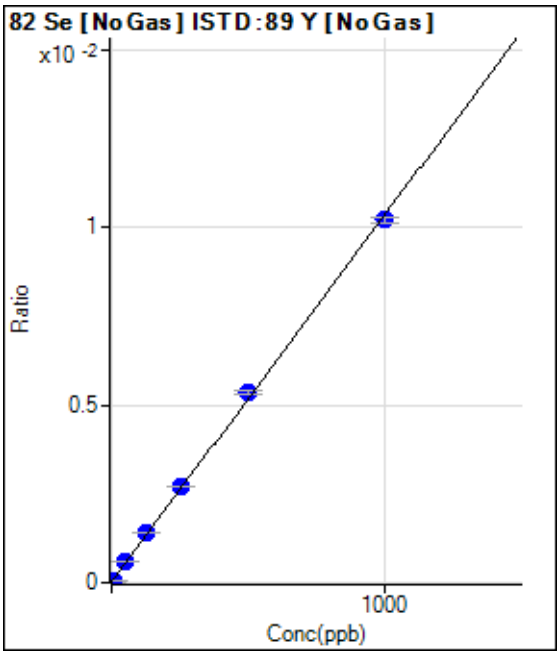


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11949.38		P	1.8
2	☐			11525.70		P	1.6
3	☐			11448.99		P	1.3
4	☐			11094.26		P	2.2
5	☐			10948.59		P	2.3
6	☐			10808.51		P	1.0
7	☐			11030.88		P	2.6
8	☐			12059.45		P	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			151.11		P	19.0
2	☐			88.89		P	18.9
3	☐			145.56		P	14.7
4	☐			84.44		P	12.1
5	☐			101.11		P	15.6
6	☐			94.45		P	17.4
7	☐			141.11		P	13.0
8	☐			186.67		P	3.6

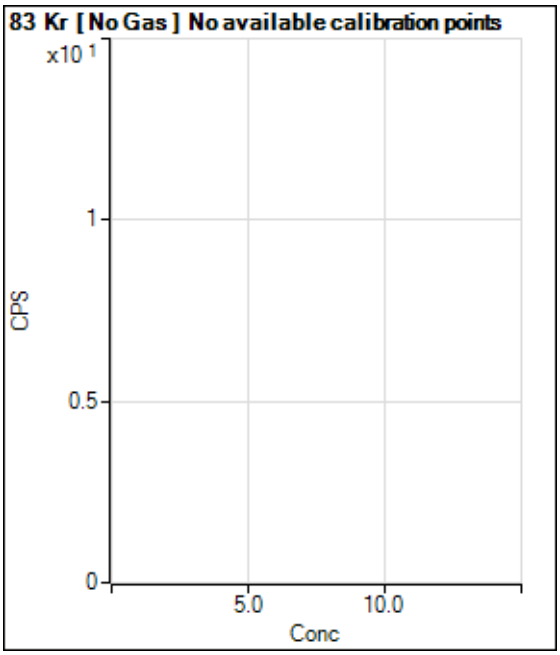
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.44	0.0000	P	12.3
2	☐	5.000	5.342	1848.29	0.0001	P	6.0
3	☐	50.000	54.568	14201.31	0.0006	P	0.6
4	☐	125.000	134.079	33858.82	0.0014	P	1.4
5	☐	250.000	262.429	66810.22	0.0027	P	0.3
6	☐	500.000	516.023	129680.17	0.0053	P	1.6
7	☐	1000.000	987.516	246451.81	0.0102	P	1.2
8	☐			735.51	0.0000	P	8.3

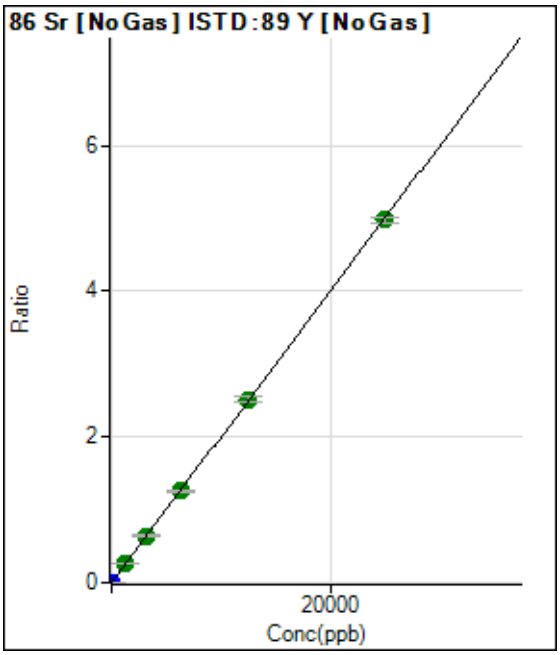
y = 1.0324E-005 * x + 2.0550E-005
R = 0.9997
DL = 0.7329
BEC = 1.99

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			365.56		P	9.5
2	☐			358.90		P	13.0
3	☐			380.01		P	19.3
4	☐			354.45		P	12.5
5	☐			367.79		P	5.3
6	☐			378.90		P	12.6
7	☐			362.23		P	7.4
8	☐			384.45		P	10.4

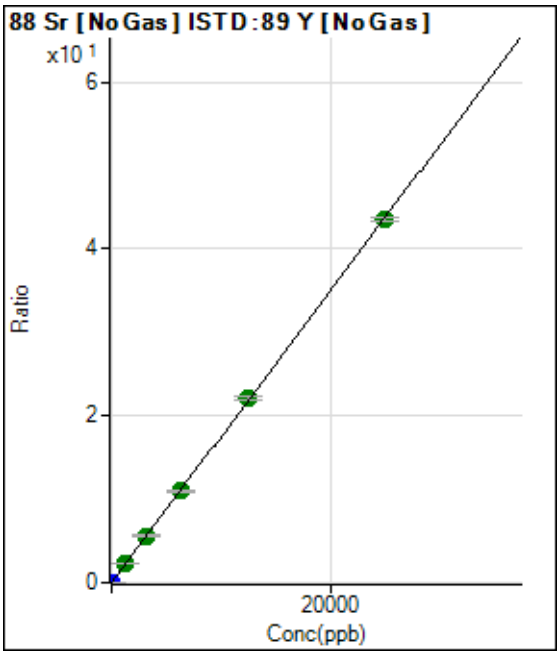
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.13	0.0000	P	8.9
2	☐	1.000	0.993	5463.28	0.0002	P	2.0
3	☐	1250.000	1289.746	6267659.91	0.2577	A	0.4
4	☐	3125.000	3218.250	15496895.60	0.6430	A	2.4
5	☐	6250.000	6320.275	30903361.76	1.2628	A	1.5
6	☐	12500.000	12589.077	60986216.87	2.5152	A	2.6
7	☐	25000.000	24924.249	120131888.21	4.9797	A	1.5
8	☐			21028.44	0.0009	P	3.3

y = 1.9979E-004 * x + 2.5250E-005
R = 1.0000
DL = 0.03383
BEC = 0.1264

Weight: <None>
Min Conc: 0

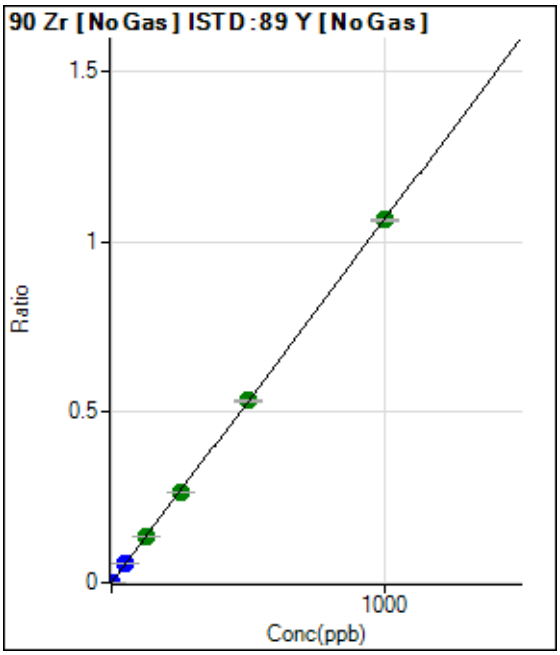


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	570.02	0.0000	P	1.0
2	☐	1.000	0.986	42628.40	0.0017	P	3.3
3	☐	1250.000	1287.749	54709368.63	2.2495	A	0.5
4	☐	3125.000	3216.593	135431442.43	5.6189	A	1.4
5	☐	6250.000	6289.455	268877911.55	10.9868	A	1.2
6	☐	12500.000	12661.071	536267938.67	22.1171	A	2.2
7	☐	25000.000	24896.264	1049269362.1	43.4902	A	1.0
8	☐			180812.31	0.0079	P	3.9

y = 0.0017 * x + 2.3547E-005
R = 1.0000
DL = 0.0004213
BEC = 0.01348

Weight: <None>
Min Conc: 0

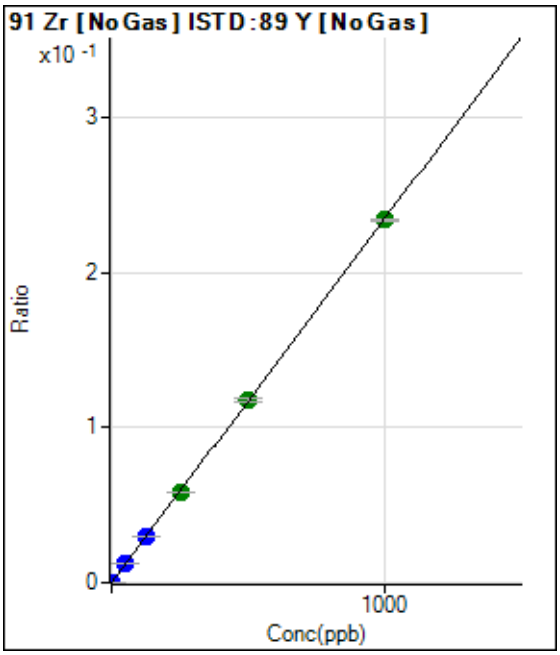
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1065.60	0.0000	P	11.3
2	☐	1.000	0.964	26186.77	0.0011	P	2.7
3	☐	50.000	50.629	1314135.75	0.0540	P	1.4
4	☐	125.000	127.004	3265600.37	0.1355	A	1.1
5	☐	250.000	248.282	6480994.97	0.2648	A	1.0
6	☐	500.000	502.313	12990237.31	0.5357	A	1.1
7	☐	1000.000	998.991	25704552.40	1.0654	A	0.5
8	☐			15427.18	0.0007	P	2.1

y = 0.0011 * x + 4.4023E-005
R = 1.0000
DL = 0.01397
BEC = 0.04128

Weight: <None>
Min Conc: 0

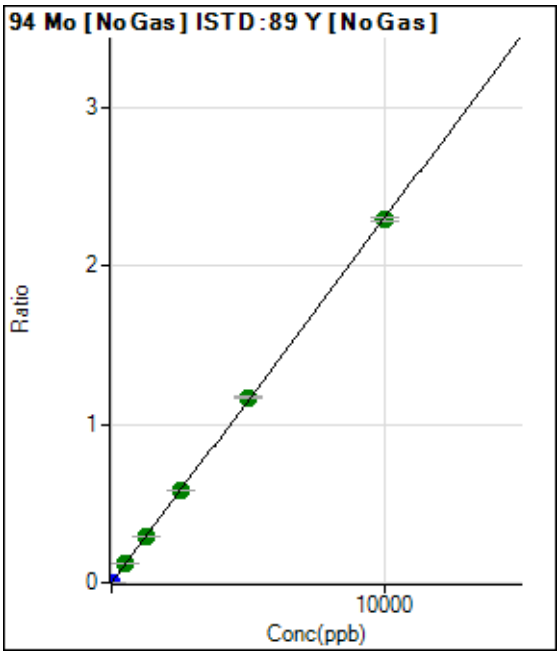


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	212.22	0.0000	P	14.2
2	☐	1.000	0.950	5644.47	0.0002	P	5.4
3	☐	50.000	51.148	291475.37	0.0120	P	0.8
4	☐	125.000	127.396	719168.98	0.0298	P	1.2
5	☐	250.000	249.253	1428544.67	0.0584	A	1.0
6	☐	500.000	503.992	2861457.56	0.1180	A	2.4
7	☐	1000.000	997.834	5637272.76	0.2336	A	0.4
8	☐			3491.57	0.0002	P	4.5

y = 2.3415E-004 * x + 8.7635E-006
R = 1.0000
DL = 0.0159
BEC = 0.03743

Weight: <None>
Min Conc: 0

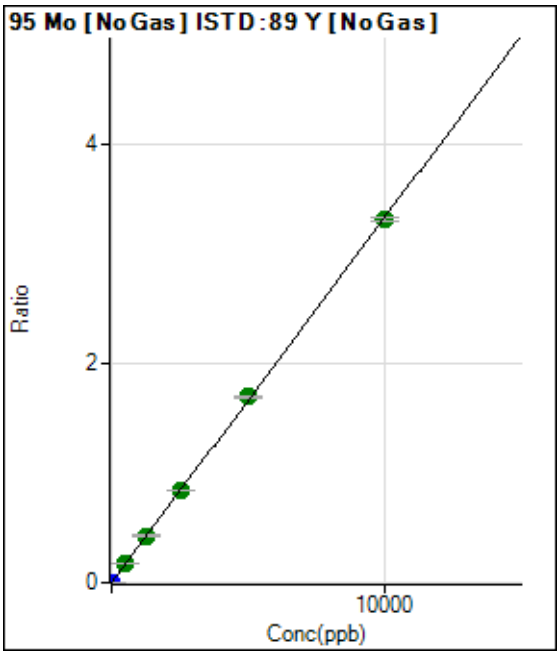
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	490.01	0.0000	P	14.6
2	☐	5.000	5.169	29557.65	0.0012	P	2.1
3	☐	500.000	508.430	2846611.76	0.1170	A	0.5
4	☐	1250.000	1274.634	7072198.78	0.2934	A	0.2
5	☐	2500.000	2529.736	14250715.90	0.5823	A	0.4
6	☐	5000.000	5070.866	28303167.08	1.1672	A	1.1
7	☐	10000.000	9953.632	55272376.95	2.2911	A	1.1
8	☐			13325.06	0.0006	P	3.7

y = 2.3017E-004 * x + 2.0249E-005
R = 1.0000
DL = 0.03854
BEC = 0.08797

Weight: <None>
Min Conc: 0

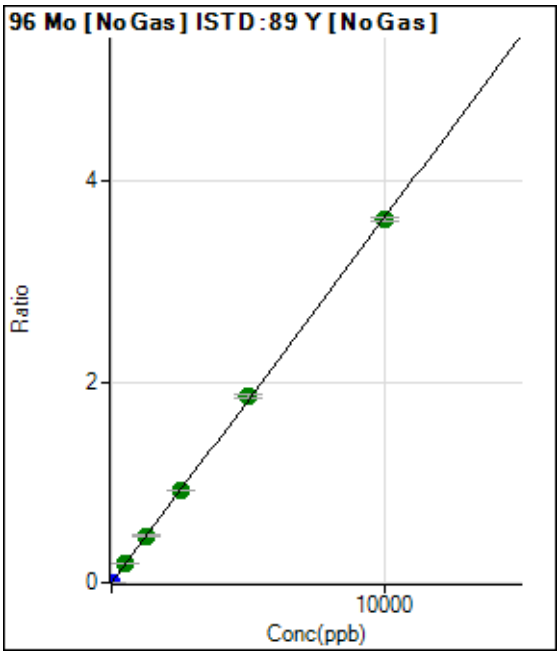


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207.78	0.0000	P	21.7
2	☐	5.000	4.406	35971.88	0.0015	P	4.2
3	☐	500.000	515.188	4164873.76	0.1713	A	1.0
4	☐	1250.000	1286.045	10303185.47	0.4275	A	1.4
5	☐	2500.000	2533.529	20609670.39	0.8421	A	0.4
6	☐	5000.000	5086.424	40997328.83	1.6907	A	1.7
7	☐	10000.000	9943.141	79733002.15	3.3050	A	1.2
8	☐			12660.01	0.0006	P	2.5

y = 3.3239E-004 * x + 8.5869E-006
R = 0.9999
DL = 0.01683
BEC = 0.02583

Weight: <None>
Min Conc: 0

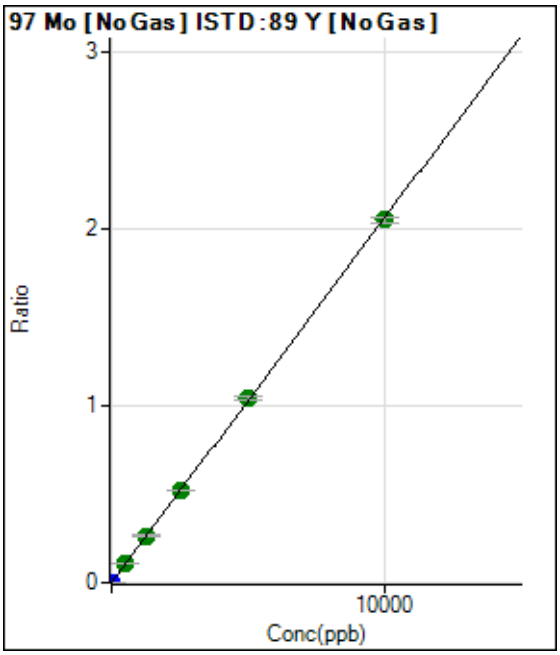
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	206.67	0.0000	P	11.7
2	☐	5.000	4.499	40156.20	0.0016	P	2.7
3	☐	500.000	513.786	4543071.29	0.1868	A	0.8
4	☐	1250.000	1290.478	11308847.19	0.4692	A	1.0
5	☐	2500.000	2535.102	22556455.50	0.9217	A	0.5
6	☐	5000.000	5092.993	44900536.00	1.8516	A	2.4
7	☐	10000.000	9938.979	87176480.92	3.6135	A	0.9
8	☐			23868.48	0.0010	P	1.7

y = 3.6356E-004 * x + 8.5403E-006
R = 0.9999
DL = 0.008274
BEC = 0.02349

Weight: <None>
Min Conc: 0

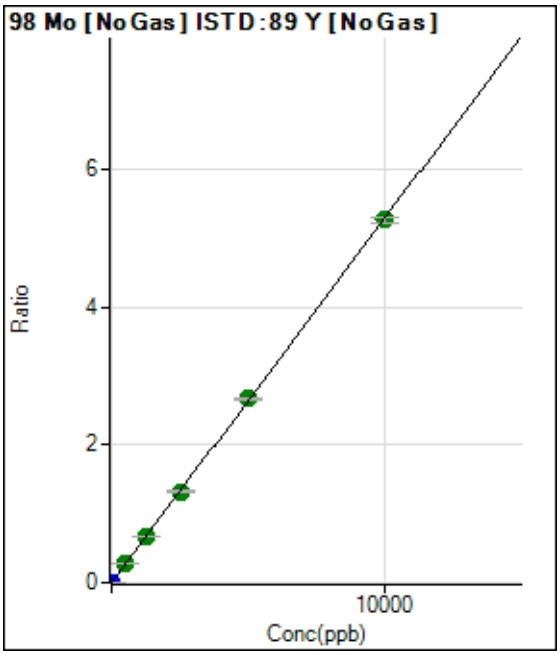


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.22	0.0000	P	1.9
2	☐	5.000	4.455	22553.03	0.0009	P	3.3
3	☐	500.000	513.184	2575338.21	0.1059	A	1.2
4	☐	1250.000	1284.254	6387129.14	0.2650	A	1.3
5	☐	2500.000	2530.530	12778837.17	0.5222	A	0.8
6	☐	5000.000	5076.624	25399681.29	1.0475	A	1.9
7	☐	10000.000	9949.115	49525584.82	2.0529	A	1.4
8	☐			7665.42	0.0003	P	4.8

y = 2.0634E-004 * x + 4.2226E-006
R = 0.9999
DL = 0.001183
BEC = 0.02046

Weight: <None>
Min Conc: 0

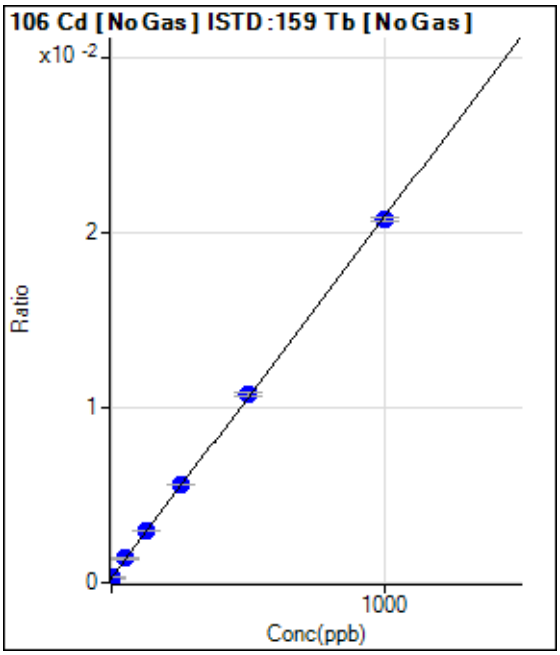
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.34	0.0000	P	9.9
2	☐	5.000	4.391	56970.56	0.0023	P	2.2
3	☐	500.000	511.576	6578245.25	0.2705	A	0.9
4	☐	1250.000	1273.023	16222899.62	0.6731	A	0.9
5	☐	2500.000	2507.569	32446414.79	1.3258	A	0.1
6	☐	5000.000	5061.984	64895494.59	2.6763	A	1.3
7	☐	10000.000	9963.659	127084406.99	5.2679	A	1.9
8	☐			19043.69	0.0008	P	8.3

y = 5.2871E-004 * x + 1.0462E-005
R = 1.0000
DL = 0.005896
BEC = 0.01979

Weight: <None>
Min Conc: 0

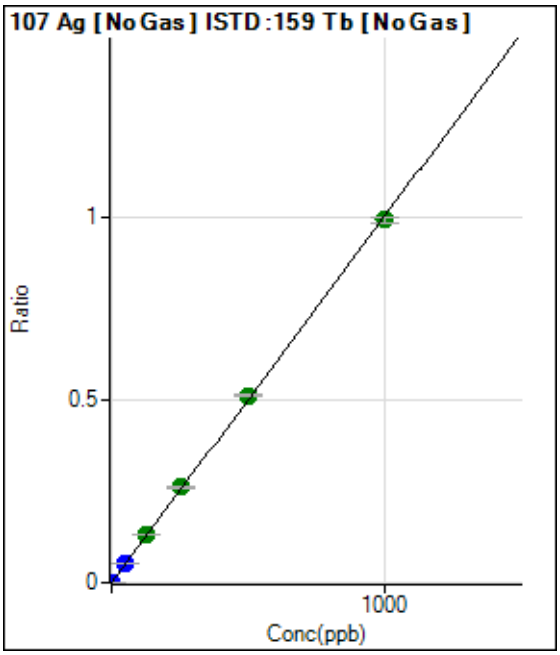


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4710.81	0.0003	P	0.6
2	☐	1.000	0.844	5059.82	0.0003	P	1.4
3	☐	50.000	53.648	23720.58	0.0014	P	2.4
4	☐	125.000	132.031	51914.60	0.0030	P	0.4
5	☐	250.000	257.622	97079.65	0.0056	P	0.8
6	☐	500.000	509.274	187300.54	0.0108	P	1.2
7	☐	1000.000	992.396	356144.00	0.0207	P	1.1
8	☐			4700.80	0.0003	P	1.3

y = 2.0594E-005 * x + 2.7424E-004
R = 0.9999
DL = 0.2424
BEC = 13.32

Weight: <None>
Min Conc: 0

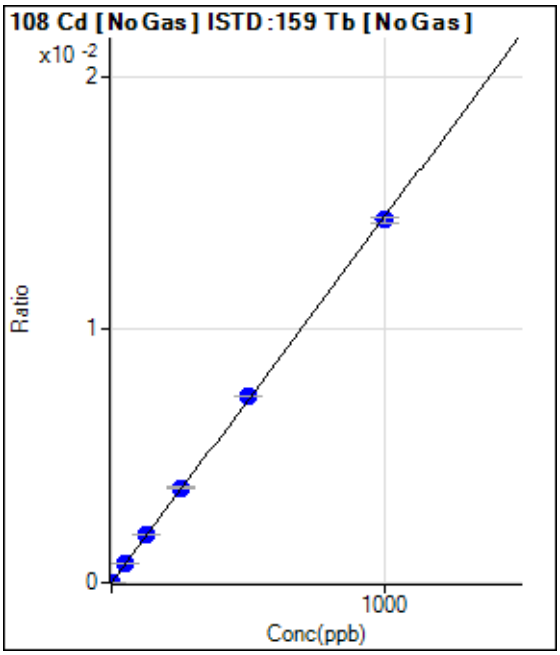
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.11	0.0000	P	6.7
2	☐	1.000	0.939	16480.57	0.0009	P	0.7
3	☐	50.000	52.372	903688.59	0.0525	P	2.1
4	☐	125.000	131.473	2287347.40	0.1319	A	1.5
5	☐	250.000	261.373	4561421.91	0.2622	A	1.2
6	☐	500.000	511.247	8924781.18	0.5128	A	1.2
7	☐	1000.000	990.606	17085803.22	0.9936	A	1.6
8	☐			2430.23	0.0001	P	11.1

y = 0.0010 * x + 8.2127E-006
R = 0.9998
DL = 0.001634
BEC = 0.008188

Weight: <None>
Min Conc: 0

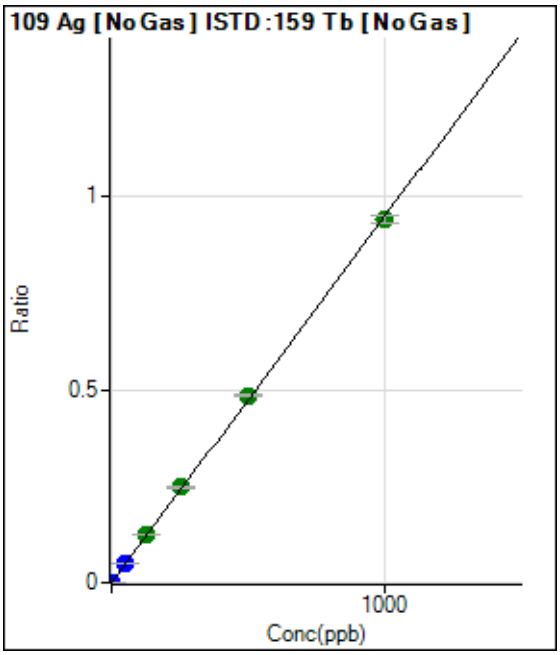


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	15.2
2	☐	1.000	0.971	255.56	0.0000	P	20.5
3	☐	50.000	54.057	13437.43	0.0008	P	3.8
4	☐	125.000	130.794	32770.32	0.0019	P	1.2
5	☐	250.000	258.223	64890.95	0.0037	P	1.9
6	☐	500.000	510.081	128208.54	0.0074	P	0.8
7	☐	1000.000	991.977	246328.38	0.0143	P	1.9
8	☐			101.11	0.0000	P	29.1

y = 1.4441E-005 * x + 7.1093E-007
R = 0.9999
DL = 0.02241
BEC = 0.04923

Weight: <None>
Min Conc: 0

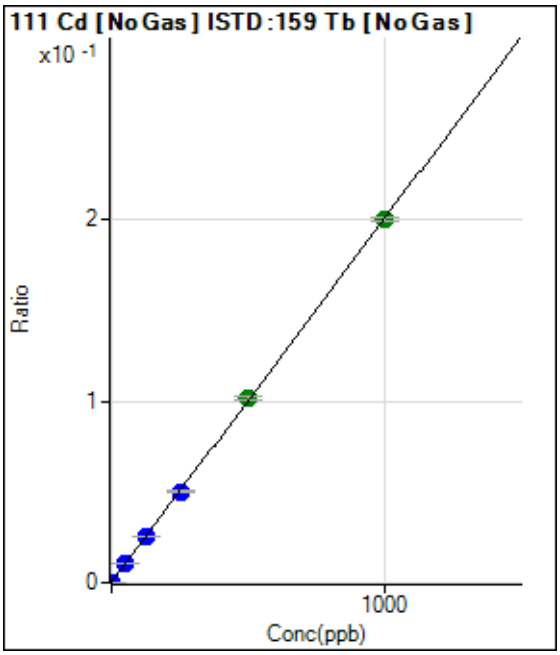
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.44	0.0000	P	3.2
2	☐	1.000	0.925	15278.15	0.0009	P	1.5
3	☐	50.000	52.039	847781.43	0.0493	P	2.7
4	☐	125.000	130.555	2144623.20	0.1237	A	0.6
5	☐	250.000	260.468	4292275.60	0.2467	A	0.6
6	☐	500.000	510.807	8419906.75	0.4838	A	1.0
7	☐	1000.000	991.183	16141195.59	0.9388	A	2.2
8	☐			2261.32	0.0001	P	11.6

y = 9.4712E-004 * x + 4.3342E-006
R = 0.9998
DL = 0.0004429
BEC = 0.004576

Weight: <None>
Min Conc: 0

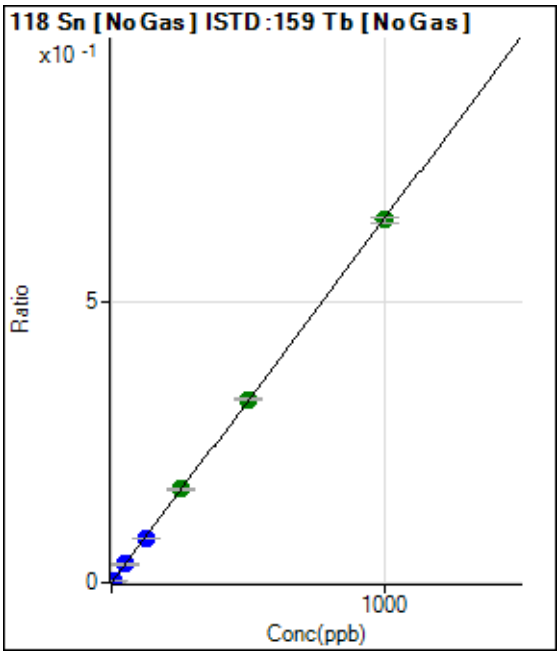


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3296.80	0.0002	P	0.5
2	☐	1.000	1.015	6860.11	0.0004	P	2.0
3	☐	50.000	51.798	181902.90	0.0106	P	1.7
4	☐	125.000	126.587	443438.49	0.0256	P	0.4
5	☐	250.000	249.501	873503.10	0.0502	P	1.3
6	☐	500.000	506.780	1771344.15	0.1018	A	1.3
7	☐	1000.000	996.446	3438112.96	0.1999	A	1.2
8	☐			3656.46	0.0002	P	1.9

y = 2.0046E-004 * x + 1.9192E-004
R = 1.0000
DL = 0.01442
BEC = 0.9574

Weight: <None>
Min Conc: 0

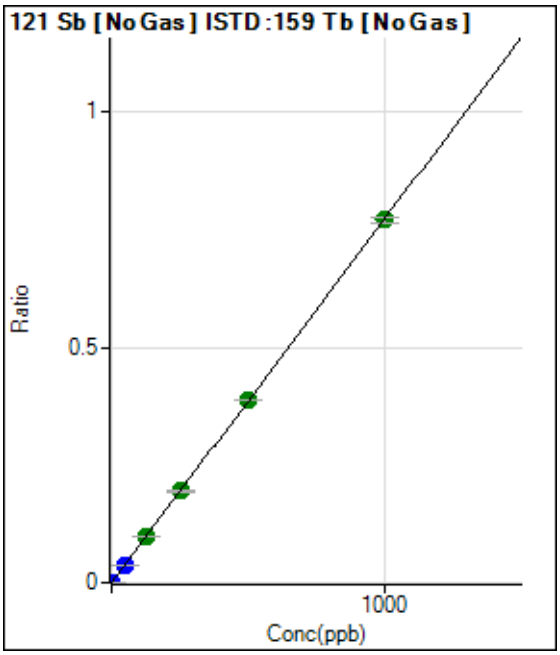
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2055.72	0.0001	P	1.6
2	☐	5.000	4.655	54464.67	0.0031	P	1.3
3	☐	50.000	50.085	560895.74	0.0326	P	1.6
4	☐	125.000	123.450	1390924.94	0.0802	P	0.4
5	☐	250.000	257.181	2904545.16	0.1669	A	1.8
6	☐	500.000	504.049	5692293.18	0.3271	A	0.2
7	☐	1000.000	996.371	11115933.17	0.6464	A	1.4
8	☐			6872.81	0.0004	P	0.3

y = 6.4867E-004 * x + 1.1967E-004
R = 1.0000
DL = 0.008726
BEC = 0.1845

Weight: <None>
Min Conc: 0

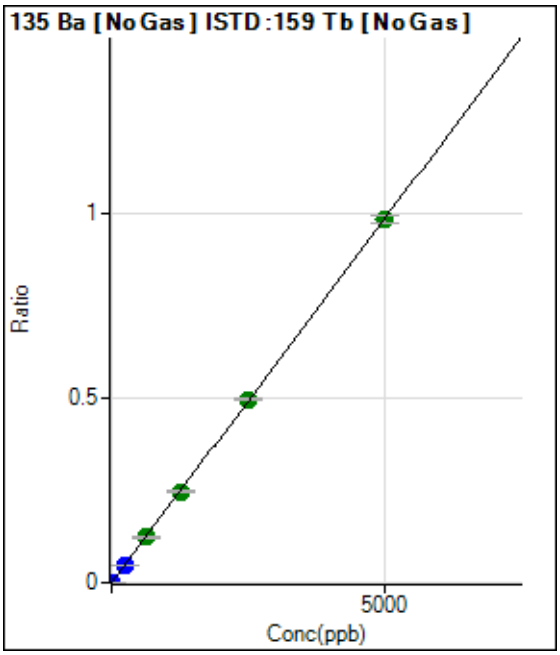


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	22.1
2	☐	2.000	1.875	25284.48	0.0015	P	2.4
3	☐	50.000	49.300	655302.92	0.0381	P	2.3
4	☐	125.000	127.386	1707130.84	0.0984	A	1.1
5	☐	250.000	253.063	3401953.32	0.1955	A	2.0
6	☐	500.000	501.917	6749119.00	0.3878	A	0.6
7	☐	1000.000	998.013	13259790.50	0.7711	A	1.5
8	☐			9355.35	0.0006	P	4.6

y = 7.7263E-004 * x + 8.7403E-006
R = 1.0000
DL = 0.007501
BEC = 0.01131

Weight: <None>
Min Conc: 0

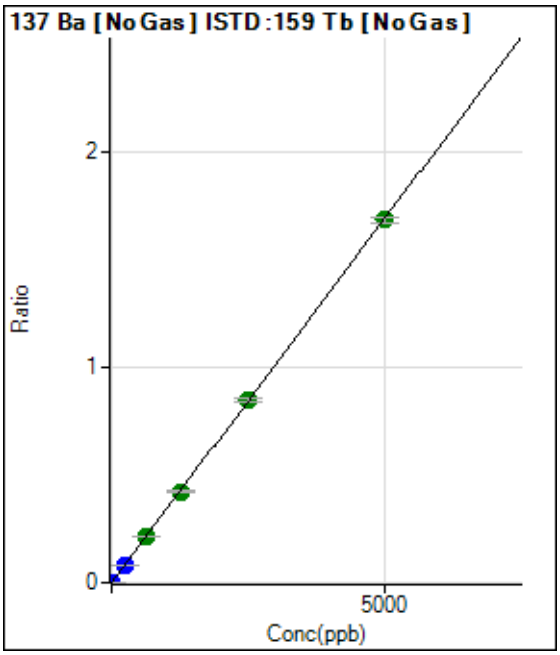
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	25.4
2	☐	10.000	8.936	30544.98	0.0018	P	1.5
3	☐	250.000	243.359	822636.58	0.0478	P	1.3
4	☐	625.000	623.562	2125020.73	0.1225	A	1.4
5	☐	1250.000	1250.359	4274575.32	0.2457	A	1.0
6	☐	2500.000	2521.199	8621647.02	0.4954	A	0.8
7	☐	5000.000	4989.825	16858076.42	0.9804	A	2.0
8	☐			6807.24	0.0004	P	0.9

y = 1.9649E-004 * x + 4.5236E-006
R = 1.0000
DL = 0.01751
BEC = 0.02302

Weight: <None>
Min Conc: 0

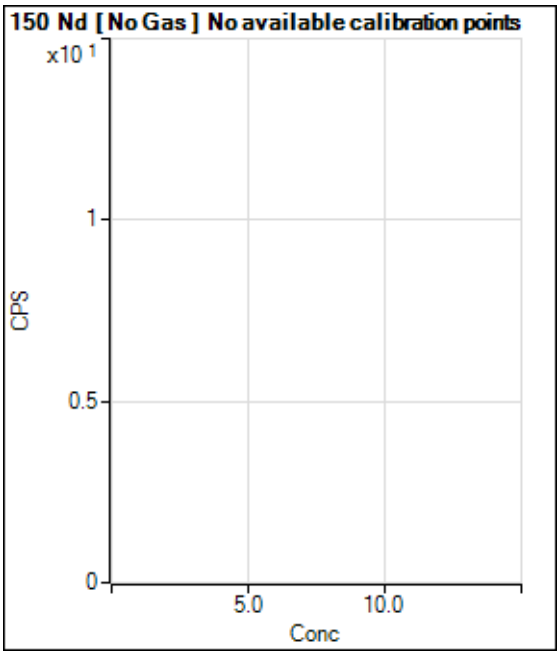


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	11.6
2	☐	10.000	9.057	53195.64	0.0031	P	0.4
3	☐	250.000	243.525	1415126.14	0.0823	P	1.2
4	☐	625.000	640.451	3752306.43	0.2163	A	0.6
5	☐	1250.000	1252.723	7362764.89	0.4232	A	0.8
6	☐	2500.000	2523.268	14833236.44	0.8524	A	2.1
7	☐	5000.000	4986.079	28960900.40	1.6843	A	1.4
8	☐			11905.09	0.0007	P	3.3

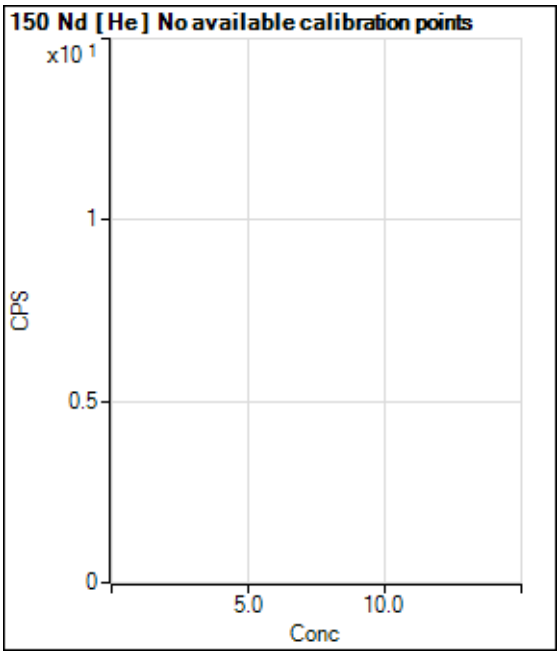
y = 3.3779E-004 * x + 6.4657E-006
R = 1.0000
DL = 0.006652
BEC = 0.01914

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

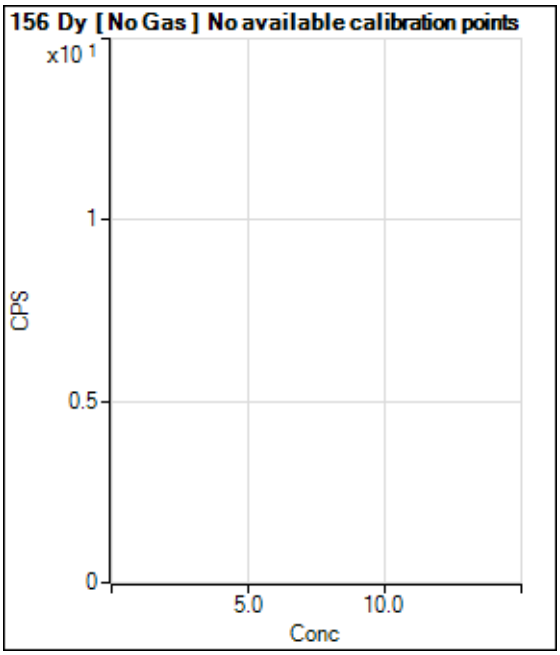


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	NaN
2	☐			20.00		P	44.1
3	☐			42.22		P	22.8
4	☐			90.00		P	9.8
5	☐			175.56		P	4.4
6	☐			300.01		P	17.5
7	☐			583.35		P	5.9
8	☐			230.00		P	16.5

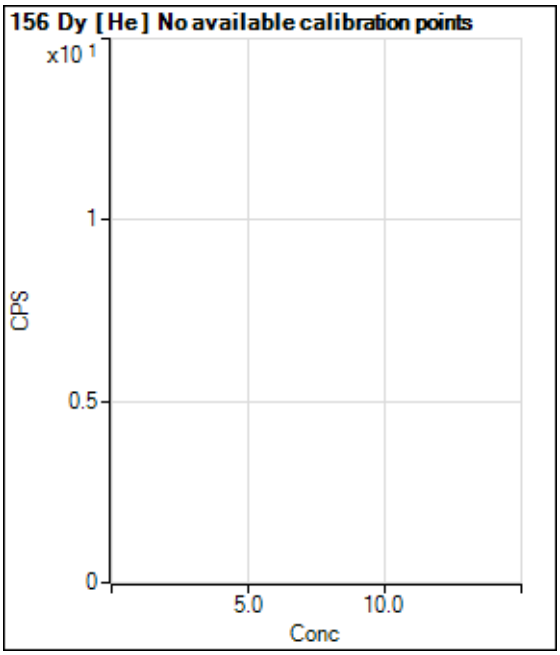


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	57.8
2	☐			6.66		P	86.6
3	☐			13.33		P	66.2
4	☐			28.89		P	46.6
5	☐			35.55		P	30.1
6	☐			68.89		P	24.4
7	☐			132.23		P	18.6
8	☐			146.67		P	14.2

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

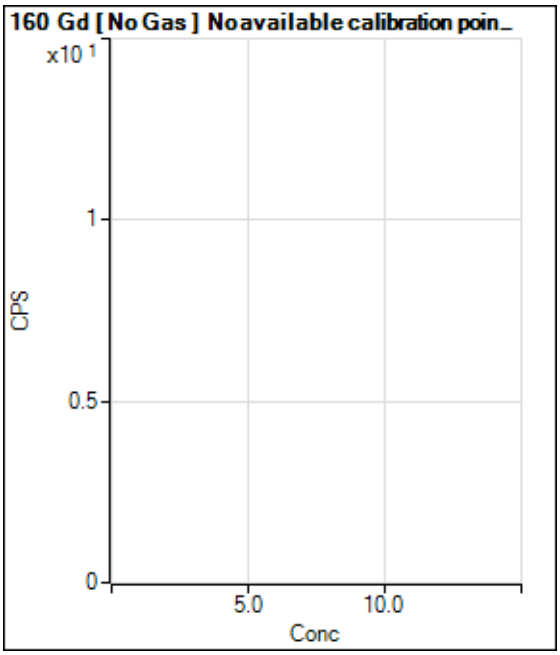


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16.67		P	52.9
2	☐			36.66		P	31.5
3	☐			36.67		P	15.7
4	☐			38.89		P	21.6
5	☐			86.67		P	17.6
6	☐			151.11		P	27.6
7	☐			246.67		P	10.6
8	☐			424.45		P	5.0

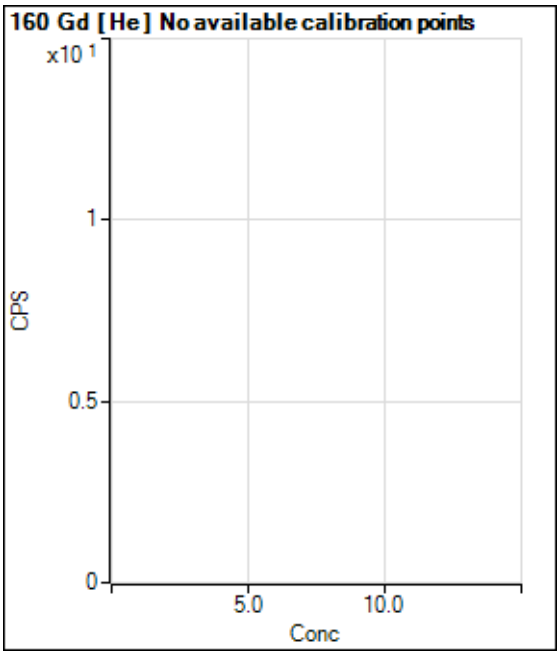


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			17.78		P	92.5
2	☐			8.89		P	21.6
3	☐			55.56		P	3.5
4	☐			101.11		P	28.0
5	☐			168.89		P	8.9
6	☐			350.01		P	13.2
7	☐			632.24		P	6.1
8	☐			356.67		P	2.8

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

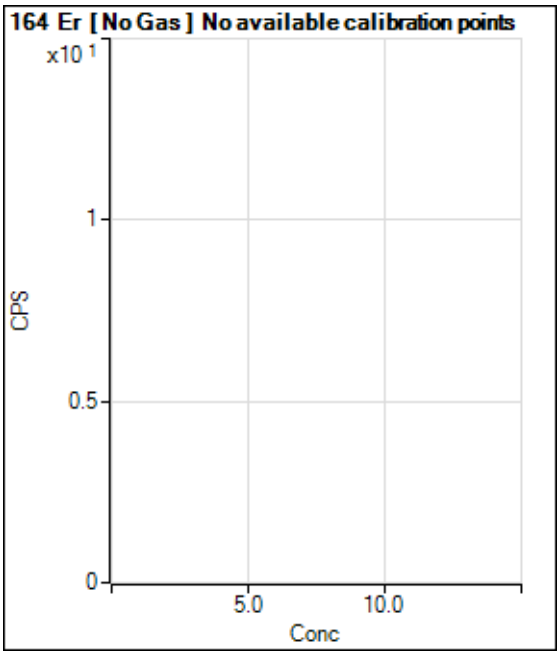


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			62.22		P	13.5
2	☐			84.45		P	16.0
3	☐			93.33		P	24.7
4	☐			97.78		P	29.4
5	☐			115.56		P	1.7
6	☐			138.89		P	20.0
7	☐			197.78		P	20.0
8	☐			437.79		P	1.9

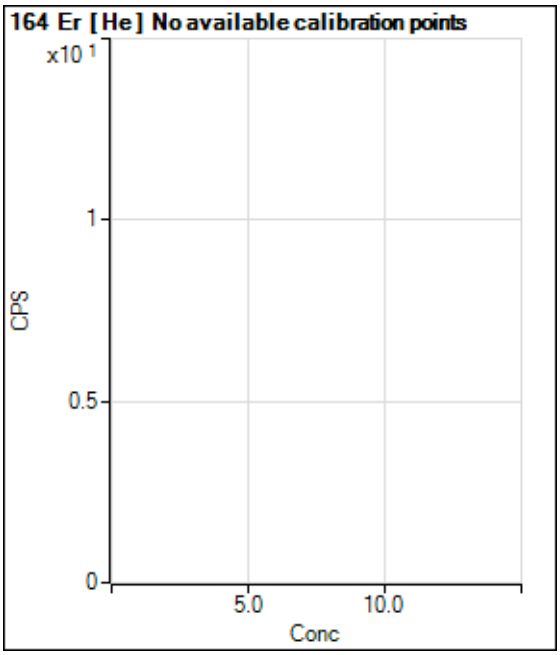


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			388.90		P	26.7
2	☐			332.23		P	21.8
3	☐			380.01		P	4.0
4	☐			365.57		P	0.5
5	☐			366.67		P	15.3
6	☐			386.67		P	9.1
7	☐			412.23		P	30.4
8	☐			626.69		P	8.6

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

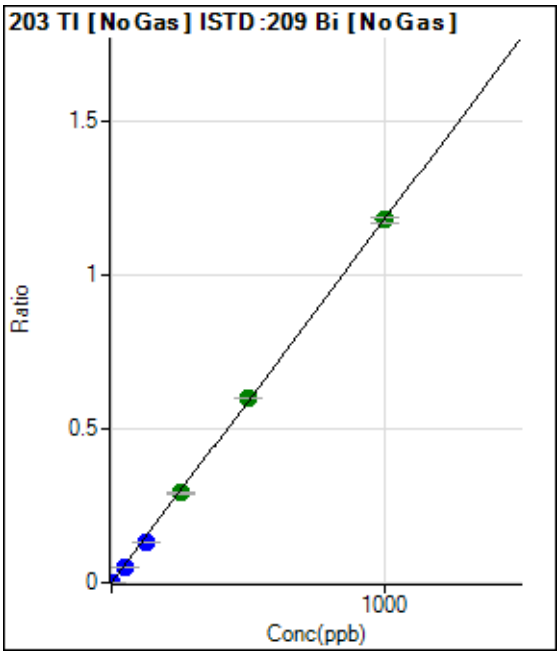


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			137.78		P	20.6
2	☐			121.11		P	22.2
3	☐			112.22		P	9.5
4	☐			168.89		P	9.7
5	☐			162.23		P	5.9
6	☐			187.78		P	5.4
7	☐			256.67		P	15.8
8	☐			553.35		P	6.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			88.89		P	22.0
2	☐			71.11		P	25.8
3	☐			86.67		P	13.9
4	☐			78.89		P	8.8
5	☐			108.89		P	10.7
6	☐			136.67		P	6.5
7	☐			161.11		P	10.6
8	☐			368.90		P	7.6

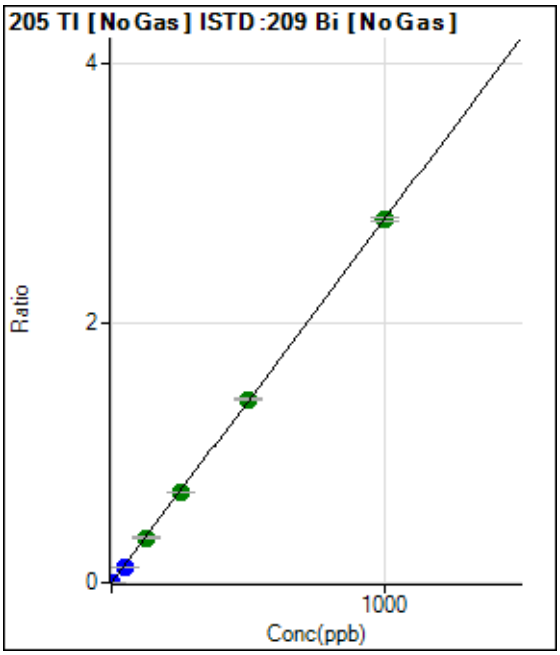
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.45	0.0000	P	6.6
2	☐	1.000	0.816	9769.13	0.0010	P	1.5
3	☐	50.000	44.034	518782.20	0.0520	P	1.2
4	☐	125.000	109.892	1294288.63	0.1297	P	1.9
5	☐	250.000	248.290	2913734.61	0.2931	A	2.2
6	☐	500.000	507.698	5833466.16	0.5993	A	0.4
7	☐	1000.000	998.765	11386043.86	1.1790	A	1.9
8	☐			1304.52	0.0002	P	8.6

y = 0.0012 * x + 1.3704E-005
R = 0.9998
DL = 0.0023
BEC = 0.01161

Weight: <None>
Min Conc: 0

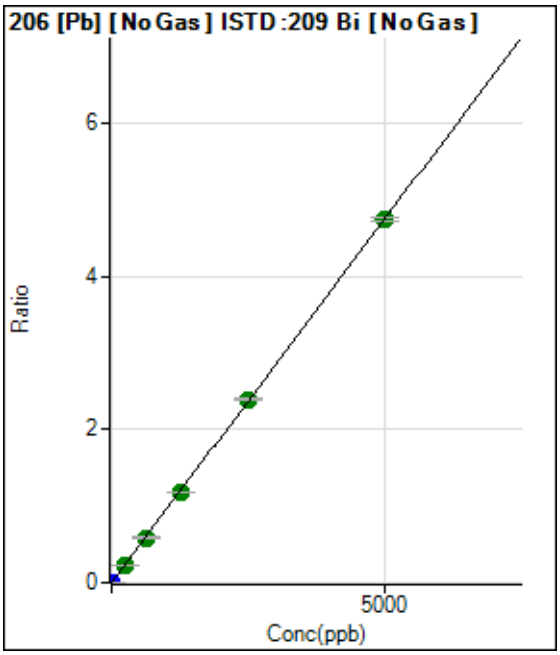


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.90	0.0000	P	6.4
2	☐	1.000	0.832	23666.22	0.0024	P	0.7
3	☐	50.000	44.059	1229255.82	0.1232	P	0.9
4	☐	125.000	124.268	3465607.69	0.3474	A	2.8
5	☐	250.000	248.019	6892986.49	0.6934	A	0.7
6	☐	500.000	504.769	13733103.55	1.4111	A	1.1
7	☐	1000.000	998.500	26956749.32	2.7912	A	1.0
8	☐			2979.25	0.0003	P	8.8

y = 0.0028 * x + 4.0646E-005
R = 1.0000
DL = 0.002803
BEC = 0.01454

Weight: <None>
Min Conc: 0

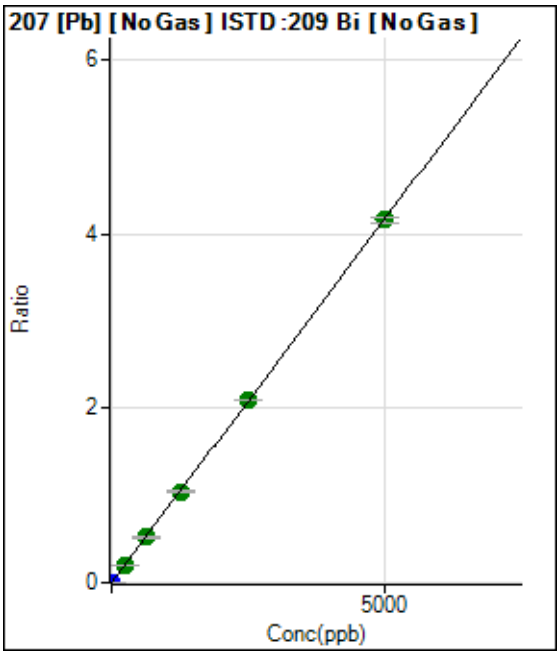
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.79	0.0001	P	9.6
2	☐	1.000	0.868	8739.55	0.0009	P	1.2
3	☐	250.000	247.926	2346324.60	0.2352	A	1.0
4	☐	625.000	620.535	5871438.32	0.5885	A	1.2
5	☐	1250.000	1246.211	11749386.91	1.1819	A	0.8
6	☐	2500.000	2519.688	23256698.26	2.3895	A	0.6
7	☐	5000.000	4991.765	45715797.10	4.7338	A	1.2
8	☐			7844.56	0.0009	P	2.3

y = 9.4832E-004 * x + 5.0714E-005
R = 1.0000
DL = 0.01537
BEC = 0.05348

Weight: <None>
Min Conc: 0

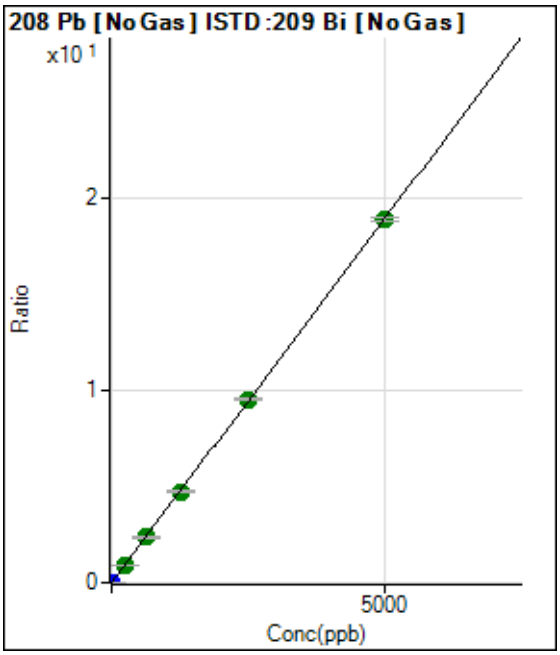


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	360.01	0.0000	P	7.8
2	☐	1.000	0.888	7776.73	0.0008	P	1.0
3	☐	250.000	248.050	2066000.16	0.2071	A	1.5
4	☐	625.000	622.520	5184364.75	0.5196	A	0.6
5	☐	1250.000	1256.103	10423459.08	1.0484	A	0.3
6	☐	2500.000	2512.092	20407052.06	2.0967	A	0.7
7	☐	5000.000	4992.836	40243441.34	4.1673	A	1.5
8	☐			6675.03	0.0008	P	5.3

y = 8.3464E-004 * x + 3.6676E-005
R = 1.0000
DL = 0.0103
BEC = 0.04394

Weight: <None>
Min Conc: 0

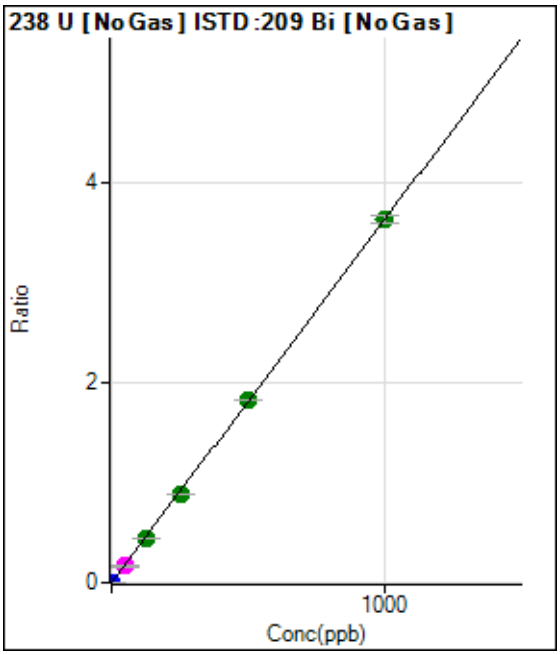
Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1852.29	0.0002	P	7.7
2	☐	1.000	0.877	35123.57	0.0035	P	0.8
3	☐	250.000	249.341	9426889.31	0.9448	A	1.0
4	☐	625.000	623.180	23555982.32	2.3611	A	1.2
5	☐	1250.000	1253.874	47227502.56	4.7505	A	1.0
6	☐	2500.000	2519.669	92909872.92	9.5459	A	0.6
7	☐	5000.000	4989.458	182548769.22	18.9027	A	1.2
8	☐			30838.44	0.0036	P	4.5

y = 0.0038 * x + 1.8871E-004
R = 1.0000
DL = 0.01156
BEC = 0.04981

Weight: <None>
Min Conc: 0

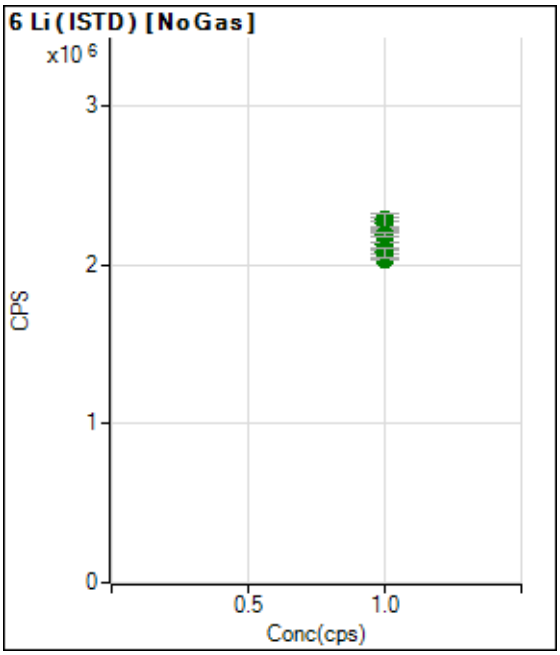


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	23.9
2	☐	1.000	0.799	28994.87	0.0029	P	1.4
3	☐	50.000	46.485	1681702.84	0.1686	M	8.8
4	☐	125.000	122.066	4416429.48	0.4427	A	1.5
5	☐	250.000	245.720	8859489.73	0.8911	A	0.1
6	☐	500.000	503.392	17768417.10	1.8256	A	0.5
7	☐	1000.000	999.917	35018125.03	3.6263	A	2.0
8	☐			2125.74	0.0002	P	10.5

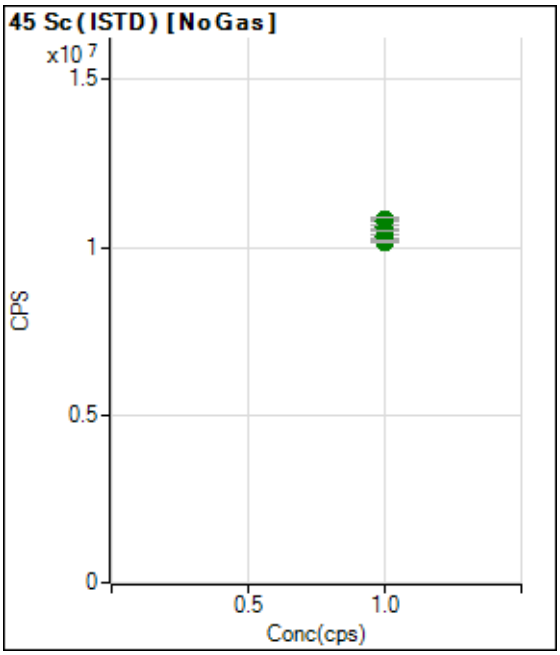
y = 0.0036 * x + 4.1940E-006
R = 1.0000
DL = 0.00083
BEC = 0.001156

Weight: <None>
Min Conc: 0

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

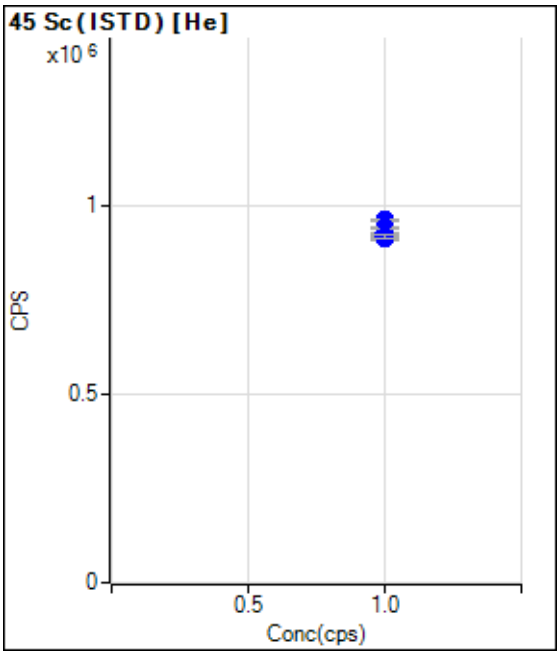


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2032677.90		A	0.4
2	☐	1.000		2080744.50		A	0.7
3	☐	1.000		2124146.88		A	1.5
4	☐	1.000		2237251.01		A	2.7
5	☐	1.000		2257621.91		A	3.4
6	☐	1.000		2280553.44		A	3.6
7	☐	1.000		2188241.62		A	1.0
8	☐	1.000		2077587.43		A	2.8

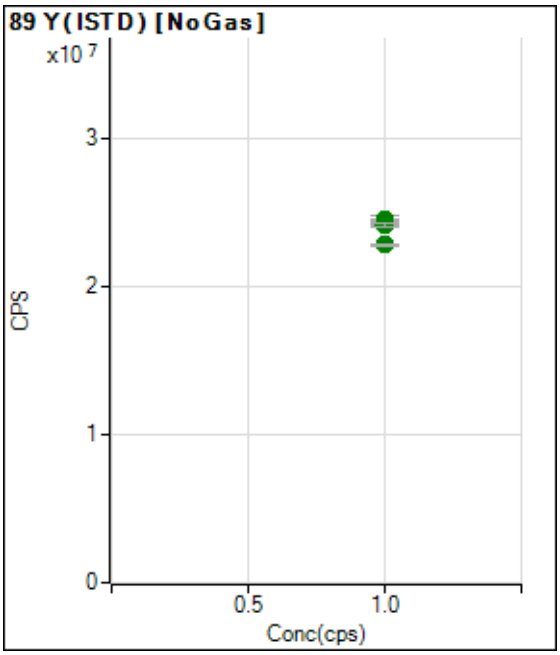


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10763484.98		A	1.3
2	☐	1.000		10817607.34		A	0.4
3	☐	1.000		10778989.28		A	2.0
4	☐	1.000		10593616.92		A	0.9
5	☐	1.000		10592505.26		A	1.0
6	☐	1.000		10327070.68		A	1.3
7	☐	1.000		10475390.05		A	0.2
8	☐	1.000		10167539.99		A	0.2

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

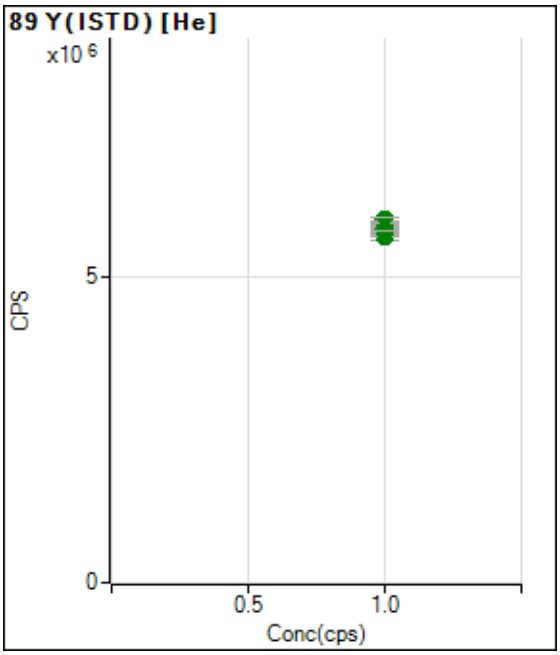


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		960588.10		P	0.7
2	☐	1.000		958973.74		P	0.3
3	☐	1.000		942175.86		P	0.0
4	☐	1.000		927605.15		P	0.3
5	☐	1.000		927716.32		P	1.8
6	☐	1.000		909743.29		P	0.9
7	☐	1.000		914399.12		P	0.6
8	☐	1.000		916562.12		P	0.7

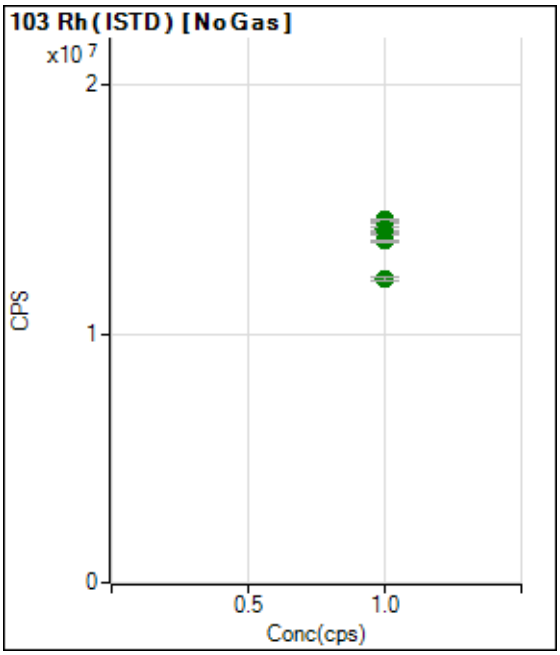


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		24207969.92		A	0.5
2	☐	1.000		24435034.91		A	2.4
3	☐	1.000		24320681.86		A	0.4
4	☐	1.000		24104169.36		A	1.0
5	☐	1.000		24473333.80		A	0.3
6	☐	1.000		24250376.31		A	1.1
7	☐	1.000		24126568.81		A	1.1
8	☐	1.000		22789652.16		A	0.6

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

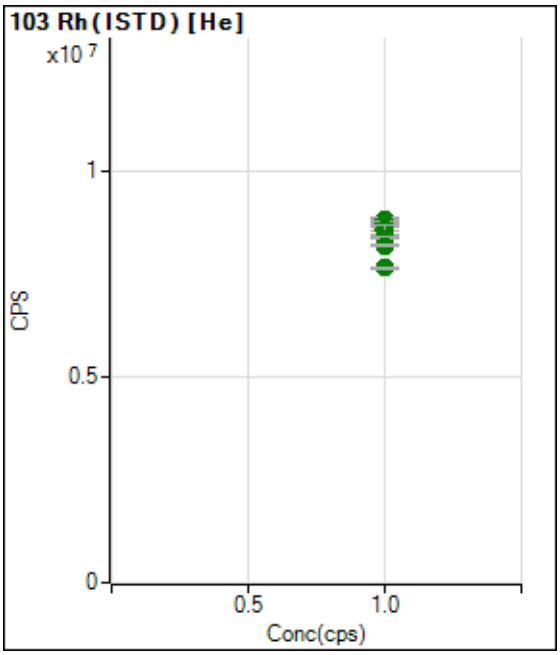


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5875919.98		A	0.4
2	☐	1.000		5949072.41		A	1.2
3	☐	1.000		5846217.76		A	0.7
4	☐	1.000		5787785.96		A	0.7
5	☐	1.000		5808820.96		A	2.5
6	☐	1.000		5685865.82		A	2.2
7	☐	1.000		5683648.67		A	0.3
8	☐	1.000		5770728.59		A	0.5

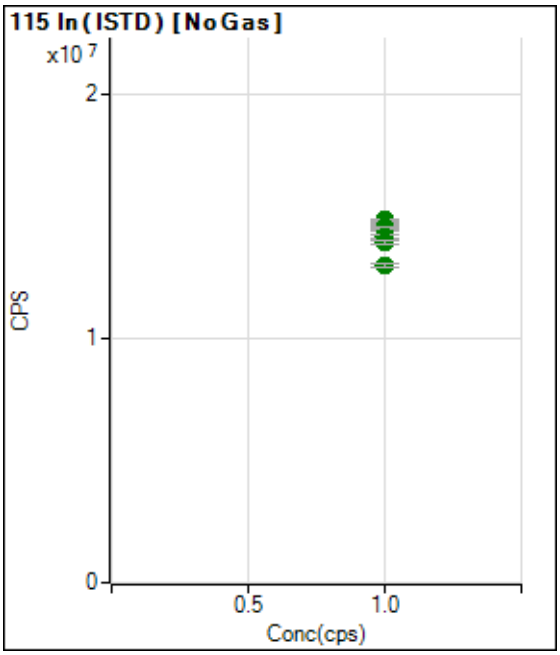


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14491263.12		A	0.5
2	☐	1.000		14536482.70		A	0.3
3	☐	1.000		14587182.01		A	0.5
4	☐	1.000		14227386.45		A	0.6
5	☐	1.000		14098331.46		A	0.3
6	☐	1.000		13987715.90		A	0.3
7	☐	1.000		13724494.10		A	1.1
8	☐	1.000		12231502.32		A	1.0

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

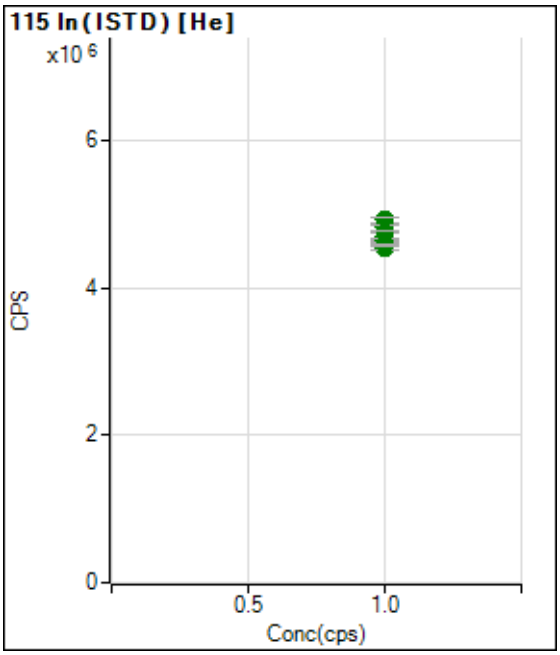


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8798735.42		A	0.9
2	☐	1.000		8821906.61		A	1.4
3	☐	1.000		8743989.31		A	1.4
4	☐	1.000		8611600.57		A	1.1
5	☐	1.000		8565802.23		A	2.6
6	☐	1.000		8384141.33		A	0.9
7	☐	1.000		8200679.18		A	0.9
8	☐	1.000		7655532.66		A	0.4

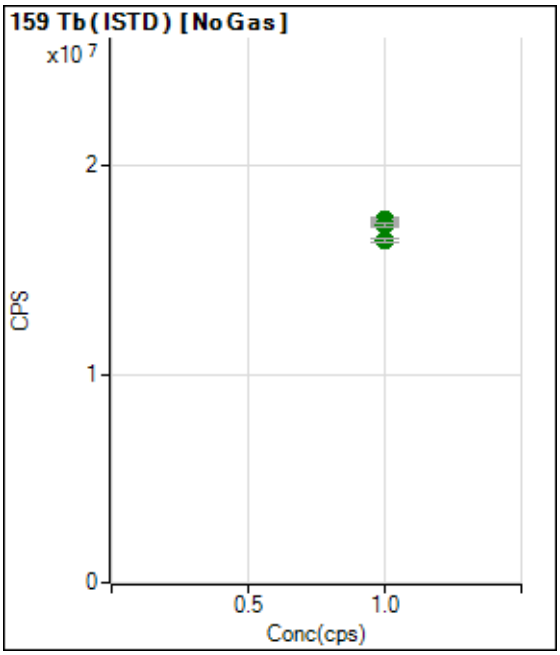


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14610883.19		A	1.4
2	☐	1.000		14871014.09		A	0.4
3	☐	1.000		14587061.50		A	1.2
4	☐	1.000		14597405.71		A	2.0
5	☐	1.000		14558649.59		A	0.3
6	☐	1.000		14204878.14		A	0.9
7	☐	1.000		13941763.11		A	0.8
8	☐	1.000		13041573.07		A	1.2

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

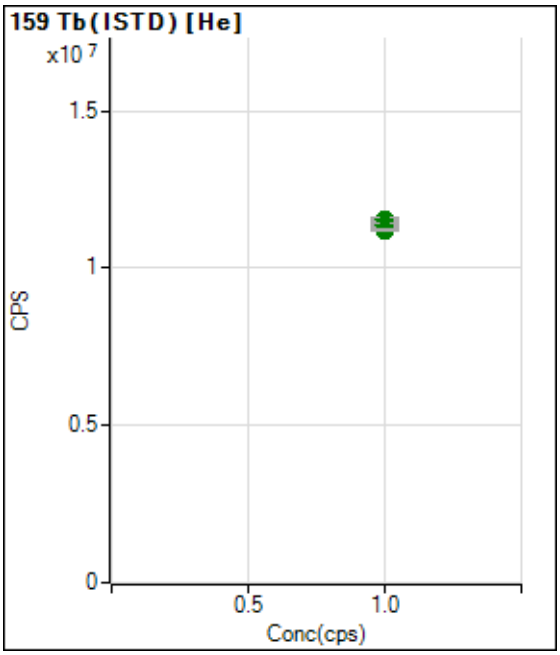


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4873293.13		A	0.6
2	☐	1.000		4922463.11		A	1.3
3	☐	1.000		4816523.29		A	1.5
4	☐	1.000		4758308.87		A	0.8
5	☐	1.000		4704255.99		A	2.8
6	☐	1.000		4649289.97		A	1.3
7	☐	1.000		4546875.66		A	1.0
8	☐	1.000		4582950.01		A	0.2

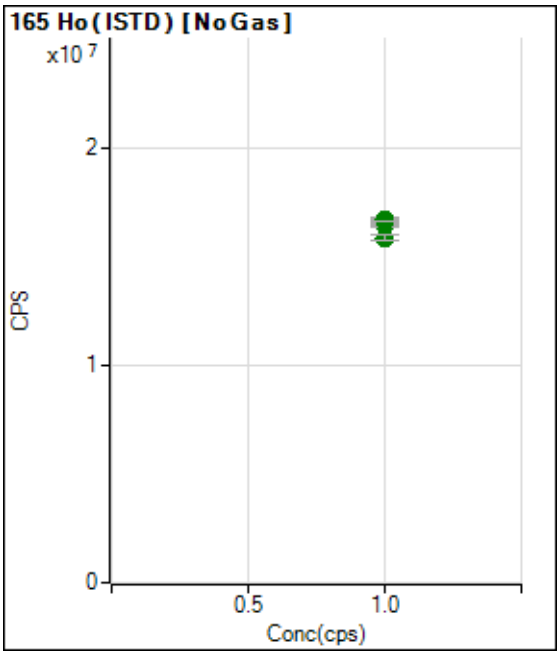


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17177962.80		A	0.6
2	☐	1.000		17351218.21		A	0.3
3	☐	1.000		17203036.69		A	1.2
4	☐	1.000		17343688.63		A	0.3
5	☐	1.000		17399475.16		A	1.0
6	☐	1.000		17403299.46		A	0.5
7	☐	1.000		17196646.13		A	1.1
8	☐	1.000		16410046.14		A	0.8

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

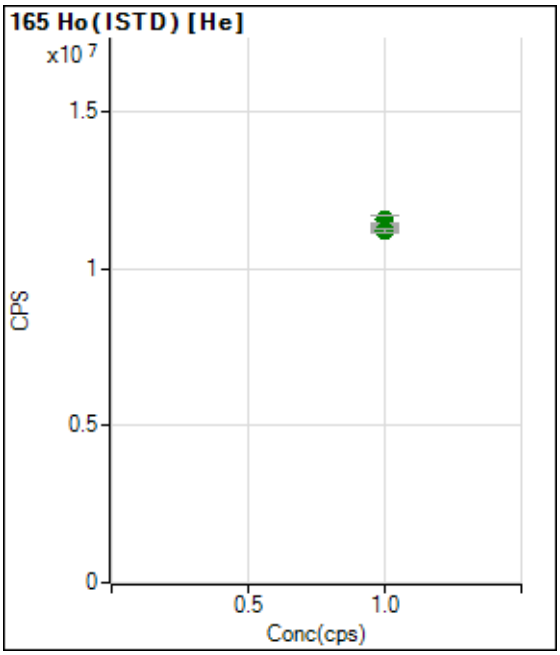


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11365198.44		A	0.4
2	☐	1.000		11438973.16		A	0.3
3	☐	1.000		11227118.86		A	0.8
4	☐	1.000		11445407.61		A	1.5
5	☐	1.000		11246452.61		A	1.6
6	☐	1.000		11531687.88		A	1.0
7	☐	1.000		11386873.17		A	1.1
8	☐	1.000		11201306.64		A	0.5

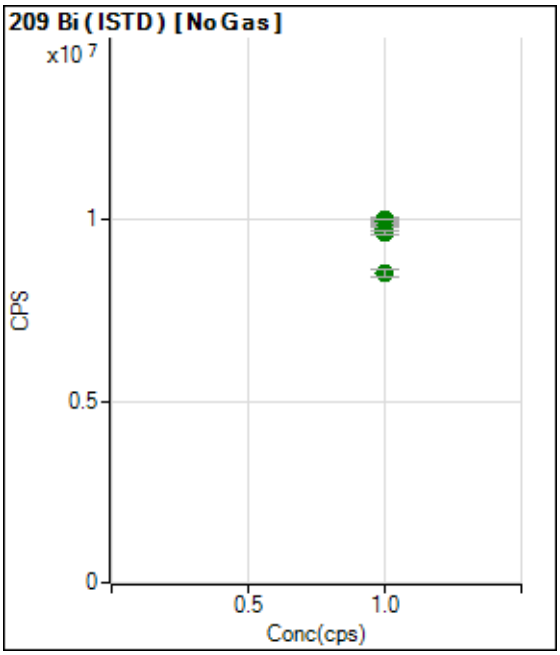


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16388727.81		A	0.4
2	☐	1.000		16566153.50		A	0.7
3	☐	1.000		16652458.08		A	1.4
4	☐	1.000		16659174.61		A	0.4
5	☐	1.000		16652458.09		A	0.2
6	☐	1.000		16666780.58		A	0.9
7	☐	1.000		16618157.39		A	0.2
8	☐	1.000		15844498.23		A	1.5

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

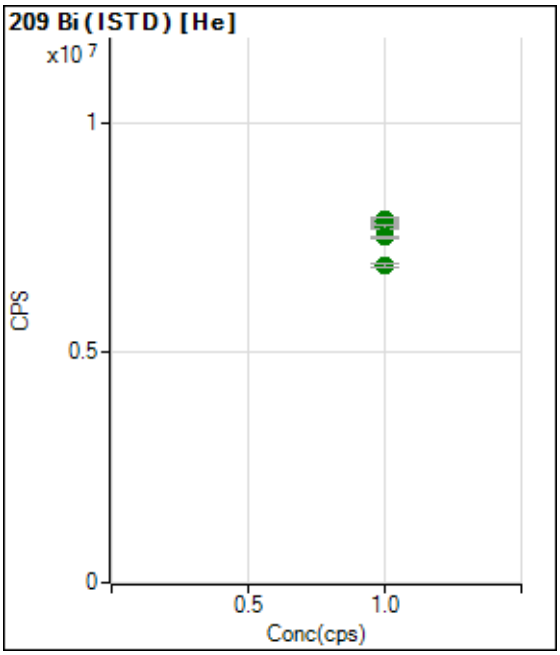


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11313585.11		A	1.7
2	☐	1.000		11271201.78		A	0.8
3	☐	1.000		11392988.86		A	1.6
4	☐	1.000		11405024.00		A	0.9
5	☐	1.000		11569753.86		A	2.2
6	☐	1.000		11316025.39		A	0.6
7	☐	1.000		11436331.92		A	0.6
8	☐	1.000		11224427.75		A	1.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9812594.16		A	0.7
2	☐	1.000		9998577.21		A	0.8
3	☐	1.000		9977737.42		A	0.4
4	☐	1.000		9977848.46		A	1.4
5	☐	1.000		9941982.35		A	1.0
6	☐	1.000		9733217.29		A	1.2
7	☐	1.000		9658037.43		A	1.0
8	☐	1.000		8521695.29		A	2.4

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7783396.41		A	1.1
2	☐	1.000		7840692.04		A	1.9
3	☐	1.000		7878042.59		A	1.0
4	☐	1.000		7810396.62		A	1.6
5	☐	1.000		7865180.79		A	1.9
6	☐	1.000		7736867.80		A	1.1
7	☐	1.000		7505868.43		A	0.6
8	☐	1.000		6896902.47		A	0.9

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7
ClientSampleId
:TUNE001

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102324-MS2.b
Acq. Date-Time	2024-10-23 15:36:12
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		14502	145016.42			0.434	5.000
24		526511	5265106.39			0.682	5.000
25		69622	696224.99			1.162	5.000
26		85118	851183.19			1.265	5.000
59		111729	1117290.17			1.484	5.000
113		7059	70590.98			1.465	5.000
115		161038	1610378.08			2.187	5.000
206		28166	281656.67			1.327	5.000
207		23533	235331.14			1.749	5.000
208		58062	580618.86			1.783	5.000
220		1	7.90			28.796	

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

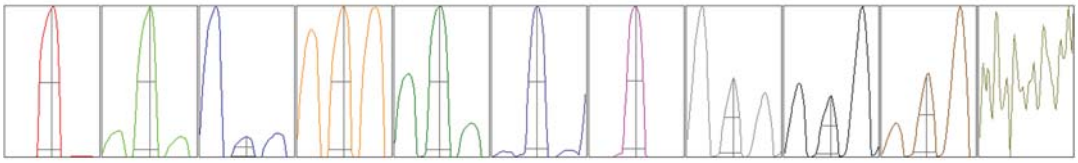
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	14427	14600	14486	14511	14484
24	524905	521078	529846	529238	527486
25	70346	70053	70123	69173	68417
26	85615	84389	85968	86024	83596
59	111107	114530	110403	111873	110732
113	7223	7087	7026	7009	6951
115	166765	161261	158984	160661	157517
206	28771	28211	28129	27868	27849
207	24174	23655	23439	23295	23102
208	59734	58127	57978	57471	56999

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	24419.96	9.00	8.90 - 9.10	
24	949200.89	24.05	23.90 - 24.10	
25	124479.68	25.00	24.90 - 25.10	
26	147470.92	26.00	25.90 - 26.10	
59	195343.28	58.95	58.90 - 59.10	
113	14041.64	112.95	112.90 - 113.10	
115	312847.91	115.00	114.90 - 115.10	
206	60433.13	206.00	205.90 - 206.10	
207	49761.08	207.00	206.90 - 207.10	
208	120198.05	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.739	0.900	
24	0.59	0.778	0.900	
25	0.59	0.768	0.900	
26	0.62	0.741	0.900	
59	0.60	0.775	0.900	
113	0.52	0.720	0.900	
115	0.51	0.728	0.900	
206	0.48	0.696	0.900	
207	0.49	0.724	0.900	
208	0.48	0.732	0.900	
220	0.36			

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:10/24/2024
10:33:28 PM
Inst Id :P7
ClientSampleId
:TUNE001

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.3 V	Deflect	14.4 V
Extract 2	-225.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm

EM

Discriminator	4.8 mV	Analog HV	2407 V	Pulse HV	1924 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		39237	392365.59			0.776	
89		172322	1723218.56			2.004	
205		40361	403612.22			0.438	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	39638	39417	39144	39149	38835
89	171913	178376	170125	170821	170375
205	40658	40345	40252	40348	40203

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	8.7 V	Deflect	4.0 V

US EPA Tune Check Report

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7
ClientSampleId
:TUNE001

Extract 2	-230.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-100 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2407 V	Pulse HV	1924 V

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.07	-0.18	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.08	-0.08	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-0.76	1.03	-0.27	0.00	N/A	ppb
Calcium	44-1	-0.34	-0.90	1.24	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.04	-0.02	-0.02	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	1.61	-0.78	-0.84	0.00	N/A	ppb
Iron	57-2	2.11	-1.22	-0.89	0.00	N/A	ppb
Iron	54-2	0.30	-0.23	-0.06	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.25	-0.08	-0.16	0.00	N/A	ppb
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	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	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-14.74	-17.64	-17.32	-16.57		ppb
Potassium	39-2	-1.07	-0.62	1.70	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.08	-0.27	0.19	0.00	N/A	ppb
Selenium	77-2	-0.05	-0.05	0.10	0.00	N/A	ppb
Selenium	78-2	0.51	-0.53	0.01	0.00	N/A	ppb
Silicon	28-1	0.05	-0.14	0.08	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	0.48	-0.75	0.26	0.00	N/A	ppb
Strontium	86-1	-0.01	0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-47.45	-97.01	70.14	-24.77		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	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.02	0.01	0.00	N/A	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	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	0.05	-0.08	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.78	19.09	19.29	19.06	1.35	ppb
Antimony	121-1	1.87	1.92	1.83	1.87	2.42	ppb
Arsenic	75-2	1.03	0.98	1.08	1.03	4.82	ppb
Barium	135-1	8.80	8.95	9.06	8.94	1.49	ppb
Barium	137-1	9.04	9.10	9.03	9.06	0.43	ppb
Beryllium	9-1	1.06	1.04	1.00	1.04	2.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.16	1.01	0.75	0.97	21.51	ppb
Cadmium	106-1	0.72	1.06	0.75	0.84	22.66	ppb
Cadmium	111-1	0.98	1.06	1.01	1.01	3.89	ppb
Calcium	43-1	503.68	505.42	519.11	509.40	1.66	ppb
Calcium	44-1	511.95	517.45	521.15	516.85	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	2.06	1.95	1.98	3.18	ppb
Cobalt	59-2	1.05	1.02	1.03	1.03	1.28	ppb
Copper	63-2	1.61	1.63	1.66	1.63	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	53.25	52.66	52.77	52.89	0.59	ppb
Iron	57-2	54.53	54.22	53.38	54.04	1.11	ppb
Iron	54-2	54.56	55.33	55.07	54.99	0.71	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.86	0.87	0.88	0.87	1.23	ppb
Lead	207-1	0.89	0.88	0.89	0.89	1.09	ppb
Lead	208-1	0.87	0.88	0.88	0.88	0.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	535.66	534.07	539.61	536.45	0.53	ppb
Manganese	55-2	1.02	1.01	1.05	1.03	2.13	ppb
Molybdenum	94-1	5.09	5.12	5.30	5.17	2.15	ppb
Molybdenum	95-1	4.21	4.43	4.57	4.41	4.18	ppb
Molybdenum	96-1	4.36	4.55	4.59	4.50	2.71	ppb
Molybdenum	97-1	4.31	4.45	4.60	4.46	3.35	ppb
Molybdenum	98-1	4.28	4.43	4.46	4.39	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.07	1.06	1.06	0.92	ppb
Phosphorus	31-2	16.14	13.41	20.14	16.57	20.43	ppb
Potassium	39-2	505.35	503.20	502.27	503.61	0.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.05	5.13	5.85	5.34	8.24	ppb
Selenium	77-2	4.31	5.41	5.54	5.09	13.29	ppb
Selenium	78-2	4.75	5.82	4.44	5.00	14.40	ppb
Silicon	28-1	1.05	0.99	1.15	1.07	7.79	ppb
Silver	107-1	0.94	0.93	0.94	0.94	0.66	ppb
Silver	109-1	0.91	0.94	0.92	0.93	1.51	ppb
Sodium	23-2	520.64	520.15	519.35	520.05	0.13	ppb
Strontium	86-1	0.98	0.98	1.02	0.99	2.20	ppb
Strontium	88-1	0.96	0.98	1.02	0.99	3.32	ppb
Sulfur	34-1	13.70	21.16	39.45	24.77	53.48	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.80	0.82	0.83	0.82	1.57	ppb
Thallium	205-1	0.84	0.83	0.83	0.83	0.70	ppb
Tin	118-1	4.58	4.71	4.67	4.65	1.36	ppb
Titanium	47-1	4.35	4.52	4.58	4.48	2.68	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.80	0.81	0.80	1.43	ppb
Vanadium	51-2	4.95	5.02	4.98	4.99	0.71	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	6.12	6.32	5.73	6.06	4.93	ppb
Zirconium	90-1	0.95	0.95	0.99	0.96	2.78	ppb
Zirconium	91-1	0.91	0.93	1.01	0.95	5.57	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1081.34	1059.82	1092.06	1077.74	1.52	ppb
Antimony	121-1	48.22	49.18	50.50	49.30	2.32	ppb
Arsenic	75-2	51.14	51.82	51.36	51.44	0.67	ppb
Barium	135-1	240.10	246.23	243.75	243.36	1.27	ppb
Barium	137-1	240.48	243.95	246.14	243.53	1.17	ppb
Beryllium	9-1	57.77	56.95	56.65	57.12	1.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	52.17	53.77	56.24	54.06	3.79	ppb
Cadmium	106-1	53.16	52.32	55.46	53.65	3.03	ppb
Cadmium	111-1	50.80	51.99	52.61	51.80	1.77	ppb
Calcium	43-1	5966.94	6021.57	6363.43	6117.31	3.51	ppb
Calcium	44-1	5397.62	5453.52	5655.74	5502.29	2.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.26	52.51	51.84	52.20	0.65	ppb
Cobalt	59-2	52.05	52.15	51.18	51.80	1.03	ppb
Copper	63-2	547.19	526.60	536.94	536.91	1.92	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				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2640.84	2653.41	2693.87	2662.70	1.04	ppb
Iron	57-2	2795.76	2764.42	2739.93	2766.70	1.01	ppb
Iron	54-2	2801.87	2811.44	2855.49	2822.93	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	245.20	250.27	248.31	247.93	1.03	ppb
Lead	207-1	243.68	249.62	250.85	248.05	1.55	ppb
Lead	208-1	246.71	249.92	251.39	249.34	0.96	ppb
Lithium	6-1				104		%
Magnesium	24-2	5126.90	5022.88	5041.18	5063.65	1.10	ppb
Manganese	55-2	507.08	503.81	507.79	506.22	0.42	ppb
Molybdenum	94-1	505.29	509.73	510.26	508.43	0.54	ppb
Molybdenum	95-1	509.84	515.63	520.09	515.19	1.00	ppb
Molybdenum	96-1	509.73	513.41	518.21	513.79	0.83	ppb
Molybdenum	97-1	507.92	511.96	519.67	513.18	1.16	ppb
Molybdenum	98-1	506.74	512.61	515.37	511.58	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.35	52.09	53.08	52.51	0.97	ppb
Phosphorus	31-2	1055.49	1031.07	1010.19	1032.25	2.20	ppb
Potassium	39-2	2543.22	2510.54	2462.69	2505.48	1.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	54.21	54.82	54.68	54.57	0.58	ppb
Selenium	77-2	52.18	58.13	54.11	54.81	5.54	ppb
Selenium	78-2	53.44	52.73	53.05	53.07	0.68	ppb
Silicon	28-1	44.92	44.88	47.69	45.83	3.52	ppb
Silver	107-1	51.15	52.70	53.26	52.37	2.09	ppb
Silver	109-1	50.62	52.09	53.40	52.04	2.67	ppb
Sodium	23-2	5264.80	5298.45	5245.10	5269.45	0.51	ppb
Strontium	86-1	1295.23	1288.01	1286.00	1289.75	0.38	ppb
Strontium	88-1	1281.13	1287.21	1294.90	1287.75	0.54	ppb
Sulfur	34-1	1021.87	1029.14	1220.63	1090.55	10.34	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	43.46	44.19	44.46	44.03	1.17	ppb
Thallium	205-1	43.64	44.14	44.40	44.06	0.87	ppb
Tin	118-1	49.20	50.34	50.72	50.09	1.58	ppb
Titanium	47-1	501.73	496.05	510.65	502.81	1.46	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	41.77	48.83	48.85	46.48	8.78	ppb
Vanadium	51-2	52.07	51.51	52.10	51.90	0.64	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	533.09	530.89	525.22	529.73	0.77	ppb
Zirconium	90-1	50.29	50.18	51.42	50.63	1.35	ppb
Zirconium	91-1	50.70	51.21	51.53	51.15	0.81	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2539.22	2540.45	2543.79	2541.15	0.09	ppb
Antimony	121-1	126.50	128.95	126.71	127.39	1.06	ppb
Arsenic	75-2	127.59	128.03	129.91	128.51	0.96	ppb
Barium	135-1	620.43	633.37	616.89	623.56	1.39	ppb
Barium	137-1	641.31	636.18	643.86	640.45	0.61	ppb
Beryllium	9-1	132.54	140.82	139.07	137.48	3.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.67	131.68	129.03	130.79	1.17	ppb
Cadmium	106-1	132.69	131.95	131.45	132.03	0.47	ppb
Cadmium	111-1	125.96	126.84	126.96	126.59	0.43	ppb
Calcium	43-1	15072.05	15299.94	15377.18	15249.72	1.04	ppb
Calcium	44-1	13591.35	13844.74	13710.41	13715.50	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.60	129.63	128.20	128.81	0.57	ppb
Cobalt	59-2	128.07	128.60	127.92	128.20	0.28	ppb
Copper	63-2	1311.22	1298.75	1313.51	1307.82	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				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	6582.33	6619.18	6698.15	6633.22	0.89	ppb
Iron	57-2	6838.51	6821.99	6828.94	6829.81	0.12	ppb
Iron	54-2	6834.62	6699.40	6787.45	6773.82	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	611.83	623.19	626.58	620.53	1.25	ppb
Lead	207-1	618.21	624.54	624.80	622.52	0.60	ppb
Lead	208-1	614.50	627.25	627.79	623.18	1.21	ppb
Lithium	6-1				110		%
Magnesium	24-2	12603.24	12633.28	12564.48	12600.33	0.27	ppb
Manganese	55-2	1272.97	1258.84	1288.12	1273.31	1.15	ppb
Molybdenum	94-1	1271.47	1276.82	1275.61	1274.63	0.22	ppb
Molybdenum	95-1	1271.13	1281.61	1305.39	1286.04	1.36	ppb
Molybdenum	96-1	1289.02	1277.73	1304.68	1290.48	1.05	ppb
Molybdenum	97-1	1276.45	1272.73	1303.59	1284.25	1.31	ppb
Molybdenum	98-1	1262.70	1270.73	1285.63	1273.02	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.96	129.49	130.00	129.81	0.22	ppb
Phosphorus	31-2	2583.51	2586.09	2595.79	2588.46	0.25	ppb
Potassium	39-2	6184.12	6191.19	6145.74	6173.68	0.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	132.03	134.50	135.71	134.08	1.40	ppb
Selenium	77-2	131.12	126.18	129.86	129.06	1.99	ppb
Selenium	78-2	127.82	127.81	129.15	128.26	0.60	ppb
Silicon	28-1	102.30	103.57	105.34	103.74	1.48	ppb
Silver	107-1	130.06	130.66	133.70	131.47	1.49	ppb
Silver	109-1	130.70	131.28	129.69	130.56	0.62	ppb
Sodium	23-2	13062.95	12962.56	13179.28	13068.26	0.83	ppb
Strontium	86-1	3149.88	3204.88	3300.00	3218.25	2.36	ppb
Strontium	88-1	3167.88	3257.47	3224.43	3216.59	1.41	ppb
Sulfur	34-1	2512.49	2567.21	2563.67	2547.79	1.20	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	107.51	110.54	111.62	109.89	1.94	ppb
Thallium	205-1	120.44	127.23	125.14	124.27	2.80	ppb
Tin	118-1	122.94	123.57	123.84	123.45	0.37	ppb
Titanium	47-1	1247.81	1293.47	1268.36	1269.88	1.80	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.99	123.10	123.11	122.07	1.47	ppb
Vanadium	51-2	129.81	129.63	129.87	129.77	0.10	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	1296.57	1314.05	1304.63	1305.08	0.67	ppb
Zirconium	90-1	125.83	128.60	126.58	127.00	1.13	ppb
Zirconium	91-1	126.04	127.05	129.10	127.40	1.22	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4891.28	4858.53	4922.00	4890.60	0.65	ppb
Antimony	121-1	247.24	254.85	257.10	253.06	2.04	ppb
Arsenic	75-2	244.25	256.27	249.44	249.99	2.41	ppb
Barium	135-1	1238.31	1249.20	1263.57	1250.36	1.01	ppb
Barium	137-1	1240.92	1257.38	1259.87	1252.72	0.82	ppb
Beryllium	9-1	273.57	261.15	270.63	268.45	2.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	252.88	259.60	262.19	258.22	1.86	ppb
Cadmium	106-1	256.39	256.46	260.02	257.62	0.81	ppb
Cadmium	111-1	247.58	247.63	253.30	249.50	1.32	ppb
Calcium	43-1	29153.98	29351.47	29428.62	29311.35	0.48	ppb
Calcium	44-1	27141.09	27898.84	27588.51	27542.82	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.94	244.64	256.26	248.94	2.56	ppb
Cobalt	59-2	248.74	267.47	255.93	257.38	3.67	ppb
Copper	63-2	2618.52	2586.79	2622.28	2609.20	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	13016.64	13364.42	12943.45	13108.17	1.72	ppb
Iron	57-2	12808.94	13475.21	12905.79	13063.32	2.76	ppb
Iron	54-2	13179.14	13349.89	13278.31	13269.11	0.65	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1247.71	1235.71	1255.21	1246.21	0.79	ppb
Lead	207-1	1252.18	1256.17	1259.96	1256.10	0.31	ppb
Lead	208-1	1246.75	1247.15	1267.71	1253.87	0.96	ppb
Lithium	6-1				111		%
Magnesium	24-2	24444.27	24771.39	24646.81	24620.82	0.67	ppb
Manganese	55-2	2477.61	2511.70	2487.96	2492.42	0.70	ppb
Molybdenum	94-1	2521.05	2541.69	2526.47	2529.74	0.42	ppb
Molybdenum	95-1	2542.42	2535.11	2523.06	2533.53	0.39	ppb
Molybdenum	96-1	2546.90	2536.69	2521.71	2535.10	0.50	ppb
Molybdenum	97-1	2522.20	2554.33	2515.06	2530.53	0.83	ppb
Molybdenum	98-1	2509.46	2503.29	2509.96	2507.57	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	248.22	259.02	258.28	255.17	2.36	ppb
Phosphorus	31-2	4949.52	5138.05	5025.21	5037.59	1.88	ppb
Potassium	39-2	11745.30	12217.08	12362.30	12108.23	2.66	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	262.41	261.77	263.11	262.43	0.26	ppb
Selenium	77-2	245.81	246.80	263.03	251.88	3.84	ppb
Selenium	78-2	255.13	256.30	252.09	254.51	0.85	ppb
Silicon	28-1	214.46	219.27	220.99	218.24	1.55	ppb
Silver	107-1	258.11	261.56	264.44	261.37	1.21	ppb
Silver	109-1	259.41	259.74	262.25	260.47	0.60	ppb
Sodium	23-2	25567.09	25830.64	25368.09	25588.60	0.91	ppb
Strontium	86-1	6409.84	6330.80	6220.18	6320.28	1.51	ppb
Strontium	88-1	6357.59	6305.48	6205.30	6289.45	1.23	ppb
Sulfur	34-1	4754.02	4859.77	4776.08	4796.63	1.16	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	249.94	242.17	252.76	248.29	2.21	ppb
Thallium	205-1	249.31	245.90	248.85	248.02	0.75	ppb
Tin	118-1	252.07	258.45	261.02	257.18	1.79	ppb
Titanium	47-1	2460.22	2523.69	2521.21	2501.71	1.44	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	246.09	245.47	245.61	245.72	0.13	ppb
Vanadium	51-2	246.95	252.95	250.18	250.03	1.20	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2644.14	2609.41	2631.83	2628.46	0.67	ppb
Zirconium	90-1	245.72	248.36	250.76	248.28	1.02	ppb
Zirconium	91-1	246.36	251.36	250.04	249.25	1.04	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9911.20	9875.15	9944.10	9910.15	0.35	ppb
Antimony	121-1	498.63	504.13	502.99	501.92	0.58	ppb
Arsenic	75-2	510.14	503.97	521.43	511.85	1.73	ppb
Barium	135-1	2521.08	2501.50	2541.01	2521.20	0.78	ppb
Barium	137-1	2482.90	2582.14	2504.76	2523.27	2.07	ppb
Beryllium	9-1	513.57	494.27	483.25	497.03	3.09	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	505.48	511.68	513.08	510.08	0.79	ppb
Cadmium	106-1	502.34	513.26	512.21	509.27	1.18	ppb
Cadmium	111-1	499.36	511.20	509.78	506.78	1.28	ppb
Calcium	43-1	60483.25	60018.77	59918.52	60140.18	0.50	ppb
Calcium	44-1	55150.59	55448.19	54403.64	55000.80	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.08	509.24	511.80	508.70	0.67	ppb
Cobalt	59-2	515.94	514.61	515.29	515.28	0.13	ppb
Copper	63-2	5131.48	5134.77	5203.22	5156.49	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	26535.75	26144.05	26777.92	26485.91	1.21	ppb
Iron	57-2	26090.82	26180.20	26616.47	26295.83	1.07	ppb
Iron	54-2	26643.57	27144.25	26970.96	26919.59	0.94	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2537.76	2513.16	2508.14	2519.69	0.63	ppb
Lead	207-1	2512.84	2528.83	2494.62	2512.09	0.68	ppb
Lead	208-1	2516.18	2536.13	2506.70	2519.67	0.60	ppb
Lithium	6-1				112		%
Magnesium	24-2	50052.59	50306.89	50580.08	50313.18	0.52	ppb
Manganese	55-2	5076.52	5010.83	5141.23	5076.19	1.28	ppb
Molybdenum	94-1	5027.90	5051.49	5133.20	5070.87	1.09	ppb
Molybdenum	95-1	5005.54	5078.13	5175.60	5086.42	1.68	ppb
Molybdenum	96-1	4963.73	5111.68	5203.57	5092.99	2.38	ppb
Molybdenum	97-1	5012.80	5028.11	5188.96	5076.62	1.92	ppb
Molybdenum	98-1	5070.41	4991.19	5124.35	5061.98	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.79	506.25	504.56	504.20	0.45	ppb
Phosphorus	31-2	10183.18	10128.07	10171.16	10160.80	0.29	ppb
Potassium	39-2	24501.41	24581.75	24654.90	24579.35	0.31	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	511.23	511.44	525.39	516.02	1.57	ppb
Selenium	77-2	515.86	502.89	557.62	525.46	5.44	ppb
Selenium	78-2	509.08	499.50	522.64	510.41	2.28	ppb
Silicon	28-1	446.68	442.94	448.40	446.01	0.63	ppb
Silver	107-1	506.15	509.83	517.77	511.25	1.16	ppb
Silver	109-1	505.20	511.66	515.57	510.81	1.03	ppb
Sodium	23-2	52374.08	52702.55	52956.61	52677.74	0.55	ppb
Strontium	86-1	12351.88	12448.00	12967.35	12589.08	2.63	ppb
Strontium	88-1	12546.31	12464.64	12972.27	12661.07	2.15	ppb
Sulfur	34-1	9971.09	9875.79	9718.06	9854.98	1.30	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	509.59	505.83	507.67	507.70	0.37	ppb
Thallium	205-1	507.47	508.52	498.32	504.77	1.11	ppb
Tin	118-1	503.73	503.07	505.35	504.05	0.23	ppb
Titanium	47-1	5040.11	5103.01	4968.83	5037.31	1.33	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	506.01	502.04	502.12	503.39	0.45	ppb
Vanadium	51-2	500.77	503.50	515.87	506.72	1.59	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5145.84	5137.72	5132.59	5138.72	0.13	ppb
Zirconium	90-1	501.17	497.40	508.37	502.31	1.11	ppb
Zirconium	91-1	500.68	494.02	517.28	503.99	2.38	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19589.29	19527.19	19645.40	19587.29	0.30	ppb
Antimony	121-1	980.28	1005.38	1008.38	998.01	1.55	ppb
Arsenic	75-2	993.63	990.43	996.66	993.57	0.31	ppb
Barium	135-1	4996.43	4886.09	5086.95	4989.82	2.02	ppb
Barium	137-1	4970.00	4925.57	5062.67	4986.08	1.40	ppb
Beryllium	9-1	988.94	998.07	997.85	994.96	0.52	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	974.67	989.10	1012.16	991.98	1.91	ppb
Cadmium	106-1	985.29	986.59	1005.31	992.40	1.13	ppb
Cadmium	111-1	983.81	999.02	1006.51	996.45	1.16	ppb
Calcium	43-1	113846.43	118132.83	114960.34	115646.53	1.92	ppb
Calcium	44-1	106149.14	112349.83	108940.43	109146.47	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	984.02	1000.28	1001.68	995.33	0.99	ppb
Cobalt	59-2	983.77	992.06	994.24	990.03	0.56	ppb
Copper	63-2	9752.63	9969.56	9933.97	9885.38	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	50927.41	51189.39	51635.74	51250.85	0.70	ppb
Iron	57-2	49659.08	50746.94	50232.75	50212.92	1.08	ppb
Iron	54-2	52275.51	53053.95	52409.31	52579.59	0.79	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4922.73	5019.15	5033.41	4991.76	1.21	ppb
Lead	207-1	4903.83	5040.18	5034.50	4992.84	1.54	ppb
Lead	208-1	4921.01	5037.41	5009.95	4989.46	1.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	99101.23	100483.46	99413.13	99665.94	0.73	ppb
Manganese	55-2	9938.62	9956.84	9986.26	9960.57	0.24	ppb
Molybdenum	94-1	9859.73	9928.32	10072.85	9953.63	1.09	ppb
Molybdenum	95-1	9859.51	9887.92	10082.00	9943.14	1.22	ppb
Molybdenum	96-1	9860.83	9916.03	10040.08	9938.98	0.92	ppb
Molybdenum	97-1	9830.42	9908.07	10108.85	9949.12	1.44	ppb
Molybdenum	98-1	9794.65	9928.44	10167.89	9963.66	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	999.01	995.91	992.72	995.88	0.32	ppb
Phosphorus	31-2	19832.27	19922.16	19938.16	19897.53	0.29	ppb
Potassium	39-2	48418.96	47968.41	48441.46	48276.28	0.55	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	982.83	978.23	1001.49	987.52	1.25	ppb
Selenium	77-2	992.54	980.31	985.31	986.05	0.62	ppb
Selenium	78-2	1001.97	997.02	980.33	993.11	1.14	ppb
Silicon	28-1	1045.90	1039.55	1028.22	1037.89	0.86	ppb
Silver	107-1	973.29	995.70	1002.82	990.61	1.56	ppb
Silver	109-1	986.70	972.14	1014.70	991.18	2.18	ppb
Sodium	23-2	101218.74	103376.74	102163.73	102253.07	1.06	ppb
Strontium	86-1	24676.16	24745.88	25350.71	24924.25	1.49	ppb
Strontium	88-1	24606.98	25049.46	25032.35	24896.26	1.01	ppb
Sulfur	34-1	19826.45	20339.97	20172.14	20112.85	1.30	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	982.63	994.25	1019.42	998.77	1.88	ppb
Thallium	205-1	989.86	1009.87	995.77	998.50	1.03	ppb
Tin	118-1	980.59	1002.62	1005.90	996.37	1.38	ppb
Titanium	47-1	9736.84	10130.03	10068.00	9978.29	2.12	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	977.06	1010.97	1011.72	999.92	1.98	ppb
Vanadium	51-2	991.47	1008.14	988.23	995.94	1.07	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	9820.91	9925.81	9923.74	9890.15	0.61	ppb
Zirconium	90-1	995.02	1004.46	997.49	998.99	0.49	ppb
Zirconium	91-1	997.19	1001.61	994.70	997.83	0.35	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99236.51	101179.65	99869.41	100095.19	0.99	ppb
Antimony	121-1	0.72	0.69	0.76	0.73	4.69	ppb
Arsenic	75-2	0.46	0.53	0.51	0.50	7.25	ppb
Barium	135-1	2.08	2.11	2.08	2.09	0.87	ppb
Barium	137-1	2.20	2.13	2.06	2.13	3.31	ppb
Beryllium	9-1	0.12	0.11	0.12	0.11	5.40	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.27	0.51	0.35	0.38	32.91	ppb
Cadmium	106-1	0.50	0.81	0.47	0.59	31.25	ppb
Cadmium	111-1	0.16	0.17	0.13	0.15	13.66	ppb
Calcium	43-1	493185.74	494862.25	498635.56	495561.18	0.56	ppb
Calcium	44-1	493921.54	497752.58	500850.05	497508.06	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.08	3.11	3.92	3.37	14.20	ppb
Cobalt	59-2	2.53	2.56	2.55	2.55	0.59	ppb
Copper	63-2	1.75	1.72	1.82	1.77	2.92	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				97		%
Holmium	165-2				99		%
Indium	115-1				89		%
Indium	115-2				94		%
Iron	56-2	246656.84	252766.92	249255.11	249559.62	1.23	ppb
Iron	57-2	251022.98	249552.47	248772.06	249782.50	0.46	ppb
Iron	54-2	247424.12	250917.75	249370.15	249237.34	0.70	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.94	0.90	0.91	0.92	2.42	ppb
Lead	207-1	0.95	0.88	0.85	0.89	5.56	ppb
Lead	208-1	0.95	0.89	0.87	0.90	4.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	496908.97	505059.17	498185.67	500051.27	0.88	ppb
Manganese	55-2	5.08	5.11	5.04	5.08	0.69	ppb
Molybdenum	94-1	2.55	2.37	2.43	2.45	3.86	ppb
Molybdenum	95-1	1.69	1.62	1.62	1.65	2.49	ppb
Molybdenum	96-1	2.91	2.82	2.84	2.86	1.75	ppb
Molybdenum	97-1	1.70	1.57	1.56	1.61	4.82	ppb
Molybdenum	98-1	1.71	1.52	1.46	1.56	8.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.99	3.98	3.77	3.91	3.11	ppb
Phosphorus	31-2	-8.42	-7.38	-8.30	-8.03		ppb
Potassium	39-2	249707.71	250010.91	251506.12	250408.24	0.38	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.88	1.40	1.12	1.14	22.85	ppb
Selenium	77-2	0.10	0.25	0.24	0.20	43.23	ppb
Selenium	78-2	0.66	0.39	0.64	0.56	26.98	ppb
Silicon	28-1	3.52	3.43	3.30	3.42	3.26	ppb
Silver	107-1	0.16	0.13	0.13	0.14	11.79	ppb
Silver	109-1	0.16	0.13	0.13	0.14	11.94	ppb
Sodium	23-2	495909.66	504167.54	497628.57	499235.26	0.87	ppb
Strontium	86-1	4.66	4.45	4.37	4.49	3.40	ppb
Strontium	88-1	4.72	4.48	4.38	4.53	3.89	ppb
Sulfur	34-1	-718.44	-461.68	-386.07	-522.06		ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.12	0.11	0.12	9.40	ppb
Thallium	205-1	0.12	0.11	0.10	0.11	9.98	ppb
Tin	118-1	0.46	0.46	0.46	0.46	0.40	ppb
Titanium	47-1	1.23	1.17	1.34	1.25	6.78	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.07	0.06	0.07	10.72	ppb
Vanadium	51-2	0.22	0.22	0.24	0.23	4.00	ppb
Yttrium	89-1				94		%
Yttrium	89-2				98		%
Zinc	66-2	4.52	4.60	4.47	4.53	1.46	ppb
Zirconium	90-1	0.59	0.58	0.61	0.59	2.28	ppb
Zirconium	91-1	0.59	0.65	0.61	0.62	4.75	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	502.17	508.71	507.01	505.96	0.67	ppb
Antimony	121-1	205.89	217.15	217.01	213.35	3.03	ppb
Arsenic	75-2	210.72	214.21	215.51	213.48	1.16	ppb
Barium	135-1	94.10	100.58	100.82	98.50	3.87	ppb
Barium	137-1	96.71	99.52	99.46	98.56	1.63	ppb
Beryllium	9-1	102.56	104.88	107.41	104.95	2.31	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	94.89	98.75	98.60	97.41	2.25	ppb
Cadmium	106-1	91.27	96.90	98.16	95.44	3.84	ppb
Cadmium	111-1	103.15	108.28	107.32	106.25	2.56	ppb
Calcium	43-1	2145.45	2101.70	2080.74	2109.29	1.57	ppb
Calcium	44-1	2009.12	2042.20	2044.37	2031.90	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.36	105.01	106.15	105.84	0.68	ppb
Cobalt	59-2	103.50	105.06	105.10	104.55	0.87	ppb
Copper	63-2	97.60	97.97	98.48	98.01	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				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	2088.80	2085.29	2097.19	2090.43	0.29	ppb
Iron	57-2	2139.94	2174.65	2159.51	2158.03	0.81	ppb
Iron	54-2	2271.07	2297.91	2308.89	2292.63	0.85	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	216.65	212.07	211.56	213.42	1.31	ppb
Lead	207-1	180.42	179.55	182.00	180.65	0.69	ppb
Lead	208-1	206.02	204.63	204.25	204.97	0.45	ppb
Lithium	6-1				103		%
Magnesium	24-2	1248.59	1238.21	1244.79	1243.86	0.42	ppb
Manganese	55-2	103.16	103.19	103.81	103.39	0.36	ppb
Molybdenum	94-1	0.11	0.13	0.14	0.13	12.00	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	7.33	ppb
Molybdenum	96-1	0.07	0.06	0.07	0.07	8.05	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	4.13	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	10.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.70	105.80	106.78	106.10	0.56	ppb
Phosphorus	31-2	-13.76	-16.89	-12.62	-14.42		ppb
Potassium	39-2	1959.27	1962.80	1964.35	1962.14	0.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	219.01	217.80	215.33	217.38	0.86	ppb
Selenium	77-2	225.78	226.38	233.98	228.71	2.00	ppb
Selenium	78-2	218.01	219.78	227.89	221.89	2.38	ppb
Silicon	28-1	0.69	0.67	0.65	0.67	2.74	ppb
Silver	107-1	49.99	53.39	53.21	52.20	3.66	ppb
Silver	109-1	50.22	54.00	53.55	52.59	3.93	ppb
Sodium	23-2	2000.24	2039.93	2039.21	2026.46	1.12	ppb
Strontium	86-1	0.36	0.33	0.32	0.34	6.67	ppb
Strontium	88-1	0.34	0.33	0.34	0.34	0.66	ppb
Sulfur	34-1	-131.57	-181.47	-298.12	-203.72		ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	214.35	216.17	212.22	214.25	0.92	ppb
Thallium	205-1	210.49	213.18	214.44	212.70	0.95	ppb
Tin	118-1	0.08	0.08	0.06	0.07	15.74	ppb
Titanium	47-1	0.03	0.02	0.04	0.03	39.41	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	52.69	ppb
Vanadium	51-2	103.70	102.51	103.25	103.15	0.58	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	206.24	205.77	207.55	206.52	0.45	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	1.18	ppb
Zirconium	91-1	0.11	0.11	0.11	0.11	1.33	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.41	1.27	1.05	1.24	14.36	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	17.26	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	254.16	ppb
Barium	135-1	0.00	0.00	0.01	0.00	43.03	ppb
Barium	137-1	0.01	0.01	0.01	0.01	25.86	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00		ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.02	-0.01	-0.01		ppb
Cadmium	106-1	-1.41	-1.44	-1.75	-1.54		ppb
Cadmium	111-1	-0.10	-0.10	-0.13	-0.11		ppb
Calcium	43-1	2.36	-0.69	0.80	0.82	185.18	ppb
Calcium	44-1	-3.96	-3.70	-3.62	-3.76		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.03	-0.03		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.22	0.23	0.24	0.23	4.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	-0.69	-0.77	-0.75	-0.74		ppb
Iron	57-2	-1.45	-1.24	-0.27	-0.98		ppb
Iron	54-2	-0.09	-0.06	-0.72	-0.29		ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.01	0.01	35.68	ppb
Lead	207-1	0.01	0.02	0.03	0.02	46.30	ppb
Lead	208-1	0.02	0.01	0.02	0.02	27.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.13	0.04	-0.04	-0.05		ppb
Manganese	55-2	-0.02	-0.01	0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.01	0.02	0.02	39.13	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	21.12	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	36.10	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	-19.25	-17.12	-14.86	-17.08		ppb
Potassium	39-2	0.54	2.27	1.26	1.36	63.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.08	0.36	0.36	0.26	61.86	ppb
Selenium	77-2	-0.05	-0.05	-0.05	-0.05		ppb
Selenium	78-2	0.39	-0.51	0.03	-0.03		ppb
Silicon	28-1	0.76	0.82	0.83	0.80	4.61	ppb
Silver	107-1	0.00	0.00	0.00	0.00	95.67	ppb
Silver	109-1	0.00	0.00	0.00	0.00	41.59	ppb
Sodium	23-2	6.23	6.42	6.08	6.24	2.74	ppb
Strontium	86-1	0.02	0.01	0.01	0.01	26.81	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	7.07	ppb
Sulfur	34-1	-105.64	-41.69	-0.02	-49.12		ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	28.66	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.10	ppb
Tin	118-1	0.03	0.08	0.03	0.05	60.40	ppb
Titanium	47-1	0.00	-0.02	-0.01	-0.01		ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	1273.47	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	-0.05	-0.07	0.05	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.69	ppb
Zirconium	91-1	0.01	0.01	0.00	0.00	195.05	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88749.74	89139.46	89507.75	89132.32	0.43	ppb
Antimony	121-1	1.05	1.04	1.06	1.05	1.06	ppb
Arsenic	75-2	0.35	0.37	0.35	0.36	2.11	ppb
Barium	135-1	1.33	1.34	1.43	1.36	4.05	ppb
Barium	137-1	1.31	1.33	1.33	1.33	0.98	ppb
Beryllium	9-1	0.48	0.45	0.42	0.45	6.98	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.78	8.11	8.86	8.25	6.68	ppb
Cadmium	106-1	0.05	0.15	-0.74	-0.18		ppb
Cadmium	111-1	0.35	0.30	0.22	0.29	22.38	ppb
Calcium	43-1	95064.73	97362.45	97751.01	96726.06	1.50	ppb
Calcium	44-1	95170.00	97476.75	98477.40	97041.39	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.18	19.49	19.46	19.38	0.87	ppb
Cobalt	59-2	1.18	1.22	1.17	1.19	1.87	ppb
Copper	63-2	8.62	8.74	8.61	8.66	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	96685.16	99925.17	97821.01	98143.78	1.68	ppb
Iron	57-2	96690.84	96993.26	97699.54	97127.88	0.53	ppb
Iron	54-2	97557.95	100488.11	99482.56	99176.21	1.50	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.04	4.20	4.04	4.09	2.21	ppb
Lead	207-1	3.58	3.81	3.56	3.65	3.74	ppb
Lead	208-1	3.77	3.89	3.77	3.81	1.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	96674.46	97450.50	96600.88	96908.61	0.49	ppb
Manganese	55-2	7.50	7.56	7.45	7.50	0.74	ppb
Molybdenum	94-1	1447.78	1479.77	1463.08	1463.54	1.09	ppb
Molybdenum	95-1	1744.12	1760.05	1792.50	1765.56	1.40	ppb
Molybdenum	96-1	1712.95	1712.67	1742.40	1722.67	0.99	ppb
Molybdenum	97-1	1749.54	1747.95	1792.50	1763.33	1.43	ppb
Molybdenum	98-1	1754.38	1747.37	1783.88	1761.88	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.18	6.06	6.13	6.12	0.99	ppb
Phosphorus	31-2	95097.62	95417.74	94783.58	95099.65	0.33	ppb
Potassium	39-2	92875.38	93571.24	92907.88	93118.17	0.42	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.07	0.30	0.45	0.27	69.22	ppb
Selenium	77-2	0.24	0.25	-0.05	0.15	115.29	ppb
Selenium	78-2	0.26	0.12	-0.30	0.03	1131.58	ppb
Silicon	28-1	4.07	4.09	4.15	4.10	0.99	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.15	ppb
Silver	109-1	0.04	0.05	0.04	0.05	6.31	ppb
Sodium	23-2	97679.36	98625.42	98589.87	98298.21	0.55	ppb
Strontium	86-1	33.56	34.05	34.56	34.06	1.47	ppb
Strontium	88-1	33.29	33.64	33.93	33.62	0.96	ppb
Sulfur	34-1	97252.91	99309.31	98084.18	98215.46	1.05	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.07	0.07	0.07	3.13	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	4.62	ppb
Tin	118-1	0.16	0.15	0.16	0.16	3.03	ppb
Titanium	47-1	1773.44	1787.62	1786.29	1782.45	0.44	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	8.90	ppb
Vanadium	51-2	0.17	0.17	0.16	0.17	4.76	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	10.29	10.58	10.48	10.45	1.42	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	17.91	ppb
Zirconium	91-1	0.02	0.03	0.03	0.02	12.55	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90103.45	88639.74	88954.92	89232.70	0.86	ppb
Antimony	121-1	20.02	20.05	20.11	20.06	0.22	ppb
Arsenic	75-2	20.65	20.34	20.29	20.43	0.93	ppb
Barium	135-1	19.70	19.96	20.03	19.89	0.87	ppb
Barium	137-1	19.86	19.80	20.06	19.90	0.69	ppb
Beryllium	9-1	19.99	20.09	20.08	20.06	0.28	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.73	25.70	25.52	25.32	2.04	ppb
Cadmium	106-1	17.11	15.32	16.92	16.45	5.97	ppb
Cadmium	111-1	19.05	18.67	19.03	18.92	1.13	ppb
Calcium	43-1	96790.28	95374.49	96028.91	96064.56	0.74	ppb
Calcium	44-1	97345.62	96348.93	96661.11	96785.22	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.81	39.23	39.37	39.14	0.74	ppb
Cobalt	59-2	20.34	20.42	20.30	20.35	0.31	ppb
Copper	63-2	24.54	24.51	24.33	24.46	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	98192.89	99947.66	97958.02	98699.52	1.10	ppb
Iron	57-2	97014.25	99127.80	96711.56	97617.87	1.35	ppb
Iron	54-2	100564.31	100526.15	100022.49	100370.99	0.30	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.40	24.73	24.30	24.48	0.91	ppb
Lead	207-1	23.07	23.43	23.10	23.20	0.86	ppb
Lead	208-1	23.44	23.95	23.52	23.64	1.15	ppb
Lithium	6-1				105		%
Magnesium	24-2	96851.43	96890.17	96026.01	96589.20	0.51	ppb
Manganese	55-2	26.91	27.22	26.75	26.96	0.88	ppb
Molybdenum	94-1	1436.11	1448.92	1464.13	1449.72	0.97	ppb
Molybdenum	95-1	1753.41	1761.01	1753.16	1755.86	0.25	ppb
Molybdenum	96-1	1724.59	1763.68	1728.46	1738.91	1.24	ppb
Molybdenum	97-1	1714.04	1779.32	1755.76	1749.71	1.89	ppb
Molybdenum	98-1	1722.03	1774.23	1765.14	1753.80	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.31	24.21	24.27	24.26	0.21	ppb
Phosphorus	31-2	96999.07	96194.49	95676.96	96290.17	0.69	ppb
Potassium	39-2	93833.67	92598.49	93198.35	93210.17	0.66	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	18.34	19.06	20.65	19.35	6.09	ppb
Selenium	77-2	20.36	19.03	18.47	19.29	5.02	ppb
Selenium	78-2	20.56	19.60	19.37	19.84	3.16	ppb
Silicon	28-1	4.29	4.09	4.22	4.20	2.44	ppb
Silver	107-1	18.26	18.30	18.68	18.41	1.27	ppb
Silver	109-1	18.17	18.39	18.39	18.32	0.68	ppb
Sodium	23-2	97373.05	98682.62	97321.00	97792.22	0.79	ppb
Strontium	86-1	33.66	34.29	34.67	34.21	1.49	ppb
Strontium	88-1	33.10	33.92	34.14	33.72	1.63	ppb
Sulfur	34-1	97280.73	93902.24	94787.19	95323.39	1.84	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	20.17	20.65	20.15	20.32	1.38	ppb
Thallium	205-1	20.22	20.52	20.11	20.29	1.03	ppb
Tin	118-1	0.13	0.13	0.16	0.14	10.29	ppb
Titanium	47-1	1832.49	1773.76	1756.84	1787.69	2.22	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	7.71	ppb
Vanadium	51-2	19.78	19.88	19.93	19.86	0.38	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	29.10	29.12	28.99	29.07	0.24	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.20	ppb
Zirconium	91-1	0.02	0.03	0.05	0.03	43.85	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49376.01	48688.18	49291.19	49118.46	0.76	ppb
Antimony	121-1	487.46	486.56	494.34	489.46	0.87	ppb
Arsenic	75-2	483.17	485.74	480.04	482.98	0.59	ppb
Barium	135-1	2490.37	2469.50	2484.17	2481.35	0.43	ppb
Barium	137-1	2480.02	2512.54	2512.34	2501.63	0.75	ppb
Beryllium	9-1	510.47	492.12	505.82	502.80	1.90	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	499.60	496.68	506.40	500.89	1.00	ppb
Cadmium	106-1	504.14	509.76	515.65	509.85	1.13	ppb
Cadmium	111-1	508.04	505.64	504.52	506.07	0.36	ppb
Calcium	43-1	254452.19	253758.68	255042.84	254417.90	0.25	ppb
Calcium	44-1	250507.57	254704.66	253208.26	252806.83	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.26	489.81	493.47	490.84	0.47	ppb
Cobalt	59-2	512.17	504.70	515.79	510.89	1.11	ppb
Copper	63-2	4988.89	5009.75	5089.02	5029.22	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	126257.43	124273.37	125452.67	125327.82	0.80	ppb
Iron	57-2	124528.52	124691.89	124909.17	124709.86	0.15	ppb
Iron	54-2	128236.72	126489.46	126381.51	127035.90	0.82	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2541.89	2511.07	2592.04	2548.33	1.60	ppb
Lead	207-1	2529.13	2507.36	2564.54	2533.68	1.14	ppb
Lead	208-1	2514.95	2517.19	2572.38	2534.84	1.28	ppb
Lithium	6-1				106		%
Magnesium	24-2	259504.85	254973.96	257056.69	257178.50	0.88	ppb
Manganese	55-2	4878.33	4880.54	4922.35	4893.74	0.51	ppb
Molybdenum	94-1	5008.46	4986.94	5111.58	5035.66	1.32	ppb
Molybdenum	95-1	5085.87	5065.48	5125.95	5092.43	0.60	ppb
Molybdenum	96-1	5149.67	5063.52	5129.40	5114.20	0.88	ppb
Molybdenum	97-1	5016.82	5050.05	5167.04	5077.97	1.55	ppb
Molybdenum	98-1	5047.59	5004.86	5118.57	5057.01	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.75	489.69	493.19	491.21	0.37	ppb
Phosphorus	31-2	10051.79	9933.28	9993.89	9992.99	0.59	ppb
Potassium	39-2	122073.35	120026.72	118668.38	120256.15	1.43	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	486.57	481.74	489.46	485.92	0.80	ppb
Selenium	77-2	482.59	473.26	496.69	484.18	2.44	ppb
Selenium	78-2	468.61	468.72	480.51	472.61	1.45	ppb
Silicon	28-1	548.98	545.39	566.73	553.70	2.06	ppb
Silver	107-1	528.02	521.42	534.42	527.96	1.23	ppb
Silver	109-1	530.18	520.25	523.35	524.59	0.97	ppb
Sodium	23-2	251240.35	244614.14	247162.18	247672.22	1.35	ppb
Strontium	86-1	12503.18	12564.73	12581.31	12549.74	0.33	ppb
Strontium	88-1	12513.67	12406.39	12613.51	12511.19	0.83	ppb
Sulfur	34-1	8861.22	9035.56	9197.61	9031.46	1.86	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	503.95	495.89	515.14	504.99	1.91	ppb
Thallium	205-1	510.52	504.48	522.93	512.65	1.83	ppb
Tin	118-1	492.61	498.81	495.32	495.58	0.63	ppb
Titanium	47-1	4874.96	4971.27	4939.05	4928.43	0.99	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	513.01	518.99	524.60	518.87	1.12	ppb
Vanadium	51-2	501.78	504.68	505.23	503.90	0.37	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	5046.11	4919.32	4982.91	4982.78	1.27	ppb
Zirconium	90-1	502.98	499.44	512.29	504.90	1.31	ppb
Zirconium	91-1	517.11	508.70	522.06	515.96	1.31	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.29	1.23	1.31	6.53	ppb
Antimony	121-1	0.29	0.32	0.33	0.31	6.46	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	55.71	ppb
Barium	135-1	0.09	0.08	0.05	0.07	25.77	ppb
Barium	137-1	0.11	0.07	0.06	0.08	30.00	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	22.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.05	0.03	0.02	123.38	ppb
Cadmium	106-1	0.27	-0.30	0.38	0.12	310.93	ppb
Cadmium	111-1	0.08	0.01	0.05	0.05	78.89	ppb
Calcium	43-1	8.42	7.71	7.28	7.80	7.40	ppb
Calcium	44-1	12.45	9.30	7.40	9.72	26.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	0.02	0.01	130.19	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	374.72	ppb
Copper	63-2	0.03	0.03	0.01	0.02	46.88	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				100		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	2.35	2.20	2.03	2.19	7.41	ppb
Iron	57-2	0.98	-0.62	0.47	0.27	298.09	ppb
Iron	54-2	2.23	3.42	2.59	2.75	22.20	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.16	0.13	0.16	17.71	ppb
Lead	207-1	0.16	0.17	0.12	0.15	18.54	ppb
Lead	208-1	0.18	0.15	0.12	0.15	18.68	ppb
Lithium	6-1				112		%
Magnesium	24-2	5.58	5.02	4.66	5.09	9.02	ppb
Manganese	55-2	-0.01	-0.03	-0.01	-0.02		ppb
Molybdenum	94-1	0.41	0.43	0.40	0.41	3.21	ppb
Molybdenum	95-1	0.37	0.30	0.28	0.31	15.46	ppb
Molybdenum	96-1	0.37	0.32	0.30	0.33	10.00	ppb
Molybdenum	97-1	0.35	0.28	0.29	0.30	12.66	ppb
Molybdenum	98-1	0.34	0.30	0.26	0.30	12.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-16.88	-17.93	-17.18	-17.33		ppb
Potassium	39-2	25.88	22.69	22.70	23.75	7.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.30	-0.09	-0.09	0.04	537.58	ppb
Selenium	77-2	0.09	0.10	0.10	0.10	2.17	ppb
Selenium	78-2	0.38	-0.58	-1.03	-0.41		ppb
Silicon	28-1	0.27	0.25	0.20	0.24	13.84	ppb
Silver	107-1	0.07	0.06	0.06	0.06	15.72	ppb
Silver	109-1	0.07	0.06	0.05	0.06	12.47	ppb
Sodium	23-2	21.55	19.78	19.24	20.19	5.97	ppb
Strontium	86-1	0.51	0.40	0.32	0.41	23.81	ppb
Strontium	88-1	0.52	0.40	0.30	0.41	26.76	ppb
Sulfur	34-1	-804.76	-768.87	-763.09	-778.91		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.07	0.05	0.07	18.15	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	14.60	ppb
Tin	118-1	0.07	0.09	0.08	0.08	10.26	ppb
Titanium	47-1	0.26	0.23	0.25	0.24	6.43	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	20.32	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	49.44	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	0.23	0.24	0.13	0.20	29.46	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	3.97	ppb
Zirconium	91-1	0.10	0.09	0.08	0.09	12.60	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.24	0.27	0.25	8.03	ppb
Antimony	121-1	0.06	0.07	0.09	0.07	15.10	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	126.23	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	33.04	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	61.79	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.01	0.02	0.01	150.90	ppb
Cadmium	106-1	0.32	0.69	1.18	0.73	59.49	ppb
Cadmium	111-1	0.03	0.06	0.09	0.06	49.99	ppb
Calcium	43-1	1.31	0.93	1.33	1.19	18.86	ppb
Calcium	44-1	0.59	0.23	0.74	0.52	50.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.24	-0.23	-0.24	-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				100		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	-0.41	-0.43	-0.42	-0.42		ppb
Iron	57-2	-3.05	-1.53	-1.51	-2.03		ppb
Iron	54-2	0.46	0.00	0.21	0.22	102.31	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.03	0.03	0.04	23.71	ppb
Lead	207-1	0.03	0.04	0.04	0.04	10.24	ppb
Lead	208-1	0.04	0.04	0.03	0.04	12.85	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.89	0.94	0.81	0.88	7.48	ppb
Manganese	55-2	-0.06	-0.07	-0.06	-0.07		ppb
Molybdenum	94-1	0.08	0.08	0.10	0.09	8.74	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.05	15.02	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	9.53	ppb
Molybdenum	97-1	0.04	0.04	0.05	0.04	22.43	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.05	7.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	-16.91	-15.53	-16.25	-16.23		ppb
Potassium	39-2	10.77	11.38	13.21	11.79	10.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.00	0.61	0.41	0.34	91.05	ppb
Selenium	77-2	0.24	-0.05	-0.05	0.05	345.93	ppb
Selenium	78-2	-0.68	0.23	-1.23	-0.56		ppb
Silicon	28-1	-0.29	-0.30	-0.22	-0.27		ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.49	ppb
Sodium	23-2	8.60	9.35	9.22	9.06	4.42	ppb
Strontium	86-1	0.05	0.05	0.03	0.04	33.46	ppb
Strontium	88-1	0.04	0.03	0.02	0.03	21.88	ppb
Sulfur	34-1	-697.79	-678.23	-601.00	-659.00		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.03	0.03	12.26	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	2.57	ppb
Tin	118-1	0.03	0.03	0.04	0.04	20.43	ppb
Titanium	47-1	0.00	0.02	0.03	0.01	87.85	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	49.34	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	125.61	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.22	0.15	0.25	0.21	23.97	ppb
Zirconium	90-1	0.02	0.03	0.03	0.02	23.01	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	25.90	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.95	36.60	35.73	36.43	1.72	ppb
Antimony	121-1	3.40	3.42	3.43	3.41	0.50	ppb
Arsenic	75-2	1.92	1.99	1.97	1.96	1.80	ppb
Barium	135-1	15.98	15.91	16.38	16.09	1.54	ppb
Barium	137-1	16.25	16.07	16.44	16.26	1.14	ppb
Beryllium	9-1	1.70	1.70	1.72	1.71	0.71	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.23	2.08	2.19	2.17	3.61	ppb
Cadmium	106-1	2.55	1.70	2.14	2.13	20.02	ppb
Cadmium	111-1	2.39	2.41	2.36	2.38	1.12	ppb
Calcium	43-1	860.53	888.70	868.71	872.65	1.66	ppb
Calcium	44-1	869.79	892.10	875.72	879.20	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.98	3.93	4.00	3.97	0.94	ppb
Cobalt	59-2	1.84	1.81	1.81	1.82	1.09	ppb
Copper	63-2	3.32	3.40	3.34	3.35	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	365.23	365.04	369.30	366.52	0.66	ppb
Iron	57-2	370.87	375.34	378.59	374.93	1.03	ppb
Iron	54-2	382.90	384.01	386.40	384.44	0.47	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.55	1.62	1.58	1.58	2.35	ppb
Lead	207-1	1.58	1.58	1.60	1.59	0.92	ppb
Lead	208-1	1.58	1.59	1.59	1.59	0.29	ppb
Lithium	6-1				108		%
Magnesium	24-2	922.35	923.59	936.31	927.42	0.83	ppb
Manganese	55-2	1.79	1.75	1.77	1.77	1.37	ppb
Molybdenum	94-1	9.45	9.57	9.55	9.52	0.67	ppb
Molybdenum	95-1	7.83	7.90	7.78	7.84	0.77	ppb
Molybdenum	96-1	7.94	8.05	7.90	7.96	0.93	ppb
Molybdenum	97-1	8.02	7.87	7.75	7.88	1.77	ppb
Molybdenum	98-1	7.84	7.93	7.76	7.84	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	1.89	1.87	1.85	2.53	ppb
Phosphorus	31-2	-15.73	-15.52	-16.05	-15.76		ppb
Potassium	39-2	887.77	900.68	901.96	896.80	0.88	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	8.80	9.95	9.51	9.42	6.16	ppb
Selenium	77-2	10.26	9.98	8.23	9.49	11.56	ppb
Selenium	78-2	9.33	9.57	9.47	9.46	1.24	ppb
Silicon	28-1	3.39	3.63	3.61	3.54	3.77	ppb
Silver	107-1	1.65	1.72	1.74	1.70	2.74	ppb
Silver	109-1	1.68	1.68	1.74	1.70	1.81	ppb
Sodium	23-2	852.40	854.34	887.64	864.79	2.29	ppb
Strontium	86-1	1.77	1.79	1.76	1.77	0.79	ppb
Strontium	88-1	1.75	1.77	1.77	1.77	0.59	ppb
Sulfur	34-1	-528.13	-472.00	-513.15	-504.43		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	1.54	1.53	1.54	1.53	0.29	ppb
Thallium	205-1	1.52	1.53	1.51	1.52	0.80	ppb
Tin	118-1	0.04	0.03	0.04	0.03	15.83	ppb
Titanium	47-1	8.08	8.27	8.10	8.15	1.24	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.45	1.47	1.47	1.47	0.79	ppb
Vanadium	51-2	8.88	8.75	8.80	8.81	0.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	9.15	9.39	9.59	9.38	2.37	ppb
Zirconium	90-1	1.76	1.82	1.75	1.78	2.24	ppb
Zirconium	91-1	1.77	1.81	1.78	1.78	1.22	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.78	20.56	21.44	20.59	4.04	ppb
Antimony	121-1	1.98	2.00	1.99	1.99	0.45	ppb
Arsenic	75-2	1.13	1.11	1.13	1.12	1.36	ppb
Barium	135-1	9.43	9.53	9.35	9.44	0.94	ppb
Barium	137-1	9.28	9.35	9.41	9.34	0.69	ppb
Beryllium	9-1	0.91	0.98	0.98	0.95	4.22	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.26	1.51	1.36	1.38	9.01	ppb
Cadmium	106-1	1.93	2.06	1.61	1.86	12.38	ppb
Cadmium	111-1	1.38	1.38	1.28	1.35	4.23	ppb
Calcium	43-1	500.71	511.11	514.32	508.71	1.40	ppb
Calcium	44-1	512.46	515.62	518.43	515.50	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.36	2.42	2.32	2.37	2.06	ppb
Cobalt	59-2	1.06	1.06	1.05	1.06	0.30	ppb
Copper	63-2	1.83	1.80	1.76	1.80	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				100		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	221.13	222.52	222.68	222.11	0.38	ppb
Iron	57-2	217.81	220.75	221.87	220.14	0.95	ppb
Iron	54-2	227.00	225.98	230.76	227.91	1.10	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.24	1.23	1.21	1.23	1.34	ppb
Lead	207-1	1.18	1.22	1.15	1.18	2.88	ppb
Lead	208-1	1.20	1.21	1.18	1.20	1.62	ppb
Lithium	6-1				111		%
Magnesium	24-2	553.79	553.78	556.98	554.85	0.33	ppb
Manganese	55-2	1.02	1.02	1.06	1.03	2.30	ppb
Molybdenum	94-1	5.56	5.55	5.72	5.61	1.67	ppb
Molybdenum	95-1	4.61	4.69	4.62	4.64	0.99	ppb
Molybdenum	96-1	4.66	4.77	4.81	4.75	1.68	ppb
Molybdenum	97-1	4.69	4.58	4.82	4.70	2.48	ppb
Molybdenum	98-1	4.56	4.72	4.69	4.66	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.19	1.13	1.13	5.07	ppb
Phosphorus	31-2	-12.55	-10.57	-9.70	-10.94		ppb
Potassium	39-2	544.42	546.97	552.87	548.09	0.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.98	6.20	5.61	5.93	5.03	ppb
Selenium	77-2	5.06	6.00	4.96	5.34	10.75	ppb
Selenium	78-2	5.15	5.91	5.74	5.60	7.10	ppb
Silicon	28-1	2.09	1.89	2.03	2.00	5.22	ppb
Silver	107-1	0.99	1.01	1.00	1.00	1.06	ppb
Silver	109-1	0.99	1.03	1.02	1.01	2.28	ppb
Sodium	23-2	537.94	532.25	537.93	536.04	0.61	ppb
Strontium	86-1	0.97	1.03	1.01	1.00	2.95	ppb
Strontium	88-1	1.02	1.05	1.07	1.05	2.04	ppb
Sulfur	34-1	-457.44	-528.58	-429.55	-471.86		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.90	0.92	0.89	0.91	1.59	ppb
Thallium	205-1	0.88	0.89	0.89	0.88	0.44	ppb
Tin	118-1	0.03	0.02	0.02	0.02	18.31	ppb
Titanium	47-1	4.72	4.70	4.75	4.72	0.59	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.86	0.85	0.85	0.28	ppb
Vanadium	51-2	5.21	5.09	5.22	5.17	1.34	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	6.33	6.23	6.14	6.24	1.50	ppb
Zirconium	90-1	1.04	1.03	1.07	1.05	1.68	ppb
Zirconium	91-1	1.07	1.07	1.05	1.06	1.30	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.27	10.66	9.63	9.85	7.32	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	9.97	ppb
Arsenic	75-2	0.01	-0.01	0.01	0.00	555.14	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	0.09	0.05	0.03	253.29	ppb
Cadmium	106-1	0.87	0.34	-0.20	0.34	158.29	ppb
Cadmium	111-1	0.07	0.02	-0.01	0.03	169.27	ppb
Calcium	43-1	-0.29	1.39	-0.12	0.33	282.71	ppb
Calcium	44-1	-3.41	-1.71	-2.11	-2.41		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.34	-0.33	-0.35	-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				100		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	-0.65	-0.65	-0.55	-0.61		ppb
Iron	57-2	-2.63	-1.17	-1.47	-1.76		ppb
Iron	54-2	-0.30	0.79	0.80	0.43	147.13	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.00	0.01	29.37	ppb
Lead	207-1	0.01	0.02	0.01	0.01	27.95	ppb
Lead	208-1	0.01	0.01	0.01	0.01	16.25	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.28	0.42	0.19	0.29	39.40	ppb
Manganese	55-2	0.00	0.02	-0.03	0.00		ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	5.03	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	77.43	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	35.33	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	26.53	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.01	79.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.01	-0.02		ppb
Phosphorus	31-2	-18.12	-18.63	-15.12	-17.29		ppb
Potassium	39-2	4.84	11.80	7.86	8.16	42.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.28	0.24	0.66	0.39	59.59	ppb
Selenium	77-2	-0.05	-0.05	0.10	0.00	98487.22	ppb
Selenium	78-2	-0.05	0.64	1.69	0.76	115.13	ppb
Silicon	28-1	-0.33	-0.03	-0.12	-0.16		ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.33	ppb
Silver	109-1	0.01	0.01	0.01	0.01	4.88	ppb
Sodium	23-2	4.42	8.41	5.24	6.02	34.98	ppb
Strontium	86-1	0.01	0.03	0.00	0.01	99.07	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	28.68	ppb
Sulfur	34-1	-525.78	-409.06	-439.42	-458.09		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	5.91	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	30.26	ppb
Tin	118-1	0.01	0.01	0.01	0.01	46.91	ppb
Titanium	47-1	0.00	-0.01	-0.02	-0.01		ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	214.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.16	0.10	0.30	0.19	52.70	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	32.71	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	16.52	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.11	34.04	34.43	34.19	0.61	ppb
Antimony	121-1	3.29	3.39	3.30	3.33	1.65	ppb
Arsenic	75-2	1.79	1.89	1.73	1.81	4.38	ppb
Barium	135-1	15.94	15.75	15.73	15.81	0.73	ppb
Barium	137-1	15.93	15.93	15.87	15.91	0.21	ppb
Beryllium	9-1	1.65	1.66	1.63	1.65	0.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.99	1.99	2.66	2.21	17.48	ppb
Cadmium	106-1	3.49	1.75	1.72	2.32	43.81	ppb
Cadmium	111-1	2.40	2.34	2.32	2.35	1.70	ppb
Calcium	43-1	857.39	862.23	854.88	858.17	0.44	ppb
Calcium	44-1	854.78	860.31	867.49	860.86	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.81	3.85	4.00	3.88	2.51	ppb
Cobalt	59-2	1.76	1.76	1.78	1.77	0.79	ppb
Copper	63-2	3.20	3.21	3.18	3.20	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				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	358.10	355.27	355.24	356.20	0.46	ppb
Iron	57-2	368.08	365.11	372.27	368.49	0.98	ppb
Iron	54-2	376.69	378.40	381.20	378.77	0.60	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.51	1.50	1.53	1.52	1.20	ppb
Lead	207-1	1.53	1.51	1.52	1.52	0.47	ppb
Lead	208-1	1.52	1.49	1.54	1.52	1.35	ppb
Lithium	6-1				106		%
Magnesium	24-2	910.02	918.67	933.00	920.56	1.26	ppb
Manganese	55-2	1.74	1.71	1.82	1.76	3.27	ppb
Molybdenum	94-1	9.29	9.35	9.27	9.30	0.46	ppb
Molybdenum	95-1	7.55	7.90	7.70	7.71	2.31	ppb
Molybdenum	96-1	7.69	7.86	7.87	7.81	1.34	ppb
Molybdenum	97-1	7.63	7.90	7.67	7.73	1.89	ppb
Molybdenum	98-1	7.60	7.72	7.62	7.65	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.84	1.83	1.84	1.83	0.33	ppb
Phosphorus	31-2	-17.53	-16.69	-16.44	-16.89		ppb
Potassium	39-2	877.34	869.52	879.58	875.48	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	8.93	9.07	9.08	9.03	0.96	ppb
Selenium	77-2	8.46	12.10	8.17	9.58	22.87	ppb
Selenium	78-2	7.73	7.56	9.39	8.22	12.27	ppb
Silicon	28-1	3.44	3.66	3.64	3.58	3.33	ppb
Silver	107-1	1.68	1.72	1.71	1.70	1.14	ppb
Silver	109-1	1.70	1.68	1.70	1.69	0.69	ppb
Sodium	23-2	846.60	844.45	891.66	860.91	3.10	ppb
Strontium	86-1	1.66	1.78	1.71	1.72	3.38	ppb
Strontium	88-1	1.70	1.76	1.73	1.73	1.73	ppb
Sulfur	34-1	-347.41	-272.42	-292.18	-304.00		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	1.48	1.46	1.52	1.49	1.81	ppb
Thallium	205-1	1.47	1.45	1.49	1.47	1.48	ppb
Tin	118-1	0.02	0.04	0.04	0.03	31.15	ppb
Titanium	47-1	8.10	8.18	8.03	8.10	0.90	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.42	1.39	1.42	1.41	1.34	ppb
Vanadium	51-2	8.67	8.52	8.60	8.60	0.87	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	9.16	9.40	9.12	9.23	1.65	ppb
Zirconium	90-1	1.71	1.77	1.71	1.73	1.74	ppb
Zirconium	91-1	1.77	1.69	1.79	1.75	3.01	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.08	20.74	20.05	20.62	2.56	ppb
Antimony	121-1	1.96	2.00	2.06	2.00	2.48	ppb
Arsenic	75-2	0.99	1.00	1.09	1.03	5.39	ppb
Barium	135-1	9.27	9.33	9.48	9.36	1.13	ppb
Barium	137-1	9.13	9.42	9.30	9.29	1.57	ppb
Beryllium	9-1	1.02	0.92	0.97	0.97	4.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.34	1.18	1.28	1.27	6.55	ppb
Cadmium	106-1	1.78	2.30	0.68	1.59	52.16	ppb
Cadmium	111-1	1.21	1.28	1.17	1.22	4.46	ppb
Calcium	43-1	497.52	505.62	513.19	505.45	1.55	ppb
Calcium	44-1	500.15	500.43	506.20	502.26	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.36	2.29	2.32	2.32	1.42	ppb
Cobalt	59-2	1.05	1.04	1.07	1.05	1.34	ppb
Copper	63-2	1.80	1.77	1.73	1.77	1.89	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				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	222.06	222.33	220.61	221.66	0.42	ppb
Iron	57-2	220.61	219.71	219.67	220.00	0.24	ppb
Iron	54-2	228.78	230.40	222.12	227.10	1.93	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	0.92	0.91	0.91	1.40	ppb
Lead	207-1	0.94	0.92	0.94	0.93	1.05	ppb
Lead	208-1	0.94	0.91	0.92	0.92	1.44	ppb
Lithium	6-1				108		%
Magnesium	24-2	555.06	546.40	548.16	549.87	0.83	ppb
Manganese	55-2	1.04	0.99	1.04	1.02	2.96	ppb
Molybdenum	94-1	5.44	5.51	5.55	5.50	1.03	ppb
Molybdenum	95-1	4.61	4.60	4.59	4.60	0.18	ppb
Molybdenum	96-1	4.74	4.73	4.72	4.73	0.22	ppb
Molybdenum	97-1	4.65	4.46	4.56	4.56	2.08	ppb
Molybdenum	98-1	4.49	4.69	4.59	4.59	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.04	1.09	1.06	3.21	ppb
Phosphorus	31-2	-12.49	-16.98	-17.36	-15.61		ppb
Potassium	39-2	528.42	525.49	524.60	526.17	0.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	5.74	5.76	5.64	5.71	1.11	ppb
Selenium	77-2	5.41	5.71	6.64	5.92	10.86	ppb
Selenium	78-2	6.22	4.91	4.42	5.18	18.01	ppb
Silicon	28-1	1.89	1.90	1.91	1.90	0.41	ppb
Silver	107-1	0.95	1.01	1.02	0.99	3.63	ppb
Silver	109-1	0.97	1.01	1.01	1.00	2.28	ppb
Sodium	23-2	535.48	532.77	530.06	532.77	0.51	ppb
Strontium	86-1	1.03	1.05	1.05	1.05	1.14	ppb
Strontium	88-1	1.03	1.02	1.05	1.03	1.84	ppb
Sulfur	34-1	-320.15	-285.19	-310.02	-305.12		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.92	0.89	0.89	0.90	1.89	ppb
Thallium	205-1	0.88	0.87	0.91	0.89	2.34	ppb
Tin	118-1	0.00	0.01	0.00	0.00	135.59	ppb
Titanium	47-1	4.81	4.70	4.76	4.76	1.21	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.84	0.85	0.85	0.37	ppb
Vanadium	51-2	5.16	5.26	5.05	5.16	2.11	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	5.37	5.57	5.50	5.48	1.81	ppb
Zirconium	90-1	1.03	1.03	1.04	1.03	0.90	ppb
Zirconium	91-1	1.05	1.07	1.03	1.05	1.76	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70383.25	69254.29	70389.55	70009.03	0.93	ppb
Antimony	121-1	0.85	0.86	0.84	0.85	1.46	ppb
Arsenic	75-2	74.57	75.68	73.24	74.50	1.64	ppb
Barium	135-1	256.32	256.93	253.67	255.64	0.68	ppb
Barium	137-1	257.28	257.69	254.86	256.61	0.60	ppb
Beryllium	9-1	1.21	1.25	1.26	1.24	2.30	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.73	2.28	2.71	2.57	9.80	ppb
Cadmium	106-1	2.18	1.58	0.27	1.34	72.63	ppb
Cadmium	111-1	0.21	0.21	0.09	0.17	41.60	ppb
Calcium	43-1	16169.95	16524.68	16378.69	16357.77	1.09	ppb
Calcium	44-1	15339.66	15486.80	15593.33	15473.26	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	401.37	396.30	404.30	400.66	1.01	ppb
Cobalt	59-2	103.99	103.60	105.67	104.42	1.06	ppb
Copper	63-2	314.76	315.33	320.23	316.77	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	127581.60	127628.58	130069.18	128426.45	1.11	ppb
Iron	57-2	123728.38	125769.35	128274.09	125923.94	1.81	ppb
Iron	54-2	128462.87	129209.94	131903.56	129858.79	1.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.48	7.71	7.63	7.61	1.57	ppb
Lead	207-1	7.03	7.21	7.11	7.12	1.27	ppb
Lead	208-1	7.21	7.41	7.34	7.32	1.33	ppb
Lithium	6-1				98		%
Magnesium	24-2	38069.92	38099.00	38527.25	38232.06	0.67	ppb
Manganese	55-2	2049.04	2059.10	2091.82	2066.65	1.08	ppb
Molybdenum	94-1	11.28	11.47	11.28	11.34	0.98	ppb
Molybdenum	95-1	0.99	0.98	1.01	0.99	1.27	ppb
Molybdenum	96-1	2.81	2.81	2.85	2.82	0.74	ppb
Molybdenum	97-1	0.99	1.01	1.01	1.00	0.99	ppb
Molybdenum	98-1	0.99	0.98	0.93	0.97	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	198.41	198.68	199.54	198.88	0.30	ppb
Phosphorus	31-2	444.58	430.30	439.01	437.96	1.64	ppb
Potassium	39-2	1190.66	1181.75	1218.51	1196.97	1.60	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	1.28	0.88	0.88	1.01	22.69	ppb
Selenium	77-2	7.92	5.48	6.83	6.75	18.11	ppb
Selenium	78-2	1.81	3.52	2.94	2.76	31.46	ppb
Silicon	28-1	1233.54	1223.74	1272.54	1243.27	2.08	ppb
Silver	107-1	0.16	0.14	0.12	0.14	12.28	ppb
Silver	109-1	0.16	0.13	0.12	0.13	15.81	ppb
Sodium	23-2	223.32	221.73	225.61	223.55	0.87	ppb
Strontium	86-1	56.27	57.40	57.29	56.99	1.10	ppb
Strontium	88-1	56.87	58.60	58.43	57.97	1.65	ppb
Sulfur	34-1	-1357.83	-1498.69	-1640.92	-1499.15		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.19	0.19	0.19	2.06	ppb
Thallium	205-1	0.18	0.20	0.20	0.19	6.04	ppb
Tin	118-1	2.61	3.55	2.53	2.90	19.57	ppb
Titanium	47-1	2886.28	3004.60	2987.32	2959.40	2.16	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.46	0.46	0.46	0.46	0.77	ppb
Vanadium	51-2	239.00	239.94	245.24	241.39	1.39	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	140.15	141.21	143.37	141.58	1.16	ppb
Zirconium	90-1	6.21	6.34	6.30	6.28	1.07	ppb
Zirconium	91-1	6.20	6.31	6.46	6.32	2.04	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66721.46	66025.92	66142.90	66296.76	0.56	ppb
Antimony	121-1	0.89	0.89	0.91	0.90	0.84	ppb
Arsenic	75-2	79.76	79.92	78.16	79.28	1.23	ppb
Barium	135-1	303.93	308.34	307.77	306.68	0.78	ppb
Barium	137-1	315.04	328.21	324.39	322.55	2.10	ppb
Beryllium	9-1	1.41	1.45	1.49	1.45	3.06	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.23	2.31	2.41	2.31	3.96	ppb
Cadmium	106-1	2.93	1.54	2.20	2.22	31.44	ppb
Cadmium	111-1	0.86	0.71	0.79	0.79	9.56	ppb
Calcium	43-1	12834.57	13096.38	13121.25	13017.40	1.22	ppb
Calcium	44-1	12319.86	12477.61	12271.06	12356.18	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	329.40	327.27	324.06	326.91	0.82	ppb
Cobalt	59-2	90.54	89.17	89.99	89.90	0.76	ppb
Copper	63-2	283.12	277.10	280.79	280.34	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	122712.83	116818.30	121206.35	120245.82	2.55	ppb
Iron	57-2	119062.19	116206.19	118045.41	117771.26	1.23	ppb
Iron	54-2	121958.21	121259.77	123741.54	122319.84	1.05	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.89	19.00	18.92	18.94	0.32	ppb
Lead	207-1	17.80	18.11	18.42	18.11	1.71	ppb
Lead	208-1	18.35	18.53	18.54	18.47	0.56	ppb
Lithium	6-1				101		%
Magnesium	24-2	36773.32	36387.15	37126.51	36762.32	1.01	ppb
Manganese	55-2	2054.97	2002.37	2052.86	2036.73	1.46	ppb
Molybdenum	94-1	9.90	10.24	10.13	10.09	1.72	ppb
Molybdenum	95-1	0.79	0.78	0.74	0.77	3.62	ppb
Molybdenum	96-1	2.40	2.43	2.38	2.41	0.97	ppb
Molybdenum	97-1	0.76	0.80	0.79	0.78	2.39	ppb
Molybdenum	98-1	0.77	0.75	0.73	0.75	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	191.36	186.98	187.97	188.77	1.22	ppb
Phosphorus	31-2	657.23	631.74	629.69	639.55	2.40	ppb
Potassium	39-2	1844.95	1835.23	1853.35	1844.51	0.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	1.31	1.19	1.67	1.39	18.26	ppb
Selenium	77-2	11.06	9.83	10.92	10.61	6.35	ppb
Selenium	78-2	2.49	2.83	2.12	2.48	14.38	ppb
Silicon	28-1	1310.57	1354.42	1312.65	1325.88	1.87	ppb
Silver	107-1	0.44	0.47	0.48	0.47	3.93	ppb
Silver	109-1	0.46	0.49	0.49	0.48	3.44	ppb
Sodium	23-2	177.81	175.94	182.79	178.85	1.98	ppb
Strontium	86-1	55.88	56.65	56.30	56.28	0.69	ppb
Strontium	88-1	56.81	58.06	56.97	57.28	1.18	ppb
Sulfur	34-1	-1776.37	-1719.61	-1745.70	-1747.23		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.22	0.26	0.27	0.25	9.97	ppb
Thallium	205-1	0.23	0.25	0.26	0.25	6.69	ppb
Tin	118-1	2.65	2.75	2.71	2.70	1.92	ppb
Titanium	47-1	1712.89	1751.59	1728.83	1731.10	1.12	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.76	0.75	0.75	1.24	ppb
Vanadium	51-2	262.73	256.61	255.83	258.39	1.46	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	152.72	150.50	154.17	152.47	1.21	ppb
Zirconium	90-1	5.59	5.72	5.55	5.62	1.59	ppb
Zirconium	91-1	5.82	5.84	5.78	5.81	0.52	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44809.48	44264.88	44754.34	44609.57	0.67	ppb
Antimony	121-1	1.59	1.62	1.63	1.61	0.96	ppb
Arsenic	75-2	162.04	162.04	161.36	161.81	0.24	ppb
Barium	135-1	585.05	586.89	574.37	582.10	1.16	ppb
Barium	137-1	571.57	585.64	588.83	582.01	1.58	ppb
Beryllium	9-1	2.15	2.32	2.22	2.23	3.69	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.72	2.77	2.87	2.78	2.76	ppb
Cadmium	106-1	5.06	5.14	3.87	4.69	15.20	ppb
Cadmium	111-1	1.63	1.71	1.57	1.63	4.25	ppb
Calcium	43-1	98972.96	102144.43	100802.58	100639.99	1.58	ppb
Calcium	44-1	99347.60	103030.52	102927.05	101768.39	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.98	99.82	100.09	100.63	1.17	ppb
Cobalt	59-2	53.37	52.76	52.39	52.84	0.94	ppb
Copper	63-2	413.00	402.11	400.55	405.22	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	103593.06	103046.07	102024.56	102887.89	0.77	ppb
Iron	57-2	103570.60	102778.19	102006.41	102785.07	0.76	ppb
Iron	54-2	103648.65	104929.65	104872.81	104483.71	0.69	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.79	95.80	94.62	94.40	1.61	ppb
Lead	207-1	91.24	94.47	93.28	93.00	1.76	ppb
Lead	208-1	97.54	99.78	99.33	98.89	1.20	ppb
Lithium	6-1				97		%
Magnesium	24-2	23392.98	23349.43	23475.88	23406.10	0.27	ppb
Manganese	55-2	5102.06	5152.90	5210.60	5155.19	1.05	ppb
Molybdenum	94-1	23.74	24.50	24.53	24.26	1.84	ppb
Molybdenum	95-1	0.96	1.00	0.97	0.98	2.47	ppb
Molybdenum	96-1	3.86	3.96	3.91	3.91	1.28	ppb
Molybdenum	97-1	0.84	0.95	0.92	0.90	6.11	ppb
Molybdenum	98-1	0.88	0.89	0.90	0.89	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.61	105.89	105.72	106.07	0.45	ppb
Phosphorus	31-2	2847.24	2884.64	2860.37	2864.08	0.66	ppb
Potassium	39-2	8804.52	8760.32	8861.92	8808.92	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.80	1.95	1.82	1.86	4.35	ppb
Selenium	77-2	18.94	18.24	21.65	19.61	9.17	ppb
Selenium	78-2	4.98	5.13	5.05	5.06	1.43	ppb
Silicon	28-1	1279.10	1313.27	1299.22	1297.19	1.32	ppb
Silver	107-1	1.10	1.16	1.16	1.14	3.18	ppb
Silver	109-1	1.11	1.13	1.16	1.14	2.12	ppb
Sodium	23-2	228.91	230.96	233.08	230.98	0.90	ppb
Strontium	86-1	85.95	87.93	88.72	87.53	1.63	ppb
Strontium	88-1	87.59	89.19	89.06	88.62	1.00	ppb
Sulfur	34-1	-190.77	-43.53	-53.11	-95.80		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.58	0.63	0.64	0.62	4.76	ppb
Thallium	205-1	0.58	0.62	0.59	0.60	3.03	ppb
Tin	118-1	4.48	4.50	4.47	4.48	0.30	ppb
Titanium	47-1	876.37	882.24	886.82	881.81	0.59	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.79	0.78	0.78	1.41	ppb
Vanadium	51-2	201.04	193.68	200.09	198.27	2.02	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	339.44	336.32	336.66	337.47	0.51	ppb
Zirconium	90-1	13.74	14.17	14.22	14.04	1.88	ppb
Zirconium	91-1	13.91	14.07	14.31	14.10	1.40	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39042.90	39228.05	39243.49	39171.48	0.28	ppb
Antimony	121-1	1.67	1.69	1.69	1.68	0.91	ppb
Arsenic	75-2	152.41	153.63	151.73	152.59	0.63	ppb
Barium	135-1	533.42	528.35	535.16	532.31	0.66	ppb
Barium	137-1	530.46	537.24	553.67	540.46	2.21	ppb
Beryllium	9-1	1.91	2.04	1.85	1.93	4.89	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	1.95	1.86	2.02	9.97	ppb
Cadmium	106-1	4.48	4.23	3.60	4.10	11.01	ppb
Cadmium	111-1	1.34	1.34	1.29	1.33	2.34	ppb
Calcium	43-1	98029.31	103409.91	101106.42	100848.55	2.68	ppb
Calcium	44-1	99688.83	102174.90	102390.21	101417.98	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89.70	90.50	90.56	90.25	0.53	ppb
Cobalt	59-2	43.67	44.17	44.29	44.04	0.75	ppb
Copper	63-2	188.20	182.73	186.06	185.66	1.48	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				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	85328.58	85546.66	87401.08	86092.11	1.32	ppb
Iron	57-2	85115.86	86563.45	86017.11	85898.81	0.85	ppb
Iron	54-2	87887.76	87521.04	87814.64	87741.15	0.22	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.67	68.06	69.50	68.41	1.41	ppb
Lead	207-1	66.74	67.17	68.36	67.42	1.25	ppb
Lead	208-1	67.19	67.11	68.80	67.70	1.41	ppb
Lithium	6-1				96		%
Magnesium	24-2	19866.86	19675.32	20412.92	19985.03	1.92	ppb
Manganese	55-2	3361.17	3351.66	3397.71	3370.18	0.72	ppb
Molybdenum	94-1	20.39	21.17	20.70	20.76	1.89	ppb
Molybdenum	95-1	1.00	1.08	1.00	1.02	4.28	ppb
Molybdenum	96-1	3.44	3.59	3.48	3.50	2.31	ppb
Molybdenum	97-1	0.95	0.99	0.94	0.96	2.86	ppb
Molybdenum	98-1	0.93	0.93	0.96	0.94	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.18	91.92	91.87	91.33	1.08	ppb
Phosphorus	31-2	2272.83	2264.94	2267.56	2268.44	0.18	ppb
Potassium	39-2	6609.74	6649.80	6702.90	6654.15	0.70	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	1.28	1.66	1.61	1.52	13.38	ppb
Selenium	77-2	16.86	17.34	16.68	16.96	2.03	ppb
Selenium	78-2	3.93	5.19	4.22	4.45	14.90	ppb
Silicon	28-1	1314.24	1323.60	1304.54	1314.13	0.73	ppb
Silver	107-1	0.60	0.58	0.61	0.60	2.66	ppb
Silver	109-1	0.62	0.61	0.65	0.63	3.67	ppb
Sodium	23-2	181.47	185.41	189.40	185.43	2.14	ppb
Strontium	86-1	80.00	82.42	80.83	81.08	1.51	ppb
Strontium	88-1	80.55	83.21	81.06	81.61	1.73	ppb
Sulfur	34-1	-395.93	-367.12	-342.78	-368.61		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.46	0.50	0.49	0.48	4.33	ppb
Thallium	205-1	0.46	0.48	0.49	0.48	3.21	ppb
Tin	118-1	4.77	4.84	4.92	4.84	1.52	ppb
Titanium	47-1	831.14	857.28	842.07	843.50	1.56	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.70	0.73	0.70	2.66	ppb
Vanadium	51-2	173.11	174.34	175.46	174.31	0.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	232.68	236.21	235.53	234.81	0.80	ppb
Zirconium	90-1	11.63	12.01	12.05	11.90	1.96	ppb
Zirconium	91-1	12.10	12.21	12.23	12.18	0.56	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44504.03	43890.09	43448.87	43947.66	1.21	ppb
Antimony	121-1	1.72	1.77	1.78	1.76	1.92	ppb
Arsenic	75-2	175.95	172.79	176.09	174.94	1.07	ppb
Barium	135-1	458.49	455.96	474.83	463.09	2.21	ppb
Barium	137-1	467.81	467.09	479.75	471.55	1.51	ppb
Beryllium	9-1	2.18	2.11	2.21	2.17	2.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.33	1.72	1.51	12.86	ppb
Cadmium	106-1	3.32	3.67	3.51	3.50	5.04	ppb
Cadmium	111-1	0.73	0.74	0.69	0.72	3.90	ppb
Calcium	43-1	136140.03	140735.81	140088.50	138988.11	1.79	ppb
Calcium	44-1	138843.17	141870.01	139849.06	140187.41	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.39	99.17	99.89	99.82	0.61	ppb
Cobalt	59-2	47.10	47.24	47.31	47.22	0.23	ppb
Copper	63-2	117.56	118.08	115.68	117.11	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	94284.93	94189.33	94004.55	94159.60	0.15	ppb
Iron	57-2	93511.18	94027.12	94797.04	94111.78	0.69	ppb
Iron	54-2	95231.25	94353.55	94823.29	94802.70	0.46	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.16	33.34	34.04	33.52	1.39	ppb
Lead	207-1	32.05	31.87	33.26	32.40	2.33	ppb
Lead	208-1	32.25	32.73	33.56	32.84	2.02	ppb
Lithium	6-1				96		%
Magnesium	24-2	21374.82	21533.08	21246.22	21384.71	0.67	ppb
Manganese	55-2	2595.55	2550.56	2617.58	2587.90	1.32	ppb
Molybdenum	94-1	18.18	18.81	18.63	18.54	1.76	ppb
Molybdenum	95-1	0.78	0.81	0.80	0.80	1.86	ppb
Molybdenum	96-1	3.11	3.25	3.19	3.19	2.12	ppb
Molybdenum	97-1	0.73	0.77	0.77	0.76	3.19	ppb
Molybdenum	98-1	0.76	0.73	0.76	0.75	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.48	102.63	103.17	102.76	0.35	ppb
Phosphorus	31-2	2088.42	2059.75	2019.57	2055.92	1.68	ppb
Potassium	39-2	6658.40	6806.79	6765.90	6743.70	1.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	1.98	1.51	1.59	1.69	15.04	ppb
Selenium	77-2	20.04	16.75	18.53	18.44	8.92	ppb
Selenium	78-2	3.06	3.86	3.67	3.53	11.97	ppb
Silicon	28-1	1223.30	1332.14	1261.18	1272.21	4.34	ppb
Silver	107-1	0.18	0.19	0.21	0.19	6.19	ppb
Silver	109-1	0.18	0.21	0.21	0.20	7.31	ppb
Sodium	23-2	182.07	183.13	186.02	183.74	1.11	ppb
Strontium	86-1	94.55	96.75	95.94	95.75	1.16	ppb
Strontium	88-1	93.81	95.55	95.79	95.05	1.14	ppb
Sulfur	34-1	-543.86	-387.18	-516.40	-482.48		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.41	0.41	0.42	0.41	1.06	ppb
Thallium	205-1	0.38	0.40	0.40	0.40	2.70	ppb
Tin	118-1	3.01	3.10	3.16	3.09	2.47	ppb
Titanium	47-1	937.26	947.68	943.28	942.74	0.55	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.78	0.80	0.78	2.67	ppb
Vanadium	51-2	188.93	189.19	187.80	188.64	0.39	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	176.64	175.12	175.32	175.69	0.47	ppb
Zirconium	90-1	10.83	10.80	10.92	10.85	0.57	ppb
Zirconium	91-1	10.60	10.96	11.09	10.88	2.32	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48390.00	47037.73	46692.74	47373.49	1.89	ppb
Antimony	121-1	1.26	1.31	1.28	1.28	1.86	ppb
Arsenic	75-2	199.32	201.45	199.70	200.15	0.57	ppb
Barium	135-1	610.02	617.03	610.69	612.58	0.63	ppb
Barium	137-1	608.87	615.05	616.51	613.48	0.66	ppb
Beryllium	9-1	2.52	2.41	2.65	2.53	4.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.55	1.73	1.76	1.68	6.79	ppb
Cadmium	106-1	4.31	3.64	3.04	3.66	17.25	ppb
Cadmium	111-1	0.69	0.69	0.58	0.66	9.37	ppb
Calcium	43-1	138983.12	142969.39	142006.14	141319.55	1.47	ppb
Calcium	44-1	143831.58	144001.52	141871.07	143234.73	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.80	105.11	104.67	105.86	1.60	ppb
Cobalt	59-2	54.69	53.65	53.88	54.07	1.02	ppb
Copper	63-2	115.36	112.51	111.84	113.24	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	105945.98	103474.46	103743.65	104388.03	1.30	ppb
Iron	57-2	105574.59	102878.13	103344.27	103932.33	1.39	ppb
Iron	54-2	106419.68	104261.88	104663.71	105115.09	1.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.01	29.47	29.11	29.20	0.83	ppb
Lead	207-1	27.60	27.68	27.82	27.70	0.40	ppb
Lead	208-1	28.20	28.41	28.41	28.34	0.44	ppb
Lithium	6-1				94		%
Magnesium	24-2	24043.05	23528.77	23737.49	23769.77	1.09	ppb
Manganese	55-2	3678.80	3630.89	3649.34	3653.01	0.66	ppb
Molybdenum	94-1	21.64	21.75	21.92	21.77	0.65	ppb
Molybdenum	95-1	1.00	1.02	1.03	1.02	1.56	ppb
Molybdenum	96-1	3.64	3.81	3.77	3.74	2.40	ppb
Molybdenum	97-1	0.96	0.98	1.03	0.99	3.40	ppb
Molybdenum	98-1	0.99	0.97	0.94	0.97	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.27	110.86	111.32	112.15	1.65	ppb
Phosphorus	31-2	2088.93	2065.96	2069.49	2074.79	0.60	ppb
Potassium	39-2	7001.94	6947.69	6887.79	6945.81	0.82	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.96	1.95	1.92	1.61	35.04	ppb
Selenium	77-2	18.57	18.98	21.03	19.53	6.73	ppb
Selenium	78-2	4.40	4.40	4.31	4.37	1.19	ppb
Silicon	28-1	1272.69	1281.40	1244.87	1266.32	1.51	ppb
Silver	107-1	0.14	0.14	0.15	0.14	5.02	ppb
Silver	109-1	0.13	0.14	0.15	0.14	7.19	ppb
Sodium	23-2	182.78	180.74	185.49	183.01	1.30	ppb
Strontium	86-1	107.83	108.50	110.28	108.87	1.16	ppb
Strontium	88-1	110.51	109.86	110.69	110.35	0.39	ppb
Sulfur	34-1	-454.35	-532.10	-504.70	-497.05		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.44	0.44	0.43	0.44	0.83	ppb
Thallium	205-1	0.45	0.44	0.44	0.44	0.53	ppb
Tin	118-1	2.67	2.77	2.80	2.74	2.51	ppb
Titanium	47-1	903.87	897.56	907.99	903.14	0.58	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.87	0.84	0.85	1.73	ppb
Vanadium	51-2	216.90	212.04	206.35	211.76	2.49	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	173.63	170.31	169.91	171.28	1.19	ppb
Zirconium	90-1	12.48	12.57	12.70	12.58	0.87	ppb
Zirconium	91-1	12.59	12.77	12.67	12.68	0.69	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53590.39	53044.80	53752.20	53462.46	0.69	ppb
Antimony	121-1	1.33	1.40	1.39	1.37	2.68	ppb
Arsenic	75-2	232.31	226.95	229.05	229.43	1.18	ppb
Barium	135-1	584.03	592.16	587.22	587.80	0.70	ppb
Barium	137-1	580.66	607.30	583.82	590.60	2.46	ppb
Beryllium	9-1	2.49	2.59	2.49	2.52	2.22	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	1.69	1.79	1.76	3.29	ppb
Cadmium	106-1	4.14	4.09	3.74	3.99	5.44	ppb
Cadmium	111-1	0.85	0.81	0.79	0.81	4.03	ppb
Calcium	43-1	141485.22	144830.40	140993.14	142436.25	1.47	ppb
Calcium	44-1	142338.23	146821.44	144024.37	144394.68	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.16	128.32	128.39	129.29	1.25	ppb
Cobalt	59-2	59.81	58.91	59.17	59.30	0.78	ppb
Copper	63-2	138.96	136.79	138.69	138.15	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	116809.05	115578.61	114897.75	115761.80	0.84	ppb
Iron	57-2	115743.18	115193.60	114097.20	115011.33	0.73	ppb
Iron	54-2	116499.46	116298.63	116645.25	116481.12	0.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.58	36.83	36.85	36.75	0.41	ppb
Lead	207-1	34.41	35.72	35.30	35.15	1.90	ppb
Lead	208-1	35.24	36.08	35.86	35.73	1.21	ppb
Lithium	6-1				94		%
Magnesium	24-2	27596.93	27338.34	26991.12	27308.80	1.11	ppb
Manganese	55-2	3277.33	3285.99	3280.46	3281.26	0.13	ppb
Molybdenum	94-1	20.99	21.46	21.73	21.40	1.75	ppb
Molybdenum	95-1	0.86	0.89	0.88	0.88	1.72	ppb
Molybdenum	96-1	3.64	3.72	3.64	3.66	1.27	ppb
Molybdenum	97-1	0.90	0.87	0.84	0.87	3.50	ppb
Molybdenum	98-1	0.85	0.84	0.81	0.83	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.52	125.40	126.40	126.11	0.49	ppb
Phosphorus	31-2	2451.45	2419.30	2428.95	2433.23	0.68	ppb
Potassium	39-2	8127.35	7998.53	8008.95	8044.94	0.89	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.56	1.38	2.04	1.66	20.52	ppb
Selenium	77-2	23.58	19.70	21.80	21.69	8.95	ppb
Selenium	78-2	4.64	5.93	4.83	5.13	13.50	ppb
Silicon	28-1	1287.90	1297.91	1287.30	1291.04	0.46	ppb
Silver	107-1	0.18	0.19	0.18	0.18	3.50	ppb
Silver	109-1	0.17	0.17	0.19	0.18	6.57	ppb
Sodium	23-2	204.77	204.19	212.11	207.02	2.13	ppb
Strontium	86-1	99.63	101.06	100.92	100.54	0.79	ppb
Strontium	88-1	100.67	102.74	102.45	101.95	1.10	ppb
Sulfur	34-1	-429.50	-368.27	-506.78	-434.85		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.53	0.52	0.51	0.52	2.26	ppb
Thallium	205-1	0.51	0.53	0.52	0.52	1.64	ppb
Tin	118-1	3.00	3.15	3.05	3.07	2.40	ppb
Titanium	47-1	943.93	961.44	950.17	951.85	0.93	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.93	0.93	0.93	0.75	ppb
Vanadium	51-2	241.88	238.56	240.25	240.23	0.69	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	205.71	205.39	207.28	206.13	0.49	ppb
Zirconium	90-1	12.25	12.37	12.43	12.35	0.74	ppb
Zirconium	91-1	12.47	12.56	12.65	12.56	0.73	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56463.13	56332.92	56657.86	56484.64	0.29	ppb
Antimony	121-1	0.76	0.77	0.75	0.76	1.37	ppb
Arsenic	75-2	111.89	116.07	114.28	114.08	1.84	ppb
Barium	135-1	663.67	656.26	637.50	652.48	2.07	ppb
Barium	137-1	658.30	658.44	644.34	653.70	1.24	ppb
Beryllium	9-1	2.90	2.82	2.88	2.87	1.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.43	2.35	2.13	2.31	6.71	ppb
Cadmium	106-1	5.40	4.13	3.54	4.36	21.75	ppb
Cadmium	111-1	1.03	0.89	0.84	0.92	10.88	ppb
Calcium	43-1	16002.53	16126.00	16659.56	16262.70	2.15	ppb
Calcium	44-1	15682.68	15581.02	15476.32	15580.00	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145.04	145.92	146.51	145.82	0.51	ppb
Cobalt	59-2	68.83	68.42	69.48	68.91	0.78	ppb
Copper	63-2	187.86	186.31	187.07	187.08	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	131391.89	129606.27	132607.16	131201.77	1.15	ppb
Iron	57-2	128478.99	128427.12	129461.89	128789.33	0.45	ppb
Iron	54-2	131626.85	131519.35	130736.25	131294.15	0.37	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.95	44.04	45.73	44.91	1.89	ppb
Lead	207-1	42.69	42.55	45.85	43.69	4.27	ppb
Lead	208-1	43.36	43.17	45.07	43.87	2.39	ppb
Lithium	6-1				93		%
Magnesium	24-2	29559.53	29694.24	29161.51	29471.76	0.94	ppb
Manganese	55-2	5449.44	5403.51	5505.74	5452.90	0.94	ppb
Molybdenum	94-1	32.49	32.36	32.25	32.37	0.37	ppb
Molybdenum	95-1	1.02	1.01	1.01	1.01	0.54	ppb
Molybdenum	96-1	5.15	5.14	4.85	5.05	3.33	ppb
Molybdenum	97-1	0.97	0.96	0.97	0.97	0.41	ppb
Molybdenum	98-1	0.95	0.98	0.91	0.95	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.87	117.15	117.20	117.41	0.34	ppb
Phosphorus	31-2	2240.19	2269.97	2288.86	2266.34	1.08	ppb
Potassium	39-2	10057.15	10291.46	10255.80	10201.47	1.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	1.03	1.04	1.21	1.09	9.49	ppb
Selenium	77-2	23.42	21.48	18.63	21.17	11.37	ppb
Selenium	78-2	3.60	4.51	4.76	4.29	14.14	ppb
Silicon	28-1	1476.96	1479.45	1425.04	1460.49	2.10	ppb
Silver	107-1	0.21	0.22	0.22	0.22	2.68	ppb
Silver	109-1	0.20	0.21	0.19	0.20	3.83	ppb
Sodium	23-2	228.37	238.02	235.60	233.99	2.15	ppb
Strontium	86-1	94.64	93.38	92.16	93.39	1.33	ppb
Strontium	88-1	94.31	94.94	94.42	94.56	0.35	ppb
Sulfur	34-1	-1173.81	-1580.23	-1662.04	-1472.02		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.44	0.47	0.49	0.47	4.80	ppb
Thallium	205-1	0.44	0.47	0.47	0.46	3.46	ppb
Tin	118-1	3.07	3.12	2.92	3.04	3.45	ppb
Titanium	47-1	1017.50	1012.49	991.22	1007.07	1.39	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.07	1.14	1.09	3.34	ppb
Vanadium	51-2	260.72	260.94	265.76	262.47	1.09	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	243.00	244.15	244.82	243.99	0.38	ppb
Zirconium	90-1	18.75	19.20	18.43	18.79	2.05	ppb
Zirconium	91-1	19.58	19.57	18.76	19.31	2.43	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49243.87	50001.90	49289.91	49511.89	0.86	ppb
Antimony	121-1	1.20	1.22	1.20	1.21	1.25	ppb
Arsenic	75-2	142.79	144.21	143.86	143.62	0.51	ppb
Barium	135-1	374.34	382.81	376.13	377.76	1.18	ppb
Barium	137-1	401.15	410.10	407.32	406.19	1.13	ppb
Beryllium	9-1	1.88	1.98	1.81	1.89	4.61	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.28	3.01	2.98	3.09	5.32	ppb
Cadmium	106-1	3.82	4.26	3.99	4.02	5.51	ppb
Cadmium	111-1	0.87	0.98	0.97	0.94	6.22	ppb
Calcium	43-1	13495.28	13433.84	13544.79	13491.30	0.41	ppb
Calcium	44-1	12687.93	12788.61	12935.61	12804.05	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137.24	135.97	136.02	136.41	0.53	ppb
Cobalt	59-2	61.17	60.71	59.86	60.58	1.09	ppb
Copper	63-2	214.02	212.57	207.27	211.29	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	124021.12	122555.60	122002.46	122859.73	0.85	ppb
Iron	57-2	123610.15	120873.58	121400.12	121961.29	1.19	ppb
Iron	54-2	126516.83	122728.75	123775.09	124340.23	1.57	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.37	38.26	38.63	38.42	0.50	ppb
Lead	207-1	37.91	38.25	37.73	37.96	0.70	ppb
Lead	208-1	38.12	38.16	38.01	38.10	0.21	ppb
Lithium	6-1				97		%
Magnesium	24-2	26610.65	26622.50	26014.76	26415.97	1.32	ppb
Manganese	55-2	3963.44	3862.23	3846.89	3890.85	1.63	ppb
Molybdenum	94-1	25.78	26.33	26.59	26.23	1.57	ppb
Molybdenum	95-1	1.01	0.99	1.10	1.04	5.72	ppb
Molybdenum	96-1	4.35	4.32	4.36	4.35	0.44	ppb
Molybdenum	97-1	0.96	0.96	1.02	0.98	3.58	ppb
Molybdenum	98-1	0.97	0.97	0.95	0.96	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.41	95.95	95.12	96.16	1.21	ppb
Phosphorus	31-2	1247.07	1223.39	1240.28	1236.91	0.99	ppb
Potassium	39-2	5947.56	5871.79	5889.92	5903.09	0.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.64	1.42	1.14	1.07	37.05	ppb
Selenium	77-2	17.49	15.69	14.05	15.74	10.93	ppb
Selenium	78-2	1.87	3.26	2.59	2.58	26.89	ppb
Silicon	28-1	1244.37	1227.72	1243.44	1238.51	0.76	ppb
Silver	107-1	0.25	0.26	0.28	0.26	5.14	ppb
Silver	109-1	0.25	0.27	0.26	0.26	3.75	ppb
Sodium	23-2	214.12	213.64	211.64	213.13	0.62	ppb
Strontium	86-1	70.13	70.68	71.47	70.76	0.95	ppb
Strontium	88-1	72.00	71.96	71.08	71.68	0.73	ppb
Sulfur	34-1	-1852.83	-1864.25	-1818.98	-1845.35		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.27	0.27	0.29	0.28	3.60	ppb
Thallium	205-1	0.28	0.28	0.27	0.28	1.30	ppb
Tin	118-1	2.75	2.77	2.80	2.77	0.91	ppb
Titanium	47-1	979.71	982.65	999.12	987.16	1.06	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.76	0.74	0.75	1.41	ppb
Vanadium	51-2	239.88	237.93	237.37	238.40	0.55	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	215.63	214.79	211.44	213.95	1.03	ppb
Zirconium	90-1	15.12	15.36	15.43	15.30	1.06	ppb
Zirconium	91-1	15.40	15.42	15.56	15.46	0.58	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52419.92	52319.39	51797.05	52178.79	0.64	ppb
Antimony	121-1	2.39	2.49	2.29	2.39	4.18	ppb
Arsenic	75-2	185.74	181.29	177.98	181.67	2.14	ppb
Barium	135-1	645.37	667.50	646.43	653.10	1.91	ppb
Barium	137-1	651.90	665.52	647.24	654.89	1.45	ppb
Beryllium	9-1	1.89	2.00	1.98	1.96	3.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.49	3.69	3.32	3.50	5.30	ppb
Cadmium	106-1	4.04	4.43	3.71	4.06	8.92	ppb
Cadmium	111-1	2.01	2.07	2.03	2.04	1.40	ppb
Calcium	43-1	12140.88	12322.10	12555.75	12339.58	1.69	ppb
Calcium	44-1	11486.97	11808.53	11841.25	11712.25	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	160.29	159.67	158.00	159.32	0.74	ppb
Cobalt	59-2	88.10	87.03	86.55	87.23	0.91	ppb
Copper	63-2	397.28	404.17	385.88	395.78	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	158939.53	161221.05	158224.28	159461.62	0.98	ppb
Iron	57-2	157351.31	159031.14	155647.09	157343.18	1.08	ppb
Iron	54-2	160181.53	161940.85	158266.60	160129.66	1.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	81.81	86.18	82.77	83.59	2.75	ppb
Lead	207-1	83.27	85.81	84.60	84.56	1.50	ppb
Lead	208-1	88.22	85.20	89.18	87.54	2.37	ppb
Lithium	6-1				92		%
Magnesium	24-2	30590.85	30715.69	30344.99	30550.51	0.62	ppb
Manganese	55-2	6808.37	6900.45	6774.94	6827.92	0.95	ppb
Molybdenum	94-1	24.89	26.61	25.42	25.64	3.44	ppb
Molybdenum	95-1	2.85	2.94	2.80	2.86	2.53	ppb
Molybdenum	96-1	5.93	6.35	6.07	6.12	3.51	ppb
Molybdenum	97-1	2.73	2.91	2.76	2.80	3.45	ppb
Molybdenum	98-1	2.74	2.83	2.77	2.78	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.52	116.00	113.56	114.36	1.24	ppb
Phosphorus	31-2	1616.10	1596.97	1603.95	1605.68	0.60	ppb
Potassium	39-2	6292.35	6284.71	6218.51	6265.19	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	1.53	1.66	1.80	1.67	8.13	ppb
Selenium	77-2	18.35	17.28	15.83	17.15	7.38	ppb
Selenium	78-2	3.33	3.28	3.42	3.35	2.16	ppb
Silicon	28-1	1130.85	1199.38	1177.86	1169.36	3.00	ppb
Silver	107-1	0.66	0.68	0.64	0.66	3.41	ppb
Silver	109-1	0.66	0.68	0.66	0.66	1.94	ppb
Sodium	23-2	197.05	200.37	197.06	198.16	0.97	ppb
Strontium	86-1	79.56	86.32	81.24	82.37	4.27	ppb
Strontium	88-1	80.21	84.28	81.13	81.87	2.61	ppb
Sulfur	34-1	-1849.31	-1739.27	-1795.69	-1794.76		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.33	0.33	0.31	0.32	4.23	ppb
Thallium	205-1	0.31	0.33	0.31	0.32	3.10	ppb
Tin	118-1	2.94	3.22	2.91	3.02	5.68	ppb
Titanium	47-1	927.33	959.11	957.18	947.87	1.88	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.80	0.82	0.81	1.19	ppb
Vanadium	51-2	291.83	291.03	288.01	290.29	0.69	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	312.65	316.29	309.28	312.74	1.12	ppb
Zirconium	90-1	13.65	14.18	13.82	13.88	1.94	ppb
Zirconium	91-1	13.71	14.74	13.80	14.08	4.02	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54198.24	54020.26	54458.75	54225.75	0.41	ppb
Antimony	121-1	0.85	0.89	0.90	0.88	2.89	ppb
Arsenic	75-2	136.06	133.88	129.95	133.29	2.33	ppb
Barium	135-1	522.43	517.15	515.73	518.43	0.68	ppb
Barium	137-1	516.40	518.60	522.28	519.09	0.57	ppb
Beryllium	9-1	2.44	2.43	2.59	2.49	3.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	2.20	1.96	2.05	6.45	ppb
Cadmium	106-1	4.53	3.27	2.81	3.54	25.27	ppb
Cadmium	111-1	0.86	0.77	0.71	0.78	9.28	ppb
Calcium	43-1	15131.43	15324.93	15344.68	15267.01	0.77	ppb
Calcium	44-1	14385.49	14411.61	14540.49	14445.87	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158.12	157.88	156.82	157.61	0.44	ppb
Cobalt	59-2	70.27	69.65	70.27	70.06	0.50	ppb
Copper	63-2	201.54	198.99	200.69	200.41	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	138035.77	138974.95	138954.32	138655.01	0.39	ppb
Iron	57-2	136090.78	134085.90	135288.28	135154.99	0.75	ppb
Iron	54-2	138186.31	136717.42	138937.51	137947.08	0.82	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.22	39.64	39.81	39.56	0.78	ppb
Lead	207-1	37.48	39.35	37.83	38.22	2.60	ppb
Lead	208-1	37.86	39.09	38.52	38.49	1.60	ppb
Lithium	6-1				92		%
Magnesium	24-2	31252.42	30723.70	30592.74	30856.29	1.13	ppb
Manganese	55-2	4920.72	4955.33	4986.18	4954.07	0.66	ppb
Molybdenum	94-1	27.45	28.84	28.40	28.23	2.52	ppb
Molybdenum	95-1	1.43	1.34	1.41	1.39	3.37	ppb
Molybdenum	96-1	4.95	4.89	5.02	4.96	1.24	ppb
Molybdenum	97-1	1.37	1.39	1.34	1.37	1.78	ppb
Molybdenum	98-1	1.31	1.31	1.37	1.33	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.35	115.49	116.54	115.79	0.56	ppb
Phosphorus	31-2	1500.94	1536.73	1510.71	1516.13	1.22	ppb
Potassium	39-2	6797.23	6900.89	6826.93	6841.68	0.78	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	0.79	1.25	1.13	1.06	22.44	ppb
Selenium	77-2	16.41	17.07	15.10	16.20	6.18	ppb
Selenium	78-2	3.58	2.09	3.39	3.02	26.72	ppb
Silicon	28-1	1247.78	1194.97	1254.23	1232.33	2.64	ppb
Silver	107-1	0.19	0.18	0.19	0.19	3.39	ppb
Silver	109-1	0.19	0.18	0.19	0.19	2.57	ppb
Sodium	23-2	222.40	220.17	222.70	221.76	0.62	ppb
Strontium	86-1	83.35	84.83	85.19	84.45	1.15	ppb
Strontium	88-1	83.87	84.80	84.53	84.40	0.57	ppb
Sulfur	34-1	-1720.94	-1820.35	-1743.87	-1761.72		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.35	0.37	0.37	0.36	2.90	ppb
Thallium	205-1	0.35	0.36	0.36	0.36	1.64	ppb
Tin	118-1	3.11	2.96	3.14	3.07	3.21	ppb
Titanium	47-1	1006.21	988.06	991.89	995.39	0.96	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.95	0.91	0.92	2.43	ppb
Vanadium	51-2	266.94	269.09	274.22	270.08	1.38	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	222.67	221.67	223.06	222.47	0.32	ppb
Zirconium	90-1	15.82	15.88	16.28	15.99	1.54	ppb
Zirconium	91-1	16.65	16.18	16.82	16.55	2.00	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53282.66	52701.66	53693.30	53225.88	0.94	ppb
Antimony	121-1	0.87	0.90	0.89	0.89	1.24	ppb
Arsenic	75-2	133.64	132.29	135.06	133.66	1.03	ppb
Barium	135-1	527.80	525.40	533.10	528.77	0.75	ppb
Barium	137-1	524.68	527.92	532.80	528.47	0.77	ppb
Beryllium	9-1	2.37	2.30	2.49	2.38	4.02	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.37	1.78	2.02	2.06	14.32	ppb
Cadmium	106-1	3.05	2.81	2.50	2.79	10.02	ppb
Cadmium	111-1	0.72	0.71	0.69	0.71	2.15	ppb
Calcium	43-1	15354.04	15263.60	15178.83	15265.49	0.57	ppb
Calcium	44-1	14201.44	14207.88	14436.69	14282.00	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153.76	155.44	154.09	154.43	0.58	ppb
Cobalt	59-2	69.49	69.59	69.18	69.42	0.30	ppb
Copper	63-2	198.14	200.49	198.54	199.06	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	138246.20	137226.11	136742.64	137404.98	0.56	ppb
Iron	57-2	132217.87	134572.59	130515.47	132435.31	1.54	ppb
Iron	54-2	137067.24	136410.78	136500.86	136659.63	0.26	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.62	37.67	38.27	37.85	0.95	ppb
Lead	207-1	38.09	38.13	38.40	38.21	0.44	ppb
Lead	208-1	37.53	37.93	38.39	37.95	1.13	ppb
Lithium	6-1				90		%
Magnesium	24-2	30573.91	29483.82	30314.60	30124.11	1.89	ppb
Manganese	55-2	4945.16	4885.01	4923.82	4918.00	0.62	ppb
Molybdenum	94-1	27.52	27.73	28.21	27.82	1.27	ppb
Molybdenum	95-1	1.32	1.35	1.41	1.36	3.51	ppb
Molybdenum	96-1	4.70	4.78	4.87	4.78	1.76	ppb
Molybdenum	97-1	1.27	1.32	1.30	1.30	1.64	ppb
Molybdenum	98-1	1.21	1.27	1.31	1.26	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.83	113.89	113.82	113.85	0.03	ppb
Phosphorus	31-2	1479.43	1491.32	1505.63	1492.13	0.88	ppb
Potassium	39-2	6675.35	6643.93	6758.36	6692.55	0.88	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	1.47	1.00	1.48	1.31	20.82	ppb
Selenium	77-2	17.75	17.11	17.45	17.44	1.85	ppb
Selenium	78-2	3.10	3.26	4.78	3.71	25.04	ppb
Silicon	28-1	1222.27	1203.23	1221.13	1215.54	0.88	ppb
Silver	107-1	0.18	0.18	0.19	0.18	1.08	ppb
Silver	109-1	0.15	0.17	0.18	0.17	8.69	ppb
Sodium	23-2	215.82	220.46	221.41	219.23	1.37	ppb
Strontium	86-1	79.89	80.94	82.62	81.15	1.69	ppb
Strontium	88-1	81.38	81.57	84.00	82.32	1.77	ppb
Sulfur	34-1	-1827.16	-1894.19	-1914.76	-1878.70		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.34	0.36	0.36	0.35	3.24	ppb
Thallium	205-1	0.35	0.37	0.37	0.36	2.35	ppb
Tin	118-1	2.94	3.03	3.04	3.00	1.84	ppb
Titanium	47-1	980.93	1005.76	982.52	989.74	1.40	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.91	0.95	0.92	2.55	ppb
Vanadium	51-2	266.76	268.27	266.65	267.23	0.34	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	217.84	215.65	218.16	217.22	0.63	ppb
Zirconium	90-1	15.47	16.10	16.43	16.00	3.04	ppb
Zirconium	91-1	15.65	16.09	16.55	16.09	2.79	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11196.28	11149.82	11121.63	11155.91	0.34	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	0.87	ppb
Arsenic	75-2	27.89	26.92	27.39	27.40	1.77	ppb
Barium	135-1	96.74	96.32	96.75	96.60	0.26	ppb
Barium	137-1	97.22	96.48	97.87	97.19	0.71	ppb
Beryllium	9-1	0.41	0.44	0.44	0.43	4.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.35	0.38	0.41	20.08	ppb
Cadmium	106-1	0.22	0.01	-0.38	-0.05		ppb
Cadmium	111-1	0.11	0.11	0.07	0.10	21.99	ppb
Calcium	43-1	3094.75	3169.34	3140.29	3134.79	1.20	ppb
Calcium	44-1	3012.77	3046.11	3067.32	3042.07	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.21	32.70	32.75	32.89	0.86	ppb
Cobalt	59-2	14.92	14.85	14.66	14.81	0.92	ppb
Copper	63-2	41.43	41.38	41.37	41.40	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	29329.55	28668.82	28398.26	28798.88	1.66	ppb
Iron	57-2	28641.97	28691.35	27883.08	28405.47	1.60	ppb
Iron	54-2	28972.06	29374.67	28679.31	29008.68	1.20	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.49	7.30	7.50	7.43	1.46	ppb
Lead	207-1	7.46	7.23	7.30	7.33	1.56	ppb
Lead	208-1	7.43	7.28	7.40	7.37	1.05	ppb
Lithium	6-1				99		%
Magnesium	24-2	6418.35	6314.47	6432.38	6388.40	1.01	ppb
Manganese	55-2	1034.44	1035.66	1019.83	1029.98	0.86	ppb
Molybdenum	94-1	5.47	5.84	5.50	5.60	3.64	ppb
Molybdenum	95-1	0.28	0.29	0.28	0.28	1.78	ppb
Molybdenum	96-1	0.97	1.04	0.99	1.00	3.58	ppb
Molybdenum	97-1	0.28	0.26	0.28	0.27	4.79	ppb
Molybdenum	98-1	0.26	0.26	0.25	0.26	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.35	24.27	24.33	24.32	0.18	ppb
Phosphorus	31-2	315.00	304.77	311.43	310.40	1.67	ppb
Potassium	39-2	1430.72	1397.24	1392.35	1406.77	1.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.05	0.16	0.47	0.23	97.43	ppb
Selenium	77-2	3.50	3.61	5.31	4.14	24.58	ppb
Selenium	78-2	1.29	0.58	0.69	0.85	44.38	ppb
Silicon	28-1	250.19	261.35	254.56	255.36	2.20	ppb
Silver	107-1	0.04	0.04	0.04	0.04	4.29	ppb
Silver	109-1	0.03	0.04	0.04	0.04	10.26	ppb
Sodium	23-2	53.91	52.73	53.57	53.41	1.14	ppb
Strontium	86-1	16.55	17.21	16.83	16.86	1.96	ppb
Strontium	88-1	16.52	17.20	16.76	16.82	2.07	ppb
Sulfur	34-1	-1912.99	-1887.42	-1921.16	-1907.19		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.07	0.08	0.07	4.66	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	3.89	ppb
Tin	118-1	0.56	0.58	0.58	0.57	2.16	ppb
Titanium	47-1	205.01	207.66	203.90	205.52	0.94	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.17	0.17	0.17	1.81	ppb
Vanadium	51-2	57.55	57.49	57.01	57.35	0.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	46.88	47.27	47.61	47.25	0.77	ppb
Zirconium	90-1	3.17	3.30	3.25	3.24	1.94	ppb
Zirconium	91-1	3.26	3.32	3.28	3.29	0.92	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56745.87	55315.01	53891.43	55317.44	2.58	ppb
Antimony	121-1	55.89	57.42	58.00	57.10	1.91	ppb
Arsenic	75-2	156.87	157.38	155.26	156.50	0.71	ppb
Barium	135-1	1609.14	1642.25	1693.96	1648.45	2.59	ppb
Barium	137-1	1648.68	1658.01	1679.63	1662.10	0.96	ppb
Beryllium	9-1	30.61	31.80	32.56	31.66	3.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.23	28.85	27.86	28.31	1.78	ppb
Cadmium	106-1	27.66	29.31	29.43	28.80	3.44	ppb
Cadmium	111-1	28.32	29.29	29.84	29.15	2.64	ppb
Calcium	43-1	15087.60	15505.03	15416.92	15336.52	1.43	ppb
Calcium	44-1	14287.48	14516.30	14559.99	14454.59	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267.40	268.21	262.19	265.93	1.23	ppb
Cobalt	59-2	348.23	344.78	344.17	345.73	0.63	ppb
Copper	63-2	329.42	329.47	331.03	329.98	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	136375.48	138779.75	137345.91	137500.38	0.88	ppb
Iron	57-2	136862.92	136330.59	134801.46	135998.32	0.79	ppb
Iron	54-2	140699.01	139516.85	135701.63	138639.16	1.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.12	48.85	48.29	48.42	0.80	ppb
Lead	207-1	46.70	47.90	47.45	47.35	1.28	ppb
Lead	208-1	47.36	48.14	47.85	47.78	0.83	ppb
Lithium	6-1				93		%
Magnesium	24-2	30932.51	30803.63	30129.85	30621.99	1.41	ppb
Manganese	55-2	5251.59	5222.83	5160.20	5211.54	0.90	ppb
Molybdenum	94-1	28.07	28.46	27.97	28.17	0.92	ppb
Molybdenum	95-1	1.39	1.38	1.38	1.39	0.52	ppb
Molybdenum	96-1	4.96	4.90	4.88	4.91	0.83	ppb
Molybdenum	97-1	1.34	1.35	1.35	1.34	0.20	ppb
Molybdenum	98-1	1.34	1.32	1.30	1.32	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	389.77	385.22	379.32	384.77	1.36	ppb
Phosphorus	31-2	1489.78	1481.96	1460.27	1477.33	1.03	ppb
Potassium	39-2	6750.42	6718.86	6771.20	6746.83	0.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	66.60	67.89	66.43	66.97	1.19	ppb
Selenium	77-2	85.98	80.25	87.11	84.45	4.36	ppb
Selenium	78-2	73.08	69.91	71.18	71.39	2.23	ppb
Silicon	28-1	1249.47	1265.72	1240.81	1252.00	1.01	ppb
Silver	107-1	24.56	24.89	25.50	24.98	1.92	ppb
Silver	109-1	24.18	24.69	25.20	24.69	2.05	ppb
Sodium	23-2	208.59	207.03	211.78	209.14	1.16	ppb
Strontium	86-1	82.55	83.91	82.20	82.89	1.09	ppb
Strontium	88-1	82.54	83.83	82.70	83.02	0.84	ppb
Sulfur	34-1	-1968.15	-1867.07	-1928.94	-1921.38		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	25.93	26.30	26.06	26.10	0.72	ppb
Thallium	205-1	25.69	26.16	25.94	25.93	0.91	ppb
Tin	118-1	3.00	3.06	3.06	3.04	1.20	ppb
Titanium	47-1	968.97	1015.85	996.59	993.80	2.37	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.90	0.89	0.89	0.70	ppb
Vanadium	51-2	539.97	542.91	527.33	536.74	1.54	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	486.43	485.12	488.61	486.72	0.36	ppb
Zirconium	90-1	16.14	16.35	16.08	16.19	0.88	ppb
Zirconium	91-1	16.24	16.57	16.41	16.41	1.03	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58342.31	57972.11	57957.37	58090.60	0.38	ppb
Antimony	121-1	295.64	293.30	293.34	294.09	0.46	ppb
Arsenic	75-2	247.58	244.34	243.64	245.19	0.86	ppb
Barium	135-1	7132.86	7009.43	6951.32	7031.20	1.32	ppb
Barium	137-1	7104.45	7117.52	6975.86	7065.94	1.11	ppb
Beryllium	9-1	169.25	167.35	168.97	168.52	0.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.97	134.43	134.03	133.47	0.99	ppb
Cadmium	106-1	132.63	134.40	130.83	132.62	1.35	ppb
Cadmium	111-1	144.78	146.53	143.07	144.79	1.19	ppb
Calcium	43-1	14942.08	14660.99	14540.75	14714.61	1.40	ppb
Calcium	44-1	13967.45	13954.99	13986.81	13969.75	0.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	785.21	781.95	791.91	786.36	0.65	ppb
Cobalt	59-2	1671.06	1657.01	1648.16	1658.75	0.70	ppb
Copper	63-2	953.28	962.59	949.10	954.99	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				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	136673.11	139822.39	137573.69	138023.07	1.18	ppb
Iron	57-2	134578.75	136730.43	134945.72	135418.30	0.85	ppb
Iron	54-2	136734.99	140592.16	140080.60	139135.92	1.51	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	90.54	90.54	90.04	90.37	0.32	ppb
Lead	207-1	89.23	88.34	89.68	89.09	0.77	ppb
Lead	208-1	95.20	95.36	96.07	95.54	0.49	ppb
Lithium	6-1				94		%
Magnesium	24-2	30211.87	30030.82	29873.10	30038.60	0.56	ppb
Manganese	55-2	6310.40	6423.13	6354.56	6362.70	0.89	ppb
Molybdenum	94-1	26.71	27.28	27.25	27.08	1.19	ppb
Molybdenum	95-1	1.35	1.40	1.36	1.37	2.08	ppb
Molybdenum	96-1	4.74	4.80	4.72	4.75	0.96	ppb
Molybdenum	97-1	1.22	1.31	1.30	1.27	3.53	ppb
Molybdenum	98-1	1.30	1.28	1.31	1.30	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1764.77	1755.24	1746.62	1755.54	0.52	ppb
Phosphorus	31-2	1434.99	1443.87	1475.73	1451.53	1.48	ppb
Potassium	39-2	6577.71	6672.39	6640.94	6630.35	0.73	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	295.53	300.58	296.68	297.59	0.89	ppb
Selenium	77-2	332.47	323.08	325.91	327.15	1.47	ppb
Selenium	78-2	315.00	312.94	316.71	314.88	0.60	ppb
Silicon	28-1	1196.91	1194.97	1179.73	1190.54	0.79	ppb
Silver	107-1	121.96	124.38	123.25	123.20	0.98	ppb
Silver	109-1	138.45	122.96	124.40	128.60	6.66	ppb
Sodium	23-2	210.59	212.85	210.61	211.35	0.62	ppb
Strontium	86-1	79.49	81.12	79.08	79.90	1.35	ppb
Strontium	88-1	79.20	82.15	81.79	81.05	1.99	ppb
Sulfur	34-1	-1934.38	-2093.28	-2126.22	-2051.29		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	132.39	130.93	134.05	132.46	1.18	ppb
Thallium	205-1	150.17	146.20	150.61	148.99	1.63	ppb
Tin	118-1	2.85	2.83	2.91	2.86	1.41	ppb
Titanium	47-1	955.62	969.17	960.00	961.60	0.72	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.87	0.89	0.88	1.27	ppb
Vanadium	51-2	1838.20	1836.00	1862.52	1845.57	0.80	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1821.42	1830.51	1808.79	1820.24	0.60	ppb
Zirconium	90-1	15.53	15.57	15.62	15.57	0.30	ppb
Zirconium	91-1	15.95	16.13	15.83	15.97	0.96	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39911.67	39890.62	40134.20	39978.83	0.34	ppb
Antimony	121-1	1.25	1.32	1.28	1.28	2.70	ppb
Arsenic	75-2	157.01	154.93	154.48	155.47	0.87	ppb
Barium	135-1	734.41	759.22	745.95	746.53	1.66	ppb
Barium	137-1	734.78	765.76	731.49	744.01	2.54	ppb
Beryllium	9-1	2.00	2.15	2.18	2.11	4.60	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.76	2.78	2.75	2.76	0.55	ppb
Cadmium	106-1	3.73	3.85	3.52	3.70	4.49	ppb
Cadmium	111-1	1.40	1.52	1.52	1.48	4.86	ppb
Calcium	43-1	9261.13	9282.42	9250.69	9264.75	0.17	ppb
Calcium	44-1	8716.23	8644.79	8787.38	8716.13	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.32	128.23	129.12	129.22	0.81	ppb
Cobalt	59-2	74.95	73.16	74.00	74.04	1.21	ppb
Copper	63-2	220.97	217.93	220.26	219.72	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				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	154877.44	151117.69	154013.24	153336.12	1.28	ppb
Iron	57-2	148568.15	149645.13	150582.51	149598.60	0.67	ppb
Iron	54-2	154598.39	152208.10	155455.81	154087.43	1.09	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	66.78	66.45	68.83	67.35	1.91	ppb
Lead	207-1	67.20	67.17	67.68	67.35	0.43	ppb
Lead	208-1	66.68	66.66	68.18	67.17	1.30	ppb
Lithium	6-1				93		%
Magnesium	24-2	20128.39	20072.27	20209.23	20136.63	0.34	ppb
Manganese	55-2	8007.94	7847.90	7942.50	7932.78	1.01	ppb
Molybdenum	94-1	29.06	28.76	28.92	28.91	0.52	ppb
Molybdenum	95-1	1.49	1.45	1.42	1.46	2.44	ppb
Molybdenum	96-1	5.14	5.11	5.10	5.12	0.44	ppb
Molybdenum	97-1	1.31	1.41	1.43	1.38	4.69	ppb
Molybdenum	98-1	1.34	1.34	1.35	1.34	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.89	116.78	117.33	117.00	0.25	ppb
Phosphorus	31-2	2029.45	1981.42	1996.56	2002.48	1.23	ppb
Potassium	39-2	6811.04	6805.38	6802.93	6806.45	0.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	1.21	1.11	1.24	1.19	6.08	ppb
Selenium	77-2	20.10	19.32	18.51	19.31	4.14	ppb
Selenium	78-2	3.35	3.60	2.83	3.26	12.12	ppb
Silicon	28-1	1394.41	1421.46	1409.64	1408.50	0.96	ppb
Silver	107-1	0.52	0.45	0.43	0.47	10.77	ppb
Silver	109-1	0.51	0.45	0.42	0.46	9.21	ppb
Sodium	23-2	177.07	176.86	183.50	179.14	2.11	ppb
Strontium	86-1	87.30	88.02	88.66	87.99	0.78	ppb
Strontium	88-1	89.95	91.02	90.44	90.47	0.60	ppb
Sulfur	34-1	-1763.34	-1816.28	-1856.47	-1812.03		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.34	0.37	0.37	0.36	5.13	ppb
Thallium	205-1	0.35	0.34	0.35	0.35	1.51	ppb
Tin	118-1	2.69	2.78	2.73	2.73	1.75	ppb
Titanium	47-1	956.04	955.40	965.26	958.90	0.58	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.97	0.97	0.97	0.80	ppb
Vanadium	51-2	274.16	270.19	271.27	271.87	0.75	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	413.53	406.84	413.37	411.25	0.93	ppb
Zirconium	90-1	16.56	16.51	16.70	16.59	0.61	ppb
Zirconium	91-1	16.62	16.68	17.03	16.78	1.31	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41021.68	41030.09	40355.67	40802.48	0.95	ppb
Antimony	121-1	1.30	1.32	1.26	1.30	2.23	ppb
Arsenic	75-2	126.59	129.90	126.86	127.78	1.44	ppb
Barium	135-1	1498.19	1478.26	1511.48	1495.98	1.12	ppb
Barium	137-1	1497.66	1483.82	1453.71	1478.40	1.52	ppb
Beryllium	9-1	2.46	2.56	2.60	2.54	2.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.36	2.75	2.97	3.02	10.11	ppb
Cadmium	106-1	4.83	3.78	2.74	3.79	27.67	ppb
Cadmium	111-1	1.59	1.51	1.41	1.50	5.89	ppb
Calcium	43-1	9512.50	9891.96	10217.77	9874.08	3.57	ppb
Calcium	44-1	9132.42	9183.55	9132.42	9149.46	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.28	126.10	125.77	125.72	0.33	ppb
Cobalt	59-2	69.78	69.36	68.74	69.29	0.75	ppb
Copper	63-2	243.41	247.19	243.15	244.58	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				104		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	140442.54	139681.26	140855.01	140326.27	0.42	ppb
Iron	57-2	136608.78	139868.09	137829.82	138102.23	1.19	ppb
Iron	54-2	140431.12	141619.15	141424.09	141158.12	0.45	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	66.88	69.30	69.44	68.54	2.11	ppb
Lead	207-1	64.61	69.87	71.92	68.80	5.48	ppb
Lead	208-1	65.55	68.61	69.87	68.01	3.26	ppb
Lithium	6-1				89		%
Magnesium	24-2	18669.27	18619.14	18343.20	18543.87	0.95	ppb
Manganese	55-2	12780.25	12834.29	12857.76	12824.10	0.31	ppb
Molybdenum	94-1	30.95	31.45	29.94	30.78	2.51	ppb
Molybdenum	95-1	1.43	1.47	1.44	1.45	1.37	ppb
Molybdenum	96-1	5.32	5.15	4.83	5.10	4.80	ppb
Molybdenum	97-1	1.32	1.35	1.25	1.31	3.88	ppb
Molybdenum	98-1	1.31	1.21	1.20	1.24	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.21	129.88	131.13	130.74	0.57	ppb
Phosphorus	31-2	1659.73	1645.58	1637.43	1647.58	0.68	ppb
Potassium	39-2	4991.46	5007.25	4996.98	4998.56	0.16	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	1.13	1.10	1.42	1.22	14.20	ppb
Selenium	77-2	17.92	22.85	21.95	20.91	12.56	ppb
Selenium	78-2	3.34	5.38	3.52	4.08	27.74	ppb
Silicon	28-1	1426.05	1341.36	1327.26	1364.89	3.91	ppb
Silver	107-1	0.43	0.41	0.41	0.42	2.80	ppb
Silver	109-1	0.40	0.42	0.38	0.40	4.92	ppb
Sodium	23-2	184.68	187.26	188.46	186.80	1.03	ppb
Strontium	86-1	122.48	123.06	115.69	120.41	3.40	ppb
Strontium	88-1	121.59	125.21	122.92	123.24	1.49	ppb
Sulfur	34-1	-1913.42	-1916.16	-2000.33	-1943.30		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.42	0.44	0.47	0.44	5.25	ppb
Thallium	205-1	0.43	0.44	0.46	0.44	3.08	ppb
Tin	118-1	2.92	2.57	2.52	2.67	8.18	ppb
Titanium	47-1	1123.93	1098.74	1105.59	1109.42	1.17	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.08	1.12	1.08	4.65	ppb
Vanadium	51-2	242.89	245.98	246.48	245.12	0.79	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	272.73	276.25	274.95	274.64	0.65	ppb
Zirconium	90-1	17.82	17.57	17.12	17.51	2.03	ppb
Zirconium	91-1	18.76	17.80	16.84	17.80	5.41	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49787.43	50214.78	50322.36	50108.19	0.56	ppb
Antimony	121-1	0.63	0.64	0.62	0.63	1.36	ppb
Arsenic	75-2	123.16	125.56	124.64	124.45	0.97	ppb
Barium	135-1	654.30	655.87	666.27	658.81	0.99	ppb
Barium	137-1	655.49	653.46	660.16	656.37	0.52	ppb
Beryllium	9-1	2.78	2.68	2.66	2.71	2.44	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.51	2.39	2.31	2.40	4.13	ppb
Cadmium	106-1	2.71	3.40	2.73	2.95	13.40	ppb
Cadmium	111-1	0.71	0.80	0.71	0.74	6.98	ppb
Calcium	43-1	11926.38	11703.47	12220.56	11950.14	2.17	ppb
Calcium	44-1	11062.21	10871.24	11107.98	11013.81	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136.82	137.79	138.57	137.72	0.64	ppb
Cobalt	59-2	63.25	62.97	63.98	63.40	0.82	ppb
Copper	63-2	175.93	175.84	178.23	176.66	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	139087.74	139658.47	140846.48	139864.23	0.64	ppb
Iron	57-2	136642.36	137045.18	139639.09	137775.54	1.18	ppb
Iron	54-2	139597.99	137796.31	140139.41	139177.90	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.13	46.81	46.57	46.84	0.60	ppb
Lead	207-1	47.12	47.40	47.72	47.41	0.63	ppb
Lead	208-1	46.57	46.39	46.80	46.59	0.44	ppb
Lithium	6-1				88		%
Magnesium	24-2	19401.37	19377.11	19251.51	19343.33	0.42	ppb
Manganese	55-2	5675.90	5630.84	5781.72	5696.15	1.36	ppb
Molybdenum	94-1	34.28	33.66	32.68	33.54	2.41	ppb
Molybdenum	95-1	1.01	1.00	0.96	0.99	2.69	ppb
Molybdenum	96-1	5.18	4.98	4.90	5.02	2.89	ppb
Molybdenum	97-1	1.01	0.96	0.96	0.98	2.94	ppb
Molybdenum	98-1	0.92	0.90	0.90	0.91	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.48	130.35	133.30	132.04	1.15	ppb
Phosphorus	31-2	1600.00	1623.09	1631.11	1618.06	1.00	ppb
Potassium	39-2	4014.11	4013.79	4082.21	4036.70	0.98	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	1.79	1.42	1.36	1.52	14.98	ppb
Selenium	77-2	19.92	19.38	22.50	20.60	8.10	ppb
Selenium	78-2	4.08	5.04	3.08	4.07	24.15	ppb
Silicon	28-1	1394.50	1361.04	1402.94	1386.16	1.60	ppb
Silver	107-1	0.25	0.27	0.27	0.27	5.32	ppb
Silver	109-1	0.26	0.26	0.25	0.26	3.91	ppb
Sodium	23-2	213.63	215.60	220.29	216.51	1.58	ppb
Strontium	86-1	114.03	111.54	106.53	110.70	3.45	ppb
Strontium	88-1	113.37	114.33	110.43	112.71	1.80	ppb
Sulfur	34-1	-1832.73	-1998.08	-1992.34	-1941.05		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.35	0.39	0.36	0.37	5.91	ppb
Thallium	205-1	0.35	0.36	0.35	0.35	1.89	ppb
Tin	118-1	3.07	3.18	3.14	3.13	1.78	ppb
Titanium	47-1	1319.85	1295.70	1341.28	1318.94	1.73	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.21	1.22	1.21	1.47	ppb
Vanadium	51-2	255.18	257.64	256.56	256.46	0.48	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	215.88	216.16	217.01	216.35	0.27	ppb
Zirconium	90-1	19.67	19.36	18.88	19.30	2.05	ppb
Zirconium	91-1	19.77	19.31	18.72	19.27	2.73	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61038.06	53979.49	56325.54	57114.36	6.29	ppb
Antimony	121-1	2.40	2.46	2.46	2.44	1.35	ppb
Arsenic	75-2	135.99	122.67	122.55	127.07	6.08	ppb
Barium	135-1	675.54	678.69	686.86	680.36	0.86	ppb
Barium	137-1	675.20	686.78	676.62	679.53	0.93	ppb
Beryllium	9-1	2.64	2.56	2.97	2.72	8.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.60	2.17	2.59	2.45	9.93	ppb
Cadmium	106-1	3.05	2.66	4.01	3.24	21.35	ppb
Cadmium	111-1	0.41	0.41	0.50	0.44	11.92	ppb
Calcium	43-1	12616.83	12566.64	13339.07	12840.85	3.37	ppb
Calcium	44-1	12466.81	12477.52	12643.31	12529.22	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147.37	130.66	135.59	137.87	6.23	ppb
Cobalt	59-2	69.17	60.95	64.08	64.73	6.41	ppb
Copper	63-2	149.50	132.00	138.03	139.85	6.35	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				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	150004.60	134495.97	139199.93	141233.50	5.63	ppb
Iron	57-2	147603.26	131898.45	135696.03	138399.25	5.92	ppb
Iron	54-2	151810.96	136509.36	140055.76	142792.03	5.61	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.60	31.75	31.94	31.76	0.53	ppb
Lead	207-1	30.84	30.84	30.35	30.68	0.91	ppb
Lead	208-1	31.39	31.50	31.03	31.31	0.79	ppb
Lithium	6-1				97		%
Magnesium	24-2	21517.48	18988.05	19672.98	20059.50	6.52	ppb
Manganese	55-2	5811.16	5085.84	5264.32	5387.11	7.02	ppb
Molybdenum	94-1	37.45	37.80	37.70	37.65	0.48	ppb
Molybdenum	95-1	0.92	0.92	0.93	0.92	0.67	ppb
Molybdenum	96-1	5.65	5.67	5.80	5.70	1.40	ppb
Molybdenum	97-1	0.84	0.88	0.85	0.86	2.57	ppb
Molybdenum	98-1	0.84	0.87	0.86	0.86	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.64	136.97	139.55	143.06	5.87	ppb
Phosphorus	31-2	2004.08	1733.44	1834.37	1857.29	7.36	ppb
Potassium	39-2	3667.45	3201.98	3306.61	3392.01	7.20	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	1.57	1.47	1.52	1.52	3.48	ppb
Selenium	77-2	28.73	25.73	22.58	25.68	11.96	ppb
Selenium	78-2	5.88	4.31	5.37	5.19	15.39	ppb
Silicon	28-1	1374.35	1343.60	1439.33	1385.76	3.53	ppb
Silver	107-1	0.15	0.17	0.16	0.16	3.92	ppb
Silver	109-1	0.16	0.15	0.16	0.16	3.36	ppb
Sodium	23-2	290.11	253.24	263.13	268.83	7.10	ppb
Strontium	86-1	117.59	119.07	118.84	118.50	0.67	ppb
Strontium	88-1	118.71	119.99	120.08	119.59	0.64	ppb
Sulfur	34-1	-2252.77	-2318.60	-2133.26	-2234.88		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.30	0.28	0.30	0.29	2.83	ppb
Thallium	205-1	0.29	0.30	0.30	0.30	1.08	ppb
Tin	118-1	3.24	3.25	3.26	3.25	0.39	ppb
Titanium	47-1	1451.40	1432.36	1504.28	1462.68	2.55	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.13	1.14	1.14	1.05	ppb
Vanadium	51-2	274.54	250.28	257.02	260.61	4.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	207.23	183.51	194.49	195.08	6.09	ppb
Zirconium	90-1	22.26	22.51	22.03	22.27	1.07	ppb
Zirconium	91-1	22.82	23.36	23.50	23.22	1.54	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48712.84	49087.99	48597.64	48799.49	0.53	ppb
Antimony	121-1	487.66	489.86	489.92	489.15	0.26	ppb
Arsenic	75-2	482.21	482.38	487.09	483.89	0.57	ppb
Barium	135-1	2440.28	2502.76	2478.50	2473.85	1.27	ppb
Barium	137-1	2524.33	2557.71	2490.37	2524.14	1.33	ppb
Beryllium	9-1	514.49	535.09	513.28	520.95	2.35	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	501.94	517.16	514.08	511.06	1.57	ppb
Cadmium	106-1	505.22	523.23	501.18	509.87	2.30	ppb
Cadmium	111-1	509.68	502.59	492.66	501.64	1.70	ppb
Calcium	43-1	254594.20	249752.67	246325.69	250224.19	1.66	ppb
Calcium	44-1	251010.71	245237.37	245780.44	247342.84	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.15	505.53	492.95	500.88	1.38	ppb
Cobalt	59-2	523.83	524.96	532.08	526.96	0.85	ppb
Copper	63-2	5151.01	5149.74	5142.19	5147.65	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	127560.22	126641.45	126340.50	126847.39	0.50	ppb
Iron	57-2	125439.69	125224.34	123993.98	124886.00	0.62	ppb
Iron	54-2	128445.58	126829.60	127986.48	127753.89	0.65	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2566.80	2500.75	2588.34	2551.96	1.79	ppb
Lead	207-1	2512.61	2517.51	2596.41	2542.18	1.85	ppb
Lead	208-1	2530.56	2528.59	2591.90	2550.35	1.41	ppb
Lithium	6-1				102		%
Magnesium	24-2	242120.91	243636.69	238915.02	241557.54	1.00	ppb
Manganese	55-2	4969.27	4976.84	4949.56	4965.22	0.28	ppb
Molybdenum	94-1	5078.45	5045.40	5119.99	5081.28	0.74	ppb
Molybdenum	95-1	5066.16	5088.26	5103.27	5085.90	0.37	ppb
Molybdenum	96-1	5135.90	5097.39	5086.50	5106.60	0.51	ppb
Molybdenum	97-1	5128.97	5068.94	5086.04	5094.65	0.61	ppb
Molybdenum	98-1	5180.48	5053.46	5062.22	5098.72	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.93	507.90	505.57	510.13	1.18	ppb
Phosphorus	31-2	10128.30	10135.67	9917.28	10060.42	1.23	ppb
Potassium	39-2	118789.41	120376.43	119268.96	119478.27	0.68	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	483.91	489.47	488.86	487.41	0.63	ppb
Selenium	77-2	453.66	475.82	467.69	465.72	2.41	ppb
Selenium	78-2	469.00	477.33	482.25	476.20	1.41	ppb
Silicon	28-1	393.38	394.09	402.31	396.59	1.25	ppb
Silver	107-1	508.22	524.94	502.20	511.78	2.30	ppb
Silver	109-1	502.96	505.28	500.51	502.92	0.47	ppb
Sodium	23-2	248690.53	249101.33	247755.37	248515.74	0.28	ppb
Strontium	86-1	12756.19	12449.26	12655.58	12620.34	1.24	ppb
Strontium	88-1	12640.47	12545.76	12534.95	12573.73	0.46	ppb
Sulfur	34-1	9748.21	9265.45	9233.24	9415.63	3.06	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	519.78	493.05	517.62	510.15	2.91	ppb
Thallium	205-1	515.93	497.41	516.21	509.85	2.11	ppb
Tin	118-1	503.58	502.95	496.66	501.06	0.76	ppb
Titanium	47-1	4976.22	4896.86	4978.01	4950.36	0.94	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	523.67	517.13	539.50	526.76	2.18	ppb
Vanadium	51-2	516.82	514.61	509.11	513.51	0.77	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	5159.16	5146.47	5065.99	5123.87	0.99	ppb
Zirconium	90-1	501.31	505.74	515.70	507.58	1.45	ppb
Zirconium	91-1	510.69	511.17	525.03	515.63	1.58	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.89	2.37	2.44	2.57	11.18	ppb
Antimony	121-1	0.32	0.33	0.37	0.34	8.53	ppb
Arsenic	75-2	0.03	0.06	0.03	0.04	47.11	ppb
Barium	135-1	0.13	0.10	0.07	0.10	28.84	ppb
Barium	137-1	0.12	0.08	0.07	0.09	31.53	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	18.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.04	0.06	0.05	15.49	ppb
Cadmium	106-1	-0.15	-0.17	-0.33	-0.22		ppb
Cadmium	111-1	0.02	0.02	0.00	0.01	116.58	ppb
Calcium	43-1	10.33	6.65	7.70	8.23	23.01	ppb
Calcium	44-1	0.78	-1.17	-2.62	-1.00		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.03	0.02	51.94	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	40.29	ppb
Copper	63-2	0.12	0.14	0.18	0.15	23.69	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				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	5.16	5.42	5.76	5.45	5.49	ppb
Iron	57-2	1.57	1.61	3.66	2.28	52.37	ppb
Iron	54-2	5.90	5.66	6.89	6.15	10.59	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.19	0.19	0.20	15.14	ppb
Lead	207-1	0.23	0.23	0.20	0.22	8.20	ppb
Lead	208-1	0.23	0.20	0.19	0.21	10.39	ppb
Lithium	6-1				107		%
Magnesium	24-2	8.11	7.83	8.82	8.25	6.13	ppb
Manganese	55-2	0.10	0.12	0.12	0.11	10.44	ppb
Molybdenum	94-1	0.46	0.42	0.43	0.44	4.82	ppb
Molybdenum	95-1	0.36	0.30	0.26	0.31	16.92	ppb
Molybdenum	96-1	0.39	0.31	0.33	0.34	12.16	ppb
Molybdenum	97-1	0.38	0.30	0.29	0.32	16.12	ppb
Molybdenum	98-1	0.36	0.30	0.30	0.32	11.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	1161.02	ppb
Phosphorus	31-2	-16.21	-17.19	-20.97	-18.12		ppb
Potassium	39-2	0.18	1.18	-0.46	0.30	274.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.13	0.18	0.42	0.25	62.49	ppb
Selenium	77-2	-0.05	0.10	-0.05	0.00	18723.21	ppb
Selenium	78-2	0.70	-1.60	-0.57	-0.49		ppb
Silicon	28-1	0.48	0.36	0.41	0.42	15.00	ppb
Silver	107-1	0.08	0.06	0.06	0.07	15.13	ppb
Silver	109-1	0.08	0.07	0.05	0.07	24.65	ppb
Sodium	23-2	22.07	21.50	22.17	21.91	1.64	ppb
Strontium	86-1	0.57	0.43	0.43	0.48	17.65	ppb
Strontium	88-1	0.56	0.43	0.40	0.46	19.02	ppb
Sulfur	34-1	-691.33	-755.09	-721.04	-722.49		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.05	0.04	0.05	30.93	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	22.83	ppb
Tin	118-1	0.08	0.11	0.13	0.11	21.12	ppb
Titanium	47-1	0.33	0.28	0.26	0.29	13.01	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	11.52	ppb
Vanadium	51-2	0.02	0.03	0.03	0.02	26.04	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.32	0.26	0.13	0.24	41.95	ppb
Zirconium	90-1	0.09	0.10	0.11	0.10	7.72	ppb
Zirconium	91-1	0.10	0.10	0.11	0.10	3.20	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71512.52	71077.79	72528.31	71706.21	1.04	ppb
Antimony	121-1	0.94	0.95	0.99	0.96	2.89	ppb
Arsenic	75-2	175.96	177.22	175.80	176.33	0.44	ppb
Barium	135-1	193.87	194.38	196.02	194.76	0.58	ppb
Barium	137-1	191.79	195.46	196.99	194.75	1.37	ppb
Beryllium	9-1	1.27	1.39	1.41	1.36	5.53	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.64	1.94	1.74	1.77	8.49	ppb
Cadmium	106-1	1.79	2.15	1.11	1.69	31.35	ppb
Cadmium	111-1	1.18	1.24	1.06	1.16	8.03	ppb
Calcium	43-1	8495.97	8472.22	8549.92	8506.04	0.47	ppb
Calcium	44-1	8113.08	8246.42	8112.87	8157.46	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166.87	170.19	173.96	170.34	2.08	ppb
Cobalt	59-2	83.22	82.07	83.16	82.81	0.78	ppb
Copper	63-2	274.81	277.31	273.58	275.23	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	185601.35	187071.94	188775.98	187149.76	0.85	ppb
Iron	57-2	181739.68	179287.95	180922.94	180650.19	0.69	ppb
Iron	54-2	186749.93	185359.17	185531.62	185880.24	0.41	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.02	43.78	43.21	43.34	0.92	ppb
Lead	207-1	42.67	43.24	43.37	43.09	0.87	ppb
Lead	208-1	42.71	43.30	42.92	42.97	0.69	ppb
Lithium	6-1				95		%
Magnesium	24-2	49443.34	47640.61	49349.33	48811.09	2.08	ppb
Manganese	55-2	2812.72	2817.21	2787.94	2805.96	0.56	ppb
Molybdenum	94-1	8.11	8.10	8.44	8.22	2.39	ppb
Molybdenum	95-1	1.45	1.39	1.45	1.43	2.45	ppb
Molybdenum	96-1	3.13	3.23	3.29	3.22	2.47	ppb
Molybdenum	97-1	1.41	1.45	1.43	1.43	1.33	ppb
Molybdenum	98-1	1.33	1.39	1.39	1.37	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.61	119.25	118.91	118.92	0.27	ppb
Phosphorus	31-2	1827.06	1811.00	1777.60	1805.22	1.40	ppb
Potassium	39-2	5221.36	5154.74	5267.11	5214.40	1.08	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				114		%
Scandium	45-2				114		%
Selenium	82-1	1.41	1.82	1.53	1.59	13.18	ppb
Selenium	77-2	15.96	15.39	17.32	16.23	6.11	ppb
Selenium	78-2	2.86	2.67	3.63	3.05	16.74	ppb
Silicon	28-1	1233.36	1229.91	1231.28	1231.52	0.14	ppb
Silver	107-1	0.39	0.38	0.38	0.38	1.72	ppb
Silver	109-1	0.40	0.38	0.35	0.38	6.79	ppb
Sodium	23-2	144.53	142.79	144.23	143.85	0.65	ppb
Strontium	86-1	52.02	52.79	54.38	53.07	2.27	ppb
Strontium	88-1	54.41	54.72	55.08	54.74	0.62	ppb
Sulfur	34-1	-1705.12	-1855.68	-1909.41	-1823.40		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.17	0.17	0.17	0.17	1.58	ppb
Thallium	205-1	0.16	0.17	0.17	0.17	2.89	ppb
Tin	118-1	3.52	3.50	3.58	3.53	1.30	ppb
Titanium	47-1	669.38	659.03	662.89	663.77	0.79	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.54	0.55	0.54	0.54	0.37	ppb
Vanadium	51-2	560.52	571.99	570.50	567.67	1.10	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	247.53	245.65	246.62	246.60	0.38	ppb
Zirconium	90-1	4.09	4.18	4.33	4.20	2.99	ppb
Zirconium	91-1	4.28	4.31	4.45	4.35	2.08	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13549.44	13261.64	13633.17	13481.42	1.45	ppb
Antimony	121-1	0.15	0.17	0.16	0.16	4.76	ppb
Arsenic	75-2	18.76	19.22	18.26	18.75	2.56	ppb
Barium	135-1	101.00	102.44	100.56	101.33	0.97	ppb
Barium	137-1	100.79	104.27	101.46	102.17	1.81	ppb
Beryllium	9-1	0.74	0.87	0.81	0.81	8.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.57	0.53	0.41	0.50	16.60	ppb
Cadmium	106-1	0.28	0.29	-1.21	-0.21		ppb
Cadmium	111-1	0.12	0.11	0.01	0.08	72.07	ppb
Calcium	43-1	3227.96	3218.98	3153.82	3200.25	1.26	ppb
Calcium	44-1	3049.58	3065.35	3029.96	3048.29	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.76	25.21	24.92	24.97	0.91	ppb
Cobalt	59-2	8.00	7.90	8.19	8.03	1.82	ppb
Copper	63-2	24.42	24.34	24.37	24.38	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	20857.59	20663.56	20588.26	20703.14	0.67	ppb
Iron	57-2	20536.30	19994.35	20104.46	20211.70	1.42	ppb
Iron	54-2	20544.93	21154.75	20348.38	20682.68	2.03	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.33	12.27	12.04	12.21	1.26	ppb
Lead	207-1	12.23	12.22	12.15	12.20	0.36	ppb
Lead	208-1	12.16	12.19	12.07	12.14	0.52	ppb
Lithium	6-1				103		%
Magnesium	24-2	4711.88	4666.75	4666.04	4681.55	0.56	ppb
Manganese	55-2	1047.60	1045.27	1024.98	1039.29	1.20	ppb
Molybdenum	94-1	8.65	8.50	8.42	8.53	1.38	ppb
Molybdenum	95-1	0.21	0.22	0.21	0.21	4.66	ppb
Molybdenum	96-1	1.18	1.20	1.16	1.18	1.55	ppb
Molybdenum	97-1	0.20	0.17	0.18	0.18	8.09	ppb
Molybdenum	98-1	0.19	0.18	0.18	0.18	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.08	16.69	16.10	16.29	2.12	ppb
Phosphorus	31-2	138.41	150.28	150.89	146.52	4.80	ppb
Potassium	39-2	849.55	861.98	864.84	858.79	0.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.29	0.41	0.31	0.34	18.45	ppb
Selenium	77-2	2.60	3.41	3.43	3.15	15.08	ppb
Selenium	78-2	0.86	0.10	1.32	0.76	81.19	ppb
Silicon	28-1	433.40	421.15	425.65	426.73	1.45	ppb
Silver	107-1	0.05	0.06	0.06	0.06	7.83	ppb
Silver	109-1	0.06	0.05	0.06	0.06	7.26	ppb
Sodium	23-2	61.67	64.87	64.05	63.53	2.62	ppb
Strontium	86-1	16.35	16.32	16.17	16.28	0.57	ppb
Strontium	88-1	16.30	16.30	16.13	16.24	0.58	ppb
Sulfur	34-1	-1762.96	-1952.37	-2044.61	-1919.98		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.08	0.08	0.08	4.63	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	2.18	ppb
Tin	118-1	0.78	0.81	0.78	0.79	1.53	ppb
Titanium	47-1	189.87	185.20	183.98	186.35	1.67	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.15	0.15	3.77	ppb
Vanadium	51-2	38.88	38.42	40.31	39.21	2.52	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	33.59	33.57	35.40	34.18	3.07	ppb
Zirconium	90-1	5.03	4.96	5.01	5.00	0.79	ppb
Zirconium	91-1	4.95	4.98	5.07	5.00	1.32	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13320.22	13328.51	12974.57	13207.77	1.53	ppb
Antimony	121-1	0.15	0.15	0.16	0.15	3.64	ppb
Arsenic	75-2	19.06	19.28	18.29	18.88	2.75	ppb
Barium	135-1	122.05	123.84	122.96	122.95	0.73	ppb
Barium	137-1	121.19	123.45	123.98	122.87	1.21	ppb
Beryllium	9-1	0.82	0.83	0.86	0.84	2.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.65	0.44	0.52	21.11	ppb
Cadmium	106-1	0.94	0.44	-0.42	0.32	216.92	ppb
Cadmium	111-1	0.16	0.11	0.06	0.11	46.30	ppb
Calcium	43-1	3192.51	3269.89	3286.13	3249.51	1.54	ppb
Calcium	44-1	3061.17	3041.19	3127.07	3076.48	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.75	25.79	25.15	25.57	1.41	ppb
Cobalt	59-2	8.19	8.17	8.22	8.19	0.27	ppb
Copper	63-2	24.57	25.03	24.32	24.64	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	20316.34	20767.76	20574.07	20552.72	1.10	ppb
Iron	57-2	20070.61	20730.58	20229.90	20343.70	1.69	ppb
Iron	54-2	20765.14	21004.27	20859.92	20876.44	0.58	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.46	12.47	12.71	12.55	1.10	ppb
Lead	207-1	12.35	12.62	12.68	12.55	1.38	ppb
Lead	208-1	12.40	12.40	12.61	12.47	0.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	4585.75	4742.93	4664.32	4664.33	1.68	ppb
Manganese	55-2	1193.68	1227.07	1210.59	1210.45	1.38	ppb
Molybdenum	94-1	8.25	8.20	8.47	8.31	1.74	ppb
Molybdenum	95-1	0.22	0.20	0.23	0.22	8.43	ppb
Molybdenum	96-1	1.19	1.16	1.19	1.18	1.62	ppb
Molybdenum	97-1	0.19	0.19	0.21	0.20	5.52	ppb
Molybdenum	98-1	0.20	0.20	0.21	0.20	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.31	16.57	16.41	16.43	0.77	ppb
Phosphorus	31-2	147.62	152.50	151.65	150.59	1.73	ppb
Potassium	39-2	872.89	877.96	861.18	870.68	0.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.29	0.69	0.44	0.47	43.15	ppb
Selenium	77-2	3.06	3.66	3.80	3.51	11.21	ppb
Selenium	78-2	0.31	-0.48	0.37	0.07	728.20	ppb
Silicon	28-1	421.94	431.71	426.79	426.81	1.14	ppb
Silver	107-1	0.06	0.06	0.06	0.06	3.47	ppb
Silver	109-1	0.06	0.05	0.06	0.05	7.34	ppb
Sodium	23-2	62.73	63.80	61.53	62.69	1.82	ppb
Strontium	86-1	17.30	16.91	17.16	17.12	1.14	ppb
Strontium	88-1	17.00	16.85	17.23	17.02	1.15	ppb
Sulfur	34-1	-2106.99	-2153.57	-2196.61	-2152.39		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.08	0.08	4.00	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	4.28	ppb
Tin	118-1	0.81	0.80	0.77	0.79	2.97	ppb
Titanium	47-1	182.15	185.00	186.08	184.41	1.10	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.14	0.15	0.15	2.05	ppb
Vanadium	51-2	38.86	38.93	37.94	38.58	1.42	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	36.76	36.35	34.80	35.97	2.86	ppb
Zirconium	90-1	4.96	4.86	4.96	4.93	1.21	ppb
Zirconium	91-1	5.00	4.96	5.01	4.99	0.53	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2733.92	2731.52	2748.88	2738.10	0.34	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	6.82	ppb
Arsenic	75-2	3.65	3.78	3.85	3.76	2.72	ppb
Barium	135-1	19.63	20.94	20.44	20.34	3.26	ppb
Barium	137-1	19.50	20.29	20.45	20.08	2.52	ppb
Beryllium	9-1	0.18	0.17	0.17	0.17	2.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.14	0.10	0.10	42.13	ppb
Cadmium	106-1	-1.17	-0.40	-0.53	-0.70		ppb
Cadmium	111-1	-0.06	0.00	-0.03	-0.03		ppb
Calcium	43-1	600.39	597.21	641.47	613.02	4.03	ppb
Calcium	44-1	630.26	592.76	637.77	620.26	3.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.99	5.03	4.99	5.01	0.46	ppb
Cobalt	59-2	1.56	1.59	1.61	1.59	1.66	ppb
Copper	63-2	4.55	4.61	4.56	4.57	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	4086.21	4169.28	4095.06	4116.85	1.11	ppb
Iron	57-2	4215.09	4232.37	4215.92	4221.13	0.23	ppb
Iron	54-2	4317.90	4346.23	4376.94	4347.03	0.68	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.30	2.45	2.51	2.42	4.60	ppb
Lead	207-1	2.33	2.34	2.45	2.37	2.76	ppb
Lead	208-1	2.30	2.36	2.51	2.39	4.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	946.27	959.03	941.95	949.08	0.94	ppb
Manganese	55-2	209.38	212.45	210.68	210.84	0.73	ppb
Molybdenum	94-1	1.57	1.66	1.81	1.68	7.32	ppb
Molybdenum	95-1	0.03	0.03	0.05	0.04	23.80	ppb
Molybdenum	96-1	0.22	0.26	0.23	0.23	7.93	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	5.61	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	11.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.19	3.17	3.16	3.17	0.45	ppb
Phosphorus	31-2	18.50	10.81	14.73	14.68	26.20	ppb
Potassium	39-2	160.40	161.16	160.25	160.60	0.30	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	0.11	0.27	0.40	0.26	57.14	ppb
Selenium	77-2	0.52	0.54	0.68	0.58	15.02	ppb
Selenium	78-2	-0.49	-0.74	-1.03	-0.75		ppb
Silicon	28-1	87.57	82.12	84.02	84.57	3.27	ppb
Silver	107-1	0.02	0.02	0.01	0.01	17.61	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.78	ppb
Sodium	23-2	13.59	14.04	14.02	13.89	1.82	ppb
Strontium	86-1	2.87	3.19	3.30	3.12	7.09	ppb
Strontium	88-1	3.01	3.19	3.43	3.21	6.67	ppb
Sulfur	34-1	-2365.97	-2429.54	-2276.38	-2357.30		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	3.70	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	8.79	ppb
Tin	118-1	0.14	0.13	0.13	0.13	3.63	ppb
Titanium	47-1	35.44	34.93	36.96	35.78	2.95	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	3.80	ppb
Vanadium	51-2	7.64	7.74	7.96	7.78	2.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	6.58	6.78	6.91	6.76	2.43	ppb
Zirconium	90-1	0.93	1.04	1.04	1.00	5.91	ppb
Zirconium	91-1	0.91	1.03	1.05	1.00	7.83	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13498.48	13490.29	13052.91	13347.23	1.91	ppb
Antimony	121-1	13.67	14.06	13.99	13.91	1.48	ppb
Arsenic	75-2	25.10	24.96	23.76	24.61	3.01	ppb
Barium	135-1	366.61	370.11	372.67	369.80	0.82	ppb
Barium	137-1	394.61	404.50	393.38	397.50	1.53	ppb
Beryllium	9-1	7.37	8.14	7.88	7.80	5.03	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.03	7.24	6.40	6.89	6.31	ppb
Cadmium	106-1	6.54	6.01	5.46	6.00	9.01	ppb
Cadmium	111-1	7.18	7.20	7.16	7.18	0.27	ppb
Calcium	43-1	3155.87	3161.92	3088.04	3135.28	1.31	ppb
Calcium	44-1	3016.19	3030.36	2987.97	3011.51	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.94	52.61	54.91	53.49	2.33	ppb
Cobalt	59-2	78.74	78.55	80.10	79.13	1.07	ppb
Copper	63-2	58.06	58.27	57.81	58.05	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				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	20642.34	20378.32	20570.73	20530.47	0.67	ppb
Iron	57-2	20098.94	20020.10	20025.47	20048.17	0.22	ppb
Iron	54-2	20883.98	20340.48	20980.28	20734.91	1.66	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.55	14.41	14.50	14.49	0.50	ppb
Lead	207-1	14.36	14.28	14.42	14.35	0.46	ppb
Lead	208-1	14.43	14.36	14.46	14.42	0.34	ppb
Lithium	6-1				100		%
Magnesium	24-2	4486.54	4514.98	4526.59	4509.37	0.46	ppb
Manganese	55-2	1168.42	1161.27	1171.19	1166.96	0.44	ppb
Molybdenum	94-1	8.23	8.06	8.13	8.14	1.08	ppb
Molybdenum	95-1	0.18	0.19	0.18	0.18	3.23	ppb
Molybdenum	96-1	1.14	1.12	1.13	1.13	1.13	ppb
Molybdenum	97-1	0.18	0.19	0.18	0.18	2.86	ppb
Molybdenum	98-1	0.19	0.18	0.18	0.18	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.73	86.52	91.13	88.12	2.95	ppb
Phosphorus	31-2	143.18	136.56	146.49	142.08	3.56	ppb
Potassium	39-2	814.70	818.07	844.97	825.91	2.01	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	18.08	17.78	17.78	17.88	0.96	ppb
Selenium	77-2	25.93	21.77	21.53	23.07	10.72	ppb
Selenium	78-2	19.78	18.91	20.09	19.59	3.13	ppb
Silicon	28-1	419.98	418.45	406.88	415.10	1.73	ppb
Silver	107-1	6.09	6.24	6.32	6.22	1.80	ppb
Silver	109-1	6.14	6.21	6.23	6.19	0.80	ppb
Sodium	23-2	50.38	49.82	52.55	50.92	2.83	ppb
Strontium	86-1	16.33	16.03	16.00	16.12	1.14	ppb
Strontium	88-1	16.15	16.10	16.03	16.09	0.35	ppb
Sulfur	34-1	-2272.38	-2306.96	-2408.65	-2329.33		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	6.32	6.29	6.33	6.32	0.33	ppb
Thallium	205-1	6.27	6.37	6.29	6.31	0.83	ppb
Tin	118-1	0.73	0.77	0.76	0.75	2.41	ppb
Titanium	47-1	182.39	183.68	181.14	182.40	0.70	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.14	0.14	0.35	ppb
Vanadium	51-2	107.72	107.31	110.77	108.60	1.74	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	103.72	101.57	108.07	104.45	3.17	ppb
Zirconium	90-1	4.83	4.84	4.86	4.84	0.39	ppb
Zirconium	91-1	4.81	4.91	4.82	4.85	1.14	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14152.26	14283.21	14317.36	14250.94	0.61	ppb
Antimony	121-1	67.08	69.43	69.52	68.67	2.01	ppb
Arsenic	75-2	47.32	46.37	47.34	47.01	1.18	ppb
Barium	135-1	1443.11	1479.54	1492.37	1471.67	1.74	ppb
Barium	137-1	1457.45	1503.43	1503.77	1488.22	1.79	ppb
Beryllium	9-1	35.26	36.63	36.07	35.99	1.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.97	32.87	32.60	32.48	1.43	ppb
Cadmium	106-1	30.34	32.61	31.43	31.46	3.61	ppb
Cadmium	111-1	34.63	35.51	35.45	35.20	1.40	ppb
Calcium	43-1	2995.87	3127.40	3009.40	3044.22	2.38	ppb
Calcium	44-1	2821.53	3011.62	2940.95	2924.70	3.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.28	167.96	169.32	169.19	0.69	ppb
Cobalt	59-2	369.40	359.66	367.60	365.55	1.42	ppb
Copper	63-2	193.67	191.40	193.49	192.85	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	20836.02	20276.85	20702.25	20605.04	1.42	ppb
Iron	57-2	20521.53	20177.75	20019.42	20239.57	1.27	ppb
Iron	54-2	21157.82	20982.33	20787.02	20975.72	0.88	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.98	25.03	24.63	24.55	2.16	ppb
Lead	207-1	23.67	24.39	23.99	24.02	1.50	ppb
Lead	208-1	23.97	24.67	24.51	24.38	1.50	ppb
Lithium	6-1				98		%
Magnesium	24-2	4476.31	4453.55	4465.64	4465.16	0.25	ppb
Manganese	55-2	1421.16	1393.62	1406.12	1406.97	0.98	ppb
Molybdenum	94-1	8.10	8.22	8.30	8.21	1.27	ppb
Molybdenum	95-1	0.19	0.20	0.20	0.20	2.53	ppb
Molybdenum	96-1	1.08	1.10	1.17	1.12	4.18	ppb
Molybdenum	97-1	0.18	0.19	0.18	0.18	4.41	ppb
Molybdenum	98-1	0.19	0.19	0.19	0.19	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	377.30	376.13	376.13	376.52	0.18	ppb
Phosphorus	31-2	142.62	136.79	134.85	138.09	2.93	ppb
Potassium	39-2	817.28	816.44	813.71	815.81	0.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	79.23	82.30	82.86	81.46	2.39	ppb
Selenium	77-2	87.36	82.77	80.10	83.41	4.40	ppb
Selenium	78-2	80.68	84.95	82.73	82.79	2.58	ppb
Silicon	28-1	401.85	411.30	410.97	408.04	1.31	ppb
Silver	107-1	30.04	30.86	31.25	30.72	2.01	ppb
Silver	109-1	29.85	30.87	31.30	30.67	2.42	ppb
Sodium	23-2	51.01	50.22	50.56	50.59	0.79	ppb
Strontium	86-1	15.70	16.02	16.54	16.09	2.63	ppb
Strontium	88-1	15.56	15.96	16.03	15.85	1.62	ppb
Sulfur	34-1	-2423.04	-2339.92	-2462.66	-2408.54		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	31.17	31.96	31.50	31.54	1.26	ppb
Thallium	205-1	31.08	31.99	31.67	31.58	1.45	ppb
Tin	118-1	0.70	0.74	0.72	0.72	2.99	ppb
Titanium	47-1	176.87	184.58	178.26	179.90	2.28	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.15	0.14	0.14	4.77	ppb
Vanadium	51-2	387.45	385.86	388.66	387.32	0.36	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	394.33	387.44	389.39	390.39	0.91	ppb
Zirconium	90-1	4.71	4.82	4.84	4.79	1.47	ppb
Zirconium	91-1	4.78	4.92	4.99	4.90	2.14	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14150.57	14313.55	14386.25	14283.46	0.84	ppb
Antimony	121-1	0.21	0.23	0.22	0.22	4.25	ppb
Arsenic	75-2	35.24	35.62	35.57	35.48	0.60	ppb
Barium	135-1	124.27	124.59	125.32	124.73	0.43	ppb
Barium	137-1	124.89	126.35	124.91	125.38	0.67	ppb
Beryllium	9-1	0.65	0.57	0.60	0.61	6.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.57	0.50	0.53	7.51	ppb
Cadmium	106-1	-1.11	-1.61	-2.30	-1.67		ppb
Cadmium	111-1	0.02	0.01	-0.03	0.00		ppb
Calcium	43-1	3978.38	4059.13	4083.17	4040.23	1.36	ppb
Calcium	44-1	3896.22	3894.66	3862.78	3884.55	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.21	42.34	42.26	42.27	0.16	ppb
Cobalt	59-2	18.76	19.06	19.25	19.02	1.27	ppb
Copper	63-2	52.43	53.36	52.79	52.86	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				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	37288.24	37443.30	37029.19	37253.57	0.56	ppb
Iron	57-2	36182.23	36163.50	36139.63	36161.79	0.06	ppb
Iron	54-2	37489.97	37287.95	37776.89	37518.27	0.65	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.61	9.74	9.69	9.68	0.68	ppb
Lead	207-1	9.40	9.33	9.55	9.43	1.21	ppb
Lead	208-1	9.40	9.49	9.57	9.49	0.90	ppb
Lithium	6-1				92		%
Magnesium	24-2	8178.31	8073.29	8261.63	8171.08	1.16	ppb
Manganese	55-2	1339.98	1330.86	1332.24	1334.36	0.37	ppb
Molybdenum	94-1	7.21	7.28	7.25	7.25	0.50	ppb
Molybdenum	95-1	0.36	0.36	0.37	0.36	1.98	ppb
Molybdenum	96-1	1.37	1.32	1.34	1.34	2.03	ppb
Molybdenum	97-1	0.34	0.35	0.35	0.35	1.50	ppb
Molybdenum	98-1	0.35	0.34	0.33	0.34	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.21	31.41	31.91	31.51	1.13	ppb
Phosphorus	31-2	407.43	395.69	403.18	402.10	1.48	ppb
Potassium	39-2	1775.25	1823.98	1817.60	1805.61	1.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	0.56	0.20	0.71	0.49	53.63	ppb
Selenium	77-2	4.40	5.48	4.03	4.64	16.26	ppb
Selenium	78-2	1.00	0.43	1.70	1.04	61.07	ppb
Silicon	28-1	326.41	334.94	331.62	330.99	1.30	ppb
Silver	107-1	0.06	0.05	0.05	0.05	9.93	ppb
Silver	109-1	0.06	0.05	0.05	0.05	6.52	ppb
Sodium	23-2	42.99	43.35	43.00	43.11	0.48	ppb
Strontium	86-1	21.73	21.85	21.84	21.81	0.32	ppb
Strontium	88-1	21.82	21.74	21.76	21.77	0.20	ppb
Sulfur	34-1	-1561.03	-1842.80	-1942.24	-1782.03		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.09	0.09	0.09	5.18	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	2.33	ppb
Tin	118-1	0.75	0.75	0.75	0.75	0.29	ppb
Titanium	47-1	263.87	269.12	270.78	267.92	1.35	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.22	0.23	0.22	3.31	ppb
Vanadium	51-2	74.00	74.13	73.77	73.97	0.24	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	60.73	61.30	62.53	61.52	1.49	ppb
Zirconium	90-1	4.15	4.19	4.20	4.18	0.52	ppb
Zirconium	91-1	4.26	4.20	4.30	4.25	1.19	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14503.50	14458.19	14423.20	14461.63	0.28	ppb
Antimony	121-1	0.22	0.22	0.23	0.22	1.75	ppb
Arsenic	75-2	35.18	35.78	35.39	35.45	0.86	ppb
Barium	135-1	125.32	125.25	125.02	125.20	0.12	ppb
Barium	137-1	126.13	125.64	127.20	126.32	0.63	ppb
Beryllium	9-1	0.54	0.51	0.60	0.55	7.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.44	0.47	0.54	0.48	11.05	ppb
Cadmium	106-1	0.06	-0.70	-0.26	-0.30		ppb
Cadmium	111-1	0.15	0.11	0.11	0.12	19.99	ppb
Calcium	43-1	4057.08	4024.68	3986.85	4022.87	0.87	ppb
Calcium	44-1	3840.56	3839.20	3799.23	3826.33	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.76	41.28	41.61	41.55	0.59	ppb
Cobalt	59-2	19.07	18.91	18.78	18.92	0.77	ppb
Copper	63-2	53.06	52.19	52.33	52.53	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				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	36969.91	37127.00	36628.07	36908.33	0.69	ppb
Iron	57-2	36067.32	36127.35	36026.91	36073.86	0.14	ppb
Iron	54-2	36906.89	36712.68	37081.09	36900.22	0.50	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.67	9.66	9.46	9.59	1.25	ppb
Lead	207-1	9.34	9.68	9.35	9.45	2.02	ppb
Lead	208-1	9.43	9.61	9.36	9.47	1.37	ppb
Lithium	6-1				95		%
Magnesium	24-2	8201.21	7930.71	8103.34	8078.42	1.70	ppb
Manganese	55-2	1317.92	1329.22	1313.10	1320.08	0.63	ppb
Molybdenum	94-1	7.24	7.37	7.49	7.37	1.74	ppb
Molybdenum	95-1	0.35	0.35	0.36	0.35	2.09	ppb
Molybdenum	96-1	1.29	1.33	1.32	1.31	1.67	ppb
Molybdenum	97-1	0.35	0.36	0.36	0.36	2.51	ppb
Molybdenum	98-1	0.33	0.33	0.34	0.33	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.53	31.16	30.83	31.17	1.12	ppb
Phosphorus	31-2	394.20	399.00	377.98	390.39	2.82	ppb
Potassium	39-2	1840.28	1773.42	1782.55	1798.75	2.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.66	0.52	0.87	0.68	25.54	ppb
Selenium	77-2	4.08	4.39	3.83	4.10	6.76	ppb
Selenium	78-2	0.83	1.05	0.08	0.65	77.47	ppb
Silicon	28-1	342.52	329.38	338.07	336.66	1.99	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.25	ppb
Silver	109-1	0.05	0.04	0.04	0.04	3.69	ppb
Sodium	23-2	44.65	44.92	44.77	44.78	0.30	ppb
Strontium	86-1	21.76	21.67	22.00	21.81	0.80	ppb
Strontium	88-1	21.57	21.74	21.92	21.74	0.80	ppb
Sulfur	34-1	-1836.91	-1951.26	-2002.20	-1930.12		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.08	0.10	0.09	7.36	ppb
Thallium	205-1	0.08	0.08	0.09	0.09	2.14	ppb
Tin	118-1	0.73	0.74	0.76	0.75	2.04	ppb
Titanium	47-1	273.42	272.55	271.18	272.38	0.41	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.22	0.22	0.22	2.44	ppb
Vanadium	51-2	73.78	72.79	72.92	73.16	0.74	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	60.22	59.68	59.08	59.66	0.96	ppb
Zirconium	90-1	4.18	4.26	4.33	4.26	1.76	ppb
Zirconium	91-1	4.17	4.31	4.28	4.25	1.76	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2956.98	3002.55	2965.33	2974.95	0.82	ppb
Antimony	121-1	0.06	0.04	0.04	0.04	23.62	ppb
Arsenic	75-2	6.97	6.93	7.11	7.00	1.33	ppb
Barium	135-1	24.85	24.51	23.87	24.41	2.05	ppb
Barium	137-1	24.79	24.44	24.30	24.51	1.03	ppb
Beryllium	9-1	0.10	0.12	0.10	0.11	13.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.16	0.04	0.11	55.78	ppb
Cadmium	106-1	-0.88	-0.61	-1.21	-0.90		ppb
Cadmium	111-1	-0.04	-0.03	-0.06	-0.04		ppb
Calcium	43-1	779.02	819.92	869.43	822.79	5.50	ppb
Calcium	44-1	777.23	792.86	824.16	798.08	2.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.35	8.44	8.47	8.42	0.71	ppb
Cobalt	59-2	3.79	3.81	3.75	3.78	0.84	ppb
Copper	63-2	10.38	10.52	10.33	10.41	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	7439.76	7485.39	7369.44	7431.53	0.79	ppb
Iron	57-2	7584.89	7641.43	7579.14	7601.82	0.45	ppb
Iron	54-2	7359.85	7560.58	7432.35	7450.93	1.36	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.91	1.92	1.92	1.92	0.57	ppb
Lead	207-1	1.78	1.87	1.90	1.85	3.53	ppb
Lead	208-1	1.84	1.86	1.88	1.86	1.16	ppb
Lithium	6-1				96		%
Magnesium	24-2	1672.30	1682.99	1678.05	1677.78	0.32	ppb
Manganese	55-2	266.56	271.11	269.56	269.08	0.86	ppb
Molybdenum	94-1	1.44	1.51	1.46	1.47	2.34	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	1.99	ppb
Molybdenum	96-1	0.26	0.27	0.27	0.27	3.28	ppb
Molybdenum	97-1	0.08	0.08	0.08	0.08	2.28	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.15	6.40	6.36	6.30	2.12	ppb
Phosphorus	31-2	62.50	62.98	70.65	65.38	6.99	ppb
Potassium	39-2	369.99	375.52	372.44	372.65	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.33	0.32	0.49	0.38	24.82	ppb
Selenium	77-2	0.81	0.82	0.94	0.86	8.71	ppb
Selenium	78-2	-0.01	0.09	-1.26	-0.39		ppb
Silicon	28-1	66.37	66.81	68.71	67.29	1.85	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.14	ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.93	ppb
Sodium	23-2	5.39	5.19	4.64	5.08	7.68	ppb
Strontium	86-1	4.33	4.54	4.48	4.45	2.43	ppb
Strontium	88-1	4.25	4.41	4.42	4.36	2.14	ppb
Sulfur	34-1	-1837.08	-1748.61	-1707.82	-1764.50		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.02	0.02	22.79	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	18.54	ppb
Tin	118-1	0.14	0.14	0.14	0.14	1.94	ppb
Titanium	47-1	52.22	54.62	56.11	54.31	3.61	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.05	0.04	8.30	ppb
Vanadium	51-2	14.64	14.79	14.76	14.73	0.55	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	13.17	13.37	12.80	13.11	2.21	ppb
Zirconium	90-1	0.83	0.85	0.83	0.84	1.29	ppb
Zirconium	91-1	0.81	0.86	0.87	0.84	4.08	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14662.77	14544.53	14651.87	14619.72	0.45	ppb
Antimony	121-1	14.26	14.81	14.39	14.49	2.01	ppb
Arsenic	75-2	41.22	40.96	41.85	41.34	1.11	ppb
Barium	135-1	390.78	400.21	394.33	395.10	1.20	ppb
Barium	137-1	411.15	419.25	423.35	417.92	1.49	ppb
Beryllium	9-1	7.98	8.20	8.18	8.12	1.52	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.10	6.80	7.87	7.26	7.60	ppb
Cadmium	106-1	5.84	7.02	7.21	6.69	11.13	ppb
Cadmium	111-1	7.38	7.54	7.40	7.44	1.18	ppb
Calcium	43-1	3949.84	4074.86	4021.22	4015.31	1.56	ppb
Calcium	44-1	3750.34	3875.50	3824.76	3816.87	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72.05	71.53	71.75	71.78	0.36	ppb
Cobalt	59-2	92.03	93.09	92.30	92.47	0.60	ppb
Copper	63-2	87.41	88.44	87.67	87.84	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				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	37249.10	37594.60	37384.97	37409.55	0.47	ppb
Iron	57-2	35887.91	36616.61	36495.04	36333.19	1.07	ppb
Iron	54-2	37241.40	37972.38	37200.32	37471.37	1.16	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.24	12.33	12.39	12.32	0.63	ppb
Lead	207-1	12.01	12.13	12.17	12.10	0.66	ppb
Lead	208-1	12.06	12.14	12.22	12.14	0.67	ppb
Lithium	6-1				97		%
Magnesium	24-2	8226.92	8074.47	8155.09	8152.16	0.94	ppb
Manganese	55-2	1410.11	1417.13	1395.42	1407.55	0.79	ppb
Molybdenum	94-1	7.37	7.47	7.30	7.38	1.17	ppb
Molybdenum	95-1	0.33	0.36	0.36	0.35	4.10	ppb
Molybdenum	96-1	1.32	1.29	1.31	1.31	1.08	ppb
Molybdenum	97-1	0.33	0.38	0.38	0.36	7.10	ppb
Molybdenum	98-1	0.33	0.32	0.33	0.33	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.09	106.41	104.95	105.48	0.76	ppb
Phosphorus	31-2	380.60	385.16	382.36	382.71	0.60	ppb
Potassium	39-2	1793.40	1791.54	1800.02	1794.99	0.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	18.54	18.84	17.44	18.27	4.02	ppb
Selenium	77-2	22.54	22.69	22.78	22.67	0.53	ppb
Selenium	78-2	18.30	18.31	18.91	18.51	1.89	ppb
Silicon	28-1	339.93	343.45	335.97	339.78	1.10	ppb
Silver	107-1	6.24	6.46	6.41	6.37	1.79	ppb
Silver	109-1	6.28	6.57	6.34	6.40	2.33	ppb
Sodium	23-2	44.68	45.36	44.92	44.99	0.77	ppb
Strontium	86-1	21.82	22.04	21.97	21.94	0.52	ppb
Strontium	88-1	21.72	21.96	21.85	21.84	0.54	ppb
Sulfur	34-1	-1886.53	-1890.29	-1993.82	-1923.55		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	6.53	6.55	6.63	6.57	0.80	ppb
Thallium	205-1	6.52	6.51	6.60	6.54	0.74	ppb
Tin	118-1	0.71	0.77	0.81	0.76	6.10	ppb
Titanium	47-1	266.07	271.90	269.62	269.20	1.09	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.22	0.22	0.23	1.70	ppb
Vanadium	51-2	145.35	147.82	147.67	146.94	0.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	134.09	134.34	133.12	133.85	0.48	ppb
Zirconium	90-1	4.18	4.30	4.22	4.23	1.43	ppb
Zirconium	91-1	4.35	4.33	4.20	4.30	1.88	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15517.14	15402.17	15918.74	15612.69	1.74	ppb
Antimony	121-1	71.48	73.73	72.26	72.49	1.58	ppb
Arsenic	75-2	64.28	63.38	64.59	64.08	0.99	ppb
Barium	135-1	1759.36	1775.45	1735.80	1756.87	1.14	ppb
Barium	137-1	1775.97	1819.76	1780.47	1792.07	1.34	ppb
Beryllium	9-1	41.58	44.62	43.68	43.29	3.59	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.43	35.95	34.74	35.04	2.28	ppb
Cadmium	106-1	32.08	36.27	33.24	33.86	6.40	ppb
Cadmium	111-1	37.03	37.79	36.75	37.19	1.44	ppb
Calcium	43-1	3845.41	3845.13	3840.72	3843.75	0.07	ppb
Calcium	44-1	3675.16	3736.82	3711.13	3707.70	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210.25	209.89	213.74	211.29	1.01	ppb
Cobalt	59-2	450.73	449.06	448.91	449.57	0.22	ppb
Copper	63-2	261.22	258.18	264.54	261.31	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				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	37220.64	35872.68	36634.32	36575.88	1.85	ppb
Iron	57-2	36221.91	36413.36	36117.82	36251.03	0.41	ppb
Iron	54-2	37378.59	36139.92	37929.88	37149.46	2.47	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.32	22.89	22.69	22.63	1.28	ppb
Lead	207-1	22.10	22.18	22.00	22.09	0.40	ppb
Lead	208-1	22.16	22.43	22.26	22.28	0.62	ppb
Lithium	6-1				102		%
Magnesium	24-2	7918.76	7782.19	8083.75	7928.23	1.90	ppb
Manganese	55-2	1692.56	1653.05	1704.72	1683.45	1.60	ppb
Molybdenum	94-1	7.11	7.30	7.49	7.30	2.56	ppb
Molybdenum	95-1	0.37	0.35	0.38	0.37	3.49	ppb
Molybdenum	96-1	1.23	1.28	1.31	1.27	3.11	ppb
Molybdenum	97-1	0.36	0.36	0.32	0.35	6.54	ppb
Molybdenum	98-1	0.32	0.36	0.34	0.34	5.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.04	462.74	468.82	460.87	1.96	ppb
Phosphorus	31-2	394.40	359.91	374.33	376.21	4.60	ppb
Potassium	39-2	1762.12	1694.25	1727.43	1727.93	1.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	79.69	82.32	83.74	81.92	2.51	ppb
Selenium	77-2	89.68	80.51	89.17	86.45	5.96	ppb
Selenium	78-2	85.98	79.85	83.17	83.00	3.70	ppb
Silicon	28-1	316.73	328.28	330.35	325.12	2.26	ppb
Silver	107-1	30.62	31.46	31.16	31.08	1.37	ppb
Silver	109-1	30.19	32.04	31.44	31.22	3.02	ppb
Sodium	23-2	44.97	44.38	46.12	45.16	1.97	ppb
Strontium	86-1	20.68	21.38	21.73	21.26	2.51	ppb
Strontium	88-1	20.95	21.18	21.61	21.25	1.59	ppb
Sulfur	34-1	-1957.88	-1989.23	-1983.01	-1976.71		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	32.86	32.90	33.10	32.95	0.39	ppb
Thallium	205-1	32.72	33.03	32.87	32.87	0.48	ppb
Tin	118-1	0.68	0.75	0.71	0.72	4.87	ppb
Titanium	47-1	251.39	260.97	260.18	257.51	2.07	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.21	0.21	1.70	ppb
Vanadium	51-2	480.41	481.41	498.80	486.87	2.12	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	486.60	474.73	484.09	481.81	1.30	ppb
Zirconium	90-1	4.07	4.13	4.12	4.11	0.75	ppb
Zirconium	91-1	4.18	4.23	4.30	4.24	1.40	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67503.30	67273.65	66641.02	67139.32	0.67	ppb
Antimony	121-1	0.60	0.63	0.62	0.62	2.36	ppb
Arsenic	75-2	133.86	133.16	136.81	134.61	1.44	ppb
Barium	135-1	362.93	364.93	356.52	361.46	1.21	ppb
Barium	137-1	386.21	392.23	376.94	385.13	2.00	ppb
Beryllium	9-1	1.19	1.21	1.16	1.19	2.07	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	0.89	1.19	1.04	14.24	ppb
Cadmium	106-1	1.49	1.39	0.73	1.20	34.42	ppb
Cadmium	111-1	0.52	0.56	0.45	0.51	10.77	ppb
Calcium	43-1	7725.08	7749.14	7770.97	7748.39	0.30	ppb
Calcium	44-1	7350.75	7362.28	7459.34	7390.79	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.41	125.51	124.27	125.06	0.55	ppb
Cobalt	59-2	91.16	90.90	88.92	90.33	1.36	ppb
Copper	63-2	312.54	307.56	311.23	310.44	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				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	162028.97	161103.76	162159.24	161763.99	0.36	ppb
Iron	57-2	161063.98	157097.53	158901.78	159021.09	1.25	ppb
Iron	54-2	161517.05	164198.56	160935.85	162217.15	1.07	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.84	15.17	14.96	14.99	1.14	ppb
Lead	207-1	14.34	14.85	14.60	14.60	1.77	ppb
Lead	208-1	14.47	14.83	14.66	14.65	1.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	44392.24	44678.55	43998.87	44356.55	0.77	ppb
Manganese	55-2	3044.94	3040.45	3051.92	3045.77	0.19	ppb
Molybdenum	94-1	7.05	7.47	7.27	7.26	2.90	ppb
Molybdenum	95-1	1.22	1.32	1.24	1.26	4.17	ppb
Molybdenum	96-1	2.80	2.81	2.80	2.80	0.15	ppb
Molybdenum	97-1	1.24	1.30	1.28	1.27	2.56	ppb
Molybdenum	98-1	1.21	1.22	1.24	1.23	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.28	118.26	117.88	118.14	0.19	ppb
Phosphorus	31-2	1679.48	1718.82	1670.39	1689.56	1.52	ppb
Potassium	39-2	9587.87	9659.57	9593.82	9613.75	0.41	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	1.04	0.62	0.81	0.82	25.57	ppb
Selenium	77-2	11.33	12.05	12.46	11.95	4.77	ppb
Selenium	78-2	1.91	1.32	1.91	1.71	20.09	ppb
Silicon	28-1	861.98	866.48	894.03	874.16	1.99	ppb
Silver	107-1	0.22	0.16	0.15	0.17	21.66	ppb
Silver	109-1	0.23	0.18	0.15	0.19	21.89	ppb
Sodium	23-2	156.83	159.83	160.86	159.17	1.31	ppb
Strontium	86-1	56.62	58.44	57.62	57.56	1.59	ppb
Strontium	88-1	58.59	57.88	58.73	58.40	0.78	ppb
Sulfur	34-1	-1760.42	-1781.28	-1730.30	-1757.33		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.17	0.18	0.19	0.18	5.14	ppb
Thallium	205-1	0.18	0.19	0.19	0.19	4.30	ppb
Tin	118-1	2.58	2.71	2.69	2.66	2.63	ppb
Titanium	47-1	1260.01	1257.90	1276.75	1264.89	0.82	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.41	0.40	0.41	0.41	0.88	ppb
Vanadium	51-2	512.45	508.28	506.83	509.19	0.57	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	207.36	205.47	205.72	206.19	0.50	ppb
Zirconium	90-1	3.66	3.72	3.65	3.68	1.04	ppb
Zirconium	91-1	3.74	3.83	3.79	3.79	1.17	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58938.81	57991.52	59393.92	58774.75	1.22	ppb
Antimony	121-1	2.18	2.22	2.22	2.21	1.22	ppb
Arsenic	75-2	114.43	114.79	116.34	115.19	0.88	ppb
Barium	135-1	372.75	371.36	378.91	374.34	1.07	ppb
Barium	137-1	394.87	396.36	401.42	397.55	0.86	ppb
Beryllium	9-1	1.86	1.88	2.01	1.92	4.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.31	1.26	1.61	1.39	13.66	ppb
Cadmium	106-1	1.98	2.44	1.15	1.86	35.12	ppb
Cadmium	111-1	1.00	1.02	1.00	1.01	1.12	ppb
Calcium	43-1	23502.22	23249.36	24065.37	23605.65	1.77	ppb
Calcium	44-1	22368.81	22080.46	22271.19	22240.15	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.03	120.07	119.04	119.38	0.50	ppb
Cobalt	59-2	72.99	72.84	72.90	72.91	0.10	ppb
Copper	63-2	267.66	267.01	261.97	265.55	1.17	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				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	146823.83	145694.94	146457.51	146325.43	0.39	ppb
Iron	57-2	144294.40	144008.59	143935.21	144079.40	0.13	ppb
Iron	54-2	145168.37	147276.33	149505.34	147316.68	1.47	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.73	32.81	33.84	33.13	1.86	ppb
Lead	207-1	31.91	32.20	33.25	32.45	2.17	ppb
Lead	208-1	32.17	32.34	33.35	32.62	1.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	39922.05	40461.91	40213.80	40199.25	0.67	ppb
Manganese	55-2	2845.64	2845.91	2880.42	2857.32	0.70	ppb
Molybdenum	94-1	11.82	12.38	12.37	12.19	2.62	ppb
Molybdenum	95-1	1.18	1.22	1.23	1.21	2.03	ppb
Molybdenum	96-1	3.13	3.18	3.23	3.18	1.72	ppb
Molybdenum	97-1	1.23	1.21	1.16	1.20	2.77	ppb
Molybdenum	98-1	1.16	1.13	1.14	1.14	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.80	117.09	118.71	117.86	0.69	ppb
Phosphorus	31-2	4342.56	4290.32	4356.14	4329.67	0.80	ppb
Potassium	39-2	9505.68	9471.11	9548.74	9508.51	0.41	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.92	0.82	1.35	1.03	27.41	ppb
Selenium	77-2	9.81	11.65	11.03	10.83	8.64	ppb
Selenium	78-2	2.17	2.48	2.56	2.40	8.58	ppb
Silicon	28-1	897.91	883.79	906.81	896.17	1.30	ppb
Silver	107-1	0.16	0.17	0.16	0.16	1.04	ppb
Silver	109-1	0.16	0.16	0.17	0.16	2.84	ppb
Sodium	23-2	203.78	206.80	210.26	206.95	1.57	ppb
Strontium	86-1	159.43	161.96	161.57	160.99	0.85	ppb
Strontium	88-1	159.52	159.09	165.49	161.37	2.22	ppb
Sulfur	34-1	-970.51	-1055.11	-911.56	-979.06		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.19	0.20	0.20	0.20	4.46	ppb
Thallium	205-1	0.18	0.19	0.19	0.19	1.69	ppb
Tin	118-1	3.20	3.27	3.34	3.27	2.12	ppb
Titanium	47-1	995.53	996.23	1003.88	998.55	0.46	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.48	0.46	0.49	0.48	3.59	ppb
Vanadium	51-2	423.89	420.38	416.86	420.38	0.84	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	310.68	308.02	311.28	309.99	0.56	ppb
Zirconium	90-1	6.45	6.78	6.76	6.66	2.75	ppb
Zirconium	91-1	6.79	6.79	6.98	6.86	1.57	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63186.59	63036.72	64377.08	63533.46	1.16	ppb
Antimony	121-1	1.17	1.23	1.23	1.21	2.70	ppb
Arsenic	75-2	161.57	160.30	158.98	160.28	0.81	ppb
Barium	135-1	598.53	611.24	596.85	602.21	1.31	ppb
Barium	137-1	610.44	617.30	602.19	609.98	1.24	ppb
Beryllium	9-1	2.00	2.09	2.04	2.04	2.29	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.04	2.29	2.07	2.13	6.47	ppb
Cadmium	106-1	2.04	2.65	2.45	2.38	13.03	ppb
Cadmium	111-1	1.31	1.37	1.41	1.36	3.47	ppb
Calcium	43-1	27088.09	25980.55	26677.20	26581.94	2.11	ppb
Calcium	44-1	26863.31	26551.78	26663.44	26692.84	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135.86	135.16	137.23	136.08	0.77	ppb
Cobalt	59-2	85.09	84.56	85.26	84.97	0.43	ppb
Copper	63-2	319.26	320.58	319.91	319.92	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				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	170125.50	169618.64	170317.20	170020.45	0.21	ppb
Iron	57-2	163616.88	164634.38	166521.09	164924.12	0.89	ppb
Iron	54-2	168881.32	168054.55	171779.25	169571.71	1.15	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.48	45.21	45.55	45.41	0.40	ppb
Lead	207-1	44.21	44.48	44.14	44.28	0.41	ppb
Lead	208-1	44.49	44.48	44.48	44.48	0.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	42960.94	43016.09	43781.01	43252.68	1.06	ppb
Manganese	55-2	3252.43	3260.07	3279.52	3264.01	0.43	ppb
Molybdenum	94-1	15.88	16.13	15.97	15.99	0.79	ppb
Molybdenum	95-1	1.49	1.60	1.54	1.54	3.84	ppb
Molybdenum	96-1	3.95	4.02	4.01	3.99	1.00	ppb
Molybdenum	97-1	1.59	1.59	1.62	1.60	1.13	ppb
Molybdenum	98-1	1.52	1.53	1.55	1.53	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.19	125.10	126.12	125.47	0.45	ppb
Phosphorus	31-2	4277.99	4267.96	4278.74	4274.90	0.14	ppb
Potassium	39-2	10906.89	10775.15	10809.04	10830.36	0.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	1.14	1.09	1.49	1.24	17.30	ppb
Selenium	77-2	13.88	10.19	9.87	11.31	19.66	ppb
Selenium	78-2	2.86	2.60	3.26	2.91	11.40	ppb
Silicon	28-1	819.22	801.82	817.51	812.85	1.18	ppb
Silver	107-1	0.31	0.32	0.31	0.31	2.04	ppb
Silver	109-1	0.31	0.32	0.31	0.31	2.06	ppb
Sodium	23-2	233.68	233.27	237.90	234.95	1.09	ppb
Strontium	86-1	166.88	167.52	168.25	167.55	0.41	ppb
Strontium	88-1	167.74	170.41	169.85	169.33	0.83	ppb
Sulfur	34-1	-978.20	-1067.38	-1016.39	-1020.65		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.19	0.20	0.20	0.20	2.61	ppb
Thallium	205-1	0.20	0.19	0.20	0.20	1.27	ppb
Tin	118-1	2.59	2.72	2.69	2.67	2.57	ppb
Titanium	47-1	1104.30	1100.03	1085.64	1096.66	0.89	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.60	0.61	0.60	2.03	ppb
Vanadium	51-2	476.97	476.51	478.22	477.23	0.19	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	369.30	363.82	367.63	366.92	0.77	ppb
Zirconium	90-1	8.72	8.92	8.90	8.84	1.26	ppb
Zirconium	91-1	8.78	8.92	8.92	8.87	0.91	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60703.24	61494.56	63154.04	61783.95	2.02	ppb
Antimony	121-1	1.10	1.14	1.09	1.11	2.10	ppb
Arsenic	75-2	139.09	142.20	144.37	141.89	1.87	ppb
Barium	135-1	378.97	382.72	386.86	382.85	1.03	ppb
Barium	137-1	399.48	408.08	415.83	407.80	2.01	ppb
Beryllium	9-1	1.79	1.82	1.74	1.78	2.29	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.67	1.80	1.84	1.77	5.13	ppb
Cadmium	106-1	2.51	1.72	2.37	2.20	19.23	ppb
Cadmium	111-1	1.20	1.18	1.29	1.22	4.48	ppb
Calcium	43-1	17242.22	17301.97	17365.09	17303.10	0.36	ppb
Calcium	44-1	16324.94	16279.09	16497.61	16367.21	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.25	131.95	134.47	131.89	1.98	ppb
Cobalt	59-2	82.27	83.42	85.30	83.66	1.83	ppb
Copper	63-2	290.58	294.81	296.50	293.96	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				99		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	186894.59	191700.42	190088.06	189561.03	1.29	ppb
Iron	57-2	182119.30	185487.99	188290.01	185299.10	1.67	ppb
Iron	54-2	190289.71	189208.87	192950.55	190816.38	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.32	36.36	36.64	36.11	1.92	ppb
Lead	207-1	34.85	35.13	35.94	35.31	1.60	ppb
Lead	208-1	34.90	35.57	36.04	35.50	1.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	41811.82	42895.69	43067.45	42591.66	1.60	ppb
Manganese	55-2	2969.46	3006.79	3008.24	2994.83	0.73	ppb
Molybdenum	94-1	11.09	11.45	11.30	11.28	1.61	ppb
Molybdenum	95-1	2.18	2.27	2.24	2.23	2.07	ppb
Molybdenum	96-1	4.18	4.41	4.35	4.32	2.71	ppb
Molybdenum	97-1	2.13	2.23	2.23	2.20	2.67	ppb
Molybdenum	98-1	2.14	2.20	2.18	2.17	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.87	122.95	124.60	122.14	2.42	ppb
Phosphorus	31-2	3288.78	3359.96	3416.05	3354.93	1.90	ppb
Potassium	39-2	9802.55	9992.69	10254.44	10016.56	2.27	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	1.29	1.28	1.66	1.41	15.40	ppb
Selenium	77-2	12.28	13.49	14.43	13.40	8.02	ppb
Selenium	78-2	1.03	3.16	1.76	1.98	54.41	ppb
Silicon	28-1	758.07	757.89	768.29	761.42	0.78	ppb
Silver	107-1	0.22	0.20	0.22	0.21	3.72	ppb
Silver	109-1	0.23	0.22	0.22	0.22	1.82	ppb
Sodium	23-2	238.28	248.55	251.55	246.13	2.83	ppb
Strontium	86-1	126.54	128.65	128.18	127.79	0.87	ppb
Strontium	88-1	126.41	129.10	129.76	128.42	1.38	ppb
Sulfur	34-1	-1100.38	-1041.10	-1098.54	-1080.01		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.19	0.18	0.18	0.18	2.67	ppb
Thallium	205-1	0.18	0.19	0.19	0.19	4.30	ppb
Tin	118-1	2.99	2.68	2.59	2.75	7.57	ppb
Titanium	47-1	1121.97	1126.52	1115.26	1121.25	0.51	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.49	0.50	0.51	0.50	2.52	ppb
Vanadium	51-2	564.66	572.41	576.41	571.16	1.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	378.46	386.93	393.06	386.15	1.90	ppb
Zirconium	90-1	5.51	5.65	5.63	5.60	1.30	ppb
Zirconium	91-1	5.53	5.72	5.77	5.67	2.28	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44821.40	46530.47	45288.97	45546.95	1.94	ppb
Antimony	121-1	1.12	1.11	1.10	1.11	0.83	ppb
Arsenic	75-2	114.71	112.16	112.53	113.14	1.21	ppb
Barium	135-1	373.78	374.96	375.41	374.72	0.22	ppb
Barium	137-1	397.55	403.79	401.82	401.05	0.80	ppb
Beryllium	9-1	1.50	1.58	1.56	1.55	2.73	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.51	1.18	1.21	1.30	13.62	ppb
Cadmium	106-1	1.82	1.40	1.19	1.47	22.04	ppb
Cadmium	111-1	0.87	0.85	0.87	0.87	1.08	ppb
Calcium	43-1	30058.38	31391.67	31068.64	30839.56	2.26	ppb
Calcium	44-1	30412.61	31078.37	30839.96	30776.98	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.94	97.34	97.23	97.17	0.22	ppb
Cobalt	59-2	61.45	61.75	62.37	61.85	0.76	ppb
Copper	63-2	244.60	249.69	247.42	247.24	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				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	129080.68	128744.19	128598.37	128807.75	0.19	ppb
Iron	57-2	124147.08	125468.53	126021.96	125212.52	0.77	ppb
Iron	54-2	131019.46	130687.56	130760.88	130822.64	0.13	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.85	27.17	27.82	27.28	1.83	ppb
Lead	207-1	25.87	26.29	26.63	26.27	1.45	ppb
Lead	208-1	26.17	26.64	27.06	26.62	1.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	30725.38	31337.97	30896.31	30986.55	1.02	ppb
Manganese	55-2	2285.60	2306.42	2282.92	2291.65	0.56	ppb
Molybdenum	94-1	8.90	9.06	9.10	9.02	1.17	ppb
Molybdenum	95-1	1.20	1.22	1.22	1.21	0.89	ppb
Molybdenum	96-1	2.82	2.73	2.81	2.79	1.78	ppb
Molybdenum	97-1	1.16	1.27	1.18	1.20	5.04	ppb
Molybdenum	98-1	1.19	1.20	1.17	1.19	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.64	93.10	93.23	92.99	0.33	ppb
Phosphorus	31-2	3352.21	3329.86	3381.31	3354.46	0.77	ppb
Potassium	39-2	8203.04	8289.76	8292.56	8261.79	0.62	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.97	1.24	1.42	1.21	18.79	ppb
Selenium	77-2	11.95	9.85	10.71	10.84	9.73	ppb
Selenium	78-2	3.40	1.74	2.48	2.54	32.88	ppb
Silicon	28-1	595.47	613.62	607.49	605.53	1.52	ppb
Silver	107-1	0.15	0.14	0.15	0.15	4.23	ppb
Silver	109-1	0.15	0.15	0.14	0.15	1.37	ppb
Sodium	23-2	175.49	179.06	181.26	178.60	1.63	ppb
Strontium	86-1	122.22	123.35	123.57	123.05	0.59	ppb
Strontium	88-1	124.12	125.79	125.98	125.30	0.82	ppb
Sulfur	34-1	-945.14	-954.29	-874.58	-924.67		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.15	0.15	0.15	0.15	1.62	ppb
Thallium	205-1	0.16	0.15	0.15	0.15	2.00	ppb
Tin	118-1	2.07	2.10	2.11	2.09	1.11	ppb
Titanium	47-1	857.23	878.62	865.17	867.01	1.25	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.45	0.44	0.44	1.27	ppb
Vanadium	51-2	353.40	368.34	362.96	361.57	2.09	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	329.89	332.99	330.57	331.15	0.49	ppb
Zirconium	90-1	4.76	4.76	4.86	4.79	1.24	ppb
Zirconium	91-1	4.85	4.83	4.87	4.85	0.38	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62796.62	63503.61	62437.75	62912.66	0.86	ppb
Antimony	121-1	0.84	0.80	0.87	0.84	3.73	ppb
Arsenic	75-2	179.44	178.44	177.75	178.55	0.48	ppb
Barium	135-1	518.10	516.73	513.81	516.21	0.42	ppb
Barium	137-1	518.38	519.40	514.16	517.32	0.54	ppb
Beryllium	9-1	1.89	2.07	2.05	2.01	4.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	1.72	1.96	1.89	7.73	ppb
Cadmium	106-1	1.00	1.14	2.13	1.43	43.32	ppb
Cadmium	111-1	0.92	0.89	1.07	0.96	9.93	ppb
Calcium	43-1	16043.97	16067.85	16493.94	16201.92	1.56	ppb
Calcium	44-1	15307.78	15023.76	15144.68	15158.74	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.20	132.04	131.22	131.49	0.37	ppb
Cobalt	59-2	82.64	83.85	83.37	83.29	0.73	ppb
Copper	63-2	240.04	241.92	236.67	239.54	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	153058.41	156104.38	155400.57	154854.45	1.03	ppb
Iron	57-2	151319.32	152373.03	152005.57	151899.31	0.35	ppb
Iron	54-2	155260.76	156569.69	158042.12	156624.19	0.89	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.54	29.90	29.54	29.66	0.70	ppb
Lead	207-1	28.63	29.30	28.71	28.88	1.27	ppb
Lead	208-1	29.01	29.45	28.75	29.07	1.21	ppb
Lithium	6-1				93		%
Magnesium	24-2	41279.00	41586.78	41560.10	41475.29	0.41	ppb
Manganese	55-2	2985.60	3006.52	3017.61	3003.24	0.54	ppb
Molybdenum	94-1	13.15	13.43	13.17	13.25	1.16	ppb
Molybdenum	95-1	1.28	1.31	1.30	1.30	1.32	ppb
Molybdenum	96-1	3.25	3.38	3.35	3.33	1.99	ppb
Molybdenum	97-1	1.24	1.34	1.31	1.30	3.93	ppb
Molybdenum	98-1	1.20	1.26	1.22	1.23	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.61	117.94	117.72	117.76	0.14	ppb
Phosphorus	31-2	3227.33	3224.89	3276.55	3242.92	0.90	ppb
Potassium	39-2	9817.87	9753.66	9853.75	9808.43	0.52	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	0.95	1.14	1.03	1.04	9.18	ppb
Selenium	77-2	16.50	15.26	16.03	15.93	3.94	ppb
Selenium	78-2	3.54	2.49	3.51	3.18	18.81	ppb
Silicon	28-1	616.74	603.18	641.27	620.40	3.11	ppb
Silver	107-1	0.13	0.13	0.14	0.13	4.73	ppb
Silver	109-1	0.13	0.13	0.15	0.14	7.90	ppb
Sodium	23-2	273.49	276.85	275.23	275.19	0.61	ppb
Strontium	86-1	101.59	106.39	105.83	104.60	2.51	ppb
Strontium	88-1	105.18	110.06	107.56	107.60	2.26	ppb
Sulfur	34-1	-1676.08	-1718.20	-1601.03	-1665.10		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.33	0.30	0.31	0.31	4.39	ppb
Thallium	205-1	0.30	0.30	0.29	0.30	1.76	ppb
Tin	118-1	2.61	2.65	2.78	2.68	3.28	ppb
Titanium	47-1	1614.55	1554.65	1658.36	1609.19	3.24	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.57	0.54	0.56	3.22	ppb
Vanadium	51-2	417.22	423.92	415.22	418.79	1.09	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	284.40	288.20	286.02	286.21	0.67	ppb
Zirconium	90-1	7.06	7.31	7.13	7.17	1.83	ppb
Zirconium	91-1	6.96	7.27	7.36	7.19	2.89	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46370.58	46520.55	45769.19	46220.11	0.86	ppb
Antimony	121-1	1.03	1.07	1.09	1.07	3.02	ppb
Arsenic	75-2	144.91	138.57	138.22	140.57	2.68	ppb
Barium	135-1	492.40	503.18	510.96	502.18	1.86	ppb
Barium	137-1	491.04	500.63	507.32	499.66	1.64	ppb
Beryllium	9-1	1.53	1.50	1.48	1.50	1.48	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.15	2.21	2.06	2.14	3.36	ppb
Cadmium	106-1	3.11	2.43	3.17	2.90	14.14	ppb
Cadmium	111-1	1.38	1.35	1.33	1.35	1.92	ppb
Calcium	43-1	11383.61	11318.11	11280.88	11327.53	0.46	ppb
Calcium	44-1	10656.31	10660.51	10788.92	10701.91	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.73	108.45	107.38	107.85	0.50	ppb
Cobalt	59-2	63.99	63.80	64.10	63.97	0.23	ppb
Copper	63-2	259.24	256.00	257.29	257.51	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				101		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	124135.50	125682.29	123281.51	124366.43	0.98	ppb
Iron	57-2	121373.60	123914.57	122315.60	122534.59	1.05	ppb
Iron	54-2	126198.91	124451.51	123440.93	124697.12	1.12	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.20	48.96	48.50	48.89	0.73	ppb
Lead	207-1	47.74	48.50	47.05	47.77	1.52	ppb
Lead	208-1	47.92	48.33	47.80	48.02	0.58	ppb
Lithium	6-1				93		%
Magnesium	24-2	28299.13	28913.26	28481.73	28564.71	1.10	ppb
Manganese	55-2	2449.11	2471.97	2411.82	2444.30	1.24	ppb
Molybdenum	94-1	21.42	21.09	21.11	21.21	0.87	ppb
Molybdenum	95-1	0.93	0.94	0.94	0.93	0.91	ppb
Molybdenum	96-1	3.67	3.70	3.86	3.74	2.74	ppb
Molybdenum	97-1	0.91	0.93	0.97	0.94	3.11	ppb
Molybdenum	98-1	0.89	0.88	0.90	0.89	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.32	109.04	109.62	108.99	0.59	ppb
Phosphorus	31-2	2321.85	2348.32	2324.47	2331.54	0.63	ppb
Potassium	39-2	8269.53	8364.33	8277.02	8303.62	0.63	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	1.39	0.93	1.33	1.21	20.67	ppb
Selenium	77-2	13.56	11.68	12.89	12.71	7.48	ppb
Selenium	78-2	1.32	1.73	3.99	2.35	61.40	ppb
Silicon	28-1	793.42	772.39	801.53	789.11	1.91	ppb
Silver	107-1	0.32	0.32	0.35	0.33	4.89	ppb
Silver	109-1	0.30	0.33	0.32	0.31	3.97	ppb
Sodium	23-2	122.98	124.78	124.97	124.24	0.88	ppb
Strontium	86-1	54.99	54.85	55.68	55.17	0.81	ppb
Strontium	88-1	55.73	56.14	56.20	56.02	0.46	ppb
Sulfur	34-1	-1621.81	-1736.45	-1643.04	-1667.10		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.25	0.25	0.24	0.25	2.80	ppb
Thallium	205-1	0.23	0.25	0.25	0.24	3.64	ppb
Tin	118-1	1.96	1.93	2.05	1.98	3.13	ppb
Titanium	47-1	1052.81	1050.21	1098.44	1067.15	2.54	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.59	0.60	0.59	0.59	0.94	ppb
Vanadium	51-2	321.68	328.21	331.38	327.09	1.51	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	226.20	222.95	224.60	224.59	0.73	ppb
Zirconium	90-1	12.06	12.22	12.48	12.25	1.73	ppb
Zirconium	91-1	12.28	12.22	12.50	12.33	1.19	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46100.95	46285.12	46875.11	46420.39	0.87	ppb
Antimony	121-1	1.05	1.07	1.04	1.06	1.56	ppb
Arsenic	75-2	141.68	141.56	143.72	142.32	0.86	ppb
Barium	135-1	497.80	507.99	487.83	497.87	2.02	ppb
Barium	137-1	496.41	506.35	496.50	499.76	1.14	ppb
Beryllium	9-1	1.32	1.60	1.55	1.49	9.89	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	2.23	1.99	2.14	5.98	ppb
Cadmium	106-1	2.25	2.98	2.31	2.52	16.06	ppb
Cadmium	111-1	1.29	1.33	1.26	1.29	2.88	ppb
Calcium	43-1	11144.83	11519.13	11448.75	11370.90	1.75	ppb
Calcium	44-1	10712.06	10744.68	10701.58	10719.44	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.95	106.35	107.31	107.54	1.22	ppb
Cobalt	59-2	64.13	64.01	64.36	64.16	0.28	ppb
Copper	63-2	261.14	258.38	259.48	259.67	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				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	124992.48	124315.83	125737.41	125015.24	0.57	ppb
Iron	57-2	122212.11	121248.16	124111.64	122523.97	1.19	ppb
Iron	54-2	123566.05	124870.46	126074.92	124837.14	1.01	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.73	48.74	48.49	48.32	1.08	ppb
Lead	207-1	46.85	47.68	48.52	47.68	1.76	ppb
Lead	208-1	47.39	47.59	48.32	47.77	1.02	ppb
Lithium	6-1				95		%
Magnesium	24-2	28562.64	28032.61	29091.67	28562.31	1.85	ppb
Manganese	55-2	2391.08	2391.77	2471.12	2417.99	1.90	ppb
Molybdenum	94-1	20.69	21.17	21.05	20.97	1.18	ppb
Molybdenum	95-1	0.90	0.89	0.91	0.90	1.58	ppb
Molybdenum	96-1	3.66	3.77	3.63	3.69	2.11	ppb
Molybdenum	97-1	0.92	0.89	0.88	0.90	2.26	ppb
Molybdenum	98-1	0.88	0.87	0.88	0.88	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.20	108.19	109.94	108.78	0.93	ppb
Phosphorus	31-2	2348.68	2342.00	2314.15	2334.94	0.78	ppb
Potassium	39-2	8319.99	8183.00	8347.89	8283.63	1.07	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.92	1.15	1.30	1.12	17.03	ppb
Selenium	77-2	11.36	12.69	12.94	12.33	6.88	ppb
Selenium	78-2	3.41	1.14	2.11	2.22	51.16	ppb
Silicon	28-1	798.80	798.77	775.66	791.08	1.69	ppb
Silver	107-1	0.32	0.31	0.32	0.32	1.95	ppb
Silver	109-1	0.33	0.32	0.31	0.32	2.63	ppb
Sodium	23-2	121.46	123.97	123.64	123.02	1.11	ppb
Strontium	86-1	53.93	54.50	54.47	54.30	0.59	ppb
Strontium	88-1	56.53	55.92	56.08	56.17	0.56	ppb
Sulfur	34-1	-1682.58	-1579.68	-1621.85	-1628.04		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.23	0.23	0.25	0.24	5.56	ppb
Thallium	205-1	0.25	0.23	0.25	0.24	3.52	ppb
Tin	118-1	1.98	2.00	1.98	1.99	0.61	ppb
Titanium	47-1	1068.98	1056.21	1069.06	1064.75	0.69	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.60	0.59	0.60	1.11	ppb
Vanadium	51-2	330.99	329.58	331.41	330.66	0.29	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	223.96	223.65	223.94	223.85	0.08	ppb
Zirconium	90-1	12.10	12.02	12.30	12.14	1.18	ppb
Zirconium	91-1	12.07	12.15	12.17	12.13	0.43	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9445.25	9388.31	9368.50	9400.69	0.42	ppb
Antimony	121-1	0.19	0.21	0.19	0.20	6.04	ppb
Arsenic	75-2	28.56	28.56	29.07	28.73	1.02	ppb
Barium	135-1	91.30	90.69	90.53	90.84	0.45	ppb
Barium	137-1	90.89	91.22	90.92	91.01	0.20	ppb
Beryllium	9-1	0.27	0.28	0.27	0.27	1.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.39	0.45	0.55	0.46	17.36	ppb
Cadmium	106-1	-0.10	0.36	0.36	0.21	127.29	ppb
Cadmium	111-1	0.20	0.23	0.24	0.22	9.80	ppb
Calcium	43-1	2241.67	2299.63	2305.10	2282.13	1.54	ppb
Calcium	44-1	2135.13	2225.24	2167.07	2175.81	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.03	22.10	21.97	22.04	0.31	ppb
Cobalt	59-2	13.06	13.21	12.97	13.08	0.95	ppb
Copper	63-2	51.78	51.77	51.13	51.56	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	25447.14	25507.39	25167.70	25374.08	0.71	ppb
Iron	57-2	24745.96	24904.86	24678.30	24776.37	0.47	ppb
Iron	54-2	25643.31	25856.07	25747.48	25748.96	0.41	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.39	9.34	9.44	9.39	0.55	ppb
Lead	207-1	9.12	9.19	9.24	9.18	0.65	ppb
Lead	208-1	9.07	9.23	9.29	9.19	1.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	5881.57	5687.50	5718.39	5762.49	1.81	ppb
Manganese	55-2	507.56	511.22	505.76	508.18	0.55	ppb
Molybdenum	94-1	4.12	4.14	4.05	4.11	1.17	ppb
Molybdenum	95-1	0.18	0.17	0.16	0.17	5.75	ppb
Molybdenum	96-1	0.76	0.71	0.73	0.73	3.27	ppb
Molybdenum	97-1	0.20	0.20	0.16	0.19	10.90	ppb
Molybdenum	98-1	0.17	0.18	0.17	0.18	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.41	22.76	22.35	22.50	0.98	ppb
Phosphorus	31-2	466.60	463.80	449.64	460.01	1.98	ppb
Potassium	39-2	1689.04	1657.85	1642.15	1663.01	1.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.44	0.44	0.36	0.42	10.67	ppb
Selenium	77-2	3.41	2.43	4.34	3.39	28.05	ppb
Selenium	78-2	-0.25	0.71	-0.61	-0.05		ppb
Silicon	28-1	163.78	168.41	167.08	166.42	1.43	ppb
Silver	107-1	0.06	0.06	0.06	0.06	3.81	ppb
Silver	109-1	0.06	0.06	0.06	0.06	4.98	ppb
Sodium	23-2	26.21	24.66	25.29	25.39	3.06	ppb
Strontium	86-1	10.84	10.77	10.98	10.86	1.00	ppb
Strontium	88-1	10.98	10.87	10.96	10.94	0.56	ppb
Sulfur	34-1	-1690.44	-1669.21	-1658.53	-1672.73		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.05	0.05	12.45	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.11	ppb
Tin	118-1	0.35	0.40	0.37	0.37	6.81	ppb
Titanium	47-1	217.00	219.53	222.85	219.80	1.33	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.11	0.11	0.11	1.77	ppb
Vanadium	51-2	67.11	66.50	65.90	66.50	0.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	46.48	46.96	46.88	46.77	0.55	ppb
Zirconium	90-1	2.43	2.38	2.39	2.40	1.04	ppb
Zirconium	91-1	2.45	2.46	2.41	2.44	0.99	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47220.39	46786.62	47366.55	47124.52	0.64	ppb
Antimony	121-1	54.45	55.47	55.69	55.20	1.21	ppb
Arsenic	75-2	162.84	164.00	163.38	163.41	0.36	ppb
Barium	135-1	1588.47	1632.51	1594.74	1605.24	1.48	ppb
Barium	137-1	1591.96	1635.44	1631.94	1619.78	1.49	ppb
Beryllium	9-1	29.04	29.99	29.29	29.44	1.67	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.60	29.16	27.84	28.20	2.98	ppb
Cadmium	106-1	28.71	27.53	27.47	27.90	2.50	ppb
Cadmium	111-1	28.78	29.53	29.39	29.23	1.36	ppb
Calcium	43-1	11039.68	11077.05	11078.13	11064.95	0.20	ppb
Calcium	44-1	10550.54	10611.75	10749.20	10637.16	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	220.61	216.98	212.62	216.74	1.85	ppb
Cobalt	59-2	336.88	338.19	336.32	337.13	0.28	ppb
Copper	63-2	392.48	378.51	386.17	385.72	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				101		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	125787.94	122329.36	125380.06	124499.12	1.52	ppb
Iron	57-2	121172.09	120808.79	122021.35	121334.08	0.51	ppb
Iron	54-2	125519.97	124948.79	125930.26	125466.34	0.39	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.36	57.98	57.77	57.70	0.55	ppb
Lead	207-1	55.98	56.55	56.51	56.34	0.56	ppb
Lead	208-1	56.30	57.26	56.67	56.74	0.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	28321.50	28962.57	28734.14	28672.74	1.13	ppb
Manganese	55-2	2723.62	2661.13	2692.41	2692.39	1.16	ppb
Molybdenum	94-1	20.58	21.31	21.18	21.03	1.86	ppb
Molybdenum	95-1	0.91	0.93	0.94	0.93	1.87	ppb
Molybdenum	96-1	3.66	3.71	3.75	3.70	1.22	ppb
Molybdenum	97-1	0.92	0.86	0.94	0.91	4.08	ppb
Molybdenum	98-1	0.87	0.91	0.91	0.89	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	379.56	377.10	381.43	379.36	0.57	ppb
Phosphorus	31-2	2296.47	2339.87	2285.29	2307.21	1.25	ppb
Potassium	39-2	8040.68	8072.93	8065.33	8059.65	0.21	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	68.43	68.69	69.53	68.88	0.83	ppb
Selenium	77-2	78.76	83.10	74.24	78.70	5.63	ppb
Selenium	78-2	71.65	71.04	68.66	70.45	2.24	ppb
Silicon	28-1	780.82	796.79	784.70	787.44	1.06	ppb
Silver	107-1	24.23	24.81	24.88	24.64	1.45	ppb
Silver	109-1	24.17	24.92	24.91	24.67	1.75	ppb
Sodium	23-2	125.73	127.41	130.79	127.97	2.01	ppb
Strontium	86-1	53.82	54.80	55.16	54.59	1.27	ppb
Strontium	88-1	54.18	55.26	56.40	55.28	2.00	ppb
Sulfur	34-1	-1641.48	-1594.60	-1656.08	-1630.72		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	25.10	25.37	25.38	25.28	0.63	ppb
Thallium	205-1	25.24	25.57	25.55	25.45	0.73	ppb
Tin	118-1	2.13	2.14	2.17	2.14	0.99	ppb
Titanium	47-1	1061.31	1067.77	1058.44	1062.51	0.45	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.59	0.58	0.58	0.27	ppb
Vanadium	51-2	589.42	602.41	583.06	591.63	1.67	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	490.52	484.78	486.13	487.14	0.62	ppb
Zirconium	90-1	11.93	11.93	12.09	11.99	0.77	ppb
Zirconium	91-1	12.29	12.23	12.37	12.30	0.61	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49433.64	49632.70	59412.50	52826.28	10.80	ppb
Antimony	121-1	273.74	277.53	272.01	274.43	1.03	ppb
Arsenic	75-2	244.75	239.73	293.99	259.49	11.55	ppb
Barium	135-1	5722.60	5862.15	5761.56	5782.10	1.25	ppb
Barium	137-1	5742.89	5869.95	5758.58	5790.47	1.20	ppb
Beryllium	9-1	135.21	137.14	141.35	137.90	2.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	122.60	126.34	125.68	124.87	1.60	ppb
Cadmium	106-1	123.78	123.72	122.53	123.34	0.57	ppb
Cadmium	111-1	135.32	136.76	134.80	135.63	0.75	ppb
Calcium	43-1	10548.20	10676.68	10776.72	10667.20	1.07	ppb
Calcium	44-1	10114.81	10212.14	10288.95	10205.30	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	626.63	619.64	760.86	669.04	11.90	ppb
Cobalt	59-2	1367.30	1391.80	1680.79	1479.97	11.78	ppb
Copper	63-2	879.41	877.50	1077.87	944.92	12.18	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				100		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	120791.48	121981.84	148337.79	130370.37	11.94	ppb
Iron	57-2	120940.59	119692.08	144723.84	128452.17	10.98	ppb
Iron	54-2	122235.12	123600.19	150768.83	132201.38	12.17	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	96.43	94.68	95.99	95.70	0.95	ppb
Lead	207-1	93.73	94.47	94.46	94.22	0.45	ppb
Lead	208-1	100.77	101.02	101.12	100.97	0.18	ppb
Lithium	6-1				96		%
Magnesium	24-2	27681.00	27556.82	33663.47	29633.76	11.78	ppb
Manganese	55-2	3573.03	3552.81	4376.26	3834.03	12.25	ppb
Molybdenum	94-1	20.08	20.17	20.57	20.27	1.29	ppb
Molybdenum	95-1	0.92	0.90	0.91	0.91	0.74	ppb
Molybdenum	96-1	3.70	3.66	3.61	3.66	1.32	ppb
Molybdenum	97-1	0.94	0.91	0.88	0.91	3.20	ppb
Molybdenum	98-1	0.88	0.89	0.90	0.89	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1449.06	1463.43	1760.92	1557.80	11.30	ppb
Phosphorus	31-2	2224.82	2233.04	2740.37	2399.41	12.31	ppb
Potassium	39-2	7890.06	7991.50	9604.39	8495.32	11.32	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	298.89	298.14	296.66	297.90	0.38	ppb
Selenium	77-2	301.99	292.74	374.60	323.11	13.88	ppb
Selenium	78-2	302.65	290.87	372.15	321.89	13.65	ppb
Silicon	28-1	755.43	760.47	750.74	755.55	0.64	ppb
Silver	107-1	120.35	124.28	111.36	118.67	5.58	ppb
Silver	109-1	112.68	126.94	120.20	119.94	5.94	ppb
Sodium	23-2	112.23	114.22	150.04	125.50	16.95	ppb
Strontium	86-1	52.44	52.82	52.23	52.50	0.56	ppb
Strontium	88-1	53.58	54.77	53.74	54.03	1.20	ppb
Sulfur	34-1	-1712.92	-1646.06	-1728.10	-1695.70		ppb
Terbium	159-1				100		%
Terbium	159-2				92		%
Thallium	203-1	122.13	122.06	123.54	122.58	0.68	ppb
Thallium	205-1	136.60	138.27	139.49	138.12	1.05	ppb
Tin	118-1	1.78	1.80	1.79	1.79	0.48	ppb
Titanium	47-1	1000.71	1029.17	1022.08	1017.32	1.46	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.57	0.57	0.57	0.82	ppb
Vanadium	51-2	1589.60	1588.76	1947.97	1708.78	12.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	1501.67	1543.40	1873.29	1639.45	12.42	ppb
Zirconium	90-1	11.51	11.67	11.61	11.60	0.70	ppb
Zirconium	91-1	11.65	11.81	11.63	11.70	0.86	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49016.34	48942.65	49185.08	49048.03	0.25	ppb
Antimony	121-1	486.23	495.53	495.81	492.52	1.11	ppb
Arsenic	75-2	491.31	495.79	478.92	488.67	1.79	ppb
Barium	135-1	2458.05	2500.86	2489.33	2482.75	0.89	ppb
Barium	137-1	2485.99	2554.02	2475.90	2505.30	1.70	ppb
Beryllium	9-1	536.73	517.54	522.81	525.69	1.89	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	500.82	515.11	515.21	510.38	1.62	ppb
Cadmium	106-1	507.64	514.77	514.45	512.29	0.79	ppb
Cadmium	111-1	490.77	487.56	504.90	494.41	1.87	ppb
Calcium	43-1	255241.50	249091.32	247075.15	250469.33	1.70	ppb
Calcium	44-1	249885.61	246895.54	249411.67	248730.94	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.49	507.21	492.98	499.89	1.42	ppb
Cobalt	59-2	529.49	535.55	537.88	534.30	0.81	ppb
Copper	63-2	5189.55	5172.85	5144.88	5169.09	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				93		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	125996.96	128504.00	126081.02	126860.66	1.12	ppb
Iron	57-2	124703.38	124869.82	126028.05	125200.42	0.58	ppb
Iron	54-2	127959.49	128698.10	126829.55	127829.05	0.74	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2540.28	2591.18	2585.93	2572.46	1.09	ppb
Lead	207-1	2524.08	2558.74	2551.44	2544.75	0.72	ppb
Lead	208-1	2556.59	2579.57	2576.24	2570.80	0.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	242992.13	245075.49	245744.69	244604.10	0.59	ppb
Manganese	55-2	4970.16	4970.58	4917.38	4952.71	0.62	ppb
Molybdenum	94-1	4981.78	5102.57	5077.39	5053.91	1.26	ppb
Molybdenum	95-1	5034.86	5115.02	5154.75	5101.54	1.20	ppb
Molybdenum	96-1	5064.91	5154.94	5108.53	5109.46	0.88	ppb
Molybdenum	97-1	5057.92	5131.14	5066.34	5085.13	0.79	ppb
Molybdenum	98-1	4979.86	5147.41	5080.99	5069.42	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.59	512.07	508.35	509.00	0.55	ppb
Phosphorus	31-2	10006.29	10188.48	10128.11	10107.63	0.92	ppb
Potassium	39-2	119493.28	120085.82	119890.36	119823.15	0.25	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	485.01	486.90	489.71	487.21	0.49	ppb
Selenium	77-2	492.73	492.47	488.73	491.31	0.45	ppb
Selenium	78-2	486.07	480.73	470.50	479.10	1.65	ppb
Silicon	28-1	407.96	399.11	411.06	406.04	1.53	ppb
Silver	107-1	518.48	517.07	516.33	517.29	0.21	ppb
Silver	109-1	515.02	515.62	515.26	515.30	0.06	ppb
Sodium	23-2	247937.97	251535.37	247530.16	249001.17	0.89	ppb
Strontium	86-1	12564.82	12630.39	12636.09	12610.43	0.31	ppb
Strontium	88-1	12495.19	12602.65	12720.19	12606.01	0.89	ppb
Sulfur	34-1	10114.39	9939.64	10269.34	10107.79	1.63	ppb
Terbium	159-1				93		%
Terbium	159-2				97		%
Thallium	203-1	524.18	521.97	514.24	520.13	1.00	ppb
Thallium	205-1	520.02	519.73	520.97	520.24	0.13	ppb
Tin	118-1	494.62	502.75	496.20	497.85	0.87	ppb
Titanium	47-1	5028.71	4955.91	5124.55	5036.39	1.68	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	524.35	532.79	530.87	529.34	0.84	ppb
Vanadium	51-2	507.07	515.25	494.78	505.70	2.04	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	5139.30	5195.90	5138.33	5157.85	0.64	ppb
Zirconium	90-1	501.00	509.04	514.08	508.04	1.30	ppb
Zirconium	91-1	514.75	512.66	525.30	517.57	1.31	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.79	1.51	1.50	1.60	10.23	ppb
Antimony	121-1	0.34	0.33	0.40	0.36	10.20	ppb
Arsenic	75-2	0.03	0.04	0.03	0.03	25.03	ppb
Barium	135-1	0.14	0.08	0.08	0.10	34.11	ppb
Barium	137-1	0.10	0.10	0.07	0.09	23.25	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	9.04	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.03	0.02	0.02	68.39	ppb
Cadmium	106-1	-0.15	-0.38	0.18	-0.11		ppb
Cadmium	111-1	0.03	0.00	0.04	0.02	94.67	ppb
Calcium	43-1	10.56	7.56	5.15	7.76	34.91	ppb
Calcium	44-1	-8.06	-10.68	-11.14	-9.96		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.03	0.02	89.32	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	13.89	ppb
Copper	63-2	-0.06	-0.06	-0.08	-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				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	3.82	3.67	3.68	3.73	2.26	ppb
Iron	57-2	0.99	1.20	1.38	1.19	16.52	ppb
Iron	54-2	5.37	4.87	4.04	4.76	14.12	ppb
Krypton	83-1						cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.13	0.13	0.14	16.09	ppb
Lead	207-1	0.16	0.14	0.13	0.15	11.03	ppb
Lead	208-1	0.16	0.13	0.12	0.14	15.06	ppb
Lithium	6-1				109		%
Magnesium	24-2	6.36	6.02	6.42	6.27	3.41	ppb
Manganese	55-2	0.03	0.03	0.02	0.02	31.07	ppb
Molybdenum	94-1	0.42	0.38	0.37	0.39	5.95	ppb
Molybdenum	95-1	0.34	0.32	0.28	0.31	10.60	ppb
Molybdenum	96-1	0.37	0.29	0.30	0.32	14.82	ppb
Molybdenum	97-1	0.37	0.32	0.29	0.33	12.40	ppb
Molybdenum	98-1	0.35	0.30	0.28	0.31	12.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.02	0.00		ppb
Phosphorus	31-2	-17.98	-16.78	-15.71	-16.82		ppb
Potassium	39-2	-4.21	-5.24	-2.99	-4.15		ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	0.27	0.09	0.54	0.30	74.95	ppb
Selenium	77-2	0.10	0.10	-0.05	0.05	167.47	ppb
Selenium	78-2	-0.53	-0.18	-0.45	-0.38		ppb
Silicon	28-1	0.31	0.27	0.13	0.24	40.65	ppb
Silver	107-1	0.07	0.05	0.03	0.05	35.97	ppb
Silver	109-1	0.06	0.05	0.04	0.05	25.67	ppb
Sodium	23-2	4.42	3.43	2.57	3.48	26.63	ppb
Strontium	86-1	0.54	0.48	0.39	0.47	15.37	ppb
Strontium	88-1	0.55	0.44	0.36	0.45	21.95	ppb
Sulfur	34-1	-535.68	-482.90	-552.88	-523.82		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.06	0.04	0.05	22.61	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	14.36	ppb
Tin	118-1	0.08	0.09	0.12	0.09	21.43	ppb
Titanium	47-1	0.29	0.25	0.21	0.25	15.20	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	11.39	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	30.50	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.19	0.17	0.18	0.18	3.95	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	4.48	ppb
Zirconium	91-1	0.07	0.06	0.08	0.07	11.41	ppb

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	723	717	607	682	9.60	cps
Antimony	121-1	127	137	187	150	21.43	cps
Arsenic	75-2	10	3	3	6	69.34	cps
Barium	135-1	97	80	57	78	25.83	cps
Barium	137-1	123	113	97	111	12.13	cps
Beryllium	9-1	34	30	30	31	6.15	cps
Bismuth	209-1	9882932	9800308	9754543	9812594	0.66	cps
Bismuth	209-2	7793927	7865541	7690721	7783396	1.13	cps
Bromine	81-1	12082	12058	11708	11949	1.75	cps
Bromine	81-2	120	177	157	151	19.02	cps
Cadmium	108-1	13	13	10	12	15.73	cps
Cadmium	106-1	4758	4701	4674	4711	0.90	cps
Cadmium	111-1	3328	3298	3265	3297	0.95	cps
Calcium	43-1	533	627	550	570	8.73	cps
Calcium	44-1	56386	56787	56928	56701	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1597	1713	1587	1632	4.31	cps
Cobalt	59-2	283	130	177	197	39.97	cps
Copper	63-2	5541	5124	5054	5240	5.02	cps
Dysprosium	156-1	10	13	27	17	52.93	cps
Dysprosium	156-2	37	7	10	18	92.48	cps
Erbium	164-1	167	110	137	138	20.58	cps
Erbium	164-2	97	103	67	89	21.97	cps
Gadolinium	160-1	63	70	53	62	13.48	cps
Gadolinium	160-2	400	487	280	389	26.69	cps
Holmium	165-1	16465571	16327554	16373058	16388728	0.43	cps
Holmium	165-2	11156087	11534487	11250182	11313585	1.74	cps
Indium	115-1	14736238	14724713	14371698	14610883	1.42	cps
Indium	115-2	4880895	4899333	4839652	4873293	0.63	cps
Iron	56-2	36004	22123	21469	26532	30.94	cps
Iron	57-2	3014	2544	2557	2705	9.90	cps
Iron	54-2	2824	2677	2694	2731	2.94	cps
Krypton	83-1	377	393	327	366	9.49	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	527	527	440	498	10.05	cps
Lead	207-1	393	353	333	360	8.49	cps
Lead	208-1	1987	1887	1683	1852	8.35	cps
Lithium	6-1	2037214	2036571	2024250	2032678	0.36	cps
Magnesium	24-2	1683	1470	1393	1516	9.92	cps
Manganese	55-2	1207	1193	1067	1156	6.69	cps
Molybdenum	94-1	457	443	570	490	14.21	cps
Molybdenum	95-1	197	170	257	208	21.36	cps
Molybdenum	96-1	183	207	230	207	11.29	cps
Molybdenum	97-1	103	100	103	102	1.88	cps
Molybdenum	98-1	267	270	223	253	10.28	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	360	353	350	354	1.44	cps
Phosphorus	31-2	303	243	247	264	12.75	cps
Potassium	39-2	105526	106835	107318	106559	0.87	cps
Rhodium	103-1	14572929	14436815	14464045	14491263	0.50	cps
Rhodium	103-2	8828819	8856558	8710829	8798735	0.88	cps
Scandium	45-1	10751008	10909829	10629619	10763485	1.31	cps
Scandium	45-2	959526	967870	954369	960588	0.71	cps
Selenium	82-1	520	429	544	497	12.17	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	520	437	480	479	8.70	cps
Silicon	28-1	405608	403162	402225	403665	0.43	cps
Silver	107-1	150	143	130	141	7.22	cps
Silver	109-1	73	73	77	74	2.59	cps
Sodium	23-2	75983	75195	75319	75499	0.56	cps
Strontium	86-1	553	657	623	611	8.63	cps
Strontium	88-1	567	570	573	570	0.59	cps
Sulfur	34-1	374220	376188	378226	376211	0.53	cps
Terbium	159-1	17238994	17240797	17054097	17177963	0.62	cps
Terbium	159-2	11325648	11407572	11362376	11365198	0.36	cps
Thallium	203-1	127	143	133	134	6.24	cps
Thallium	205-1	423	370	403	399	6.75	cps
Tin	118-1	2100	2040	2027	2056	1.90	cps
Titanium	47-1	317	260	320	299	11.28	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:08:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	47	47	41	23.41	cps
Vanadium	51-2	17	20	23	20	16.65	cps
Yttrium	89-1	24320269	24204574	24099067	24207970	0.46	cps
Yttrium	89-2	5899726	5851032	5877001	5875920	0.41	cps
Zinc	66-2	2720	2580	2680	2660	2.71	cps
Zirconium	90-1	973	1200	1023	1066	11.18	cps
Zirconium	91-1	230	230	177	212	14.51	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8176	8256	8332	8255	0.95	cps
Antimony	121-1	25232	25840	24781	25284	2.10	cps
Arsenic	75-2	867	813	897	859	4.91	cps
Barium	135-1	30102	30476	31057	30545	1.58	cps
Barium	137-1	53155	53269	53162	53196	0.12	cps
Beryllium	9-1	2553	2540	2413	2502	3.08	cps
Bismuth	209-1	10090261	9966887	9938583	9998577	0.81	cps
Bismuth	209-2	7792346	8006085	7723645	7840692	1.88	cps
Bromine	81-1	11311	11638	11628	11526	1.61	cps
Bromine	81-2	87	107	73	89	18.88	cps
Cadmium	108-1	303	263	200	256	20.39	cps
Cadmium	106-1	5021	5121	5038	5060	1.06	cps
Cadmium	111-1	6749	6987	6843	6860	1.75	cps
Calcium	43-1	24380	24573	25037	24663	1.37	cps
Calcium	44-1	444831	451039	450506	448792	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15705	16436	15675	15939	2.70	cps
Cobalt	59-2	11685	11344	11414	11481	1.56	cps
Copper	63-2	17837	17857	18091	17929	0.79	cps
Dysprosium	156-1	43	23	43	37	31.49	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	137	137	90	121	22.25	cps
Erbium	164-2	70	53	90	71	25.82	cps
Gadolinium	160-1	97	70	87	84	15.95	cps
Gadolinium	160-2	387	360	250	332	21.81	cps
Holmium	165-1	16696881	16473730	16527850	16566154	0.70	cps
Holmium	165-2	11270141	11186435	11357030	11271202	0.76	cps
Indium	115-1	14809194	14904222	14899626	14871014	0.36	cps
Indium	115-2	4981199	4931825	4854366	4922463	1.30	cps
Iron	56-2	340939	335668	336237	337615	0.86	cps
Iron	57-2	10781	10677	10550	10669	1.08	cps
Iron	54-2	20354	20491	20404	20416	0.34	cps
Krypton	83-1	373	397	307	359	13.02	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8703	8763	8753	8740	0.37	cps
Lead	207-1	7892	7659	7779	7777	1.50	cps
Lead	208-1	35135	35282	34954	35124	0.47	cps
Lithium	6-1	2076095	2098080	2068059	2080745	0.75	cps
Magnesium	24-2	372531	369433	373169	371711	0.54	cps
Manganese	55-2	6335	6215	6431	6327	1.72	cps
Molybdenum	94-1	29807	29319	29546	29558	0.83	cps
Molybdenum	95-1	35209	36248	36459	35972	1.86	cps
Molybdenum	96-1	39861	40620	39988	40156	1.01	cps
Molybdenum	97-1	22330	22574	22754	22553	0.94	cps
Molybdenum	98-1	56894	57496	56522	56971	0.86	cps
Neodymium	150-1	30	17	13	20	44.10	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	3284	3320	3290	3298	0.59	cps
Phosphorus	31-2	967	903	1047	972	7.39	cps
Potassium	39-2	541060	536316	535401	537592	0.57	cps
Rhodium	103-1	14526154	14582229	14501065	14536483	0.29	cps
Rhodium	103-2	8687968	8939511	8838241	8821907	1.43	cps
Scandium	45-1	10811521	10860682	10780619	10817607	0.37	cps
Scandium	45-2	962490	957320	957112	958974	0.32	cps
Selenium	82-1	1819	1797	1930	1848	3.86	cps
Selenium	77-2	103	127	130	120	12.11	cps
Selenium	78-2	863	927	823	871	5.98	cps
Silicon	28-1	451799	451029	454918	452582	0.46	cps
Silver	107-1	16553	16299	16590	16481	0.96	cps
Silver	109-1	15081	15468	15285	15278	1.27	cps
Sodium	23-2	685494	681243	680154	682297	0.41	cps
Strontium	86-1	5514	5424	5451	5463	0.85	cps
Strontium	88-1	42515	42227	43143	42628	1.10	cps
Sulfur	34-1	380680	382944	381419	381681	0.30	cps
Terbium	159-1	17367091	17291251	17395313	17351218	0.31	cps
Terbium	159-2	11403666	11475657	11437596	11438973	0.31	cps
Thallium	203-1	9690	9780	9837	9769	0.76	cps
Thallium	205-1	24071	23494	23434	23666	1.49	cps
Tin	118-1	53720	54850	54824	54465	1.18	cps
Titanium	47-1	11107	11598	11645	11450	2.60	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:11:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28835	28928	29222	28995	0.70	cps
Vanadium	51-2	31910	32188	31914	32004	0.50	cps
Yttrium	89-1	25010544	24451843	23842718	24435035	2.39	cps
Yttrium	89-2	6029800	5901976	5915441	5949072	1.18	cps
Zinc	66-2	9980	10167	9466	9871	3.67	cps
Zirconium	90-1	26394	25819	26347	26187	1.22	cps
Zirconium	91-1	5528	5564	5841	5644	3.04	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422959	414534	427081	421525	1.52	cps
Antimony	121-1	648341	655024	662544	655303	1.08	cps
Arsenic	75-2	41926	42026	41618	41857	0.51	cps
Barium	135-1	820865	833862	813183	822637	1.27	cps
Barium	137-1	1413448	1420242	1411689	1415126	0.32	cps
Beryllium	9-1	138311	140134	138864	139103	0.67	cps
Bismuth	209-1	10023371	9941538	9968303	9977737	0.42	cps
Bismuth	209-2	7853138	7965314	7815676	7878043	0.99	cps
Bromine	81-1	11448	11595	11304	11449	1.27	cps
Bromine	81-2	137	130	170	146	14.72	cps
Cadmium	108-1	13119	13393	13800	13437	2.55	cps
Cadmium	106-1	23820	23295	24047	23721	1.62	cps
Cadmium	111-1	180524	182895	182289	181903	0.68	cps
Calcium	43-1	284858	287774	293515	288715	1.53	cps
Calcium	44-1	4179281	4226572	4228963	4211605	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	372063	373804	369016	371628	0.65	cps
Cobalt	59-2	558253	559337	548859	555483	1.04	cps
Copper	63-2	4187388	4029770	4108405	4108521	1.92	cps
Dysprosium	156-1	40	30	40	37	15.75	cps
Dysprosium	156-2	57	53	57	56	3.47	cps
Erbium	164-1	100	117	120	112	9.55	cps
Erbium	164-2	97	73	90	87	13.87	cps
Gadolinium	160-1	120	80	80	93	24.74	cps
Gadolinium	160-2	393	383	363	380	4.02	cps
Holmium	165-1	16808896	16758817	16389662	16652458	1.37	cps
Holmium	165-2	11607289	11315472	11256205	11392989	1.65	cps
Indium	115-1	14793001	14520062	14448121	14587061	1.25	cps
Indium	115-2	4877220	4836525	4735825	4816523	1.51	cps
Iron	56-2	15288228	15360129	15592408	15413588	1.03	cps
Iron	57-2	407709	403148	399561	403472	1.01	cps
Iron	54-2	888310	891291	905126	894909	1.00	cps
Krypton	83-1	380	307	453	380	19.30	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2331187	2359945	2347842	2346325	0.62	cps
Lead	207-1	2038935	2071624	2087442	2066000	1.20	cps
Lead	208-1	9370406	9414869	9495393	9426889	0.67	cps
Lithium	6-1	2088255	2146089	2138096	2124147	1.48	cps
Magnesium	24-2	3477776	3407077	3419153	3434669	1.10	cps
Manganese	55-2	2515229	2498885	2518371	2510829	0.42	cps
Molybdenum	94-1	2839772	2856161	2843902	2846612	0.30	cps
Molybdenum	95-1	4137311	4171796	4185514	4164874	0.60	cps
Molybdenum	96-1	4524345	4543383	4561486	4543071	0.41	cps
Molybdenum	97-1	2558631	2571268	2596116	2575338	0.74	cps
Molybdenum	98-1	6540847	6596805	6597084	6578245	0.49	cps
Neodymium	150-1	53	37	37	42	22.78	cps
Neodymium	150-2	17	3	20	13	66.16	cps
Nickel	60-2	143142	142442	145115	143566	0.97	cps
Phosphorus	31-2	22777	22263	21822	22287	2.14	cps
Potassium	39-2	2244119	2216518	2176054	2212230	1.55	cps
Rhodium	103-1	14667146	14576579	14517821	14587182	0.52	cps
Rhodium	103-2	8811783	8818836	8601348	8743989	1.41	cps
Scandium	45-1	10897398	10909282	10530287	10778989	2.00	cps
Scandium	45-2	942238	942191	942099	942176	0.01	cps
Selenium	82-1	14166	14274	14164	14201	0.45	cps
Selenium	77-2	1210	1333	1240	1261	5.10	cps
Selenium	78-2	4567	4464	4484	4505	1.22	cps
Silicon	28-1	2396974	2398013	2434836	2409941	0.89	cps
Silver	107-1	892797	911122	907147	903689	1.07	cps
Silver	109-1	834279	850303	858762	847781	1.47	cps
Sodium	23-2	6111105	6149383	6087613	6116034	0.51	cps
Strontium	86-1	6318018	6264003	6220958	6267660	0.78	cps
Strontium	88-1	54634561	54729829	54763716	54709369	0.12	cps
Sulfur	34-1	456050	457069	454468	455863	0.29	cps
Terbium	159-1	17398393	17233286	16977431	17203037	1.23	cps
Terbium	159-2	11308073	11239030	11134254	11227119	0.78	cps
Thallium	203-1	514383	518689	523274	518782	0.86	cps
Thallium	205-1	1223277	1226972	1237518	1229256	0.60	cps
Tin	118-1	557331	564774	560582	560896	0.67	cps
Titanium	47-1	1257915	1245040	1237154	1246703	0.84	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:15:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1518440	1760602	1766066	1681703	8.41	cps
Vanadium	51-2	328222	324673	328343	327079	0.64	cps
Yttrium	89-1	24412473	24339522	24210050	24320682	0.42	cps
Yttrium	89-2	5890320	5826873	5821461	5846218	0.65	cps
Zinc	66-2	626576	623975	617269	622607	0.77	cps
Zirconium	90-1	1310378	1303485	1328544	1314136	0.99	cps
Zirconium	91-1	290042	292075	292309	291475	0.43	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	979650	974800	978443	977631	0.26	cps
Antimony	121-1	1694072	1723277	1704043	1707131	0.87	cps
Arsenic	75-2	103484	103132	103914	103510	0.38	cps
Barium	135-1	2112843	2152504	2109715	2125021	1.12	cps
Barium	137-1	3754517	3716875	3785527	3752306	0.92	cps
Beryllium	9-1	349614	352233	355338	352395	0.81	cps
Bismuth	209-1	10140355	9885845	9907344	9977848	1.41	cps
Bismuth	209-2	7709660	7952661	7768870	7810397	1.62	cps
Bromine	81-1	11104	10841	11338	11094	2.24	cps
Bromine	81-2	93	73	87	84	12.06	cps
Cadmium	108-1	32967	32901	32443	32770	0.87	cps
Cadmium	106-1	52113	51742	51889	51915	0.36	cps
Cadmium	111-1	440949	443067	446300	443438	0.61	cps
Calcium	43-1	705453	707260	707692	706802	0.17	cps
Calcium	44-1	10244751	10305739	10161258	10237249	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	901522	903787	896050	900453	0.44	cps
Cobalt	59-2	1355836	1354025	1350083	1353315	0.22	cps
Copper	63-2	9899114	9751742	9886412	9845756	0.83	cps
Dysprosium	156-1	47	40	30	39	21.57	cps
Dysprosium	156-2	73	130	100	101	28.04	cps
Erbium	164-1	177	150	180	169	9.74	cps
Erbium	164-2	77	87	73	79	8.80	cps
Gadolinium	160-1	123	67	103	98	29.39	cps
Gadolinium	160-2	367	363	367	366	0.53	cps
Holmium	165-1	16698311	16588832	16690381	16659175	0.37	cps
Holmium	165-2	11358612	11518875	11337585	11405024	0.87	cps
Indium	115-1	14934009	14414830	14443378	14597406	2.00	cps
Indium	115-2	4803244	4727592	4744091	4758309	0.84	cps
Iron	56-2	37582070	37587038	38127285	37765464	0.83	cps
Iron	57-2	980767	973089	976437	976764	0.39	cps
Iron	54-2	2135434	2081869	2114303	2110535	1.28	cps
Krypton	83-1	380	303	380	354	12.49	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5884034	5842883	5887397	5871438	0.42	cps
Lead	207-1	5232644	5153540	5166910	5184365	0.82	cps
Lead	208-1	23608864	23493853	23565230	23555982	0.25	cps
Lithium	6-1	2300971	2181960	2228823	2237251	2.68	cps
Magnesium	24-2	8438149	8412319	8386774	8412414	0.31	cps
Manganese	55-2	6232046	6129449	6287175	6216223	1.29	cps
Molybdenum	94-1	7125834	7076454	7014308	7072199	0.79	cps
Molybdenum	95-1	10287200	10257042	10365314	10303185	0.54	cps
Molybdenum	96-1	11410328	11185008	11331206	11308847	1.01	cps
Molybdenum	97-1	6412677	6323101	6425610	6387129	0.87	cps
Molybdenum	98-1	16254491	16176512	16237696	16222900	0.25	cps
Neodymium	150-1	87	100	83	90	9.80	cps
Neodymium	150-2	17	27	43	29	46.62	cps
Nickel	60-2	350332	347164	349375	348957	0.47	cps
Phosphorus	31-2	54172	53931	54262	54122	0.32	cps
Potassium	39-2	5239535	5216914	5191918	5216123	0.46	cps
Rhodium	103-1	14275945	14132041	14274173	14227386	0.58	cps
Rhodium	103-2	8664879	8666686	8503237	8611601	1.09	cps
Scandium	45-1	10697292	10565085	10518474	10593617	0.88	cps
Scandium	45-2	930227	925174	927415	927605	0.27	cps
Selenium	82-1	33687	33928	33961	33859	0.44	cps
Selenium	77-2	3007	2874	2937	2939	2.27	cps
Selenium	78-2	10147	10077	10107	10110	0.35	cps
Silicon	28-1	4845902	4840716	4895124	4860580	0.62	cps
Silver	107-1	2260987	2266791	2334264	2287347	1.78	cps
Silver	109-1	2145404	2150613	2137853	2144623	0.30	cps
Sodium	23-2	14861194	14667433	14947567	14825398	0.97	cps
Strontium	86-1	15322771	15417466	15750450	15496896	1.45	cps
Strontium	88-1	134733061	137007818	134553448	135431442	1.01	cps
Sulfur	34-1	552678	549654	546984	549772	0.52	cps
Terbium	159-1	17330983	17295400	17404683	17343689	0.32	cps
Terbium	159-2	11598459	11486191	11251573	11445408	1.55	cps
Thallium	203-1	1287133	1290130	1305602	1294289	0.77	cps
Thallium	205-1	3414470	3516270	3466083	3465608	1.47	cps
Tin	118-1	1384167	1388432	1400176	1390925	0.60	cps
Titanium	47-1	3070574	3143582	3068973	3094376	1.38	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:18:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4412578	4413359	4423351	4416429	0.14	cps
Vanadium	51-2	807726	802215	805681	805207	0.35	cps
Yttrium	89-1	24347102	24077190	23888216	24104169	0.96	cps
Yttrium	89-2	5827981	5787830	5747547	5787786	0.69	cps
Zinc	66-2	1500832	1512772	1505574	1506393	0.40	cps
Zirconium	90-1	3268038	3303121	3225642	3265600	1.19	cps
Zirconium	91-1	718753	716458	722295	719169	0.41	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1919471	1846219	1877745	1881145	1.95	cps
Antimony	121-1	3334876	3453480	3417504	3401953	1.79	cps
Arsenic	75-2	202739	202300	200991	202010	0.45	cps
Barium	135-1	4247589	4304872	4271265	4274575	0.67	cps
Barium	137-1	7317654	7449190	7321450	7362765	1.02	cps
Beryllium	9-1	690019	701733	691361	694371	0.92	cps
Bismuth	209-1	9893192	10052799	9879956	9941982	0.97	cps
Bismuth	209-2	8035992	7759213	7800338	7865181	1.90	cps
Bromine	81-1	10657	11064	11124	10949	2.32	cps
Bromine	81-2	107	113	83	101	15.58	cps
Cadmium	108-1	63763	65762	65149	64891	1.58	cps
Cadmium	106-1	96961	97438	96841	97080	0.33	cps
Cadmium	111-1	869735	873956	876818	873503	0.41	cps
Calcium	43-1	1365962	1354065	1353725	1357917	0.51	cps
Calcium	44-1	20430795	20676722	20388637	20498718	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1752837	1688324	1775443	1738868	2.60	cps
Cobalt	59-2	2679103	2789572	2679860	2716178	2.34	cps
Copper	63-2	20109247	19236287	19577397	19640977	2.24	cps
Dysprosium	156-1	70	100	90	87	17.63	cps
Dysprosium	156-2	183	153	170	169	8.90	cps
Erbium	164-1	173	157	157	162	5.93	cps
Erbium	164-2	120	110	97	109	10.75	cps
Gadolinium	160-1	117	117	113	116	1.66	cps
Gadolinium	160-2	430	323	347	367	15.29	cps
Holmium	165-1	16619295	16648271	16689809	16652458	0.21	cps
Holmium	165-2	11845767	11524822	11338672	11569754	2.22	cps
Indium	115-1	14504891	14605262	14565795	14558650	0.35	cps
Indium	115-2	4829601	4713517	4569650	4704256	2.77	cps
Iron	56-2	75593229	75153422	73075542	74607398	1.80	cps
Iron	57-2	1866838	1901589	1828564	1865664	1.96	cps
Iron	54-2	4187257	4107099	4101288	4131881	1.16	cps
Krypton	83-1	360	390	353	368	5.31	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11706383	11780853	11760925	11749387	0.33	cps
Lead	207-1	10339927	10540237	10390214	10423459	1.00	cps
Lead	208-1	46730403	47499604	47452501	47227503	0.91	cps
Lithium	6-1	2200281	2344073	2228512	2257622	3.37	cps
Magnesium	24-2	16650810	16339045	16321334	16437063	1.13	cps
Manganese	55-2	12340647	12114096	12047204	12167316	1.26	cps
Molybdenum	94-1	14158752	14329991	14263405	14250716	0.61	cps
Molybdenum	95-1	20619586	20639877	20569548	20609670	0.18	cps
Molybdenum	96-1	22593071	22589641	22486655	22556455	0.27	cps
Molybdenum	97-1	12698227	12909777	12728507	12778837	0.90	cps
Molybdenum	98-1	32372635	32418120	32548490	32446415	0.28	cps
Neodymium	150-1	180	167	180	176	4.38	cps
Neodymium	150-2	40	23	43	36	30.14	cps
Nickel	60-2	680513	687605	688372	685497	0.63	cps
Phosphorus	31-2	105040	105564	103668	104758	0.93	cps
Potassium	39-2	10030903	10099184	10258530	10129539	1.15	cps
Rhodium	103-1	14058089	14143534	14093372	14098331	0.30	cps
Rhodium	103-2	8806449	8364859	8526098	8565802	2.61	cps
Scandium	45-1	10712414	10547693	10517409	10592505	0.99	cps
Scandium	45-2	946496	916510	920144	927716	1.76	cps
Selenium	82-1	66603	66699	67129	66810	0.42	cps
Selenium	77-2	5768	5508	5991	5756	4.20	cps
Selenium	78-2	20244	19339	19423	19669	2.54	cps
Silicon	28-1	9733107	9789567	9834710	9785795	0.52	cps
Silver	107-1	4519671	4601367	4563228	4561422	0.90	cps
Silver	109-1	4289171	4314544	4273112	4292276	0.49	cps
Sodium	23-2	29524133	28882743	28479297	28962058	1.82	cps
Strontium	86-1	31247260	30981494	30481331	30903362	1.26	cps
Strontium	88-1	270973723	269793843	265866169	268877912	0.99	cps
Sulfur	34-1	711581	707984	700155	706573	0.83	cps
Terbium	159-1	17456996	17538149	17203281	17399475	1.00	cps
Terbium	159-2	11440619	11088626	11210113	11246453	1.59	cps
Thallium	203-1	2919114	2874032	2948058	2913735	1.28	cps
Thallium	205-1	6895285	6910477	6873198	6892986	0.27	cps
Tin	118-1	2856412	2942343	2914880	2904545	1.51	cps
Titanium	47-1	6062303	6123083	6099494	6094960	0.50	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:21:05	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8829186	8949127	8800156	8859490	0.89	cps
Vanadium	51-2	1563503	1550718	1539839	1551353	0.76	cps
Yttrium	89-1	24399285	24493804	24526913	24473334	0.27	cps
Yttrium	89-2	5964266	5672379	5789818	5808821	2.53	cps
Zinc	66-2	3111498	2973384	3010803	3031895	2.36	cps
Zirconium	90-1	6394699	6488297	6559989	6480995	1.28	cps
Zirconium	91-1	1407666	1441804	1436164	1428545	1.28	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3769925	3727042	3714922	3737297	0.77	cps
Antimony	121-1	6694052	6753145	6800160	6749119	0.79	cps
Arsenic	75-2	404821	406927	402988	404912	0.49	cps
Barium	135-1	8607091	8521636	8736214	8621647	1.25	cps
Barium	137-1	14572830	15122245	14804635	14833236	1.86	cps
Beryllium	9-1	1289662	1301969	1303511	1298381	0.58	cps
Bismuth	209-1	9641783	9692814	9865054	9733217	1.20	cps
Bismuth	209-2	7686704	7832471	7691428	7736868	1.07	cps
Bromine	81-1	10921	10801	10704	10809	1.00	cps
Bromine	81-2	113	83	87	94	17.41	cps
Cadmium	108-1	126846	128120	129660	128209	1.10	cps
Cadmium	106-1	184516	188013	189373	187301	1.34	cps
Cadmium	111-1	1742630	1779974	1791428	1771344	1.44	cps
Calcium	43-1	2694535	2713392	2739220	2715716	0.83	cps
Calcium	44-1	39427551	40226284	39911857	39855231	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3488106	3489514	3471396	3483005	0.29	cps
Cobalt	59-2	5387151	5331448	5284301	5334300	0.97	cps
Copper	63-2	38199020	37926591	38041574	38055728	0.36	cps
Dysprosium	156-1	193	110	150	151	27.58	cps
Dysprosium	156-2	297	380	373	350	13.23	cps
Erbium	164-1	190	197	177	188	5.42	cps
Erbium	164-2	130	133	147	137	6.45	cps
Gadolinium	160-1	117	170	130	139	19.98	cps
Gadolinium	160-2	423	383	353	387	9.08	cps
Holmium	165-1	16693202	16498645	16808495	16666781	0.94	cps
Holmium	165-2	11240746	11328283	11379048	11316025	0.62	cps
Indium	115-1	14209293	14070118	14335223	14204878	0.93	cps
Indium	115-2	4644113	4591546	4712211	4649290	1.30	cps
Iron	56-2	149370081	146022471	148042421	147811658	1.14	cps
Iron	57-2	3683748	3667647	3690832	3680743	0.32	cps
Iron	54-2	8203869	8293063	8156404	8217778	0.84	cps
Krypton	83-1	343	360	433	379	12.64	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23204400	23101040	23464655	23256698	0.81	cps
Lead	207-1	20222169	20458556	20540431	20407052	0.81	cps
Lead	208-1	91912151	93131114	93686354	92909873	0.98	cps
Lithium	6-1	2190649	2297896	2353116	2280553	3.62	cps
Magnesium	24-2	33051379	32961267	32803496	32938714	0.38	cps
Manganese	55-2	24511838	24006731	24381150	24299907	1.08	cps
Molybdenum	94-1	28034922	28534450	28340130	28303167	0.89	cps
Molybdenum	95-1	40304796	41423562	41263629	40997329	1.48	cps
Molybdenum	96-1	43716481	45607753	45377374	44900536	2.30	cps
Molybdenum	97-1	25056347	25461265	25681432	25399681	1.25	cps
Molybdenum	98-1	64940542	64761074	64984867	64895495	0.18	cps
Neodymium	150-1	240	337	323	300	17.46	cps
Neodymium	150-2	67	53	87	69	24.36	cps
Nickel	60-2	1333313	1334720	1316743	1328259	0.75	cps
Phosphorus	31-2	208882	206142	204912	206646	0.98	cps
Potassium	39-2	20175221	20083819	19938592	20065877	0.59	cps
Rhodium	103-1	13991470	14024911	13946766	13987716	0.28	cps
Rhodium	103-2	8461357	8374176	8316891	8384141	0.87	cps
Scandium	45-1	10187996	10338674	10454542	10327071	1.29	cps
Scandium	45-2	917579	910451	901200	909743	0.90	cps
Selenium	82-1	128357	130086	130598	129680	0.91	cps
Selenium	77-2	11571	11478	12182	11744	3.26	cps
Selenium	78-2	38156	38102	38139	38132	0.07	cps
Silicon	28-1	18866286	18988101	19432816	19095734	1.56	cps
Silver	107-1	8821190	8865944	9087210	8924781	1.60	cps
Silver	109-1	8313764	8401766	8544191	8419907	1.38	cps
Sodium	23-2	58556692	58465802	58150329	58390941	0.37	cps
Strontium	86-1	59781906	61034276	62142469	60986217	1.94	cps
Strontium	88-1	530916885	534352245	543534685	536267939	1.22	cps
Sulfur	34-1	1026751	1035448	1036194	1032797	0.51	cps
Terbium	159-1	17375127	17337273	17497498	17403299	0.48	cps
Terbium	159-2	11625779	11558764	11410520	11531688	0.96	cps
Thallium	203-1	5800205	5787961	5912233	5833466	1.17	cps
Thallium	205-1	13677957	13778876	13742477	13733104	0.37	cps
Tin	118-1	5679390	5659687	5737803	5692293	0.71	cps
Titanium	47-1	11811210	12135473	11948809	11965164	1.36	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:23:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17693569	17647578	17964104	17768417	0.96	cps
Vanadium	51-2	3073623	3066371	3109784	3083259	0.75	cps
Yttrium	89-1	24224414	24540915	23985800	24250376	1.15	cps
Yttrium	89-2	5702163	5801979	5553456	5685866	2.20	cps
Zinc	66-2	5867975	5813214	5748390	5809860	1.03	cps
Zirconium	90-1	12947858	13018265	13004589	12990237	0.29	cps
Zirconium	91-1	2840115	2838910	2905347	2861458	1.33	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7476922	7376884	7418119	7423975	0.68	cps
Antimony	121-1	13082039	13469876	13227457	13259790	1.48	cps
Arsenic	75-2	785313	786111	786199	785875	0.06	cps
Barium	135-1	16956969	16647761	16969499	16858076	1.08	cps
Barium	137-1	28997431	28851340	29033930	28960900	0.33	cps
Beryllium	9-1	2498402	2514455	2474129	2495662	0.81	cps
Bismuth	209-1	9767134	9609774	9597204	9658037	0.98	cps
Bismuth	209-2	7535317	7452298	7529990	7505868	0.62	cps
Bromine	81-1	11301	11061	10731	11031	2.60	cps
Bromine	81-2	160	123	140	141	13.01	cps
Cadmium	108-1	243123	247696	248167	246328	1.13	cps
Cadmium	106-1	355211	357073	356147	356144	0.26	cps
Cadmium	111-1	3409667	3475957	3428715	3438113	0.99	cps
Calcium	43-1	5220491	5397554	5272226	5296757	1.72	cps
Calcium	44-1	78066716	82326747	80128159	80173874	2.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6818268	6859953	6866371	6848197	0.38	cps
Cobalt	59-2	10308120	10288521	10306376	10301006	0.11	cps
Copper	63-2	72851574	73709162	73412211	73324316	0.59	cps
Dysprosium	156-1	263	260	217	247	10.56	cps
Dysprosium	156-2	627	673	597	632	6.11	cps
Erbium	164-1	277	210	283	257	15.80	cps
Erbium	164-2	147	157	180	161	10.62	cps
Gadolinium	160-1	177	243	173	198	19.97	cps
Gadolinium	160-2	370	553	313	412	30.43	cps
Holmium	165-1	16583494	16663540	16607438	16618157	0.25	cps
Holmium	165-2	11514243	11366885	11427868	11436332	0.65	cps
Indium	115-1	13917080	14062789	13845420	13941763	0.79	cps
Indium	115-2	4594542	4545978	4500107	4546876	1.04	cps
Iron	56-2	287662429	286180622	288542756	287461936	0.42	cps
Iron	57-2	7033813	7114224	7038919	7062319	0.64	cps
Iron	54-2	16150699	16223280	16018802	16130927	0.64	cps
Krypton	83-1	337	360	390	362	7.38	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	45596444	45740516	45810431	45715797	0.24	cps
Lead	207-1	39976516	40426056	40327752	40243441	0.59	cps
Lead	208-1	182092262	183396114	182157931	182548769	0.40	cps
Lithium	6-1	2203913	2197795	2163017	2188242	1.01	cps
Magnesium	24-2	65670036	65903972	65171942	65581983	0.57	cps
Manganese	55-2	48157194	47751308	47870344	47926282	0.44	cps
Molybdenum	94-1	54772879	55748891	55295361	55272377	0.88	cps
Molybdenum	95-1	79095515	80179182	79924309	79733002	0.71	cps
Molybdenum	96-1	86525052	87947979	87056412	87176481	0.82	cps
Molybdenum	97-1	48955438	49874424	49746893	49525585	1.01	cps
Molybdenum	98-1	124983411	128057418	128212391	127084407	1.43	cps
Neodymium	150-1	563	563	623	583	5.94	cps
Neodymium	150-2	113	160	123	132	18.58	cps
Nickel	60-2	2663565	2628119	2618481	2636722	0.90	cps
Phosphorus	31-2	407687	405338	405476	406167	0.32	cps
Potassium	39-2	39911085	39135669	39502399	39516384	0.98	cps
Rhodium	103-1	13828706	13550740	13794036	13724494	1.10	cps
Rhodium	103-2	8276099	8128353	8197586	8200679	0.90	cps
Scandium	45-1	10487517	10449819	10488834	10475390	0.21	cps
Scandium	45-2	920827	911395	910975	914399	0.61	cps
Selenium	82-1	245391	246880	247084	246452	0.37	cps
Selenium	77-2	22173	21993	21970	22045	0.51	cps
Selenium	78-2	74349	74299	72614	73754	1.34	cps
Silicon	28-1	44946039	44514809	44198554	44553134	0.84	cps
Silver	107-1	16862026	17318247	17077137	17085803	1.34	cps
Silver	109-1	16141504	15965851	16316232	16141196	1.09	cps
Sodium	23-2	113500415	114731465	113333805	113855228	0.67	cps
Strontium	86-1	118988188	120611642	120795835	120131888	0.83	cps
Strontium	88-1	1037433958	1067481877	1042892251	1049269362	1.53	cps
Sulfur	34-1	1737555	1766647	1761650	1755284	0.89	cps
Terbium	159-1	17272249	17340240	16977450	17196646	1.12	cps
Terbium	159-2	11283381	11519464	11357775	11386873	1.06	cps
Thallium	203-1	11329773	11278986	11549372	11386044	1.26	cps
Thallium	205-1	27026606	27128825	26714817	26956749	0.80	cps
Tin	118-1	10988558	11279604	11079638	11115933	1.34	cps
Titanium	47-1	23488292	24348940	24290200	24042478	2.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:26:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34608756	35232781	35212838	35018125	1.01	cps
Vanadium	51-2	6106910	6145972	6021854	6091579	1.04	cps
Yttrium	89-1	24134883	24395242	23849581	24126569	1.13	cps
Yttrium	89-2	5679225	5703369	5668352	5683649	0.32	cps
Zinc	66-2	11236431	11240113	11232595	11236380	0.03	cps
Zirconium	90-1	25610601	26132330	25370726	25704552	1.51	cps
Zirconium	91-1	5635441	5721453	5554925	5637273	1.48	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37807667	38137306	38125893	38023622	0.49	cps
Antimony	121-1	9403	8926	9737	9355	4.35	cps
Arsenic	75-2	373	427	417	406	6.99	cps
Barium	135-1	6842	6862	6718	6807	1.14	cps
Barium	137-1	12402	11878	11435	11905	4.07	cps
Beryllium	9-1	307	297	309	304	2.10	cps
Bismuth	209-1	8727512	8524887	8312687	8521695	2.43	cps
Bismuth	209-2	6829021	6939407	6922279	6896902	0.86	cps
Bromine	81-1	12228	11992	11958	12059	1.22	cps
Bromine	81-2	187	180	193	187	3.57	cps
Cadmium	108-1	77	133	93	101	28.81	cps
Cadmium	106-1	4711	4764	4627	4701	1.47	cps
Cadmium	111-1	3711	3705	3554	3656	2.43	cps
Calcium	43-1	21972937	21999238	22114582	22028919	0.34	cps
Calcium	44-1	352766381	354721888	356085301	354524524	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22834	22825	28737	24799	13.76	cps
Cobalt	59-2	26654	26667	26938	26753	0.60	cps
Copper	63-2	18091	17664	18645	18133	2.71	cps
Dysprosium	156-1	433	440	400	424	5.05	cps
Dysprosium	156-2	357	367	347	357	2.80	cps
Erbium	164-1	543	523	593	553	6.52	cps
Erbium	164-2	337	383	387	369	7.58	cps
Gadolinium	160-1	437	447	430	438	1.92	cps
Gadolinium	160-2	577	683	620	627	8.56	cps
Holmium	165-1	16069709	15870329	15593458	15844498	1.51	cps
Holmium	165-2	11099298	11226353	11347632	11224428	1.11	cps
Indium	115-1	13046970	13193201	12884548	13041573	1.18	cps
Indium	115-2	4571144	4589263	4588443	4582950	0.22	cps
Iron	56-2	1390685366	1409952086	1408182326	1402939926	0.76	cps
Iron	57-2	35482305	34898680	35235418	35205468	0.83	cps
Iron	54-2	76298187	76551192	77054092	76634491	0.50	cps
Krypton	83-1	423	343	387	384	10.42	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8239	7706	7589	7845	4.42	cps
Lead	207-1	7232	6575	6218	6675	7.70	cps
Lead	208-1	33166	30280	29069	30838	6.83	cps
Lithium	6-1	2049020	2144696	2039046	2077587	2.81	cps
Magnesium	24-2	328694188	330526288	330206482	329808986	0.30	cps
Manganese	55-2	25665	25552	25538	25585	0.27	cps
Molybdenum	94-1	13940	12879	13156	13325	4.13	cps
Molybdenum	95-1	13093	12499	12389	12660	2.99	cps
Molybdenum	96-1	24471	23526	23609	23868	2.19	cps
Molybdenum	97-1	8132	7462	7402	7665	5.29	cps
Molybdenum	98-1	20942	18498	17691	19044	8.89	cps
Neodymium	150-1	187	257	247	230	16.46	cps
Neodymium	150-2	170	130	140	147	14.19	cps
Nickel	60-2	10944	10827	10404	10725	2.65	cps
Phosphorus	31-2	420	437	423	427	2.07	cps
Potassium	39-2	205044297	203106137	206938804	205029746	0.93	cps
Rhodium	103-1	12373208	12160843	12160456	12231502	1.00	cps
Rhodium	103-2	7685201	7651883	7629513	7655533	0.37	cps
Scandium	45-1	10190462	10168096	10144062	10167540	0.23	cps
Scandium	45-2	919205	909413	921068	916562	0.68	cps
Selenium	82-1	680	798	729	736	8.07	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	520	497	520	512	2.63	cps
Silicon	28-1	527907	523202	516408	522506	1.11	cps
Silver	107-1	2757	2334	2200	2430	11.96	cps
Silver	109-1	2584	2087	2114	2261	12.36	cps
Sodium	23-2	554821512	558050205	557872578	556914765	0.33	cps
Strontium	86-1	21926	20825	20334	21028	3.88	cps
Strontium	88-1	189691	178725	174021	180812	4.45	cps
Sulfur	34-1	309682	326194	330474	322117	3.41	cps
Terbium	159-1	16554104	16379665	16296370	16410046	0.80	cps
Terbium	159-2	11203372	11254220	11146328	11201307	0.48	cps
Thallium	203-1	1417	1350	1147	1305	10.78	cps
Thallium	205-1	3337	2927	2674	2979	11.24	cps
Tin	118-1	6935	6878	6805	6873	0.95	cps
Titanium	47-1	3164	3030	3410	3201	6.02	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:29:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2427	2064	1887	2126	12.95	cps
Vanadium	51-2	1390	1363	1483	1412	4.46	cps
Yttrium	89-1	22922209	22789951	22656796	22789652	0.58	cps
Yttrium	89-2	5775114	5741988	5795084	5770729	0.46	cps
Zinc	66-2	7702	7719	7669	7696	0.33	cps
Zirconium	90-1	15535	15091	15655	15427	1.93	cps
Zirconium	91-1	3387	3667	3420	3492	4.38	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	203920	205116	203103	204046	0.50	cps
Antimony	121-1	2674510	2717609	2720523	2704214	0.95	cps
Arsenic	75-2	176334	177886	175430	176550	0.70	cps
Barium	135-1	310925	320174	321502	317533	1.81	cps
Barium	137-1	549299	544611	545227	546379	0.47	cps
Beryllium	9-1	245834	255018	254679	251844	2.07	cps
Bismuth	209-1	9413600	9471499	9419990	9435030	0.34	cps
Bismuth	209-2	7631927	7665351	7785124	7694134	1.05	cps
Bromine	81-1	11725	11888	11461	11691	1.84	cps
Bromine	81-2	163	113	163	147	19.68	cps
Cadmium	108-1	23048	23108	23115	23091	0.16	cps
Cadmium	106-1	36208	36763	37248	36740	1.42	cps
Cadmium	111-1	350858	354663	352164	352562	0.55	cps
Calcium	43-1	101352	99356	100578	100429	1.00	cps
Calcium	44-1	1569386	1595227	1632698	1599104	1.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	782938	767633	770873	773815	1.04	cps
Cobalt	59-2	1150130	1159242	1152130	1153834	0.42	cps
Copper	63-2	778331	775774	774770	776292	0.24	cps
Dysprosium	156-1	13	13	7	11	34.61	cps
Dysprosium	156-2	17	27	20	21	24.12	cps
Erbium	164-1	103	117	140	120	15.47	cps
Erbium	164-2	63	63	77	68	11.36	cps
Gadolinium	160-1	60	60	77	66	14.68	cps
Gadolinium	160-2	280	360	397	346	17.26	cps
Holmium	165-1	15630649	15961964	15656537	15749717	1.17	cps
Holmium	165-2	11232797	11208491	11095733	11179007	0.65	cps
Indium	115-1	14585278	14159105	13970987	14238457	2.21	cps
Indium	115-2	5013264	4859535	4833326	4902042	1.98	cps
Iron	56-2	12536848	12427961	12417350	12460720	0.53	cps
Iron	57-2	324040	326939	322568	324516	0.69	cps
Iron	54-2	746680	750168	748834	748561	0.24	cps
Krypton	83-1	363	390	307	353	12.05	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1934483	1905277	1890347	1910036	1.18	cps
Lead	207-1	1417865	1419730	1431259	1422951	0.51	cps
Lead	208-1	7349082	7344510	7291017	7328203	0.44	cps
Lithium	6-1	2090880	2120986	2068284	2093383	1.26	cps
Magnesium	24-2	878868	865456	864382	869569	0.93	cps
Manganese	55-2	531207	527617	527343	528722	0.41	cps
Molybdenum	94-1	1087	1177	1270	1178	7.78	cps
Molybdenum	95-1	437	407	427	423	3.61	cps
Molybdenum	96-1	790	733	833	786	6.38	cps
Molybdenum	97-1	263	267	257	262	1.94	cps
Molybdenum	98-1	697	643	627	656	5.58	cps
Neodymium	150-1	30	27	10	22	48.22	cps
Neodymium	150-2	13	20	3	12	68.66	cps
Nickel	60-2	299171	297351	298123	298215	0.31	cps
Phosphorus	31-2	330	260	350	313	15.08	cps
Potassium	39-2	1816453	1806762	1796329	1806515	0.56	cps
Rhodium	103-1	14378004	14286297	14116865	14260389	0.93	cps
Rhodium	103-2	8858856	8688880	8728269	8758669	1.02	cps
Scandium	45-1	10744828	10751148	10992399	10829458	1.30	cps
Scandium	45-2	976429	969575	963263	969756	0.68	cps
Selenium	82-1	54109	54059	53966	54045	0.13	cps
Selenium	77-2	5341	5314	5384	5347	0.66	cps
Selenium	78-2	17510	17514	17784	17603	0.89	cps
Silicon	28-1	432952	432358	441296	435535	1.15	cps
Silver	107-1	843145	867496	866051	858897	1.59	cps
Silver	109-1	799659	828384	822999	817014	1.87	cps
Sodium	23-2	2453612	2483221	2466212	2467682	0.60	cps
Strontium	86-1	2320	2160	2154	2211	4.27	cps
Strontium	88-1	14484	14400	14707	14531	1.09	cps
Sulfur	34-1	368053	364737	364477	365755	0.55	cps
Terbium	159-1	16811461	16196739	16224980	16411060	2.11	cps
Terbium	159-2	11395367	11277729	11424922	11366006	0.69	cps
Thallium	203-1	2382054	2417109	2360028	2386397	1.21	cps
Thallium	205-1	5539412	5644606	5647205	5610408	1.10	cps
Tin	118-1	2850	2794	2570	2738	5.41	cps
Titanium	47-1	370	337	397	368	8.17	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 16:54:51	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97	80	57	78	25.83	cps
Vanadium	51-2	677338	664870	665267	669158	1.06	cps
Yttrium	89-1	23714845	23822879	24052606	23863444	0.72	cps
Yttrium	89-2	6012879	5966972	5849125	5942992	1.42	cps
Zinc	66-2	252860	250519	251025	251468	0.49	cps
Zirconium	90-1	2357	2337	2374	2356	0.78	cps
Zirconium	91-1	797	813	807	806	1.04	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1260	1193	1110	1188	6.33	cps
Antimony	121-1	410	473	517	467	11.50	cps
Arsenic	75-2	0	10	17	9	94.38	cps
Barium	135-1	87	80	90	86	5.95	cps
Barium	137-1	137	150	157	148	6.89	cps
Beryllium	9-1	20	47	27	31	44.25	cps
Bismuth	209-1	9345046	9267022	9324733	9312267	0.43	cps
Bismuth	209-2	7617899	7566036	7545786	7576574	0.49	cps
Bromine	81-1	11418	12078	11521	11672	3.04	cps
Bromine	81-2	97	97	97	97	0.00	cps
Cadmium	108-1	3	17	10	10	66.70	cps
Cadmium	106-1	4024	3977	3871	3957	1.99	cps
Cadmium	111-1	2814	2782	2706	2768	2.02	cps
Calcium	43-1	677	533	597	602	11.93	cps
Calcium	44-1	53399	53530	53021	53317	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1470	1513	1407	1463	3.67	cps
Cobalt	59-2	157	113	110	127	20.56	cps
Copper	63-2	7048	7048	7158	7085	0.90	cps
Dysprosium	156-1	23	3	13	13	75.02	cps
Dysprosium	156-2	7	7	23	12	78.69	cps
Erbium	164-1	100	110	90	100	10.00	cps
Erbium	164-2	77	97	93	89	12.05	cps
Gadolinium	160-1	70	73	70	71	2.70	cps
Gadolinium	160-2	377	320	393	363	10.58	cps
Holmium	165-1	15474180	15496960	15741272	15570804	0.95	cps
Holmium	165-2	11008272	10977276	10947614	10977721	0.28	cps
Indium	115-1	13969353	14292221	14271993	14177856	1.28	cps
Indium	115-2	4928292	4910342	4961650	4933428	0.53	cps
Iron	56-2	22807	22050	22320	22392	1.72	cps
Iron	57-2	2527	2530	2687	2581	3.54	cps
Iron	54-2	2740	2720	2520	2660	4.57	cps
Krypton	83-1	417	313	350	360	14.55	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	647	557	583	596	7.76	cps
Lead	207-1	453	467	590	503	14.97	cps
Lead	208-1	2400	2120	2383	2301	6.83	cps
Lithium	6-1	2046781	2056756	2028289	2043942	0.71	cps
Magnesium	24-2	1447	1547	1497	1497	3.34	cps
Manganese	55-2	1047	1113	1213	1125	7.46	cps
Molybdenum	94-1	603	537	597	579	6.34	cps
Molybdenum	95-1	193	197	153	181	13.31	cps
Molybdenum	96-1	290	263	290	281	5.48	cps
Molybdenum	97-1	127	160	150	146	11.75	cps
Molybdenum	98-1	237	220	240	232	4.61	cps
Neodymium	150-1	10	10	7	9	21.63	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	270	270	247	262	5.14	cps
Phosphorus	31-2	210	253	303	256	18.28	cps
Potassium	39-2	108567	108866	108496	108643	0.18	cps
Rhodium	103-1	14031017	14123935	14237294	14130749	0.73	cps
Rhodium	103-2	8764657	8919474	8793168	8825767	0.93	cps
Scandium	45-1	10699199	10685689	10572162	10652350	0.65	cps
Scandium	45-2	974380	963719	968213	968771	0.55	cps
Selenium	82-1	502	577	570	550	7.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	517	440	490	482	8.07	cps
Silicon	28-1	434295	436199	432127	434207	0.47	cps
Silver	107-1	137	167	200	168	18.88	cps
Silver	109-1	113	93	127	111	15.10	cps
Sodium	23-2	83974	83274	83260	83503	0.49	cps
Strontium	86-1	670	643	657	657	2.03	cps
Strontium	88-1	843	880	887	870	2.68	cps
Sulfur	34-1	368316	372351	371297	370655	0.56	cps
Terbium	159-1	16415904	16263473	16253258	16310878	0.56	cps
Terbium	159-2	11336144	11076834	11294102	11235693	1.24	cps
Thallium	203-1	227	283	227	246	13.32	cps
Thallium	205-1	580	527	550	552	4.84	cps
Tin	118-1	2320	2758	2220	2433	11.75	cps
Titanium	47-1	290	257	270	272	6.16	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:12:25	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	43	37	36	23.58	cps
Vanadium	51-2	20	10	33	21	55.45	cps
Yttrium	89-1	23526834	23738335	23520183	23595117	0.53	cps
Yttrium	89-2	5973982	5874100	5983193	5943758	1.02	cps
Zinc	66-2	2644	2584	2737	2655	2.91	cps
Zirconium	90-1	1207	1277	1313	1266	4.28	cps
Zirconium	91-1	250	253	180	228	18.18	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35053782	34451664	34703334	34736260	0.87	cps
Antimony	121-1	13680	13733	13847	13753	0.62	cps
Arsenic	75-2	297	300	287	294	2.36	cps
Barium	135-1	4441	4501	4748	4563	3.56	cps
Barium	137-1	7532	7709	7619	7620	1.16	cps
Beryllium	9-1	1187	1133	1070	1130	5.21	cps
Bismuth	209-1	9145813	9042210	9305628	9164550	1.45	cps
Bismuth	209-2	7398728	7328384	7318415	7348509	0.60	cps
Bromine	81-1	12485	12529	12789	12601	1.30	cps
Bromine	81-2	390	360	350	367	5.68	cps
Cadmium	108-1	1893	1987	2144	2008	6.29	cps
Cadmium	106-1	4611	4674	4317	4534	4.20	cps
Cadmium	111-1	4396	4238	3942	4192	5.50	cps
Calcium	43-1	4377686	4434150	4435527	4415788	0.75	cps
Calcium	44-1	70292522	71202771	71669506	71054933	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139138	138317	138512	138656	0.31	cps
Cobalt	59-2	12986	13086	12692	12921	1.58	cps
Copper	63-2	71848	71198	70452	71166	0.98	cps
Dysprosium	156-1	40	50	43	44	11.46	cps
Dysprosium	156-2	33	43	33	37	15.75	cps
Erbium	164-1	157	147	183	162	11.68	cps
Erbium	164-2	127	103	70	100	28.48	cps
Gadolinium	160-1	97	103	107	102	4.98	cps
Gadolinium	160-2	370	390	430	397	7.70	cps
Holmium	165-1	16222231	16234527	16430666	16295808	0.72	cps
Holmium	165-2	11484962	11259370	11276927	11340420	1.11	cps
Indium	115-1	13722792	13964838	13648886	13778839	1.20	cps
Indium	115-2	4756029	4675070	4686669	4705923	0.93	cps
Iron	56-2	565153378	571548658	561282165	565994734	0.92	cps
Iron	57-2	14170747	13909809	14055359	14045305	0.93	cps
Iron	54-2	31190059	31436889	31220695	31282548	0.43	cps
Krypton	83-1	390	350	343	361	6.99	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35526	36455	36121	36034	1.31	cps
Lead	207-1	27651	29058	28006	28238	2.59	cps
Lead	208-1	132286	135110	134702	134033	1.14	cps
Lithium	6-1	2111794	2110937	2177267	2133332	1.78	cps
Magnesium	24-2	66296926	65394019	65028771	65573238	1.00	cps
Manganese	55-2	38736	38202	37777	38239	1.26	cps
Molybdenum	94-1	7903036	7979563	7818625	7900408	1.02	cps
Molybdenum	95-1	13748145	13705334	13832504	13761994	0.47	cps
Molybdenum	96-1	14768814	14587067	14706924	14687602	0.63	cps
Molybdenum	97-1	8560975	8449357	8586808	8532380	0.86	cps
Molybdenum	98-1	21996761	21642855	21896464	21845360	0.83	cps
Neodymium	150-1	53	57	57	56	3.47	cps
Neodymium	150-2	20	50	33	34	43.64	cps
Nickel	60-2	17407	16706	16940	17018	2.10	cps
Phosphorus	31-2	2020769	1984030	1977076	1993958	1.18	cps
Potassium	39-2	79129680	78009824	77702322	78280609	0.96	cps
Rhodium	103-1	13267125	13357306	13464243	13362892	0.74	cps
Rhodium	103-2	8266186	8212657	8132792	8203878	0.82	cps
Scandium	45-1	10531661	10415779	10377605	10441682	0.77	cps
Scandium	45-2	952952	932488	935436	940292	1.18	cps
Selenium	82-1	505	554	585	548	7.35	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	503	480	443	476	6.36	cps
Silicon	28-1	569129	563554	564046	565576	0.55	cps
Silver	107-1	820	880	863	854	3.63	cps
Silver	109-1	780	850	753	794	6.28	cps
Sodium	23-2	113355482	111994905	112308385	112552924	0.63	cps
Strontium	86-1	159608	159945	160892	160149	0.42	cps
Strontium	88-1	1379582	1377173	1376599	1377785	0.11	cps
Sulfur	34-1	7114508	7177271	7067244	7119675	0.78	cps
Terbium	159-1	16751130	16853390	16669620	16758047	0.55	cps
Terbium	159-2	11375200	11232833	11331976	11313336	0.65	cps
Thallium	203-1	853	890	890	878	2.41	cps
Thallium	205-1	2010	2070	2207	2096	4.81	cps
Tin	118-1	3767	3687	3714	3723	1.09	cps
Titanium	47-1	4296347	4283043	4264171	4281187	0.38	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:15:42	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	603	550	520	558	7.57	cps
Vanadium	51-2	1120	1110	1020	1083	5.08	cps
Yttrium	89-1	23714389	23426495	23215906	23452264	1.07	cps
Yttrium	89-2	5930260	5780640	5717128	5809343	1.88	cps
Zinc	66-2	14817	14837	14771	14809	0.23	cps
Zirconium	90-1	1537	1660	1470	1556	6.20	cps
Zirconium	91-1	323	350	343	339	4.10	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35618982	34741753	35009154	35123296	1.28	cps
Antimony	121-1	266960	268662	264259	266627	0.83	cps
Arsenic	75-2	16830	16603	16289	16574	1.64	cps
Barium	135-1	66843	68045	66983	67290	0.98	cps
Barium	137-1	115806	116033	115300	115713	0.32	cps
Beryllium	9-1	48354	49348	49081	48928	1.05	cps
Bismuth	209-1	9332350	9299530	9437763	9356548	0.77	cps
Bismuth	209-2	7413130	7415295	7500020	7442815	0.67	cps
Bromine	81-1	13536	14130	13536	13734	2.50	cps
Bromine	81-2	530	577	497	534	7.52	cps
Cadmium	108-1	6171	6445	6278	6298	2.19	cps
Cadmium	106-1	10807	10224	10587	10539	2.80	cps
Cadmium	111-1	69175	68209	68132	68505	0.85	cps
Calcium	43-1	4432880	4493760	4488114	4471585	0.75	cps
Calcium	44-1	71506872	72812234	72459074	72259393	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280112	280686	282831	281210	0.51	cps
Cobalt	59-2	220889	219919	219513	220107	0.32	cps
Copper	63-2	195026	193140	192553	193573	0.67	cps
Dysprosium	156-1	57	53	53	54	3.54	cps
Dysprosium	156-2	37	60	53	50	24.03	cps
Erbium	164-1	137	193	130	153	22.70	cps
Erbium	164-2	137	77	90	101	31.16	cps
Gadolinium	160-1	137	137	133	136	1.42	cps
Gadolinium	160-2	400	410	460	423	7.59	cps
Holmium	165-1	16393399	16470126	16627187	16496904	0.72	cps
Holmium	165-2	11438257	11474344	11549242	11487281	0.49	cps
Indium	115-1	14139690	13885883	14006860	14010811	0.91	cps
Indium	115-2	4709501	4709158	4652140	4690266	0.70	cps
Iron	56-2	574458538	579740885	570545325	574914916	0.80	cps
Iron	57-2	14230335	14416383	14123089	14256602	1.04	cps
Iron	54-2	32178719	31892379	31863551	31978216	0.54	cps
Krypton	83-1	417	427	380	408	6.03	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	216457	218535	217935	217642	0.49	cps
Lead	207-1	180029	182198	182306	181511	0.71	cps
Lead	208-1	830656	845465	842836	839652	0.94	cps
Lithium	6-1	2108676	2141193	2130575	2126815	0.78	cps
Magnesium	24-2	66475267	65935116	65616711	66009031	0.66	cps
Manganese	55-2	136223	136580	134798	135867	0.69	cps
Molybdenum	94-1	8069296	7900359	8002074	7990576	1.06	cps
Molybdenum	95-1	14226864	13865677	13836487	13976343	1.56	cps
Molybdenum	96-1	15305322	15189060	14920839	15138407	1.30	cps
Molybdenum	97-1	8633303	8696899	8602021	8644074	0.56	cps
Molybdenum	98-1	22224454	22220542	22158915	22201304	0.17	cps
Neodymium	150-1	57	90	63	70	25.20	cps
Neodymium	150-2	27	37	27	30	19.24	cps
Nickel	60-2	67484	66634	67062	67060	0.63	cps
Phosphorus	31-2	2062930	2028389	2025804	2039041	1.02	cps
Potassium	39-2	80013637	78288851	79120479	79140989	1.09	cps
Rhodium	103-1	13739103	13520931	13311619	13523885	1.58	cps
Rhodium	103-2	8354297	8331261	8201358	8295639	0.99	cps
Scandium	45-1	10474344	10775799	10688927	10646356	1.46	cps
Scandium	45-2	953770	945641	949544	949652	0.43	cps
Selenium	82-1	5124	5149	5549	5274	4.52	cps
Selenium	77-2	470	440	420	443	5.68	cps
Selenium	78-2	2040	1970	1920	1977	3.05	cps
Silicon	28-1	575426	583118	583951	580831	0.81	cps
Silver	107-1	315994	318237	318683	317638	0.45	cps
Silver	109-1	296957	301918	296220	298365	1.04	cps
Sodium	23-2	113097198	113640445	112535938	113091194	0.49	cps
Strontium	86-1	164798	162902	165078	164259	0.72	cps
Strontium	88-1	1411989	1404325	1416770	1411028	0.44	cps
Sulfur	34-1	7077707	7041672	7047192	7055524	0.28	cps
Terbium	159-1	17247932	17334006	17001071	17194336	1.01	cps
Terbium	159-2	11396907	11364760	11326174	11362613	0.31	cps
Thallium	203-1	222333	226812	224667	224604	1.00	cps
Thallium	205-1	527980	533770	531030	530927	0.55	cps
Tin	118-1	3567	3544	3771	3627	3.44	cps
Titanium	47-1	4415216	4396713	4319667	4377199	1.16	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:18:48	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	530	470	473	491	6.87	cps
Vanadium	51-2	126233	125739	126633	126202	0.35	cps
Yttrium	89-1	24410028	23687718	23743602	23947116	1.68	cps
Yttrium	89-2	5855792	5863308	5765724	5828275	0.93	cps
Zinc	66-2	37116	36829	36825	36923	0.45	cps
Zirconium	90-1	1563	1460	1600	1541	4.71	cps
Zirconium	91-1	327	367	470	388	19.07	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18647917	18610576	18736434	18664976	0.35	cps
Antimony	121-1	6316962	6363067	6419100	6366376	0.80	cps
Arsenic	75-2	382198	385502	382521	383407	0.48	cps
Barium	135-1	8207084	8212870	8203271	8207742	0.06	cps
Barium	137-1	14050629	14365236	14262571	14226145	1.13	cps
Beryllium	9-1	1242719	1219534	1266454	1242902	1.89	cps
Bismuth	209-1	9039921	9058881	8931511	9010104	0.76	cps
Bismuth	209-2	7171024	7305740	7315334	7264033	1.11	cps
Bromine	81-1	11511	11491	11164	11389	1.71	cps
Bromine	81-2	137	167	103	136	23.37	cps
Cadmium	108-1	121017	121413	122912	121781	0.82	cps
Cadmium	106-1	178733	182326	183076	181378	1.28	cps
Cadmium	111-1	1711325	1718857	1702937	1711040	0.47	cps
Calcium	43-1	11647232	11566684	11585960	11599959	0.36	cps
Calcium	44-1	183841371	186135191	184417131	184797897	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3355394	3399788	3406175	3387119	0.82	cps
Cobalt	59-2	5310565	5296380	5382692	5329879	0.87	cps
Copper	63-2	36879306	37481480	37862997	37407928	1.33	cps
Dysprosium	156-1	263	243	257	254	4.00	cps
Dysprosium	156-2	500	457	433	463	7.30	cps
Erbium	164-1	340	363	363	356	3.79	cps
Erbium	164-2	220	297	267	261	14.80	cps
Gadolinium	160-1	377	247	330	318	20.72	cps
Gadolinium	160-2	503	550	497	517	5.62	cps
Holmium	165-1	16146075	15995839	16115593	16085836	0.49	cps
Holmium	165-2	11200466	11372528	11453774	11342256	1.14	cps
Indium	115-1	13927666	13616779	13587360	13710602	1.38	cps
Indium	115-2	4560305	4541884	4655490	4585893	1.33	cps
Iron	56-2	705665003	702977883	705707883	704783590	0.22	cps
Iron	57-2	17450091	17684334	17616772	17583733	0.69	cps
Iron	54-2	39200967	39134593	38884064	39073208	0.43	cps
Krypton	83-1	407	380	390	392	3.44	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21791341	21572257	21954736	21772778	0.88	cps
Lead	207-1	19082835	18958230	19117948	19053004	0.44	cps
Lead	208-1	86132765	86390323	87042920	86522003	0.54	cps
Lithium	6-1	2123729	2161828	2184188	2156582	1.42	cps
Magnesium	24-2	170161291	169212677	169647537	169673835	0.28	cps
Manganese	55-2	23391040	23684685	23754950	23610225	0.82	cps
Molybdenum	94-1	26618160	27160427	27597745	27125444	1.81	cps
Molybdenum	95-1	39033031	39839696	39965584	39612771	1.28	cps
Molybdenum	96-1	43229253	43559121	43743114	43510496	0.60	cps
Molybdenum	97-1	23901632	24656010	25008375	24522006	2.31	cps
Molybdenum	98-1	61619459	62611501	63478546	62569835	1.49	cps
Neodymium	150-1	363	367	430	387	9.71	cps
Neodymium	150-2	103	113	110	109	4.67	cps
Nickel	60-2	1294924	1307764	1309796	1304161	0.62	cps
Phosphorus	31-2	204760	204801	204903	204821	0.04	cps
Potassium	39-2	99417015	98934339	97272675	98541343	1.14	cps
Rhodium	103-1	12860994	13225789	13002967	13029917	1.41	cps
Rhodium	103-2	7887583	8072349	7986291	7982074	1.16	cps
Scandium	45-1	10469425	10425435	10390232	10428364	0.38	cps
Scandium	45-2	911194	922216	917095	916835	0.60	cps
Selenium	82-1	116464	118169	119012	117882	1.10	cps
Selenium	77-2	10791	10617	11188	10865	2.69	cps
Selenium	78-2	35048	35172	36191	35470	1.77	cps
Silicon	28-1	23737334	23485691	24306823	23843283	1.76	cps
Silver	107-1	8882969	8852328	9008904	8914733	0.93	cps
Silver	109-1	8422057	8340042	8330322	8364140	0.60	cps
Sodium	23-2	278672129	274606263	275925176	276401189	0.75	cps
Strontium	86-1	57679026	59399036	58961461	58679841	1.52	cps
Strontium	88-1	504726686	512797339	516835459	511453161	1.21	cps
Sulfur	34-1	978597	986454	994210	986420	0.79	cps
Terbium	159-1	16771991	16925625	16805978	16834531	0.48	cps
Terbium	159-2	11302177	11541321	11359822	11401106	1.09	cps
Thallium	203-1	5378019	5303097	5431430	5370849	1.20	cps
Thallium	205-1	12901365	12775509	13056474	12911116	1.09	cps
Tin	118-1	5361355	5478493	5401728	5413859	1.10	cps
Titanium	47-1	11739775	11921409	11804154	11821779	0.78	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:21:52	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16818495	17050319	16992260	16953691	0.71	cps
Vanadium	51-2	3058400	3113286	3099367	3090351	0.92	cps
Yttrium	89-1	23089484	23661537	23456279	23402433	1.24	cps
Yttrium	89-2	5684067	5702847	5725882	5704265	0.37	cps
Zinc	66-2	5714257	5638129	5679264	5677217	0.67	cps
Zirconium	90-1	12385904	12603328	12815449	12601560	1.70	cps
Zirconium	91-1	2795856	2818548	2867484	2827296	1.29	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1203	1170	1137	1170	2.85	cps
Antimony	121-1	3974	4314	4487	4258	6.13	cps
Arsenic	75-2	33	17	17	22	43.28	cps
Barium	135-1	383	337	257	326	19.68	cps
Barium	137-1	720	490	477	562	24.33	cps
Beryllium	9-1	113	89	87	96	15.27	cps
Bismuth	209-1	9883098	9744074	9795168	9807447	0.72	cps
Bismuth	209-2	7965647	8055971	8014347	8011989	0.56	cps
Bromine	81-1	11445	11471	11935	11617	2.37	cps
Bromine	81-2	173	187	190	183	4.81	cps
Cadmium	108-1	10	23	20	18	39.03	cps
Cadmium	106-1	4784	4554	4821	4720	3.06	cps
Cadmium	111-1	3562	3292	3441	3431	3.95	cps
Calcium	43-1	953	913	893	920	3.32	cps
Calcium	44-1	65235	62400	61007	62881	3.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1763	1547	1737	1682	7.02	cps
Cobalt	59-2	183	227	183	198	12.65	cps
Copper	63-2	5331	5324	5161	5272	1.83	cps
Dysprosium	156-1	7	7	10	8	24.71	cps
Dysprosium	156-2	13	20	0	11	91.66	cps
Erbium	164-1	103	110	143	119	18.03	cps
Erbium	164-2	53	80	83	72	22.77	cps
Gadolinium	160-1	67	87	70	74	14.39	cps
Gadolinium	160-2	313	397	370	360	11.82	cps
Holmium	165-1	16558846	16323933	16149106	16343962	1.26	cps
Holmium	165-2	11663754	11802723	11462487	11642988	1.47	cps
Indium	115-1	14550714	14481616	14317714	14450014	0.83	cps
Indium	115-2	4988212	4875305	4932392	4931970	1.14	cps
Iron	56-2	39161	38626	37256	38348	2.56	cps
Iron	57-2	2764	2554	2687	2668	3.98	cps
Iron	54-2	3347	3747	3454	3516	5.89	cps
Krypton	83-1	313	420	417	383	15.82	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2180	2017	1663	1954	13.52	cps
Lead	207-1	1677	1723	1313	1571	14.29	cps
Lead	208-1	8464	7558	6321	7448	14.45	cps
Lithium	6-1	2293857	2290460	2217412	2267243	1.90	cps
Magnesium	24-2	5208	4874	4591	4891	6.31	cps
Manganese	55-2	1070	993	1063	1042	4.07	cps
Molybdenum	94-1	2734	2840	2714	2763	2.47	cps
Molybdenum	95-1	3157	2590	2420	2723	14.17	cps
Molybdenum	96-1	3404	2987	2860	3084	9.22	cps
Molybdenum	97-1	1830	1467	1547	1615	11.83	cps
Molybdenum	98-1	4607	4064	3624	4098	12.02	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	283	290	297	290	2.30	cps
Phosphorus	31-2	250	230	243	241	4.22	cps
Potassium	39-2	124877	123157	122061	123365	1.15	cps
Rhodium	103-1	14268260	14308070	14409761	14328697	0.51	cps
Rhodium	103-2	8792238	8777395	8857927	8809186	0.49	cps
Scandium	45-1	10622514	10539915	10541387	10567939	0.45	cps
Scandium	45-2	931613	938743	930339	933565	0.49	cps
Selenium	82-1	568	472	474	505	10.97	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	520	433	400	451	13.73	cps
Silicon	28-1	409921	405924	404037	406627	0.74	cps
Silver	107-1	1427	1157	1103	1229	14.11	cps
Silver	109-1	1167	1050	923	1047	11.63	cps
Sodium	23-2	97654	96379	94913	96315	1.42	cps
Strontium	86-1	3047	2514	2127	2562	18.03	cps
Strontium	88-1	22427	17294	13336	17686	25.77	cps
Sulfur	34-1	316773	316801	317247	316940	0.08	cps
Terbium	159-1	17100777	16987176	17089530	17059161	0.37	cps
Terbium	159-2	11610664	11518488	11514150	11547767	0.47	cps
Thallium	203-1	1033	923	750	902	15.83	cps
Thallium	205-1	2470	2144	1930	2181	12.47	cps
Tin	118-1	2847	3010	2947	2935	2.81	cps
Titanium	47-1	930	847	890	889	4.69	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:24:36	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	700	580	473	584	19.40	cps
Vanadium	51-2	103	47	93	81	37.29	cps
Yttrium	89-1	24027550	24005380	24109092	24047341	0.23	cps
Yttrium	89-2	6014492	5860536	5871817	5915615	1.45	cps
Zinc	66-2	2850	2877	2730	2819	2.77	cps
Zirconium	90-1	3260	3430	3410	3367	2.76	cps
Zirconium	91-1	763	690	643	699	8.66	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	773	770	777	773	0.43	cps
Antimony	121-1	1023	1100	1290	1138	12.07	cps
Arsenic	75-2	13	3	17	11	62.48	cps
Barium	135-1	73	70	63	69	7.39	cps
Barium	137-1	130	137	123	130	5.13	cps
Beryllium	9-1	61	41	57	53	20.32	cps
Bismuth	209-1	9951029	9929467	10003558	9961351	0.38	cps
Bismuth	209-2	8030310	8115598	8034452	8060120	0.60	cps
Bromine	81-1	11545	11548	11431	11508	0.58	cps
Bromine	81-2	133	120	97	117	15.91	cps
Cadmium	108-1	20	10	17	16	32.73	cps
Cadmium	106-1	4881	4954	5081	4972	2.04	cps
Cadmium	111-1	3443	3508	3578	3510	1.93	cps
Calcium	43-1	637	617	633	629	1.70	cps
Calcium	44-1	57641	57176	57373	57397	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1550	1500	1640	1563	4.54	cps
Cobalt	59-2	157	153	120	143	14.15	cps
Copper	63-2	3340	3424	3284	3349	2.10	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	107	117	140	121	14.12	cps
Erbium	164-2	87	40	87	71	37.89	cps
Gadolinium	160-1	47	57	70	58	20.26	cps
Gadolinium	160-2	337	383	420	380	10.99	cps
Holmium	165-1	16409068	16461987	16327326	16399460	0.41	cps
Holmium	165-2	11526995	11606316	11673514	11602275	0.63	cps
Indium	115-1	14779310	14641107	14741094	14720504	0.48	cps
Indium	115-2	5011024	4925148	5009509	4981894	0.99	cps
Iron	56-2	24099	23719	23655	23825	1.01	cps
Iron	57-2	2250	2450	2440	2380	4.74	cps
Iron	54-2	2874	2700	2750	2775	3.22	cps
Krypton	83-1	413	323	367	368	12.24	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	937	810	790	846	9.41	cps
Lead	207-1	650	710	670	677	4.52	cps
Lead	208-1	3527	3220	3207	3318	5.46	cps
Lithium	6-1	2199541	2270522	2209709	2226591	1.72	cps
Magnesium	24-2	2127	2140	2040	2102	2.58	cps
Manganese	55-2	827	780	833	813	3.57	cps
Molybdenum	94-1	967	957	1037	987	4.42	cps
Molybdenum	95-1	540	573	650	588	9.60	cps
Molybdenum	96-1	603	620	680	634	6.36	cps
Molybdenum	97-1	297	280	370	316	15.17	cps
Molybdenum	98-1	830	813	900	848	5.43	cps
Neodymium	150-1	33	10	27	23	51.50	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	327	230	283	280	17.29	cps
Phosphorus	31-2	257	283	267	269	5.01	cps
Potassium	39-2	115611	114946	115887	115481	0.42	cps
Rhodium	103-1	14442799	14583825	14689937	14572187	0.85	cps
Rhodium	103-2	8951354	9024674	8965337	8980455	0.43	cps
Scandium	45-1	10854964	10819663	10783885	10819504	0.33	cps
Scandium	45-2	959024	949237	944223	950828	0.79	cps
Selenium	82-1	504	653	606	588	12.98	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	427	507	397	443	12.83	cps
Silicon	28-1	394197	392540	394680	393806	0.29	cps
Silver	107-1	377	340	310	342	9.76	cps
Silver	109-1	300	233	270	268	12.47	cps
Sodium	23-2	85418	85411	84812	85214	0.41	cps
Strontium	86-1	863	847	740	817	8.19	cps
Strontium	88-1	2240	1917	1640	1932	15.54	cps
Sulfur	34-1	331352	331668	336056	333025	0.79	cps
Terbium	159-1	17384666	17174552	17016186	17191801	1.08	cps
Terbium	159-2	11727626	11733747	11576959	11679444	0.76	cps
Thallium	203-1	503	533	450	496	8.52	cps
Thallium	205-1	1123	1100	1093	1106	1.43	cps
Tin	118-1	2434	2414	2527	2458	2.46	cps
Titanium	47-1	303	343	363	337	9.07	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BL	Instrumnet Name :	P7
Client Sample ID :	PBS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:27:52	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	97	93	60	83	24.33	cps
Vanadium	51-2	17	53	33	34	53.29	cps
Yttrium	89-1	24512697	24344118	24441963	24432926	0.35	cps
Yttrium	89-2	5877605	6002690	6059046	5979780	1.55	cps
Zinc	66-2	2917	2810	2910	2879	2.08	cps
Zirconium	90-1	1533	1740	1793	1689	8.13	cps
Zirconium	91-1	310	333	373	339	9.45	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15441	15238	14787	15155	2.21	cps
Antimony	121-1	45238	45665	44964	45289	0.78	cps
Arsenic	75-2	1610	1643	1630	1628	1.03	cps
Barium	135-1	54062	53948	54524	54178	0.56	cps
Barium	137-1	94465	93643	94102	94070	0.44	cps
Beryllium	9-1	4273	4290	4394	4319	1.51	cps
Bismuth	209-1	9780120	9737019	9741452	9752864	0.24	cps
Bismuth	209-2	7946542	8029915	7983358	7986605	0.52	cps
Bromine	81-1	11711	11288	11892	11630	2.67	cps
Bromine	81-2	170	153	110	144	21.44	cps
Cadmium	108-1	567	530	547	548	3.35	cps
Cadmium	106-1	5618	5328	5388	5444	2.81	cps
Cadmium	111-1	11525	11627	11241	11464	1.75	cps
Calcium	43-1	40918	41644	41176	41246	0.89	cps
Calcium	44-1	710230	716745	712499	713158	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30484	29993	30300	30259	0.82	cps
Cobalt	59-2	20407	19943	19810	20053	1.56	cps
Copper	63-2	31196	31720	31009	31308	1.18	cps
Dysprosium	156-1	10	23	20	18	39.03	cps
Dysprosium	156-2	10	10	20	13	43.30	cps
Erbium	164-1	120	100	193	138	35.67	cps
Erbium	164-2	80	90	63	78	17.32	cps
Gadolinium	160-1	110	117	97	108	9.45	cps
Gadolinium	160-2	403	353	403	387	7.47	cps
Holmium	165-1	16494223	16504421	16284434	16427693	0.76	cps
Holmium	165-2	11716768	11353751	11519313	11529944	1.58	cps
Indium	115-1	14772650	14725887	14591038	14696525	0.64	cps
Indium	115-2	4915356	5045265	4910581	4957067	1.54	cps
Iron	56-2	2185325	2174975	2184374	2181558	0.26	cps
Iron	57-2	57667	58082	58145	57965	0.45	cps
Iron	54-2	126517	126341	126207	126355	0.12	cps
Krypton	83-1	373	357	357	362	2.66	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14852	15466	15048	15122	2.07	cps
Lead	207-1	13223	13227	13400	13283	0.76	cps
Lead	208-1	60463	60539	60403	60469	0.11	cps
Lithium	6-1	2179420	2181060	2210834	2190438	0.81	cps
Magnesium	24-2	641124	639272	643442	641279	0.33	cps
Manganese	55-2	10260	9973	10003	10079	1.56	cps
Molybdenum	94-1	53648	54166	54518	54111	0.81	cps
Molybdenum	95-1	63802	64160	63778	63913	0.33	cps
Molybdenum	96-1	70733	71457	70851	71013	0.55	cps
Molybdenum	97-1	40559	39650	39403	39871	1.53	cps
Molybdenum	98-1	101473	102339	101110	101641	0.62	cps
Neodymium	150-1	23	17	13	18	28.64	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	5378	5604	5504	5496	2.07	cps
Phosphorus	31-2	283	287	273	281	2.47	cps
Potassium	39-2	870734	878123	872961	873939	0.43	cps
Rhodium	103-1	14304386	14708517	14372109	14461671	1.50	cps
Rhodium	103-2	8766166	9051044	8757797	8858336	1.88	cps
Scandium	45-1	10725307	10574067	10692528	10663967	0.75	cps
Scandium	45-2	963635	959568	952735	958646	0.57	cps
Selenium	82-1	2722	3003	2919	2881	5.01	cps
Selenium	77-2	243	233	193	223	11.85	cps
Selenium	78-2	1217	1217	1213	1216	0.16	cps
Silicon	28-1	549931	552449	557920	553433	0.74	cps
Silver	107-1	28602	29911	29644	29385	2.35	cps
Silver	109-1	27496	27550	27920	27655	0.84	cps
Sodium	23-2	1075367	1073097	1104066	1084176	1.59	cps
Strontium	86-1	9256	9320	9273	9283	0.35	cps
Strontium	88-1	75449	75951	76749	76050	0.86	cps
Sulfur	34-1	339377	338499	339394	339090	0.15	cps
Terbium	159-1	17188221	17227258	16922264	17112581	0.97	cps
Terbium	159-2	11702990	11547404	11431269	11560554	1.18	cps
Thallium	203-1	17885	17715	17812	17804	0.48	cps
Thallium	205-1	42065	42078	41453	41865	0.85	cps
Tin	118-1	2487	2377	2424	2429	2.27	cps
Titanium	47-1	20227	20397	20230	20285	0.48	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BS	Instrumnet Name :	P7
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:31:12	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51593	52055	52111	51920	0.55	cps
Vanadium	51-2	57262	56188	56080	56510	1.16	cps
Yttrium	89-1	24432622	24358806	24588143	24459857	0.48	cps
Yttrium	89-2	6003374	5915197	5934857	5951143	0.78	cps
Zinc	66-2	13616	13857	13987	13820	1.36	cps
Zirconium	90-1	46905	48396	46925	47408	1.80	cps
Zirconium	91-1	10314	10524	10447	10428	1.02	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8626	8876	9109	8870	2.73	cps
Antimony	121-1	26568	26715	26608	26630	0.29	cps
Arsenic	75-2	947	933	940	940	0.71	cps
Barium	135-1	32009	32263	31739	32004	0.82	cps
Barium	137-1	54136	54384	54839	54453	0.65	cps
Beryllium	9-1	2410	2530	2534	2492	2.83	cps
Bismuth	209-1	9798997	9790006	9846698	9811901	0.31	cps
Bismuth	209-2	7876884	8002672	8063360	7980972	1.19	cps
Bromine	81-1	11581	11895	11912	11796	1.58	cps
Bromine	81-2	153	120	107	127	18.98	cps
Cadmium	108-1	327	387	350	354	8.53	cps
Cadmium	106-1	5411	5441	5294	5382	1.44	cps
Cadmium	111-1	8080	8039	7725	7948	2.44	cps
Calcium	43-1	24006	24790	24570	24455	1.65	cps
Calcium	44-1	440924	448685	444086	444565	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18842	19109	18171	18707	2.58	cps
Cobalt	59-2	11825	11788	11571	11728	1.17	cps
Copper	63-2	19636	19323	18755	19238	2.32	cps
Dysprosium	156-1	7	30	23	20	60.08	cps
Dysprosium	156-2	7	10	20	12	56.76	cps
Erbium	164-1	133	117	153	134	13.66	cps
Erbium	164-2	60	117	83	87	32.86	cps
Gadolinium	160-1	93	60	63	72	25.42	cps
Gadolinium	160-2	353	397	387	379	5.99	cps
Holmium	165-1	16548704	16583914	16148229	16426949	1.47	cps
Holmium	165-2	11515272	11510430	11629917	11551873	0.59	cps
Indium	115-1	14716129	14725726	14647914	14696589	0.29	cps
Indium	115-2	5010408	5002735	4980894	4998012	0.31	cps
Iron	56-2	1340134	1338904	1322735	1333924	0.73	cps
Iron	57-2	35158	35345	35058	35187	0.41	cps
Iron	54-2	76493	75625	76181	76100	0.58	cps
Krypton	83-1	353	343	400	366	8.27	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12035	11935	11795	11922	1.01	cps
Lead	207-1	10030	10311	9810	10050	2.50	cps
Lead	208-1	46468	46862	45717	46349	1.25	cps
Lithium	6-1	2286153	2230869	2234673	2250565	1.37	cps
Magnesium	24-2	387429	384698	381971	384699	0.71	cps
Manganese	55-2	6375	6305	6441	6374	1.07	cps
Molybdenum	94-1	31861	31487	32443	31930	1.51	cps
Molybdenum	95-1	37739	38049	37491	37760	0.74	cps
Molybdenum	96-1	41709	42301	42682	42231	1.16	cps
Molybdenum	97-1	23836	23052	24237	23708	2.54	cps
Molybdenum	98-1	59363	60739	60458	60187	1.21	cps
Neodymium	150-1	17	20	13	17	20.01	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	3380	3677	3464	3507	4.36	cps
Phosphorus	31-2	353	393	407	384	7.22	cps
Potassium	39-2	578126	576256	573898	576093	0.37	cps
Rhodium	103-1	14566438	14641846	14509908	14572731	0.45	cps
Rhodium	103-2	8972460	8989847	8792571	8918293	1.22	cps
Scandium	45-1	10707369	10837461	10675613	10740147	0.80	cps
Scandium	45-2	968339	961530	949253	959707	1.01	cps
Selenium	82-1	2015	2052	1906	1991	3.83	cps
Selenium	77-2	120	143	117	127	11.47	cps
Selenium	78-2	887	953	923	921	3.63	cps
Silicon	28-1	492436	489465	488374	490091	0.43	cps
Silver	107-1	17187	17494	17401	17360	0.91	cps
Silver	109-1	16186	16880	16636	16567	2.13	cps
Sodium	23-2	710050	698392	696033	701492	1.07	cps
Strontium	86-1	5374	5601	5521	5499	2.09	cps
Strontium	88-1	44397	45132	45771	45100	1.52	cps
Sulfur	34-1	343793	342893	344734	343807	0.27	cps
Terbium	159-1	17238807	17185743	17225231	17216594	0.16	cps
Terbium	159-2	11755641	11661512	11641514	11686222	0.52	cps
Thallium	203-1	10588	10771	10501	10620	1.30	cps
Thallium	205-1	24512	24662	24829	24668	0.64	cps
Tin	118-1	2380	2284	2304	2322	2.20	cps
Titanium	47-1	11931	12008	11965	11968	0.32	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164027BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD027	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:34:28	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30351	30461	30482	30431	0.23	cps
Vanadium	51-2	33791	32789	33140	33240	1.53	cps
Yttrium	89-1	24502541	24258696	24276970	24346069	0.56	cps
Yttrium	89-2	5974716	6023605	5919256	5972526	0.87	cps
Zinc	66-2	10297	10110	9873	10093	2.10	cps
Zirconium	90-1	28140	27836	28658	28212	1.47	cps
Zirconium	91-1	6348	6305	6165	6273	1.53	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4351	4624	4381	4452	3.37	cps
Antimony	121-1	310	327	340	326	4.62	cps
Arsenic	75-2	10	0	10	7	86.60	cps
Barium	135-1	43	47	40	43	7.70	cps
Barium	137-1	113	110	87	103	14.06	cps
Beryllium	9-1	24	40	24	29	33.01	cps
Bismuth	209-1	10111760	9800329	9920768	9944286	1.58	cps
Bismuth	209-2	8045482	7401892	7737215	7728196	4.17	cps
Bromine	81-1	11892	11615	11978	11828	1.61	cps
Bromine	81-2	147	120	120	129	11.95	cps
Cadmium	108-1	0	33	23	19	90.56	cps
Cadmium	106-1	5044	4821	4594	4820	4.67	cps
Cadmium	111-1	3558	3355	3216	3376	5.09	cps
Calcium	43-1	567	630	563	587	6.40	cps
Calcium	44-1	55165	54989	55034	55063	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1547	1477	1537	1520	2.49	cps
Cobalt	59-2	143	123	117	128	10.86	cps
Copper	63-2	2584	2534	2450	2522	2.67	cps
Dysprosium	156-1	3	23	10	12	83.33	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	143	120	113	126	12.55	cps
Erbium	164-2	37	23	77	46	60.93	cps
Gadolinium	160-1	87	70	83	80	11.02	cps
Gadolinium	160-2	397	360	403	387	6.03	cps
Holmium	165-1	16683251	16257822	16234946	16392006	1.54	cps
Holmium	165-2	11402457	10657017	11282017	11113831	3.60	cps
Indium	115-1	14578317	14623695	14614722	14605578	0.16	cps
Indium	115-2	4950492	4676258	4807909	4811553	2.85	cps
Iron	56-2	22600	21335	22597	22178	3.29	cps
Iron	57-2	2304	2377	2414	2365	2.37	cps
Iron	54-2	2620	2804	2900	2775	5.13	cps
Krypton	83-1	387	387	320	364	10.56	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	597	553	550	567	4.59	cps
Lead	207-1	493	500	443	479	6.47	cps
Lead	208-1	2407	2217	2247	2290	4.46	cps
Lithium	6-1	2238337	2233055	2195438	2222276	1.05	cps
Magnesium	24-2	1697	1693	1597	1662	3.42	cps
Manganese	55-2	1130	1170	997	1099	8.26	cps
Molybdenum	94-1	637	653	650	647	1.36	cps
Molybdenum	95-1	213	263	273	250	12.86	cps
Molybdenum	96-1	380	333	290	334	13.46	cps
Molybdenum	97-1	173	180	147	167	10.58	cps
Molybdenum	98-1	273	320	387	327	17.44	cps
Neodymium	150-1	7	27	23	19	56.72	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	317	227	327	290	18.99	cps
Phosphorus	31-2	230	207	287	241	17.06	cps
Potassium	39-2	110111	109514	109926	109850	0.28	cps
Rhodium	103-1	14548840	14598177	14539226	14562081	0.22	cps
Rhodium	103-2	8952442	8276187	8759008	8662545	4.02	cps
Scandium	45-1	10967987	10679929	10747897	10798604	1.39	cps
Scandium	45-2	955371	901558	931974	929634	2.90	cps
Selenium	82-1	569	562	663	598	9.44	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	490	497	607	531	12.34	cps
Silicon	28-1	396816	399473	397968	398086	0.33	cps
Silver	107-1	333	280	280	298	10.34	cps
Silver	109-1	230	243	230	234	3.29	cps
Sodium	23-2	80231	80090	79199	79840	0.70	cps
Strontium	86-1	647	740	627	671	9.01	cps
Strontium	88-1	823	717	763	768	6.97	cps
Sulfur	34-1	347225	346314	346370	346636	0.15	cps
Terbium	159-1	17268193	17145147	17003249	17138863	0.77	cps
Terbium	159-2	11602327	10709706	11269317	11193783	4.03	cps
Thallium	203-1	300	283	277	287	4.19	cps
Thallium	205-1	573	690	680	648	9.98	cps
Tin	118-1	2124	2214	2184	2174	2.11	cps
Titanium	47-1	300	283	243	276	10.57	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BL	Instrumnet Name :	P7
Client Sample ID :	PBS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:37:47	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	23	47	37	32.79	cps
Vanadium	51-2	47	27	10	28	66.09	cps
Yttrium	89-1	24251670	24436160	24200580	24296137	0.51	cps
Yttrium	89-2	6061817	5529687	5866666	5819390	4.63	cps
Zinc	66-2	2837	2614	2924	2791	5.73	cps
Zirconium	90-1	1287	1473	1313	1358	7.44	cps
Zirconium	91-1	300	283	277	287	4.19	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14424	14317	14360	14367	0.37	cps
Antimony	121-1	43415	44973	43920	44103	1.80	cps
Arsenic	75-2	1497	1603	1450	1517	5.18	cps
Barium	135-1	53343	52981	53065	53130	0.36	cps
Barium	137-1	91623	92102	91998	91908	0.27	cps
Beryllium	9-1	4176	4180	4006	4121	2.40	cps
Bismuth	209-1	9867073	9970654	9715874	9851200	1.30	cps
Bismuth	209-2	7945251	8028687	7954305	7976081	0.57	cps
Bromine	81-1	11768	11768	11751	11763	0.08	cps
Bromine	81-2	103	127	130	120	12.11	cps
Cadmium	108-1	500	503	670	558	17.43	cps
Cadmium	106-1	5888	5304	5308	5500	6.11	cps
Cadmium	111-1	11440	11290	11272	11334	0.82	cps
Calcium	43-1	40982	40738	40337	40686	0.80	cps
Calcium	44-1	702560	698650	702980	701397	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29499	29616	30444	29853	1.73	cps
Cobalt	59-2	19656	19560	19666	19627	0.30	cps
Copper	63-2	30555	30398	29994	30315	0.95	cps
Dysprosium	156-1	13	33	27	24	41.66	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	173	97	90	120	38.59	cps
Erbium	164-2	70	70	67	69	2.79	cps
Gadolinium	160-1	77	113	113	101	20.94	cps
Gadolinium	160-2	343	353	353	350	1.65	cps
Holmium	165-1	16322179	16246670	16308873	16292574	0.25	cps
Holmium	165-2	11474687	11416964	11446169	11445940	0.25	cps
Indium	115-1	14540993	14524004	14698761	14587919	0.66	cps
Indium	115-2	4997876	4958715	4952547	4969712	0.49	cps
Iron	56-2	2160699	2132254	2115479	2136144	1.07	cps
Iron	57-2	57720	56967	57580	57422	0.70	cps
Iron	54-2	125528	125404	125329	125420	0.08	cps
Krypton	83-1	353	420	420	398	9.68	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14668	14665	14625	14652	0.16	cps
Lead	207-1	12933	12950	12686	12856	1.15	cps
Lead	208-1	58650	58329	58336	58438	0.31	cps
Lithium	6-1	2192384	2179078	2120397	2163953	1.77	cps
Magnesium	24-2	637733	640302	645218	641084	0.59	cps
Manganese	55-2	10060	9880	10357	10099	2.38	cps
Molybdenum	94-1	53216	52791	52852	52953	0.43	cps
Molybdenum	95-1	62018	64016	63018	63017	1.59	cps
Molybdenum	96-1	69065	69645	70466	69725	1.01	cps
Molybdenum	97-1	38882	39700	38945	39176	1.16	cps
Molybdenum	98-1	99305	99469	99180	99318	0.15	cps
Neodymium	150-1	13	3	20	12	68.66	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	5534	5471	5448	5484	0.82	cps
Phosphorus	31-2	247	263	267	259	4.14	cps
Potassium	39-2	868800	857354	859305	861820	0.71	cps
Rhodium	103-1	14615494	14804734	14572877	14664368	0.84	cps
Rhodium	103-2	8851312	8854505	8929528	8878448	0.50	cps
Scandium	45-1	10780802	10657310	10641783	10693298	0.71	cps
Scandium	45-2	971503	966252	958743	965499	0.66	cps
Selenium	82-1	2777	2775	2806	2786	0.62	cps
Selenium	77-2	200	290	193	228	23.70	cps
Selenium	78-2	1087	1090	1217	1131	6.55	cps
Silicon	28-1	555062	558036	556338	556479	0.27	cps
Silver	107-1	28802	29584	29537	29307	1.50	cps
Silver	109-1	27389	27252	27683	27442	0.80	cps
Sodium	23-2	1077293	1068940	1115722	1087318	2.29	cps
Strontium	86-1	8796	9236	9023	9018	2.44	cps
Strontium	88-1	73643	75148	74796	74529	1.06	cps
Sulfur	34-1	353962	355170	353268	354133	0.27	cps
Terbium	159-1	17009371	17099106	17142593	17083690	0.40	cps
Terbium	159-2	11562726	11535162	11738573	11612154	0.95	cps
Thallium	203-1	17378	17358	17518	17418	0.50	cps
Thallium	205-1	40855	40871	40991	40906	0.18	cps
Tin	118-1	2274	2490	2490	2418	5.17	cps
Titanium	47-1	20394	20337	19950	20227	1.19	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BS	Instrumnet Name :	P7
Client Sample ID :	LCS032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:41:04	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50679	50234	50238	50384	0.51	cps
Vanadium	51-2	56355	55087	55170	55537	1.28	cps
Yttrium	89-1	24642364	24297299	24544161	24494608	0.73	cps
Yttrium	89-2	5974504	6069919	5983372	6009265	0.88	cps
Zinc	66-2	13750	13963	13520	13744	1.61	cps
Zirconium	90-1	46109	46831	45962	46301	1.01	cps
Zirconium	91-1	10420	9810	10474	10235	3.60	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9116	8976	8749	8947	2.07	cps
Antimony	121-1	26528	26618	27369	26838	1.72	cps
Arsenic	75-2	843	843	910	866	4.45	cps
Barium	135-1	31866	31498	31996	31787	0.81	cps
Barium	137-1	53959	54671	53992	54207	0.74	cps
Beryllium	9-1	2567	2350	2487	2468	4.44	cps
Bismuth	209-1	9782306	9847364	9684053	9771241	0.84	cps
Bismuth	209-2	7830119	7972619	8011517	7938085	1.20	cps
Bromine	81-1	11885	11688	11765	11779	0.84	cps
Bromine	81-2	103	167	167	146	25.12	cps
Cadmium	108-1	350	303	330	328	7.14	cps
Cadmium	106-1	5424	5511	4941	5292	5.81	cps
Cadmium	111-1	7589	7686	7318	7531	2.53	cps
Calcium	43-1	24183	24720	24810	24571	1.38	cps
Calcium	44-1	437588	440535	440129	439417	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18738	18258	18552	18516	1.31	cps
Cobalt	59-2	11731	11608	11985	11775	1.63	cps
Copper	63-2	19353	19096	18932	19127	1.11	cps
Dysprosium	156-1	10	17	27	18	47.19	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	140	140	127	136	5.68	cps
Erbium	164-2	83	73	83	80	7.22	cps
Gadolinium	160-1	117	97	100	104	10.26	cps
Gadolinium	160-2	413	413	390	406	3.32	cps
Holmium	165-1	16335561	16360038	16288666	16328088	0.22	cps
Holmium	165-2	11439916	11404039	11527186	11457047	0.55	cps
Indium	115-1	14508970	14680204	14561648	14583607	0.60	cps
Indium	115-2	4959083	4983637	4946626	4963116	0.38	cps
Iron	56-2	1340845	1341952	1339544	1340780	0.09	cps
Iron	57-2	35449	35302	35502	35417	0.29	cps
Iron	54-2	76798	77294	75049	76380	1.54	cps
Krypton	83-1	337	347	383	356	6.91	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8836	9133	8856	8942	1.86	cps
Lead	207-1	7996	7932	7952	7960	0.41	cps
Lead	208-1	36570	35825	35655	36017	1.35	cps
Lithium	6-1	2177267	2193091	2209677	2193345	0.74	cps
Magnesium	24-2	386931	380779	384218	383976	0.80	cps
Manganese	55-2	6421	6165	6478	6355	2.63	cps
Molybdenum	94-1	31053	31474	31320	31282	0.68	cps
Molybdenum	95-1	37618	37531	37067	37405	0.79	cps
Molybdenum	96-1	42318	42181	41669	42056	0.81	cps
Molybdenum	97-1	23536	22584	22838	22986	2.14	cps
Molybdenum	98-1	58242	60873	58841	59319	2.32	cps
Neodymium	150-1	37	10	23	23	57.15	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	3230	3274	3430	3312	3.18	cps
Phosphorus	31-2	353	257	250	287	20.17	cps
Potassium	39-2	562290	559560	562038	561296	0.27	cps
Rhodium	103-1	14469309	14619336	14430096	14506247	0.69	cps
Rhodium	103-2	8869857	9019972	8860102	8916644	1.01	cps
Scandium	45-1	10853661	10921432	10803154	10859416	0.55	cps
Scandium	45-2	964900	964546	970153	966533	0.32	cps
Selenium	82-1	1949	1954	1902	1935	1.47	cps
Selenium	77-2	130	137	157	141	9.84	cps
Selenium	78-2	983	877	827	896	8.94	cps
Silicon	28-1	490415	493828	488820	491021	0.52	cps
Silver	107-1	16803	17487	17651	17314	2.60	cps
Silver	109-1	16109	16403	16509	16340	1.27	cps
Sodium	23-2	704639	701199	702075	702638	0.25	cps
Strontium	86-1	5658	5755	5698	5703	0.85	cps
Strontium	88-1	44544	43952	45042	44513	1.23	cps
Sulfur	34-1	358302	363054	357356	359571	0.85	cps
Terbium	159-1	17450573	17137411	17142481	17243488	1.04	cps
Terbium	159-2	11529247	11666169	11268772	11488063	1.76	cps
Thallium	203-1	10754	10451	10354	10520	1.99	cps
Thallium	205-1	24562	24372	25070	24668	1.46	cps
Tin	118-1	2087	2164	2074	2108	2.30	cps
Titanium	47-1	12308	12098	12132	12179	0.93	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	PB164032BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD032	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:44:22	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30081	30107	29810	29999	0.55	cps
Vanadium	51-2	33313	33988	32772	33358	1.83	cps
Yttrium	89-1	24425759	24428628	24151120	24335169	0.66	cps
Yttrium	89-2	6059763	6033990	5955561	6016438	0.90	cps
Zinc	66-2	9113	9343	9320	9259	1.37	cps
Zirconium	90-1	27790	27890	27933	27871	0.26	cps
Zirconium	91-1	6208	6321	6041	6190	2.28	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30707865	30125943	30245998	30359935	1.01	cps
Antimony	121-1	11318	11555	11365	11412	1.10	cps
Arsenic	75-2	62913	62946	62759	62872	0.16	cps
Barium	135-1	854316	865460	864643	861473	0.72	cps
Barium	137-1	1474166	1492213	1493369	1486583	0.72	cps
Beryllium	9-1	2787	2880	2911	2859	2.26	cps
Bismuth	209-1	9435536	9361404	9376284	9391075	0.42	cps
Bismuth	209-2	7481831	7601312	7737798	7606980	1.68	cps
Bromine	81-1	26260	27542	27893	27232	3.16	cps
Bromine	81-2	3067	3074	3290	3144	4.04	cps
Cadmium	108-1	680	577	690	649	9.67	cps
Cadmium	106-1	5414	5258	4854	5175	5.58	cps
Cadmium	111-1	3971	4010	3635	3872	5.32	cps
Calcium	43-1	842861	849142	840165	844056	0.55	cps
Calcium	44-1	12869369	12808259	12873259	12850295	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3180316	3130806	3154978	3155367	0.78	cps
Cobalt	59-2	1245781	1237440	1246791	1243337	0.41	cps
Copper	63-2	2693350	2690300	2698629	2694093	0.16	cps
Dysprosium	156-1	29959	29778	29721	29819	0.42	cps
Dysprosium	156-2	24138	24578	24251	24322	0.94	cps
Erbium	164-1	32591	32949	33470	33003	1.34	cps
Erbium	164-2	22348	22495	22792	22545	1.00	cps
Gadolinium	160-1	30961	31168	30837	30989	0.54	cps
Gadolinium	160-2	23500	23673	22742	23305	2.13	cps
Holmium	165-1	16707785	16500437	16501753	16569991	0.72	cps
Holmium	165-2	11431414	11263907	11451201	11382174	0.90	cps
Indium	115-1	14462723	14481966	14166899	14370529	1.23	cps
Indium	115-2	4747222	4811307	4826141	4794890	0.87	cps
Iron	56-2	823758734	821624441	827114281	824165819	0.34	cps
Iron	57-2	20029455	20299578	20451063	20260032	1.05	cps
Iron	54-2	45366203	45495038	45876471	45579237	0.58	cps
Krypton	83-1	410	477	410	432	8.91	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67396	68960	68337	68231	1.15	cps
Lead	207-1	55697	56664	55981	56114	0.89	cps
Lead	208-1	259682	264453	262439	262191	0.91	cps
Lithium	6-1	1991336	1989461	1991336	1990711	0.05	cps
Magnesium	24-2	28839593	28776245	28744465	28786768	0.17	cps
Manganese	55-2	11350801	11372809	11412461	11378690	0.27	cps
Molybdenum	94-1	65523	66691	65844	66019	0.91	cps
Molybdenum	95-1	8419	8399	8626	8481	1.48	cps
Molybdenum	96-1	25793	25863	26267	25974	0.99	cps
Molybdenum	97-1	5244	5311	5371	5309	1.19	cps
Molybdenum	98-1	13353	13259	12676	13096	2.80	cps
Neodymium	150-1	48694	49834	48236	48921	1.68	cps
Neodymium	150-2	28041	27821	28856	28239	1.93	cps
Nickel	60-2	605050	604077	599292	602806	0.51	cps
Phosphorus	31-2	11111	10744	10814	10890	1.79	cps
Potassium	39-2	1235846	1223836	1242925	1234202	0.78	cps
Rhodium	103-1	14142814	13843531	13873445	13953263	1.18	cps
Rhodium	103-2	8675406	8465357	8480411	8540391	1.37	cps
Scandium	45-1	11913764	11745077	11724420	11794420	0.88	cps
Scandium	45-2	1052644	1049530	1036718	1046297	0.81	cps
Selenium	82-1	846	743	747	778	7.50	cps
Selenium	77-2	190	130	167	162	18.64	cps
Selenium	78-2	637	760	737	711	9.21	cps
Silicon	28-1	60138229	58819156	61039732	59999039	1.86	cps
Silver	107-1	2790	2480	2267	2512	10.48	cps
Silver	109-1	2617	2150	2004	2257	14.19	cps
Sodium	23-2	368814	365698	366131	366881	0.46	cps
Strontium	86-1	282202	288102	288684	286329	1.25	cps
Strontium	88-1	2488722	2566558	2569276	2541519	1.80	cps
Sulfur	34-1	311890	296579	285077	297849	4.52	cps
Terbium	159-1	16961376	17141523	17345497	17149466	1.12	cps
Terbium	159-2	11503147	11315208	11665361	11494572	1.52	cps
Thallium	203-1	2327	2224	2250	2267	2.37	cps
Thallium	205-1	5104	5528	5645	5426	5.24	cps
Tin	118-1	30776	41514	30516	34269	18.31	cps
Titanium	47-1	7909725	8117357	8056491	8027858	1.33	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-05	Instrumnet Name :	P7
Client Sample ID :	MYD0T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:51:07	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15870	15609	15529	15669	1.14	cps
Vanadium	51-2	1682838	1684454	1700655	1689315	0.58	cps
Yttrium	89-1	25047028	25067667	25164387	25093027	0.25	cps
Yttrium	89-2	6062013	5975987	6156467	6064822	1.49	cps
Zinc	66-2	186182	187009	187512	186901	0.36	cps
Zirconium	90-1	166854	170502	170073	169143	1.18	cps
Zirconium	91-1	36586	37230	38270	37362	2.27	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29010098	28965675	28602752	28859508	0.77	cps
Antimony	121-1	12349	12102	12299	12250	1.07	cps
Arsenic	75-2	68591	67734	67211	67845	1.03	cps
Barium	135-1	1053249	1051482	1049782	1051504	0.16	cps
Barium	137-1	1876847	1924113	1902209	1901056	1.24	cps
Beryllium	9-1	3397	3378	3516	3431	2.17	cps
Bismuth	209-1	9595477	9588588	9571272	9585112	0.13	cps
Bismuth	209-2	7604351	7683728	7615985	7634688	0.56	cps
Bromine	81-1	23051	23712	23900	23555	1.89	cps
Bromine	81-2	2537	2364	2370	2424	4.05	cps
Cadmium	108-1	580	590	617	596	3.18	cps
Cadmium	106-1	5901	5308	5548	5586	5.35	cps
Cadmium	111-1	6432	5806	6069	6102	5.15	cps
Calcium	43-1	664351	664765	670268	666461	0.50	cps
Calcium	44-1	10274266	10203565	10099594	10192475	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2601334	2607751	2545345	2584810	1.33	cps
Cobalt	59-2	1080980	1074228	1068553	1074587	0.58	cps
Copper	63-2	2414862	2384875	2382070	2393936	0.76	cps
Dysprosium	156-1	46273	47122	47192	46862	1.09	cps
Dysprosium	156-2	37410	37466	36828	37235	0.95	cps
Erbium	164-1	45685	46504	45982	46057	0.90	cps
Erbium	164-2	32043	30724	31476	31414	2.11	cps
Gadolinium	160-1	46400	46437	47082	46640	0.82	cps
Gadolinium	160-2	33650	34265	34345	34087	1.12	cps
Holmium	165-1	16819418	16691830	16477390	16662879	1.04	cps
Holmium	165-2	11426572	11573967	11447045	11482528	0.70	cps
Indium	115-1	14721620	14283914	14404569	14470034	1.56	cps
Indium	115-2	4861796	4826022	4827247	4838355	0.42	cps
Iron	56-2	789596628	758424602	775678415	774566548	2.02	cps
Iron	57-2	19207858	18915654	18940679	19021397	0.85	cps
Iron	54-2	42921029	43058749	43312673	43097484	0.46	cps
Krypton	83-1	510	530	427	489	11.21	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	172338	173296	172230	172621	0.34	cps
Lead	207-1	142902	145294	147481	145226	1.58	cps
Lead	208-1	669012	674769	674104	672628	0.47	cps
Lithium	6-1	2088084	2008468	2033656	2043403	1.99	cps
Magnesium	24-2	27761543	27716885	27876319	27784916	0.30	cps
Manganese	55-2	11344502	11153484	11271450	11256479	0.86	cps
Molybdenum	94-1	58436	60521	60538	59832	2.02	cps
Molybdenum	95-1	6885	6792	6518	6732	2.83	cps
Molybdenum	96-1	22401	22718	22544	22554	0.70	cps
Molybdenum	97-1	4117	4317	4301	4245	2.61	cps
Molybdenum	98-1	10591	10327	10210	10376	1.88	cps
Neodymium	150-1	77505	79211	77827	78181	1.16	cps
Neodymium	150-2	45042	44383	44353	44593	0.87	cps
Nickel	60-2	581534	573359	568150	574348	1.17	cps
Phosphorus	31-2	16045	15588	15318	15650	2.35	cps
Potassium	39-2	1844419	1851815	1842260	1846165	0.27	cps
Rhodium	103-1	13896044	13956187	13996682	13949638	0.36	cps
Rhodium	103-2	8587418	8650720	8609700	8615946	0.37	cps
Scandium	45-1	11828601	11599584	11673466	11700550	1.00	cps
Scandium	45-2	1049021	1058448	1043338	1050269	0.73	cps
Selenium	82-1	866	835	974	892	8.19	cps
Selenium	77-2	270	237	267	258	7.12	cps
Selenium	78-2	703	720	673	699	3.38	cps
Silicon	28-1	63409374	64247752	62676272	63444466	1.24	cps
Silver	107-1	8009	8379	8476	8288	2.97	cps
Silver	109-1	7822	8156	8186	8055	2.51	cps
Sodium	23-2	309447	309821	314098	311122	0.83	cps
Strontium	86-1	284475	288842	290259	287858	1.05	cps
Strontium	88-1	2523698	2582897	2563153	2556583	1.18	cps
Sulfur	34-1	277059	276031	275784	276291	0.24	cps
Terbium	159-1	17635264	17354023	17358285	17449190	0.92	cps
Terbium	159-2	11409769	11415928	11388326	11404674	0.13	cps
Thallium	203-1	2674	3024	3227	2975	9.41	cps
Thallium	205-1	6592	7039	7462	7031	6.19	cps
Tin	118-1	32376	33018	32553	32649	1.01	cps
Titanium	47-1	4660677	4673683	4642358	4658906	0.34	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-06	Instrumnet Name :	P7
Client Sample ID :	MYD0T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:54:13	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26102	26583	25929	26205	1.29	cps
Vanadium	51-2	1843614	1816789	1785434	1815279	1.60	cps
Yttrium	89-1	25423475	25462907	25747428	25544604	0.69	cps
Yttrium	89-2	6179257	6089759	6178849	6149288	0.84	cps
Zinc	66-2	201923	200819	202704	201815	0.47	cps
Zirconium	90-1	152716	156380	153389	154161	1.27	cps
Zirconium	91-1	34855	35055	35082	34997	0.35	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19032040	18970759	19006138	19002979	0.16	cps
Antimony	121-1	21753	22167	22214	22045	1.15	cps
Arsenic	75-2	142961	144186	142991	143379	0.49	cps
Barium	135-1	2014998	2032563	1983019	2010194	1.25	cps
Barium	137-1	3384267	3486821	3494891	3455326	1.78	cps
Beryllium	9-1	5060	5147	4998	5068	1.47	cps
Bismuth	209-1	9769944	9628443	9743658	9714015	0.77	cps
Bismuth	209-2	7600438	7671095	7613550	7628361	0.49	cps
Bromine	81-1	18231	19189	18385	18602	2.77	cps
Bromine	81-2	1527	1570	1567	1555	1.55	cps
Cadmium	108-1	700	717	740	719	2.80	cps
Cadmium	106-1	6635	6698	6218	6517	4.00	cps
Cadmium	111-1	9075	9411	8896	9127	2.87	cps
Calcium	43-1	4981669	5074186	4999851	5018569	0.98	cps
Calcium	44-1	80202384	82087877	81879665	81389975	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	787921	778211	773255	779796	0.96	cps
Cobalt	59-2	622550	620985	611018	618184	1.01	cps
Copper	63-2	3438591	3378339	3334605	3383845	1.54	cps
Dysprosium	156-1	102813	105456	104418	104229	1.28	cps
Dysprosium	156-2	84522	86635	85458	85538	1.24	cps
Erbium	164-1	81019	81968	82478	81822	0.90	cps
Erbium	164-2	55379	55881	55670	55644	0.45	cps
Gadolinium	160-1	94133	96264	96338	95579	1.31	cps
Gadolinium	160-2	69254	69823	69662	69580	0.42	cps
Holmium	165-1	16685196	16824832	16898663	16802897	0.65	cps
Holmium	165-2	11468968	11518742	11511517	11499742	0.23	cps
Indium	115-1	14618375	14466310	14470904	14518529	0.60	cps
Indium	115-2	4899979	4828975	4820170	4849708	0.90	cps
Iron	56-2	651141284	653560764	641199017	648633688	1.01	cps
Iron	57-2	16322169	16343790	16073604	16246521	0.92	cps
Iron	54-2	35633164	36399748	36049272	36027394	1.07	cps
Krypton	83-1	527	517	567	537	4.93	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	860154	875190	874777	870040	0.98	cps
Lead	207-1	744352	759550	758986	754296	1.14	cps
Lead	208-1	3612232	3641682	3668524	3640813	0.77	cps
Lithium	6-1	2038735	1927384	1948727	1971615	3.00	cps
Magnesium	24-2	17251919	17375530	17310790	17312746	0.36	cps
Manganese	55-2	27512037	28037465	28093600	27881034	1.15	cps
Molybdenum	94-1	144536	148804	147013	146785	1.46	cps
Molybdenum	95-1	8599	8996	8606	8734	2.60	cps
Molybdenum	96-1	37234	38106	37104	37481	1.45	cps
Molybdenum	97-1	4691	5264	5021	4992	5.77	cps
Molybdenum	98-1	12595	12629	12646	12623	0.20	cps
Neodymium	150-1	194231	198560	200449	197747	1.61	cps
Neodymium	150-2	113853	113970	113755	113859	0.09	cps
Nickel	60-2	316643	317350	313962	315985	0.57	cps
Phosphorus	31-2	65700	67156	65991	66283	1.16	cps
Potassium	39-2	8169383	8202451	8220820	8197551	0.32	cps
Rhodium	103-1	14247154	14138375	14163429	14182986	0.40	cps
Rhodium	103-2	8596506	8601208	8630087	8609267	0.21	cps
Scandium	45-1	11511506	11361276	11343842	11405541	0.81	cps
Scandium	45-2	1024732	1033999	1024599	1027777	0.52	cps
Selenium	82-1	1032	1070	1021	1041	2.48	cps
Selenium	77-2	473	460	543	492	9.09	cps
Selenium	78-2	927	947	937	937	1.07	cps
Silicon	28-1	60237999	61028551	60287636	60518062	0.73	cps
Silver	107-1	19403	20605	20568	20192	3.38	cps
Silver	109-1	18579	18989	19420	18996	2.21	cps
Sodium	23-2	366017	371902	371162	369694	0.87	cps
Strontium	86-1	453235	462631	460537	458801	1.08	cps
Strontium	88-1	4033062	4097814	4036971	4055949	0.90	cps
Sulfur	34-1	389827	395755	394432	393338	0.79	cps
Terbium	159-1	17527916	17625125	17570333	17574458	0.28	cps
Terbium	159-2	11618569	11498434	11512854	11543286	0.57	cps
Thallium	203-1	6868	7279	7485	7211	4.36	cps
Thallium	205-1	16260	16974	16510	16581	2.19	cps
Tin	118-1	53001	53505	53041	53182	0.53	cps
Titanium	47-1	2320789	2305842	2314258	2313630	0.32	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-07	Instrumnet Name :	P7
Client Sample ID :	MYD0T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 17:57:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27241	27585	27722	27516	0.90	cps
Vanadium	51-2	1378070	1339577	1371356	1363001	1.51	cps
Yttrium	89-1	26353355	26296039	25945366	26198253	0.84	cps
Yttrium	89-2	6339228	6393775	6367643	6366882	0.43	cps
Zinc	66-2	434925	434856	431330	433704	0.47	cps
Zirconium	90-1	387351	398447	394717	393505	1.43	cps
Zirconium	91-1	86090	86882	87146	86706	0.63	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16731974	16607477	16586615	16642022	0.47	cps
Antimony	121-1	22922	23219	23049	23063	0.65	cps
Arsenic	75-2	135027	135449	134822	135099	0.24	cps
Barium	135-1	1852678	1829587	1840315	1840860	0.63	cps
Barium	137-1	3167350	3198248	3273238	3212945	1.69	cps
Beryllium	9-1	4319	4463	4261	4348	2.40	cps
Bismuth	209-1	9746093	9865408	9623906	9745136	1.24	cps
Bismuth	209-2	7662333	7675861	7652781	7663658	0.15	cps
Bromine	81-1	18348	18405	19123	18625	2.32	cps
Bromine	81-2	1820	1777	1777	1791	1.40	cps
Cadmium	108-1	587	510	483	527	10.19	cps
Cadmium	106-1	6478	6368	6098	6315	3.10	cps
Cadmium	111-1	8151	8131	7884	8056	1.85	cps
Calcium	43-1	4898798	5093543	4965338	4985893	1.99	cps
Calcium	44-1	79900590	80717325	80647605	80421840	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	699451	697112	696429	697664	0.23	cps
Cobalt	59-2	513955	513522	514138	513872	0.06	cps
Copper	63-2	1584072	1519552	1544578	1549401	2.10	cps
Dysprosium	156-1	90670	91952	92512	91711	1.03	cps
Dysprosium	156-2	74922	74456	75193	74857	0.50	cps
Erbium	164-1	72326	74239	73116	73227	1.31	cps
Erbium	164-2	49377	49002	49862	49414	0.87	cps
Gadolinium	160-1	84191	86424	85881	85499	1.36	cps
Gadolinium	160-2	62090	60831	61672	61531	1.04	cps
Holmium	165-1	16931204	16866752	16776107	16858021	0.46	cps
Holmium	165-2	11559231	11391839	11410921	11453997	0.80	cps
Indium	115-1	14645953	14840969	14528377	14671766	1.08	cps
Indium	115-2	4915455	4864391	4875792	4885213	0.55	cps
Iron	56-2	541165925	535970339	546685099	541273787	0.99	cps
Iron	57-2	13534923	13598161	13490071	13541051	0.40	cps
Iron	54-2	30486866	29991548	30042523	30173646	0.90	cps
Krypton	83-1	557	510	563	543	5.35	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	625930	637198	634738	632622	0.94	cps
Lead	207-1	543228	553445	549491	548721	0.94	cps
Lead	208-1	2482628	2510189	2510429	2501082	0.64	cps
Lithium	6-1	1958080	1897760	1990961	1948934	2.43	cps
Magnesium	24-2	14783444	14463402	14980813	14742553	1.77	cps
Manganese	55-2	18287917	18015058	18232448	18178474	0.79	cps
Molybdenum	94-1	123426	125230	124692	124449	0.74	cps
Molybdenum	95-1	8929	9366	8869	9055	3.00	cps
Molybdenum	96-1	32964	33665	33154	33261	1.09	cps
Molybdenum	97-1	5234	5348	5171	5251	1.71	cps
Molybdenum	98-1	13083	12886	13453	13140	2.19	cps
Neodymium	150-1	176222	179390	177915	177842	0.89	cps
Neodymium	150-2	100264	98961	100763	99996	0.93	cps
Nickel	60-2	270335	272186	271602	271374	0.35	cps
Phosphorus	31-2	53052	52229	52202	52494	0.92	cps
Potassium	39-2	6216664	6177820	6215976	6203487	0.36	cps
Rhodium	103-1	14256506	14137410	14204730	14199549	0.42	cps
Rhodium	103-2	8632964	8670791	8624333	8642696	0.29	cps
Scandium	45-1	11428964	11265069	11231688	11308574	0.93	cps
Scandium	45-2	1033946	1021409	1019724	1025026	0.76	cps
Selenium	82-1	885	964	967	939	4.97	cps
Selenium	77-2	423	433	420	426	1.63	cps
Selenium	78-2	843	943	870	886	5.85	cps
Silicon	28-1	61437426	60984619	59934491	60785512	1.27	cps
Silver	107-1	10694	10457	10938	10696	2.25	cps
Silver	109-1	10421	10254	10901	10525	3.19	cps
Sodium	23-2	309609	310751	315197	311852	0.95	cps
Strontium	86-1	419190	422090	421420	420900	0.36	cps
Strontium	88-1	3684830	3720947	3690114	3698630	0.53	cps
Sulfur	34-1	371591	368400	369108	369700	0.45	cps
Terbium	159-1	17675503	17622890	17500690	17599694	0.51	cps
Terbium	159-2	11657606	11570368	11568397	11598791	0.44	cps
Thallium	203-1	5404	5921	5711	5679	4.58	cps
Thallium	205-1	12940	13690	13577	13402	3.02	cps
Tin	118-1	56778	57441	57893	57371	0.98	cps
Titanium	47-1	2185230	2221642	2175766	2194212	1.10	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-08	Instrumnet Name :	P7
Client Sample ID :	MYD0T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:00:20	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24443	24967	25364	24925	1.85	cps
Vanadium	51-2	1197272	1191175	1196846	1195098	0.28	cps
Yttrium	89-1	26183832	25594465	26054296	25944198	1.19	cps
Yttrium	89-2	6365898	6335169	6384694	6361921	0.39	cps
Zinc	66-2	301715	302543	301177	301812	0.23	cps
Zirconium	90-1	325805	328919	335924	330216	1.57	cps
Zirconium	91-1	74437	73385	74850	74224	1.02	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18870803	18525014	18321276	18572364	1.50	cps
Antimony	121-1	23910	24371	24391	24224	1.12	cps
Arsenic	75-2	154966	154060	154306	154444	0.30	cps
Barium	135-1	1610516	1583718	1641919	1612051	1.81	cps
Barium	137-1	2824995	2789084	2851895	2821991	1.12	cps
Beryllium	9-1	4838	4841	4992	4890	1.80	cps
Bismuth	209-1	9853733	9823118	9638516	9771789	1.19	cps
Bismuth	209-2	7513069	7510905	7712428	7578801	1.53	cps
Bromine	81-1	21940	22330	22414	22228	1.14	cps
Bromine	81-2	2080	2287	2150	2172	4.84	cps
Cadmium	108-1	397	353	450	400	12.10	cps
Cadmium	106-1	6125	6185	6098	6136	0.72	cps
Cadmium	111-1	6030	6029	5807	5955	2.15	cps
Calcium	43-1	6927537	6867386	7050825	6948583	1.35	cps
Calcium	44-1	113294858	111011092	112872735	112392895	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	774362	761469	766284	767371	0.85	cps
Cobalt	59-2	548443	547651	547858	547984	0.08	cps
Copper	63-2	981166	980939	960171	974092	1.24	cps
Dysprosium	156-1	96455	96404	97498	96786	0.64	cps
Dysprosium	156-2	79343	78783	79728	79285	0.60	cps
Erbium	164-1	75526	76330	77034	76297	0.99	cps
Erbium	164-2	51016	50384	50752	50717	0.63	cps
Gadolinium	160-1	89678	91872	92178	91243	1.49	cps
Gadolinium	160-2	65100	65707	64186	64998	1.18	cps
Holmium	165-1	16670212	16518070	16732472	16640251	0.66	cps
Holmium	165-2	11533381	11453699	11375540	11454207	0.69	cps
Indium	115-1	14770400	14508800	14764141	14681114	1.02	cps
Indium	115-2	4834638	4788903	4847309	4823617	0.64	cps
Iron	56-2	591649111	588334791	586619738	588867880	0.43	cps
Iron	57-2	14712574	14725792	14832164	14756843	0.44	cps
Iron	54-2	32685028	32235084	32364607	32428240	0.71	cps
Krypton	83-1	363	517	527	469	19.53	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	310402	311094	311668	311055	0.20	cps
Lead	207-1	263949	261693	267933	264525	1.19	cps
Lead	208-1	1205605	1219934	1227174	1217571	0.90	cps
Lithium	6-1	1926816	1990050	1954887	1957251	1.62	cps
Magnesium	24-2	15737428	15781125	15556039	15691531	0.76	cps
Manganese	55-2	13973363	13668125	14013804	13885097	1.36	cps
Molybdenum	94-1	107209	111179	110791	109726	1.99	cps
Molybdenum	95-1	6865	7128	7095	7030	2.04	cps
Molybdenum	96-1	29096	30412	30081	29863	2.29	cps
Molybdenum	97-1	3941	4161	4204	4102	3.44	cps
Molybdenum	98-1	10547	10180	10591	10439	2.16	cps
Neodymium	150-1	190008	192034	193206	191749	0.84	cps
Neodymium	150-2	107785	107902	106928	107539	0.49	cps
Nickel	60-2	303894	302955	304243	303697	0.22	cps
Phosphorus	31-2	48286	47413	46457	47385	1.93	cps
Potassium	39-2	6195447	6301911	6258748	6252035	0.86	cps
Rhodium	103-1	14189484	14171044	14291507	14217345	0.46	cps
Rhodium	103-2	8527993	8590155	8648930	8589026	0.70	cps
Scandium	45-1	11638080	11160315	11511366	11436587	2.16	cps
Scandium	45-2	1023024	1018326	1017353	1019568	0.30	cps
Selenium	82-1	1046	924	950	973	6.65	cps
Selenium	77-2	500	423	460	461	8.32	cps
Selenium	78-2	767	843	813	808	4.78	cps
Silicon	28-1	58262497	60804599	59399674	59488924	2.14	cps
Silver	107-1	3440	3440	3767	3549	5.31	cps
Silver	109-1	3134	3517	3500	3384	6.40	cps
Sodium	23-2	307081	306988	310275	308115	0.61	cps
Strontium	86-1	482386	494712	493639	490246	1.39	cps
Strontium	88-1	4179374	4266906	4304046	4250108	1.51	cps
Sulfur	34-1	367054	363500	365138	365231	0.49	cps
Terbium	159-1	17876230	17676423	17597504	17716719	0.81	cps
Terbium	159-2	11553731	11613612	11455716	11541020	0.69	cps
Thallium	203-1	4864	4921	4854	4880	0.74	cps
Thallium	205-1	10984	11438	11261	11228	2.04	cps
Tin	118-1	37028	37666	38177	37624	1.53	cps
Titanium	47-1	2509309	2433042	2497918	2480090	1.66	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-09	Instrumnet Name :	P7
Client Sample ID :	MYD0T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:03:25	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27345	27716	28176	27746	1.50	cps
Vanadium	51-2	1292872	1288713	1278013	1286533	0.60	cps
Yttrium	89-1	25500778	25559107	25718115	25592667	0.44	cps
Yttrium	89-2	6328469	6406604	6296436	6343836	0.89	cps
Zinc	66-2	227311	224351	224378	225347	0.75	cps
Zirconium	90-1	295729	295383	300555	297222	0.97	cps
Zirconium	91-1	63530	65797	67022	65450	2.71	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20397053	20149274	19992762	20179697	1.01	cps
Antimony	121-1	17284	17968	17411	17554	2.07	cps
Arsenic	75-2	176719	177295	176557	176857	0.22	cps
Barium	135-1	2113116	2141870	2098185	2117724	1.05	cps
Barium	137-1	3625893	3670370	3641480	3645914	0.62	cps
Beryllium	9-1	5613	5488	5604	5568	1.25	cps
Bismuth	209-1	9686737	9730338	9714167	9710414	0.23	cps
Bismuth	209-2	7539209	7544392	7530926	7538176	0.09	cps
Bromine	81-1	21292	22070	23041	22134	3.96	cps
Bromine	81-2	2280	2224	2300	2268	1.75	cps
Cadmium	108-1	407	453	457	439	6.37	cps
Cadmium	106-1	6398	6168	5891	6152	4.13	cps
Cadmium	111-1	5831	5830	5404	5689	4.33	cps
Calcium	43-1	6859646	7135006	7110206	7034953	2.17	cps
Calcium	44-1	113835885	115240328	113909025	114328413	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	826488	819014	815182	820228	0.70	cps
Cobalt	59-2	633111	631092	633583	632595	0.21	cps
Copper	63-2	957222	948846	942844	949637	0.76	cps
Dysprosium	156-1	106883	107413	107478	107258	0.30	cps
Dysprosium	156-2	86058	86373	86893	86442	0.49	cps
Erbium	164-1	83045	83863	83373	83427	0.49	cps
Erbium	164-2	56711	55479	55908	56033	1.12	cps
Gadolinium	160-1	97691	99544	98218	98484	0.97	cps
Gadolinium	160-2	69799	69896	69655	69784	0.17	cps
Holmium	165-1	17100921	16948856	16873386	16974388	0.68	cps
Holmium	165-2	11340540	11443214	11439401	11407718	0.51	cps
Indium	115-1	14610696	14690619	14504371	14601895	0.64	cps
Indium	115-2	4797329	4867000	4871318	4845216	0.86	cps
Iron	56-2	660885617	655958270	657377417	658073768	0.39	cps
Iron	57-2	16511896	16351717	16418620	16427411	0.49	cps
Iron	54-2	36308593	36150515	36273982	36244363	0.23	cps
Krypton	83-1	617	527	507	550	10.65	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	267018	272456	268611	269362	1.04	cps
Lead	207-1	223486	225159	225895	224847	0.55	cps
Lead	208-1	1036556	1049268	1047434	1044419	0.66	cps
Lithium	6-1	1931145	1974172	1837055	1914124	3.66	cps
Magnesium	24-2	17596972	17500455	17647970	17581799	0.43	cps
Manganese	55-2	19687425	19746763	19838433	19757541	0.39	cps
Molybdenum	94-1	129171	130169	130088	129809	0.43	cps
Molybdenum	95-1	8829	9030	9046	8968	1.35	cps
Molybdenum	96-1	34414	36118	35420	35317	2.43	cps
Molybdenum	97-1	5251	5351	5564	5389	2.97	cps
Molybdenum	98-1	13843	13526	13023	13464	3.07	cps
Neodymium	150-1	200810	204438	202734	202660	0.90	cps
Neodymium	150-2	115878	114289	115976	115381	0.82	cps
Nickel	60-2	336815	332085	333312	334071	0.73	cps
Phosphorus	31-2	48012	48263	48323	48199	0.34	cps
Potassium	39-2	6470718	6525813	6467708	6488080	0.50	cps
Rhodium	103-1	14156727	14010560	13925800	14031029	0.83	cps
Rhodium	103-2	8494675	8645913	8590102	8576897	0.89	cps
Scandium	45-1	11288305	11414095	11451568	11384656	0.75	cps
Scandium	45-2	1016970	1033496	1033045	1027837	0.92	cps
Selenium	82-1	786	1054	1036	959	15.60	cps
Selenium	77-2	467	473	527	489	6.73	cps
Selenium	78-2	883	877	873	878	0.58	cps
Silicon	28-1	58776014	59835027	58332364	58981135	1.31	cps
Silver	107-1	2550	2667	2780	2666	4.31	cps
Silver	109-1	2237	2487	2540	2421	6.69	cps
Sodium	23-2	306152	308562	314398	309704	1.37	cps
Strontium	86-1	557155	561944	566493	561864	0.83	cps
Strontium	88-1	4986956	4969644	4966356	4974319	0.22	cps
Sulfur	34-1	362675	360873	364124	362557	0.45	cps
Terbium	159-1	17628880	17665852	17485161	17593298	0.54	cps
Terbium	159-2	11503973	11424321	11326267	11418187	0.78	cps
Thallium	203-1	5121	5201	5111	5144	0.96	cps
Thallium	205-1	12456	12429	12366	12417	0.37	cps
Tin	118-1	32587	33800	33820	33402	2.11	cps
Titanium	47-1	2347184	2356776	2391998	2365319	1.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-10	Instrumnet Name :	P7
Client Sample ID :	MYD0T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:06:29	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30067	30729	29633	30143	1.83	cps
Vanadium	51-2	1475473	1465887	1425906	1455755	1.81	cps
Yttrium	89-1	25830356	25892205	25681697	25801420	0.42	cps
Yttrium	89-2	6370870	6323937	6352922	6349243	0.37	cps
Zinc	66-2	222169	221510	220907	221528	0.28	cps
Zirconium	90-1	344844	348307	348853	347335	0.63	cps
Zirconium	91-1	76387	77634	76434	76819	0.92	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22668129	22694275	22807385	22723263	0.33	cps
Antimony	121-1	18345	18919	19096	18787	2.09	cps
Arsenic	75-2	205286	203347	204050	204228	0.48	cps
Barium	135-1	2029767	2023974	2030500	2028080	0.18	cps
Barium	137-1	3469354	3568499	3470533	3502795	1.62	cps
Beryllium	9-1	5672	5495	5563	5577	1.61	cps
Bismuth	209-1	9871069	9740390	9813669	9808376	0.67	cps
Bismuth	209-2	7527347	7599564	7580188	7569033	0.49	cps
Bromine	81-1	22350	22744	23015	22703	1.47	cps
Bromine	81-2	2480	2534	2410	2475	2.50	cps
Cadmium	108-1	470	437	467	458	4.01	cps
Cadmium	106-1	6358	6235	6181	6258	1.45	cps
Cadmium	111-1	6409	6159	6147	6238	2.37	cps
Calcium	43-1	7083406	7138519	7086513	7102813	0.44	cps
Calcium	44-1	114272302	116043302	116079655	115465086	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008697	998188	990548	999144	0.91	cps
Cobalt	59-2	694715	692154	689435	692101	0.38	cps
Copper	63-2	1155928	1150952	1157267	1154716	0.29	cps
Dysprosium	156-1	115178	115924	115873	115658	0.36	cps
Dysprosium	156-2	94374	95120	93800	94432	0.70	cps
Erbium	164-1	88112	89706	89128	88982	0.91	cps
Erbium	164-2	59058	59529	58940	59176	0.53	cps
Gadolinium	160-1	105423	106843	107300	106522	0.92	cps
Gadolinium	160-2	75814	75013	75331	75386	0.53	cps
Holmium	165-1	16966032	16883622	16971484	16940379	0.29	cps
Holmium	165-2	11394603	11477374	11474115	11448697	0.41	cps
Indium	115-1	14496216	14250453	14635247	14460639	1.35	cps
Indium	115-2	4741513	4850964	4813644	4802041	1.16	cps
Iron	56-2	731198042	731780282	721474283	728150869	0.80	cps
Iron	57-2	18165392	18286163	17962876	18138144	0.90	cps
Iron	54-2	39886580	40273753	40060876	40073736	0.48	cps
Krypton	83-1	590	570	493	551	9.26	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	342939	340714	343417	342357	0.42	cps
Lead	207-1	283878	290780	289513	288057	1.28	cps
Lead	208-1	1319866	1333125	1335089	1329360	0.62	cps
Lithium	6-1	1974612	1841565	1937273	1917817	3.58	cps
Magnesium	24-2	20268541	20308544	19885386	20154157	1.16	cps
Manganese	55-2	17600444	17849020	17672118	17707194	0.72	cps
Molybdenum	94-1	127960	130555	132753	130423	1.84	cps
Molybdenum	95-1	7762	8009	7932	7901	1.60	cps
Molybdenum	96-1	35082	35797	35196	35358	1.09	cps
Molybdenum	97-1	5031	4828	4711	4856	3.34	cps
Molybdenum	98-1	12155	11928	11571	11885	2.48	cps
Neodymium	150-1	218347	220096	221291	219911	0.67	cps
Neodymium	150-2	125860	123168	123721	124250	1.14	cps
Nickel	60-2	374177	375105	375006	374763	0.14	cps
Phosphorus	31-2	56427	56333	56089	56283	0.31	cps
Potassium	39-2	7518855	7486219	7434053	7479709	0.57	cps
Rhodium	103-1	14096179	13741911	14089424	13975838	1.45	cps
Rhodium	103-2	8602454	8643281	8686161	8643965	0.48	cps
Scandium	45-1	11450405	11272987	11495404	11406265	1.03	cps
Scandium	45-2	1020532	1032217	1023710	1025486	0.59	cps
Selenium	82-1	968	916	1100	994	9.55	cps
Selenium	77-2	590	500	550	547	8.25	cps
Selenium	78-2	900	1020	923	948	6.71	cps
Silicon	28-1	60327822	59851282	60536519	60238541	0.58	cps
Silver	107-1	3350	3494	3340	3395	2.53	cps
Silver	109-1	2940	2940	3287	3056	6.55	cps
Sodium	23-2	334526	337638	344713	338959	1.54	cps
Strontium	86-1	525598	532065	533670	530444	0.81	cps
Strontium	88-1	4638506	4724226	4731137	4697956	1.10	cps
Sulfur	34-1	369757	368574	365360	367897	0.62	cps
Terbium	159-1	17687183	17394580	17597428	17559730	0.85	cps
Terbium	159-2	11502828	11473685	11401132	11459215	0.46	cps
Thallium	203-1	6355	6071	6058	6161	2.72	cps
Thallium	205-1	14568	14831	14798	14733	0.97	cps
Tin	118-1	36570	37586	36884	37013	1.41	cps
Titanium	47-1	2486413	2493270	2512681	2497455	0.55	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-11	Instrumnet Name :	P7
Client Sample ID :	MYD0T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:09:35	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33679	33058	32994	33244	1.14	cps
Vanadium	51-2	1651178	1647177	1645197	1647851	0.18	cps
Yttrium	89-1	26372266	26318665	26433415	26374782	0.22	cps
Yttrium	89-2	6349629	6438361	6401322	6396437	0.70	cps
Zinc	66-2	263615	266224	266431	265423	0.59	cps
Zirconium	90-1	345774	348336	351674	348595	0.85	cps
Zirconium	91-1	77218	77640	78534	77798	0.86	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24404340	24204877	24199296	24269505	0.48	cps
Antimony	121-1	10534	10661	10717	10637	0.88	cps
Arsenic	75-2	99538	101128	100309	100325	0.79	cps
Barium	135-1	2295018	2291020	2293264	2293100	0.09	cps
Barium	137-1	3913581	3951665	3984756	3950001	0.90	cps
Beryllium	9-1	6195	6389	6059	6214	2.67	cps
Bismuth	209-1	9952798	10115922	9656039	9908253	2.35	cps
Bismuth	209-2	7697963	7598773	7549990	7615575	0.99	cps
Bromine	81-1	16573	17978	17187	17246	4.08	cps
Bromine	81-2	1350	1383	1323	1352	2.22	cps
Cadmium	108-1	630	617	577	608	4.57	cps
Cadmium	106-1	6782	6385	6355	6507	3.66	cps
Cadmium	111-1	7026	6571	6605	6734	3.77	cps
Calcium	43-1	803235	824058	833926	820406	1.91	cps
Calcium	44-1	12668316	12814080	12468573	12650323	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1139629	1139738	1137561	1138976	0.11	cps
Cobalt	59-2	816929	807342	814940	813071	0.62	cps
Copper	63-2	1594771	1572324	1569349	1578814	0.88	cps
Dysprosium	156-1	115854	114012	117923	115930	1.69	cps
Dysprosium	156-2	92257	93122	92005	92462	0.63	cps
Erbium	164-1	94188	95453	93023	94221	1.29	cps
Erbium	164-2	62626	62495	62723	62615	0.18	cps
Gadolinium	160-1	104110	107582	108331	106674	2.11	cps
Gadolinium	160-2	76628	75378	76766	76257	1.00	cps
Holmium	165-1	17061881	16958578	16919804	16980087	0.43	cps
Holmium	165-2	11558049	11412923	11375330	11448767	0.84	cps
Indium	115-1	14453458	14658388	14346072	14485973	1.10	cps
Indium	115-2	4842444	4771726	4818184	4810784	0.75	cps
Iron	56-2	840425561	824129454	838181428	834245481	1.06	cps
Iron	57-2	20603866	20474432	20516278	20531525	0.32	cps
Iron	54-2	46048744	45740559	45197043	45662115	0.94	cps
Krypton	83-1	567	607	577	583	3.57	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	424788	422974	419273	422345	0.67	cps
Lead	207-1	354982	359599	369864	361482	2.11	cps
Lead	208-1	1636838	1656202	1650580	1647874	0.60	cps
Lithium	6-1	1851786	1970197	1828601	1883528	4.03	cps
Magnesium	24-2	22183548	22153591	21626408	21987849	1.43	cps
Manganese	55-2	29903220	29476814	29855303	29745112	0.79	cps
Molybdenum	94-1	194264	196389	200253	196969	1.54	cps
Molybdenum	95-1	8996	9043	9263	9101	1.57	cps
Molybdenum	96-1	48728	49366	47708	48601	1.72	cps
Molybdenum	97-1	5271	5324	5491	5362	2.14	cps
Molybdenum	98-1	13253	13883	13283	13473	2.64	cps
Neodymium	150-1	208213	214714	207949	210292	1.82	cps
Neodymium	150-2	117108	116174	117977	117086	0.77	cps
Nickel	60-2	356231	351964	350029	352741	0.90	cps
Phosphorus	31-2	52747	53125	53242	53038	0.49	cps
Potassium	39-2	9479712	9640840	9550531	9557028	0.85	cps
Rhodium	103-1	14692902	14687639	13986927	14455823	2.81	cps
Rhodium	103-2	8664931	8605454	8674897	8648428	0.43	cps
Scandium	45-1	11472351	11679702	11441296	11531116	1.12	cps
Scandium	45-2	1042799	1036667	1030484	1036650	0.59	cps
Selenium	82-1	807	823	890	840	5.24	cps
Selenium	77-2	590	530	463	528	12.01	cps
Selenium	78-2	820	877	903	867	4.91	cps
Silicon	28-1	69253154	70622936	66652882	68842991	2.93	cps
Silver	107-1	3911	4151	4221	4094	3.97	cps
Silver	109-1	3424	3607	3450	3494	2.84	cps
Sodium	23-2	371776	381764	376452	376664	1.33	cps
Strontium	86-1	490468	491204	495979	492550	0.61	cps
Strontium	88-1	4268365	4361114	4437608	4355696	1.95	cps
Sulfur	34-1	314236	288658	276602	293165	6.56	cps
Terbium	159-1	17598874	17766327	18307068	17890757	2.07	cps
Terbium	159-2	11580264	11513944	11379482	11491230	0.89	cps
Thallium	203-1	5341	5758	5688	5596	3.99	cps
Thallium	205-1	12653	13687	12960	13100	4.06	cps
Tin	118-1	37195	38110	36881	37395	1.71	cps
Titanium	47-1	2685304	2720369	2608867	2671513	2.13	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-12	Instrumnet Name :	P7
Client Sample ID :	MYD0T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:12:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38947	39298	39853	39366	1.16	cps
Vanadium	51-2	1818618	1809425	1831871	1819971	0.62	cps
Yttrium	89-1	25905378	26292845	26900500	26366241	1.90	cps
Yttrium	89-2	6392210	6260278	6306706	6319731	1.06	cps
Zinc	66-2	317662	317281	316244	317062	0.23	cps
Zirconium	90-1	519215	539450	529855	529507	1.91	cps
Zirconium	91-1	119022	120729	118430	119394	1.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20896589	21314456	21068884	21093310	1.00	cps
Antimony	121-1	16543	16610	16586	16580	0.20	cps
Arsenic	75-2	125818	125364	125192	125458	0.26	cps
Barium	135-1	1301537	1309530	1313953	1308340	0.48	cps
Barium	137-1	2397742	2411732	2446195	2418556	1.03	cps
Beryllium	9-1	4329	4433	4105	4289	3.91	cps
Bismuth	209-1	9814502	9836729	9898374	9849869	0.44	cps
Bismuth	209-2	7591031	7568533	7608492	7589352	0.26	cps
Bromine	81-1	15228	15155	15208	15197	0.25	cps
Bromine	81-2	1010	1020	897	976	7.02	cps
Cadmium	108-1	850	770	777	799	5.56	cps
Cadmium	106-1	6245	6301	6335	6294	0.72	cps
Cadmium	111-1	6490	6746	6874	6703	2.92	cps
Calcium	43-1	667460	673242	668335	669679	0.47	cps
Calcium	44-1	10108955	10323934	10280966	10237952	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1058763	1053745	1057082	1056530	0.24	cps
Cobalt	59-2	712771	710643	702666	708693	0.75	cps
Copper	63-2	1782999	1778999	1739566	1767188	1.36	cps
Dysprosium	156-1	79939	81428	79547	80305	1.24	cps
Dysprosium	156-2	63098	63141	63888	63376	0.70	cps
Erbium	164-1	67324	69438	68939	68567	1.61	cps
Erbium	164-2	46571	46263	46611	46482	0.41	cps
Gadolinium	160-1	75861	77027	78227	77038	1.54	cps
Gadolinium	160-2	55961	55446	54174	55194	1.67	cps
Holmium	165-1	17048918	16954041	16993311	16998756	0.28	cps
Holmium	165-2	11392716	11540187	11423369	11452091	0.68	cps
Indium	115-1	14591160	14719891	14603338	14638130	0.49	cps
Indium	115-2	4820575	4877611	4809317	4835834	0.76	cps
Iron	56-2	778836708	773123562	771755935	774572068	0.48	cps
Iron	57-2	19462219	19117710	19253907	19277945	0.90	cps
Iron	54-2	43455216	42345339	42824063	42874873	1.30	cps
Krypton	83-1	570	430	507	502	13.96	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357618	357371	363152	359380	0.91	cps
Lead	207-1	310877	314422	312048	312449	0.58	cps
Lead	208-1	1419341	1423986	1427111	1423479	0.27	cps
Lithium	6-1	1994465	1936834	1963619	1964973	1.47	cps
Magnesium	24-2	19607025	19704700	19308000	19539908	1.06	cps
Manganese	55-2	21353245	20902353	20876755	21044118	1.27	cps
Molybdenum	94-1	152780	156834	156824	155479	1.50	cps
Molybdenum	95-1	8826	8743	9583	9051	5.12	cps
Molybdenum	96-1	40820	40783	40717	40773	0.13	cps
Molybdenum	97-1	5211	5198	5484	5298	3.06	cps
Molybdenum	98-1	13470	13466	13066	13334	1.74	cps
Neodymium	150-1	136191	137756	137823	137256	0.67	cps
Neodymium	150-2	77381	77629	77937	77649	0.36	cps
Nickel	60-2	289094	286053	284366	286504	0.84	cps
Phosphorus	31-2	29121	28710	29178	29003	0.88	cps
Potassium	39-2	5550412	5505993	5537873	5531426	0.41	cps
Rhodium	103-1	14201765	14152183	14241522	14198490	0.32	cps
Rhodium	103-2	8675248	8648878	8656194	8660106	0.16	cps
Scandium	45-1	11302655	11452675	11276155	11343828	0.84	cps
Scandium	45-2	1023811	1028453	1031288	1027851	0.37	cps
Selenium	82-1	697	909	825	810	13.17	cps
Selenium	77-2	437	387	347	390	11.56	cps
Selenium	78-2	670	773	720	721	7.17	cps
Silicon	28-1	57550607	57540177	57373079	57487955	0.17	cps
Silver	107-1	4657	4664	5134	4819	5.67	cps
Silver	109-1	4224	4474	4404	4367	2.95	cps
Sodium	23-2	347256	348227	346676	347386	0.23	cps
Strontium	86-1	360110	364933	365308	363450	0.80	cps
Strontium	88-1	3227309	3243530	3171515	3214118	1.18	cps
Sulfur	34-1	259050	261627	260956	260544	0.51	cps
Terbium	159-1	17693980	17408833	17777969	17626927	1.10	cps
Terbium	159-2	11418650	11605181	11394917	11472916	1.00	cps
Thallium	203-1	3277	3267	3497	3347	3.88	cps
Thallium	205-1	8116	8039	7986	8047	0.81	cps
Tin	118-1	33696	33349	34428	33824	1.63	cps
Titanium	47-1	2547350	2588890	2591710	2575983	0.96	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-13	Instrumnet Name :	P7
Client Sample ID :	MYD0W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:15:45	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26566	27191	26640	26799	1.27	cps
Vanadium	51-2	1642792	1636838	1637504	1639045	0.20	cps
Yttrium	89-1	25655321	25796741	25537522	25663195	0.51	cps
Yttrium	89-2	6331338	6246519	6252991	6276949	0.75	cps
Zinc	66-2	277070	277258	273735	276021	0.72	cps
Zirconium	90-1	414715	423647	421238	419867	1.10	cps
Zirconium	91-1	92717	93378	93288	93128	0.38	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22623896	22352448	22533365	22503236	0.61	cps
Antimony	121-1	32634	32747	31615	32332	1.93	cps
Arsenic	75-2	159574	157910	154714	157399	1.57	cps
Barium	135-1	2234385	2224272	2260159	2239605	0.83	cps
Barium	137-1	3880102	3812538	3890365	3861002	1.10	cps
Beryllium	9-1	4213	4217	4261	4230	0.63	cps
Bismuth	209-1	9908073	9677372	9819455	9801633	1.19	cps
Bismuth	209-2	7702126	7758901	7779671	7746899	0.52	cps
Bromine	81-1	14714	14460	15208	14794	2.57	cps
Bromine	81-2	980	923	1043	982	6.11	cps
Cadmium	108-1	900	917	867	894	2.85	cps
Cadmium	106-1	6298	6198	6238	6245	0.81	cps
Cadmium	111-1	10494	10292	10668	10485	1.80	cps
Calcium	43-1	611148	604258	619056	611487	1.21	cps
Calcium	44-1	9319615	9331678	9408295	9353196	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1257413	1239883	1249359	1248885	0.70	cps
Cobalt	59-2	1044053	1021038	1033857	1032983	1.12	cps
Copper	63-2	3361333	3385013	3291045	3345797	1.46	cps
Dysprosium	156-1	84935	86705	86135	85925	1.05	cps
Dysprosium	156-2	67659	67129	67799	67529	0.52	cps
Erbium	164-1	73813	75646	73241	74233	1.69	cps
Erbium	164-2	48982	49380	49665	49342	0.69	cps
Gadolinium	160-1	82578	80285	81810	81557	1.43	cps
Gadolinium	160-2	58943	58230	57789	58321	1.00	cps
Holmium	165-1	17127514	16756281	16991462	16958419	1.11	cps
Holmium	165-2	11654908	11649246	11820833	11708329	0.83	cps
Indium	115-1	14674539	13996686	14734914	14468713	2.83	cps
Indium	115-2	4894579	4884367	4897726	4892224	0.14	cps
Iron	56-2	1015144732	1019316331	1018636038	1017699034	0.22	cps
Iron	57-2	25196691	25208450	25122597	25175913	0.18	cps
Iron	54-2	55956258	55999451	55728273	55894660	0.26	cps
Krypton	83-1	477	543	520	513	6.59	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	769211	791395	771292	777299	1.58	cps
Lead	207-1	689012	693424	693679	692038	0.38	cps
Lead	208-1	3313496	3125565	3319415	3252825	3.39	cps
Lithium	6-1	1931809	1823083	1864140	1873011	2.93	cps
Magnesium	24-2	22924076	22785150	22921202	22876810	0.35	cps
Manganese	55-2	37305557	37428181	37418446	37384061	0.18	cps
Molybdenum	94-1	148507	152097	152013	150872	1.36	cps
Molybdenum	95-1	24694	24391	24280	24455	0.88	cps
Molybdenum	96-1	55910	57365	57386	56887	1.49	cps
Molybdenum	97-1	14687	14988	14861	14845	1.02	cps
Molybdenum	98-1	37679	37328	38203	37736	1.17	cps
Neodymium	150-1	141293	143980	144217	143163	1.13	cps
Neodymium	150-2	81008	78826	80106	79980	1.37	cps
Nickel	60-2	342607	346548	345443	344866	0.59	cps
Phosphorus	31-2	38184	37359	38204	37916	1.27	cps
Potassium	39-2	5965687	5898405	5944065	5936053	0.58	cps
Rhodium	103-1	14238451	14044509	14114900	14132620	0.69	cps
Rhodium	103-2	8620665	8590786	8676494	8629315	0.50	cps
Scandium	45-1	11502439	11205679	11266667	11324928	1.38	cps
Scandium	45-2	1041282	1030765	1049587	1040545	0.91	cps
Selenium	82-1	940	934	1014	963	4.65	cps
Selenium	77-2	447	427	390	421	6.82	cps
Selenium	78-2	770	777	787	778	1.08	cps
Silicon	28-1	53264529	55009268	54323699	54199165	1.62	cps
Silver	107-1	11788	11725	11501	11671	1.29	cps
Silver	109-1	11044	10971	11121	11045	0.68	cps
Sodium	23-2	331545	332362	334211	332706	0.41	cps
Strontium	86-1	411309	427438	420840	419862	1.93	cps
Strontium	88-1	3620011	3644453	3669582	3644682	0.68	cps
Sulfur	34-1	263895	265207	262464	263855	0.52	cps
Terbium	159-1	17619529	16958504	17793536	17457189	2.52	cps
Terbium	159-2	11515277	11559027	11633252	11569185	0.52	cps
Thallium	203-1	3994	3884	3677	3852	4.17	cps
Thallium	205-1	8936	9247	9016	9066	1.78	cps
Tin	118-1	35734	37459	35684	36293	2.78	cps
Titanium	47-1	2453770	2472387	2480845	2469001	0.56	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-14	Instrumnet Name :	P7
Client Sample ID :	MYD0W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:18:49	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28962	28083	29165	28737	2.00	cps
Vanadium	51-2	2032672	2006606	2022035	2020438	0.65	cps
Yttrium	89-1	25833192	24748995	25887640	25489942	2.52	cps
Yttrium	89-2	6173274	6258729	6246209	6226071	0.74	cps
Zinc	66-2	407297	407848	406159	407101	0.21	cps
Zirconium	90-1	377236	375280	382591	378369	1.00	cps
Zirconium	91-1	83167	85615	83905	84229	1.49	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23145002	23150313	23187791	23161035	0.10	cps
Antimony	121-1	11651	12305	12325	12094	3.17	cps
Arsenic	75-2	117948	117155	114306	116469	1.64	cps
Barium	135-1	1799684	1804966	1778706	1794452	0.77	cps
Barium	137-1	3058237	3111688	3096727	3088884	0.89	cps
Beryllium	9-1	5386	5256	5454	5366	1.88	cps
Bismuth	209-1	9823742	9660784	9759059	9747862	0.84	cps
Bismuth	209-2	7592925	7742667	7744686	7693426	1.13	cps
Bromine	81-1	15572	15538	15935	15682	1.40	cps
Bromine	81-2	1187	1213	1213	1205	1.28	cps
Cadmium	108-1	513	577	510	533	7.04	cps
Cadmium	106-1	6445	6068	5828	6114	5.09	cps
Cadmium	111-1	6382	6157	5883	6141	4.07	cps
Calcium	43-1	743894	756233	748928	749685	0.83	cps
Calcium	44-1	11385933	11449394	11424972	11420100	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1227343	1229786	1213710	1223613	0.71	cps
Cobalt	59-2	823993	819698	821586	821759	0.26	cps
Copper	63-2	1690040	1674582	1677943	1680855	0.48	cps
Dysprosium	156-1	96938	98845	98656	98146	1.07	cps
Dysprosium	156-2	76132	76440	77134	76568	0.67	cps
Erbium	164-1	81020	81445	80785	81083	0.41	cps
Erbium	164-2	53355	54000	53920	53758	0.65	cps
Gadolinium	160-1	90624	91100	91161	90962	0.32	cps
Gadolinium	160-2	66601	65375	65418	65798	1.06	cps
Holmium	165-1	17398781	17044476	17063139	17168798	1.16	cps
Holmium	165-2	11511535	11408709	11346622	11422289	0.73	cps
Indium	115-1	14475957	14375681	14255624	14369087	0.77	cps
Indium	115-2	4798798	4798814	4856431	4818014	0.69	cps
Iron	56-2	872350440	881381400	875570387	876434076	0.52	cps
Iron	57-2	21563100	21320363	21372866	21418776	0.60	cps
Iron	54-2	47764623	47423498	47882901	47690340	0.50	cps
Krypton	83-1	547	483	527	519	6.24	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	365861	363693	368961	366172	0.72	cps
Lead	207-1	307662	317664	308532	311286	1.78	cps
Lead	208-1	1410804	1432363	1426075	1423081	0.78	cps
Lithium	6-1	1919060	1880168	1824209	1874479	2.54	cps
Magnesium	24-2	23173133	22861420	22617258	22883937	1.22	cps
Manganese	55-2	26678770	26961086	26954060	26864639	0.60	cps
Molybdenum	94-1	164252	173142	167304	168233	2.68	cps
Molybdenum	95-1	12502	11795	12202	12166	2.92	cps
Molybdenum	96-1	46895	46490	46758	46714	0.44	cps
Molybdenum	97-1	7419	7559	7162	7380	2.73	cps
Molybdenum	98-1	18171	18285	18695	18384	1.50	cps
Neodymium	150-1	170542	169688	170842	170357	0.35	cps
Neodymium	150-2	95551	94813	95810	95391	0.54	cps
Nickel	60-2	344454	346098	346967	345840	0.37	cps
Phosphorus	31-2	35137	36086	35257	35493	1.46	cps
Potassium	39-2	6367304	6485443	6375807	6409518	1.03	cps
Rhodium	103-1	14294298	14068335	14256277	14206303	0.85	cps
Rhodium	103-2	8790940	8638158	8651825	8693641	0.97	cps
Scandium	45-1	11235977	11278229	11154934	11223046	0.56	cps
Scandium	45-2	1030315	1033946	1027282	1030514	0.32	cps
Selenium	82-1	744	870	821	812	7.80	cps
Selenium	77-2	403	423	377	401	5.84	cps
Selenium	78-2	797	683	793	758	8.51	cps
Silicon	28-1	57367087	55163403	57245489	56591993	2.19	cps
Silver	107-1	3564	3394	3524	3494	2.54	cps
Silver	109-1	3154	3154	3270	3193	2.11	cps
Sodium	23-2	359848	358311	359161	359107	0.21	cps
Strontium	86-1	432159	441302	434860	436107	1.08	cps
Strontium	88-1	3796887	3852161	3767866	3805638	1.13	cps
Sulfur	34-1	267280	260902	263668	263950	1.21	cps
Terbium	159-1	17531240	17762253	17552044	17615179	0.73	cps
Terbium	159-2	11618926	11579494	11409713	11536044	0.96	cps
Thallium	203-1	4191	4297	4394	4294	2.37	cps
Thallium	205-1	10067	10214	10117	10133	0.74	cps
Tin	118-1	37472	36192	37856	37173	2.34	cps
Titanium	47-1	2600791	2563501	2545310	2569867	1.10	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:21:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32429	33215	32145	32597	1.70	cps
Vanadium	51-2	1839734	1861050	1884306	1861697	1.20	cps
Yttrium	89-1	25911685	26000793	25512173	25808217	1.01	cps
Yttrium	89-2	6228831	6287926	6320628	6279128	0.74	cps
Zinc	66-2	287845	287579	287494	287639	0.06	cps
Zirconium	90-1	438370	441517	443941	441276	0.63	cps
Zirconium	91-1	101216	98739	100709	100222	1.31	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22755978	22482486	22957090	22731851	1.05	cps
Antimony	121-1	12172	12395	12302	12290	0.91	cps
Arsenic	75-2	115105	115495	115620	115407	0.23	cps
Barium	135-1	1844266	1824253	1857573	1842031	0.91	cps
Barium	137-1	3151780	3151191	3191615	3164862	0.73	cps
Beryllium	9-1	4925	4992	5145	5021	2.24	cps
Bismuth	209-1	9777082	9840143	9747529	9788251	0.48	cps
Bismuth	209-2	7667286	7714155	7726538	7702660	0.41	cps
Bromine	81-1	15251	16406	16393	16017	4.14	cps
Bromine	81-2	1223	1257	1117	1199	6.10	cps
Cadmium	108-1	620	467	530	539	14.30	cps
Cadmium	106-1	5995	5868	5775	5879	1.88	cps
Cadmium	111-1	5992	5891	5868	5917	1.12	cps
Calcium	43-1	753603	759963	757622	757063	0.42	cps
Calcium	44-1	11222744	11389608	11600791	11404381	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1193686	1205366	1197550	1198867	0.50	cps
Cobalt	59-2	814969	815166	812289	814142	0.20	cps
Copper	63-2	1661764	1679516	1666908	1669396	0.55	cps
Dysprosium	156-1	95277	94999	96566	95614	0.87	cps
Dysprosium	156-2	75186	75207	76376	75590	0.90	cps
Erbium	164-1	77832	79112	79283	78742	1.01	cps
Erbium	164-2	52535	52859	53348	52914	0.77	cps
Gadolinium	160-1	88665	91751	91442	90619	1.88	cps
Gadolinium	160-2	64468	64752	65465	64895	0.79	cps
Holmium	165-1	16842561	16858688	16698082	16799777	0.53	cps
Holmium	165-2	11565179	11338577	11604944	11502900	1.25	cps
Indium	115-1	14155021	14649532	14598489	14467681	1.88	cps
Indium	115-2	4912996	4773439	4803078	4829838	1.52	cps
Iron	56-2	873755374	866330894	865222920	868436396	0.53	cps
Iron	57-2	20951335	21300382	20704825	20985514	1.43	cps
Iron	54-2	47381909	47101853	47239101	47240954	0.30	cps
Krypton	83-1	450	527	457	478	8.89	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	349287	352055	354237	351859	0.71	cps
Lead	207-1	311223	313507	312789	312506	0.37	cps
Lead	208-1	1391832	1415848	1419403	1409028	1.06	cps
Lithium	6-1	1805245	1884035	1794531	1827937	2.67	cps
Magnesium	24-2	22672015	21839080	22504969	22338688	1.97	cps
Manganese	55-2	26813591	26457607	26727850	26666350	0.70	cps
Molybdenum	94-1	169082	169008	167851	168647	0.41	cps
Molybdenum	95-1	11892	12098	12325	12105	1.79	cps
Molybdenum	96-1	45664	46066	45808	45846	0.44	cps
Molybdenum	97-1	7108	7279	7038	7142	1.73	cps
Molybdenum	98-1	17337	17944	18065	17782	2.19	cps
Neodymium	150-1	165128	169870	171926	168974	2.06	cps
Neodymium	150-2	93447	95333	94893	94558	1.04	cps
Nickel	60-2	339937	339744	340311	339997	0.08	cps
Phosphorus	31-2	34646	34880	35287	34938	0.93	cps
Potassium	39-2	6255724	6219795	6339203	6271574	0.98	cps
Rhodium	103-1	14139550	14098776	13973294	14070540	0.62	cps
Rhodium	103-2	8991654	8585365	8686494	8754504	2.42	cps
Scandium	45-1	11217717	11379368	11407620	11334902	0.90	cps
Scandium	45-2	1030403	1029242	1031560	1030402	0.11	cps
Selenium	82-1	950	815	923	896	7.98	cps
Selenium	77-2	433	423	423	427	1.35	cps
Selenium	78-2	753	777	883	804	8.62	cps
Silicon	28-1	56111294	56040096	57008279	56386556	0.96	cps
Silver	107-1	3410	3370	3450	3410	1.17	cps
Silver	109-1	2680	2950	3167	2933	8.32	cps
Sodium	23-2	351620	357038	359040	355899	1.08	cps
Strontium	86-1	425351	427561	426008	426307	0.27	cps
Strontium	88-1	3782897	3762029	3781789	3775572	0.31	cps
Sulfur	34-1	258999	257709	256803	257837	0.43	cps
Terbium	159-1	17782551	17670039	17732848	17728480	0.32	cps
Terbium	159-2	11694616	11447905	11624634	11589052	1.10	cps
Thallium	203-1	4077	4364	4244	4228	3.41	cps
Thallium	205-1	10007	10497	10351	10285	2.45	cps
Tin	118-1	35992	36800	37038	36610	1.50	cps
Titanium	47-1	2531340	2632825	2578378	2580848	1.97	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:24:59	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31925	32677	33455	32686	2.34	cps
Vanadium	51-2	1838611	1846943	1839970	1841841	0.24	cps
Yttrium	89-1	26605924	26397830	25769534	26257762	1.66	cps
Yttrium	89-2	6189071	6273156	6151331	6204519	1.01	cps
Zinc	66-2	281684	278576	282420	280893	0.73	cps
Zirconium	90-1	440108	454353	452601	449021	1.73	cps
Zirconium	91-1	97716	99676	100071	99154	1.27	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4450717	4460304	4479587	4463536	0.33	cps
Antimony	121-1	2490	2514	2450	2485	1.29	cps
Arsenic	75-2	23192	22577	22901	22890	1.34	cps
Barium	135-1	338209	337503	335941	337218	0.34	cps
Barium	137-1	584298	581204	584158	583220	0.30	cps
Beryllium	9-1	979	1052	1035	1022	3.77	cps
Bismuth	209-1	10044891	10218047	10035297	10099411	1.02	cps
Bismuth	209-2	7886603	7920131	7932806	7913180	0.30	cps
Bromine	81-1	12212	12162	12018	12131	0.83	cps
Bromine	81-2	320	297	393	337	14.98	cps
Cadmium	108-1	143	103	110	119	18.03	cps
Cadmium	106-1	4958	4894	4707	4853	2.68	cps
Cadmium	111-1	3807	3824	3652	3761	2.52	cps
Calcium	43-1	147748	150065	148930	148915	0.78	cps
Calcium	44-1	2353796	2359861	2379650	2364436	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241229	239027	241082	240446	0.51	cps
Cobalt	59-2	163009	163305	162256	162857	0.33	cps
Copper	63-2	327542	329226	331337	329368	0.58	cps
Dysprosium	156-1	18813	19126	18843	18927	0.91	cps
Dysprosium	156-2	15292	14955	15175	15140	1.13	cps
Erbium	164-1	15666	15692	15315	15558	1.35	cps
Erbium	164-2	10754	10607	10581	10647	0.88	cps
Gadolinium	160-1	17498	18145	18078	17907	1.99	cps
Gadolinium	160-2	12866	13120	13043	13009	1.00	cps
Holmium	165-1	16905469	16815148	16885548	16868721	0.28	cps
Holmium	165-2	11458654	11609043	11650943	11572880	0.87	cps
Indium	115-1	14731385	14644480	14894774	14756880	0.86	cps
Indium	115-2	4892584	4895344	4963025	4916984	0.81	cps
Iron	56-2	172539651	169720677	169273977	170511435	1.04	cps
Iron	57-2	4226066	4260138	4168640	4218281	1.10	cps
Iron	54-2	9322937	9512278	9350959	9395392	1.09	cps
Krypton	83-1	417	440	400	419	4.80	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	71842	71299	71842	71661	0.44	cps
Lead	207-1	62871	62044	61522	62146	1.09	cps
Lead	208-1	284489	283769	283159	283806	0.23	cps
Lithium	6-1	2016450	2018175	1982144	2005589	1.01	cps
Magnesium	24-2	4430718	4386617	4499193	4438843	1.28	cps
Manganese	55-2	5220965	5260183	5215378	5232175	0.47	cps
Molybdenum	94-1	32302	33572	32459	32778	2.11	cps
Molybdenum	95-1	2557	2574	2580	2570	0.47	cps
Molybdenum	96-1	9100	9503	9316	9306	2.17	cps
Molybdenum	97-1	1560	1417	1580	1519	5.87	cps
Molybdenum	98-1	3667	3620	3637	3642	0.65	cps
Neodymium	150-1	32989	33296	33834	33373	1.28	cps
Neodymium	150-2	18816	18572	19000	18796	1.14	cps
Nickel	60-2	67960	68150	68804	68305	0.65	cps
Phosphorus	31-2	7352	7178	7372	7301	1.46	cps
Potassium	39-2	1331408	1310980	1315742	1319376	0.81	cps
Rhodium	103-1	14666637	14500416	14397936	14521663	0.93	cps
Rhodium	103-2	8839574	8830486	8905824	8858628	0.46	cps
Scandium	45-1	10877484	10789042	10806069	10824199	0.43	cps
Scandium	45-2	958962	965031	971660	965218	0.66	cps
Selenium	82-1	531	545	642	573	10.52	cps
Selenium	77-2	83	87	127	99	24.39	cps
Selenium	78-2	587	537	543	556	4.89	cps
Silicon	28-1	11461614	11857494	11578135	11632414	1.75	cps
Silver	107-1	790	833	840	821	3.31	cps
Silver	109-1	623	737	727	696	9.02	cps
Sodium	23-2	138294	137783	139720	138599	0.72	cps
Strontium	86-1	84041	85215	85510	84922	0.91	cps
Strontium	88-1	728526	740029	739565	736040	0.88	cps
Sulfur	34-1	244996	244821	242806	244207	0.50	cps
Terbium	159-1	17789348	17829362	17666603	17761771	0.48	cps
Terbium	159-2	11466212	11461255	11757312	11561593	1.47	cps
Thallium	203-1	1003	1003	1063	1023	3.39	cps
Thallium	205-1	2264	2187	2137	2196	2.91	cps
Tin	118-1	8586	8886	8716	8729	1.72	cps
Titanium	47-1	513225	515643	507094	511987	0.86	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 18:28:05	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6448	6328	6328	6368	1.09	cps
Vanadium	51-2	369159	371146	370532	370279	0.27	cps
Yttrium	89-1	25228861	24608081	25247868	25028270	1.45	cps
Yttrium	89-2	5973884	6025643	6006178	6001902	0.44	cps
Zinc	66-2	58501	59341	60157	59333	1.40	cps
Zirconium	90-1	86526	87666	88656	87616	1.22	cps
Zirconium	91-1	19506	19356	19586	19483	0.60	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24004870	23495584	22925386	23475280	2.30	cps
Antimony	121-1	770494	788720	785838	781684	1.25	cps
Arsenic	75-2	134849	135014	134466	134776	0.21	cps
Barium	135-1	5640869	5735887	5835437	5737397	1.70	cps
Barium	137-1	9935792	9955451	9947123	9946122	0.10	cps
Beryllium	9-1	67757	68623	69635	68672	1.37	cps
Bismuth	209-1	9971882	9930071	10036712	9979555	0.54	cps
Bismuth	209-2	7642187	7565994	7602894	7603692	0.50	cps
Bromine	81-1	15762	15745	16039	15849	1.04	cps
Bromine	81-2	1220	1160	1140	1173	3.55	cps
Cadmium	108-1	7285	7419	7065	7256	2.46	cps
Cadmium	106-1	15055	15605	15435	15365	1.83	cps
Cadmium	111-1	104700	107791	108235	106908	1.80	cps
Calcium	43-1	753996	764281	764220	760832	0.78	cps
Calcium	44-1	11495605	11519595	11619136	11544779	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2054863	2069515	2026196	2050191	1.07	cps
Cobalt	59-2	4044325	4020694	4019707	4028242	0.35	cps
Copper	63-2	2732832	2744419	2761582	2746278	0.53	cps
Dysprosium	156-1	97019	98570	96868	97485	0.97	cps
Dysprosium	156-2	76366	76336	76862	76522	0.39	cps
Erbium	164-1	81137	81506	81516	81386	0.26	cps
Erbium	164-2	53298	53609	53181	53362	0.41	cps
Gadolinium	160-1	88910	91268	92962	91047	2.24	cps
Gadolinium	160-2	66102	64718	64186	65002	1.52	cps
Holmium	165-1	16931032	16974896	17212440	17039456	0.89	cps
Holmium	165-2	11401752	11391877	11543599	11445743	0.74	cps
Indium	115-1	14695205	14573142	14758147	14675498	0.64	cps
Indium	115-2	4808328	4763552	4855960	4809280	0.96	cps
Iron	56-2	853747587	872362254	864649374	863586405	1.08	cps
Iron	57-2	21481355	21485586	21276615	21414519	0.56	cps
Iron	54-2	48175429	47966633	46725264	47622442	1.65	cps
Krypton	83-1	467	570	560	532	10.71	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	455516	460561	460114	458730	0.61	cps
Lead	207-1	389063	397372	397860	394765	1.25	cps
Lead	208-1	1790906	1812892	1821460	1808419	0.87	cps
Lithium	6-1	1930148	1881496	1865007	1892217	1.79	cps
Magnesium	24-2	22720100	22718253	22254820	22564391	1.19	cps
Manganese	55-2	28204650	28165245	27869420	28079772	0.65	cps
Molybdenum	94-1	167541	170542	168480	168854	0.91	cps
Molybdenum	95-1	12209	12138	12225	12191	0.38	cps
Molybdenum	96-1	46811	46470	46480	46587	0.42	cps
Molybdenum	97-1	7262	7315	7352	7310	0.62	cps
Molybdenum	98-1	18559	18395	18231	18395	0.89	cps
Neodymium	150-1	166940	173265	170592	170266	1.86	cps
Neodymium	150-2	95430	94558	94149	94712	0.69	cps
Nickel	60-2	1152066	1143280	1127480	1140942	1.09	cps
Phosphorus	31-2	34552	34515	34071	34380	0.78	cps
Potassium	39-2	6264727	6261555	6318944	6281742	0.51	cps
Rhodium	103-1	14140673	14093038	14129585	14121099	0.18	cps
Rhodium	103-2	8590628	8578733	8716233	8628531	0.88	cps
Scandium	45-1	11421620	11265967	11329394	11338994	0.69	cps
Scandium	45-2	1020619	1024805	1026348	1023924	0.29	cps
Selenium	82-1	18307	18724	18427	18486	1.16	cps
Selenium	77-2	2090	1947	2134	2057	4.75	cps
Selenium	78-2	6365	6098	6258	6240	2.15	cps
Silicon	28-1	58393104	58341071	57522912	58085696	0.84	cps
Silver	107-1	439592	443832	448576	444000	1.01	cps
Silver	109-1	408732	415772	418456	414320	1.21	cps
Sodium	23-2	339309	338752	345192	341084	1.05	cps
Strontium	86-1	426998	435744	429063	430601	1.06	cps
Strontium	88-1	3728110	3800980	3769074	3766055	0.97	cps
Sulfur	34-1	253103	257153	253985	254747	0.84	cps
Terbium	159-1	17840591	17775322	17531822	17715912	0.92	cps
Terbium	159-2	11604449	11678900	11405112	11562820	1.22	cps
Thallium	203-1	305341	308415	308958	307571	0.63	cps
Thallium	205-1	716579	726683	728247	723836	0.87	cps
Tin	118-1	36804	37382	36904	37030	0.83	cps
Titanium	47-1	2545933	2632726	2597363	2592007	1.68	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:31:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32249	32483	32419	32384	0.37	cps
Vanadium	51-2	3686370	3721667	3620260	3676099	1.40	cps
Yttrium	89-1	25851188	25952605	26085970	25963255	0.45	cps
Yttrium	89-2	6176926	6164161	6222946	6188011	0.50	cps
Zinc	66-2	619547	620412	625795	621918	0.54	cps
Zirconium	90-1	446107	453635	448413	449385	0.86	cps
Zirconium	91-1	98502	100944	100482	99976	1.30	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24559355	24165700	24172015	24299024	0.93	cps
Antimony	121-1	4028614	4001909	4052094	4027539	0.62	cps
Arsenic	75-2	210275	207582	207481	208446	0.76	cps
Barium	135-1	24717174	24321607	24418468	24485750	0.84	cps
Barium	137-1	42323447	42457389	42127345	42302727	0.39	cps
Beryllium	9-1	363736	368147	377190	369691	1.86	cps
Bismuth	209-1	9832837	9953193	9894191	9893407	0.61	cps
Bismuth	209-2	7593300	7592988	7712344	7632877	0.90	cps
Bromine	81-1	14891	15231	15525	15216	2.09	cps
Bromine	81-2	1093	1107	1330	1177	11.30	cps
Cadmium	108-1	33622	34294	34615	34177	1.48	cps
Cadmium	106-1	53007	53722	53070	53266	0.74	cps
Cadmium	111-1	515220	522101	516163	517828	0.72	cps
Calcium	43-1	726992	736049	729702	730914	0.64	cps
Calcium	44-1	10942372	11280909	11301603	11174961	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6001197	5918070	5996505	5971924	0.78	cps
Cobalt	59-2	19312037	18963088	18871543	19048889	1.22	cps
Copper	63-2	7859008	7858398	7752303	7823237	0.79	cps
Dysprosium	156-1	92569	94462	93126	93386	1.04	cps
Dysprosium	156-2	74570	74831	74838	74746	0.20	cps
Erbium	164-1	78683	79367	78868	78973	0.45	cps
Erbium	164-2	51976	51712	51836	51841	0.26	cps
Gadolinium	160-1	88018	89222	89225	88821	0.78	cps
Gadolinium	160-2	62542	63092	62646	62760	0.47	cps
Holmium	165-1	17025013	17094116	16924474	17014534	0.50	cps
Holmium	165-2	11497734	11415706	11645872	11519771	1.01	cps
Indium	115-1	14717820	14785022	14531352	14678065	0.90	cps
Indium	115-2	4736810	4812050	4806707	4785189	0.88	cps
Iron	56-2	851422014	862551534	849117587	854363712	0.84	cps
Iron	57-2	21019479	21147380	20882148	21016335	0.63	cps
Iron	54-2	46589021	47436336	47288116	47104491	0.96	cps
Krypton	83-1	513	570	563	549	5.64	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	844723	855054	845294	848357	0.68	cps
Lead	207-1	732696	734245	740955	735966	0.60	cps
Lead	208-1	3548197	3597572	3602976	3582915	0.84	cps
Lithium	6-1	1874661	1918974	1947270	1913635	1.91	cps
Magnesium	24-2	22082188	21735952	21632954	21817031	1.08	cps
Manganese	55-2	33725017	33992925	33647370	33788438	0.54	cps
Molybdenum	94-1	159818	163179	164219	162405	1.42	cps
Molybdenum	95-1	11838	12295	12012	12048	1.91	cps
Molybdenum	96-1	44889	45467	44969	45108	0.69	cps
Molybdenum	97-1	6648	7085	7088	6941	3.65	cps
Molybdenum	98-1	18041	17828	18295	18055	1.30	cps
Neodymium	150-1	165551	166076	163668	165098	0.77	cps
Neodymium	150-2	92937	92562	92867	92789	0.21	cps
Nickel	60-2	5189339	5111019	5088537	5129632	1.03	cps
Phosphorus	31-2	33143	33019	33751	33304	1.18	cps
Potassium	39-2	6077443	6103235	6078131	6086270	0.24	cps
Rhodium	103-1	14187045	14043053	13861603	14030567	1.16	cps
Rhodium	103-2	8666563	8605278	8626227	8632690	0.36	cps
Scandium	45-1	11119716	11473921	11468959	11354199	1.79	cps
Scandium	45-2	1015622	1005725	1006243	1009197	0.55	cps
Selenium	82-1	79590	80912	80476	80326	0.84	cps
Selenium	77-2	7982	7759	7845	7862	1.43	cps
Selenium	78-2	25459	25302	25662	25474	0.71	cps
Silicon	28-1	54475841	56120408	55386564	55327604	1.49	cps
Silver	107-1	2157541	2203335	2210281	2190386	1.31	cps
Silver	109-1	2312641	2056594	2106422	2158552	6.29	cps
Sodium	23-2	340110	339564	336993	338889	0.49	cps
Strontium	86-1	412144	420469	413023	415212	1.10	cps
Strontium	88-1	3585270	3717709	3729468	3677483	2.18	cps
Sulfur	34-1	248885	244807	242214	245302	1.37	cps
Terbium	159-1	17635865	17659205	17877732	17724267	0.75	cps
Terbium	159-2	11494284	11456223	11519127	11489878	0.28	cps
Thallium	203-1	1536862	1538478	1565877	1547073	1.05	cps
Thallium	205-1	4128135	4068246	4165875	4120752	1.19	cps
Tin	118-1	34702	34518	35845	35021	2.05	cps
Titanium	47-1	2444504	2558117	2532813	2511812	2.37	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MS	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:34:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31948	31534	31828	31770	0.67	cps
Vanadium	51-2	12487899	12351372	12536236	12458503	0.77	cps
Yttrium	89-1	25911440	25902050	26098717	25970736	0.43	cps
Yttrium	89-2	6102963	6104463	6119151	6108859	0.15	cps
Zinc	66-2	2300777	2289715	2263737	2284743	0.83	cps
Zirconium	90-1	430175	431233	435849	432419	0.70	cps
Zirconium	91-1	96981	98082	96971	97345	0.66	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16741819	16932975	16711982	16795592	0.71	cps
Antimony	121-1	17474	18025	17828	17776	1.57	cps
Arsenic	75-2	132323	131157	131590	131690	0.45	cps
Barium	135-1	2588307	2617142	2621564	2609005	0.69	cps
Barium	137-1	4451904	4538004	4419476	4469794	1.37	cps
Beryllium	9-1	4424	4664	4661	4583	3.00	cps
Bismuth	209-1	9938625	10069928	9887073	9965209	0.95	cps
Bismuth	209-2	7813220	7686974	7676340	7725511	0.99	cps
Bromine	81-1	14430	14080	14694	14402	2.14	cps
Bromine	81-2	883	890	790	854	6.54	cps
Cadmium	108-1	727	717	723	722	0.71	cps
Cadmium	106-1	6295	6201	6201	6232	0.86	cps
Cadmium	111-1	8468	8727	8886	8694	2.42	cps
Calcium	43-1	453902	460550	460596	458349	0.84	cps
Calcium	44-1	6897401	6925646	7063725	6962257	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	993915	989722	977575	987071	0.86	cps
Cobalt	59-2	863273	852774	846176	854075	1.01	cps
Copper	63-2	1819534	1816051	1800437	1812007	0.56	cps
Dysprosium	156-1	97670	97767	97761	97733	0.06	cps
Dysprosium	156-2	77781	76729	76507	77006	0.88	cps
Erbium	164-1	77403	78667	78485	78185	0.87	cps
Erbium	164-2	51662	51170	51739	51524	0.60	cps
Gadolinium	160-1	88457	88893	90205	89185	1.02	cps
Gadolinium	160-2	64059	63567	63339	63655	0.58	cps
Holmium	165-1	17047793	17078541	17052997	17059777	0.10	cps
Holmium	165-2	11452192	11263907	11469063	11395054	1.00	cps
Indium	115-1	14663527	14617150	14750155	14676944	0.46	cps
Indium	115-2	4742426	4817193	4742762	4767460	0.90	cps
Iron	56-2	961417026	949290279	949057426	953254910	0.74	cps
Iron	57-2	23122200	23568144	23264191	23318178	0.98	cps
Iron	54-2	52489123	52295249	52394039	52392804	0.19	cps
Krypton	83-1	480	560	540	527	7.91	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	629868	635119	645856	636948	1.28	cps
Lead	207-1	557760	564885	558893	560513	0.68	cps
Lead	208-1	2512536	2544974	2555566	2537692	0.88	cps
Lithium	6-1	1919156	1882289	1854679	1885375	1.72	cps
Magnesium	24-2	14660641	14794493	14611816	14688983	0.64	cps
Manganese	55-2	42645771	42293019	41987822	42308871	0.78	cps
Molybdenum	94-1	172767	172543	171933	172415	0.25	cps
Molybdenum	95-1	13006	12732	12405	12715	2.36	cps
Molybdenum	96-1	48390	48530	47982	48301	0.59	cps
Molybdenum	97-1	7065	7682	7702	7483	4.84	cps
Molybdenum	98-1	18458	18652	18705	18605	0.70	cps
Neodymium	150-1	174128	175754	176771	175551	0.76	cps
Neodymium	150-2	97159	98078	96972	97403	0.61	cps
Nickel	60-2	342845	346623	341638	343702	0.76	cps
Phosphorus	31-2	46437	45895	45360	45898	1.17	cps
Potassium	39-2	6266819	6336544	6213695	6272353	0.98	cps
Rhodium	103-1	14192729	14130410	14181395	14168178	0.23	cps
Rhodium	103-2	8626438	8575715	8641228	8614460	0.40	cps
Scandium	45-1	11195869	11333809	11373790	11301156	0.83	cps
Scandium	45-2	1012036	1024131	1004631	1013599	0.97	cps
Selenium	82-1	851	831	860	847	1.76	cps
Selenium	77-2	480	463	447	463	3.60	cps
Selenium	78-2	757	780	723	753	3.78	cps
Silicon	28-1	63829819	65861491	65547751	65079687	1.68	cps
Silver	107-1	9567	8102	7796	8488	11.15	cps
Silver	109-1	8663	7612	7215	7830	9.55	cps
Sodium	23-2	297632	300927	303313	300624	0.95	cps
Strontium	86-1	449791	457689	456766	454749	0.95	cps
Strontium	88-1	4046868	4132957	4068642	4082822	1.10	cps
Sulfur	34-1	263200	262491	260407	262033	0.55	cps
Terbium	159-1	17936034	17543182	17885355	17788190	1.20	cps
Terbium	159-2	11545189	11622606	11413148	11526981	0.92	cps
Thallium	203-1	4104	4504	4481	4363	5.15	cps
Thallium	205-1	10204	10097	10181	10161	0.55	cps
Tin	118-1	33425	33773	33766	33655	0.59	cps
Titanium	47-1	2462313	2490989	2525559	2492954	1.27	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-18	Instrumnet Name :	P7
Client Sample ID :	MYD0W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:37:12	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34551	35504	34846	34967	1.39	cps
Vanadium	51-2	1855956	1850966	1822929	1843284	0.97	cps
Yttrium	89-1	25752044	25988387	25748340	25829590	0.53	cps
Yttrium	89-2	6055802	6082863	6120700	6086455	0.54	cps
Zinc	66-2	522677	520424	518660	520587	0.39	cps
Zirconium	90-1	456026	458643	459808	458159	0.42	cps
Zirconium	91-1	100444	101754	102897	101698	1.21	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17279022	17203347	16938599	17140323	1.04	cps
Antimony	121-1	17701	18479	17958	18046	2.20	cps
Arsenic	75-2	110521	111062	110172	110585	0.41	cps
Barium	135-1	5128562	5216467	5411773	5252267	2.76	cps
Barium	137-1	8813691	9001663	8948064	8921139	1.09	cps
Beryllium	9-1	5279	5235	5320	5278	0.81	cps
Bismuth	209-1	10298714	9924618	9738288	9987207	2.86	cps
Bismuth	209-2	7717173	7686787	7699503	7701154	0.20	cps
Bromine	81-1	14350	14424	15208	14661	3.24	cps
Bromine	81-2	1160	947	1073	1060	10.12	cps
Cadmium	108-1	857	727	793	792	8.21	cps
Cadmium	106-1	6512	6325	6025	6287	3.91	cps
Cadmium	111-1	8883	8870	8646	8799	1.51	cps
Calcium	43-1	468647	481514	496430	482197	2.88	cps
Calcium	44-1	7261752	7215122	7161928	7212934	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	959564	961375	959888	960275	0.10	cps
Cobalt	59-2	807068	798583	792272	799308	0.93	cps
Copper	63-2	2012067	2033877	2002869	2016271	0.79	cps
Dysprosium	156-1	108421	109630	105627	107893	1.90	cps
Dysprosium	156-2	86373	86773	87084	86743	0.41	cps
Erbium	164-1	83699	82455	81666	82606	1.24	cps
Erbium	164-2	55968	56142	54245	55452	1.89	cps
Gadolinium	160-1	96090	96647	98658	97132	1.39	cps
Gadolinium	160-2	70432	69139	68644	69405	1.33	cps
Holmium	165-1	17155022	17470991	16690704	17105573	2.29	cps
Holmium	165-2	11594288	11573605	11612550	11593481	0.17	cps
Indium	115-1	14223069	14506854	14308667	14346196	1.01	cps
Indium	115-2	4770212	4709822	4874644	4784893	1.74	cps
Iron	56-2	875441320	866705054	874918360	872354911	0.56	cps
Iron	57-2	21349620	21758731	21464518	21524290	0.98	cps
Iron	54-2	47877728	48061428	48046336	47995164	0.21	cps
Krypton	83-1	533	540	507	527	3.35	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	653662	652754	641811	649409	1.02	cps
Lead	207-1	555742	579117	584922	573260	2.69	cps
Lead	208-1	2559478	2581636	2579402	2573505	0.47	cps
Lithium	6-1	1862040	1777570	1774024	1804545	2.76	cps
Magnesium	24-2	13654580	13555499	13368841	13526306	1.07	cps
Manganese	55-2	68342886	68317261	68515096	68391747	0.16	cps
Molybdenum	94-1	181449	189297	187346	186031	2.20	cps
Molybdenum	95-1	12299	12952	13199	12817	3.63	cps
Molybdenum	96-1	49306	49032	47878	48739	1.56	cps
Molybdenum	97-1	7012	7395	7128	7178	2.74	cps
Molybdenum	98-1	17891	17000	17484	17458	2.56	cps
Neodymium	150-1	203698	200265	203450	202471	0.95	cps
Neodymium	150-2	114369	112676	114376	113807	0.86	cps
Nickel	60-2	386410	380743	384826	383993	0.76	cps
Phosphorus	31-2	38254	37760	37616	37877	0.88	cps
Potassium	39-2	4641861	4634843	4630497	4635734	0.12	cps
Rhodium	103-1	14669181	14125532	13985926	14260213	2.53	cps
Rhodium	103-2	8651282	8621034	8750025	8674113	0.78	cps
Scandium	45-1	11254489	11120459	11099774	11158241	0.75	cps
Scandium	45-2	1016247	1011589	1012666	1013500	0.24	cps
Selenium	82-1	819	833	954	869	8.53	cps
Selenium	77-2	443	553	540	512	11.72	cps
Selenium	78-2	783	930	793	836	9.81	cps
Silicon	28-1	65610416	61004067	60254576	62289686	4.66	cps
Silver	107-1	7639	7469	7692	7600	1.54	cps
Silver	109-1	6682	7282	6708	6891	4.92	cps
Sodium	23-2	308284	310044	311853	310061	0.58	cps
Strontium	86-1	622087	641693	627296	630359	1.61	cps
Strontium	88-1	5394404	5703466	5821613	5639828	3.91	cps
Sulfur	34-1	253456	250236	243618	249103	2.01	cps
Terbium	159-1	17421507	17959017	18221877	17867467	2.28	cps
Terbium	159-2	11760730	11442366	11407009	11536701	1.69	cps
Thallium	203-1	5278	5314	5525	5372	2.48	cps
Thallium	205-1	12883	12563	12886	12777	1.45	cps
Tin	118-1	35085	32129	31929	33047	5.35	cps
Titanium	47-1	2909824	2810733	2823002	2847853	1.90	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-19	Instrumnet Name :	P7
Client Sample ID :	MYD0W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:40:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38268	39054	39693	39005	1.83	cps
Vanadium	51-2	1651124	1664442	1669644	1661737	0.57	cps
Yttrium	89-1	25394635	26073468	27108904	26192335	3.30	cps
Yttrium	89-2	6273042	6143359	6240340	6218914	1.08	cps
Zinc	66-2	347106	349938	348679	348574	0.41	cps
Zirconium	90-1	483820	489729	496231	489927	1.27	cps
Zirconium	91-1	111796	108907	107117	109273	2.16	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21231130	21489926	21109902	21276986	0.91	cps
Antimony	121-1	8996	9136	8839	8991	1.65	cps
Arsenic	75-2	108409	109775	107573	108586	1.02	cps
Barium	135-1	2334484	2337432	2358676	2343531	0.56	cps
Barium	137-1	4020611	4003587	4017719	4013972	0.23	cps
Beryllium	9-1	5689	5562	5563	5605	1.30	cps
Bismuth	209-1	9807593	9804304	9820267	9810721	0.09	cps
Bismuth	209-2	7606640	7589179	7741065	7645628	1.09	cps
Bromine	81-1	17714	18425	19359	18499	4.46	cps
Bromine	81-2	1743	1740	1660	1715	2.75	cps
Cadmium	108-1	670	640	613	641	4.42	cps
Cadmium	106-1	5991	6245	5955	6064	2.61	cps
Cadmium	111-1	6075	6400	6039	6171	3.22	cps
Calcium	43-1	567988	573687	589792	577155	1.96	cps
Calcium	44-1	8493155	8591709	8642472	8575779	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1060718	1072057	1056780	1063185	0.75	cps
Cobalt	59-2	740683	740047	737057	739262	0.26	cps
Copper	63-2	1473830	1478338	1468755	1473641	0.33	cps
Dysprosium	156-1	120253	120579	117826	119553	1.26	cps
Dysprosium	156-2	94392	94740	96160	95097	0.99	cps
Erbium	164-1	85989	86670	87833	86831	1.07	cps
Erbium	164-2	58756	58716	57675	58382	1.05	cps
Gadolinium	160-1	105167	106648	107092	106303	0.95	cps
Gadolinium	160-2	76102	76474	74701	75759	1.23	cps
Holmium	165-1	17628147	17113045	16736208	17159133	2.61	cps
Holmium	165-2	11643089	11375959	11405812	11474953	1.28	cps
Indium	115-1	14603042	14430742	14318079	14450621	0.99	cps
Indium	115-2	4761473	4810177	4754575	4775409	0.63	cps
Iron	56-2	877744787	884497747	874374014	878872182	0.59	cps
Iron	57-2	21619606	21760862	21734027	21704832	0.35	cps
Iron	54-2	48183724	47731958	47583176	47832953	0.65	cps
Krypton	83-1	423	493	527	481	10.96	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	438854	435704	434180	436246	0.55	cps
Lead	207-1	386081	388277	391458	388605	0.70	cps
Lead	208-1	1732292	1724933	1742881	1733369	0.52	cps
Lithium	6-1	1775695	1801431	1817191	1798106	1.16	cps
Magnesium	24-2	14365883	14399222	14022874	14262660	1.46	cps
Manganese	55-2	30729060	30594144	30792373	30705192	0.33	cps
Molybdenum	94-1	202999	203757	203994	203583	0.26	cps
Molybdenum	95-1	8859	8929	8873	8887	0.42	cps
Molybdenum	96-1	48577	47741	48433	48251	0.93	cps
Molybdenum	97-1	5448	5298	5468	5404	1.72	cps
Molybdenum	98-1	12769	12736	13099	12868	1.56	cps
Neodymium	150-1	229487	235270	234178	232978	1.32	cps
Neodymium	150-2	133412	131882	130683	131992	1.04	cps
Nickel	60-2	394976	390034	390958	391989	0.67	cps
Phosphorus	31-2	37359	38024	37452	37612	0.96	cps
Potassium	39-2	3801592	3814887	3801241	3805907	0.20	cps
Rhodium	103-1	14119988	13922624	14039316	14027309	0.71	cps
Rhodium	103-2	8667247	8693337	8592857	8651147	0.60	cps
Scandium	45-1	10882193	11200521	11028191	11036968	1.44	cps
Scandium	45-2	1028845	1032524	1012097	1024489	1.06	cps
Selenium	82-1	1000	925	937	954	4.27	cps
Selenium	77-2	497	480	550	509	7.19	cps
Selenium	78-2	850	923	753	842	10.12	cps
Silicon	28-1	62045686	62338269	63256029	62546661	1.01	cps
Silver	107-1	4697	5131	5111	4980	4.91	cps
Silver	109-1	4634	4507	4261	4467	4.25	cps
Sodium	23-2	348348	352071	350881	350434	0.54	cps
Strontium	86-1	585232	585228	576339	582266	0.88	cps
Strontium	88-1	5082036	5239621	5217830	5179829	1.65	cps
Sulfur	34-1	250853	245996	242627	246492	1.68	cps
Terbium	159-1	18157828	18137023	18016362	18103738	0.42	cps
Terbium	159-2	11495429	11653588	11253601	11467539	1.76	cps
Thallium	203-1	4224	4668	4251	4381	5.68	cps
Thallium	205-1	9957	10284	10000	10080	1.76	cps
Tin	118-1	38321	39561	38889	38924	1.59	cps
Titanium	47-1	3303963	3338392	3402658	3348338	1.50	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-20	Instrumnet Name :	P7
Client Sample ID :	MYD0W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:43:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42327	42963	43645	42978	1.53	cps
Vanadium	51-2	1756174	1779439	1736921	1757512	1.21	cps
Yttrium	89-1	25659316	26232166	27046435	26312639	2.65	cps
Yttrium	89-2	6324671	6282269	6201509	6269483	1.00	cps
Zinc	66-2	278761	280115	275636	278171	0.83	cps
Zirconium	90-1	539323	542678	545857	542619	0.60	cps
Zirconium	91-1	118981	118863	118779	118874	0.09	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23993241	23592067	23847486	23810932	0.85	cps
Antimony	121-1	32580	33385	33412	33126	1.43	cps
Arsenic	75-2	110357	108879	107933	109056	1.12	cps
Barium	135-1	2317373	2329583	2361403	2336120	0.97	cps
Barium	137-1	3981900	4052634	3999091	4011208	0.92	cps
Beryllium	9-1	6191	6053	6138	6128	1.14	cps
Bismuth	209-1	10142562	10220940	10302564	10222022	0.78	cps
Bismuth	209-2	6906753	7956969	7652656	7505459	7.20	cps
Bromine	81-1	20858	21693	22040	21530	2.82	cps
Bromine	81-2	2490	2280	2214	2328	6.20	cps
Cadmium	108-1	667	560	667	631	9.76	cps
Cadmium	106-1	5885	5748	6241	5958	4.28	cps
Cadmium	111-1	4796	4785	5119	4900	3.87	cps
Calcium	43-1	647495	659032	660990	655839	1.11	cps
Calcium	44-1	10307009	10541508	10092691	10313736	2.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1053094	1038274	1043694	1045021	0.72	cps
Cobalt	59-2	746615	731488	744985	741029	1.12	cps
Copper	63-2	1155266	1134844	1149329	1146479	0.92	cps
Dysprosium	156-1	129874	129877	133006	130919	1.38	cps
Dysprosium	156-2	107199	107141	107749	107363	0.31	cps
Erbium	164-1	96282	98161	99293	97912	1.55	cps
Erbium	164-2	64023	62881	63396	63433	0.90	cps
Gadolinium	160-1	117087	117824	116506	117139	0.56	cps
Gadolinium	160-2	85009	83518	84714	84414	0.94	cps
Holmium	165-1	16787316	16776241	16908786	16824114	0.44	cps
Holmium	165-2	10540180	11708094	11458426	11235567	5.47	cps
Indium	115-1	14606985	14750309	14392873	14583389	1.23	cps
Indium	115-2	4384574	4878761	4803743	4689026	5.68	cps
Iron	56-2	872610654	869909667	872175720	871565347	0.17	cps
Iron	57-2	21527402	21388937	21316483	21410941	0.50	cps
Iron	54-2	48301408	48291338	47996293	48196346	0.36	cps
Krypton	83-1	517	523	477	506	4.99	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	304468	308247	312537	308417	1.31	cps
Lead	207-1	261429	263460	261390	262093	0.45	cps
Lead	208-1	1208085	1221689	1212937	1214237	0.57	cps
Lithium	6-1	2037117	2054367	1794841	1962108	7.40	cps
Magnesium	24-2	14686693	14410076	14462882	14519884	1.01	cps
Manganese	55-2	29001130	28220467	28297249	28506282	1.51	cps
Molybdenum	94-1	219954	223165	222620	221913	0.77	cps
Molybdenum	95-1	8002	8029	8129	8053	0.83	cps
Molybdenum	96-1	52504	52946	54153	53201	1.60	cps
Molybdenum	97-1	4524	4771	4604	4633	2.72	cps
Molybdenum	98-1	11635	12035	11925	11865	1.74	cps
Neodymium	150-1	279001	285445	277030	280492	1.57	cps
Neodymium	150-2	154618	150168	153571	152785	1.52	cps
Nickel	60-2	419444	418541	413078	417021	0.83	cps
Phosphorus	31-2	42980	41426	42429	42278	1.86	cps
Potassium	39-2	3210761	3131655	3129144	3157187	1.47	cps
Rhodium	103-1	14510311	14546682	14381075	14479356	0.60	cps
Rhodium	103-2	7873705	9021516	8695196	8530139	6.93	cps
Scandium	45-1	11727265	11983847	11324055	11678389	2.85	cps
Scandium	45-2	948392	1054472	1021494	1008119	5.39	cps
Selenium	82-1	936	913	928	926	1.26	cps
Selenium	77-2	660	647	563	623	8.40	cps
Selenium	78-2	920	877	957	918	4.36	cps
Silicon	28-1	65904287	65849399	66626872	66126853	0.66	cps
Silver	107-1	2820	3040	2927	2929	3.76	cps
Silver	109-1	2657	2637	2804	2699	3.37	cps
Sodium	23-2	409380	407859	407395	408211	0.25	cps
Strontium	86-1	598770	609425	608447	605547	0.97	cps
Strontium	88-1	5280300	5364678	5370281	5338420	0.94	cps
Sulfur	34-1	237896	237906	238628	238144	0.18	cps
Terbium	159-1	17457991	17468543	17496427	17474320	0.11	cps
Terbium	159-2	10468759	11935337	11585653	11329916	6.76	cps
Thallium	203-1	3734	3567	3731	3677	2.59	cps
Thallium	205-1	8683	8930	8940	8851	1.64	cps
Tin	118-1	38743	38889	39113	38915	0.48	cps
Titanium	47-1	3915383	3948565	3918500	3927483	0.47	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-21	Instrumnet Name :	P7
Client Sample ID :	MYD0W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:46:27	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42250	41749	42775	42258	1.21	cps
Vanadium	51-2	1741675	1765328	1756174	1754392	0.68	cps
Yttrium	89-1	25460007	25591449	25598311	25549922	0.31	cps
Yttrium	89-2	5831095	6377668	6328306	6179023	4.89	cps
Zinc	66-2	246768	243295	249628	246564	1.29	cps
Zirconium	90-1	605480	615443	602579	607834	1.11	cps
Zirconium	91-1	136256	140176	141067	139166	1.84	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18078467	18098703	18095039	18090736	0.06	cps
Antimony	121-1	6465077	6413726	6479668	6452824	0.54	cps
Arsenic	75-2	384432	379588	382576	382199	0.64	cps
Barium	135-1	8227168	8333241	8336244	8298884	0.75	cps
Barium	137-1	14630869	14640707	14399911	14557162	0.94	cps
Beryllium	9-1	1221046	1243933	1247956	1237645	1.17	cps
Bismuth	209-1	9274576	9469605	9212120	9318767	1.44	cps
Bismuth	209-2	7381537	7248507	7340018	7323354	0.93	cps
Bromine	81-1	11711	12072	11595	11793	2.11	cps
Bromine	81-2	147	190	200	179	15.85	cps
Cadmium	108-1	124384	126567	127091	126014	1.14	cps
Cadmium	106-1	183227	187241	181369	183945	1.63	cps
Cadmium	111-1	1756359	1710501	1693790	1720217	1.88	cps
Calcium	43-1	11435467	11372142	11224769	11344126	0.95	cps
Calcium	44-1	180760391	179030497	179565417	179785435	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3397502	3384561	3333023	3371695	1.01	cps
Cobalt	59-2	5337257	5313840	5439119	5363405	1.24	cps
Copper	63-2	37417374	37163788	37476148	37352437	0.44	cps
Dysprosium	156-1	317	343	287	316	8.98	cps
Dysprosium	156-2	477	507	400	461	11.93	cps
Erbium	164-1	420	397	353	390	8.67	cps
Erbium	164-2	260	273	267	267	2.50	cps
Gadolinium	160-1	277	293	277	282	3.41	cps
Gadolinium	160-2	493	427	527	482	10.56	cps
Holmium	165-1	16903429	16196897	16296024	16465450	2.32	cps
Holmium	165-2	11439134	11240174	11284400	11321236	0.92	cps
Indium	115-1	14074907	13661433	13515235	13750525	2.11	cps
Indium	115-2	4505705	4424456	4487062	4472408	0.95	cps
Iron	56-2	700584230	690995563	696167936	695915910	0.69	cps
Iron	57-2	17272969	17130700	17130087	17177918	0.48	cps
Iron	54-2	38583987	37849759	38572548	38335431	1.10	cps
Krypton	83-1	370	397	370	379	4.06	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22576016	22457680	22612154	22548617	0.36	cps
Lead	207-1	19450251	19897967	19963618	19770612	1.41	cps
Lead	208-1	88917017	90716188	90459099	90030768	1.08	cps
Lithium	6-1	2070395	2028010	2120997	2073134	2.25	cps
Magnesium	24-2	156009651	155961008	154450338	155473665	0.57	cps
Manganese	55-2	23413914	23296445	23397773	23369377	0.27	cps
Molybdenum	94-1	27617319	27693454	27875549	27728774	0.48	cps
Molybdenum	95-1	39785283	40331444	40123278	40080002	0.69	cps
Molybdenum	96-1	44115521	44193051	43741954	44016842	0.55	cps
Molybdenum	97-1	25003780	24941546	24823281	24922869	0.37	cps
Molybdenum	98-1	64711302	63713321	63307481	63910701	1.13	cps
Neodymium	150-1	413	463	480	452	7.67	cps
Neodymium	150-2	113	123	110	116	6.01	cps
Nickel	60-2	1340327	1308315	1315204	1321282	1.28	cps
Phosphorus	31-2	202737	201559	199178	201158	0.90	cps
Potassium	39-2	95067789	95707369	95765152	95513436	0.41	cps
Rhodium	103-1	13279424	13312760	13144310	13245498	0.67	cps
Rhodium	103-2	7947569	7882179	7853353	7894367	0.61	cps
Scandium	45-1	10273341	10414490	10422534	10370122	0.81	cps
Scandium	45-2	895395	889547	898340	894427	0.50	cps
Selenium	82-1	118521	120996	119867	119795	1.03	cps
Selenium	77-2	10224	10584	10384	10397	1.74	cps
Selenium	78-2	35352	35506	35800	35553	0.64	cps
Silicon	28-1	16800213	17060880	17422191	17094428	1.83	cps
Silver	107-1	8746605	8922398	8622624	8763876	1.72	cps
Silver	109-1	8173537	8109541	8114586	8132555	0.44	cps
Sodium	23-2	271061696	269736023	270930943	270576220	0.27	cps
Strontium	86-1	60213634	59312897	59808179	59778237	0.75	cps
Strontium	88-1	521688486	522608366	517934579	520743810	0.48	cps
Sulfur	34-1	1020274	1001184	999747	1007068	1.14	cps
Terbium	159-1	17158084	16945491	17117507	17073694	0.66	cps
Terbium	159-2	11306664	11487524	11514995	11436395	0.99	cps
Thallium	203-1	5690884	5511744	5629102	5610577	1.62	cps
Thallium	205-1	13376519	13167556	13293579	13279218	0.79	cps
Tin	118-1	5606824	5530461	5516675	5551320	0.87	cps
Titanium	47-1	11759185	11730650	11934244	11808026	0.93	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:49:31	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17613532	17759337	18023808	17798892	1.17	cps
Vanadium	51-2	3095411	3062063	3059294	3072256	0.65	cps
Yttrium	89-1	23626032	23846369	23653484	23708628	0.51	cps
Yttrium	89-2	5728653	5654447	5643834	5675645	0.81	cps
Zinc	66-2	5740923	5689397	5655832	5695384	0.75	cps
Zirconium	90-1	12631516	12861975	13009314	12834268	1.48	cps
Zirconium	91-1	2825298	2854354	2907999	2862550	1.47	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1753	1530	1553	1612	7.61	cps
Antimony	121-1	4421	4557	5141	4706	8.13	cps
Arsenic	75-2	33	57	27	39	40.51	cps
Barium	135-1	527	413	330	423	23.32	cps
Barium	137-1	830	607	503	647	25.82	cps
Beryllium	9-1	87	82	105	92	13.16	cps
Bismuth	209-1	10287413	10304645	9998147	10196735	1.69	cps
Bismuth	209-2	8198804	8052829	7994139	8081924	1.30	cps
Bromine	81-1	11551	11561	11148	11420	2.07	cps
Bromine	81-2	160	147	133	147	9.09	cps
Cadmium	108-1	27	23	27	26	7.55	cps
Cadmium	106-1	4664	4704	4607	4659	1.04	cps
Cadmium	111-1	3380	3400	3293	3358	1.69	cps
Calcium	43-1	1020	857	903	927	9.08	cps
Calcium	44-1	55363	54175	53048	54195	2.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1623	1730	1743	1699	3.87	cps
Cobalt	59-2	327	257	257	280	14.43	cps
Copper	63-2	5875	5948	6271	6031	3.50	cps
Dysprosium	156-1	17	20	7	14	48.02	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	100	120	137	119	15.44	cps
Erbium	164-2	70	57	70	66	11.74	cps
Gadolinium	160-1	63	103	73	80	26.03	cps
Gadolinium	160-2	413	340	370	374	9.85	cps
Holmium	165-1	16698311	16329747	16522664	16516907	1.12	cps
Holmium	165-2	11612799	11455738	11402895	11490477	0.95	cps
Indium	115-1	14653344	14778789	14603605	14678579	0.62	cps
Indium	115-2	4915963	4870184	4857337	4881161	0.63	cps
Iron	56-2	54445	55077	56834	55452	2.23	cps
Iron	57-2	2807	2774	3050	2877	5.25	cps
Iron	54-2	4427	4294	4654	4458	4.08	cps
Krypton	83-1	390	347	337	358	7.92	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2870	2354	2277	2500	12.91	cps
Lead	207-1	2314	2384	2027	2241	8.43	cps
Lead	208-1	10942	9818	9045	9935	9.60	cps
Lithium	6-1	2190756	2131272	2204663	2175563	1.79	cps
Magnesium	24-2	6808	6531	7152	6830	4.55	cps
Manganese	55-2	1570	1640	1640	1617	2.50	cps
Molybdenum	94-1	3000	2804	2867	2890	3.47	cps
Molybdenum	95-1	3087	2600	2284	2657	15.23	cps
Molybdenum	96-1	3544	2880	3064	3163	10.83	cps
Molybdenum	97-1	1983	1587	1523	1698	14.69	cps
Molybdenum	98-1	4767	4047	3991	4268	10.15	cps
Neodymium	150-1	23	3	13	13	75.02	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	343	307	363	338	8.51	cps
Phosphorus	31-2	260	237	160	219	23.90	cps
Potassium	39-2	101999	101368	99777	101048	1.13	cps
Rhodium	103-1	14638951	14372355	14294385	14435230	1.25	cps
Rhodium	103-2	8956582	8779360	8772974	8836305	1.18	cps
Scandium	45-1	10399692	10444788	10432694	10425725	0.22	cps
Scandium	45-2	918111	905143	902753	908669	0.91	cps
Selenium	82-1	523	541	597	554	6.98	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	523	353	433	437	19.48	cps
Silicon	28-1	410485	406972	408721	408726	0.43	cps
Silver	107-1	1503	1270	1163	1312	13.25	cps
Silver	109-1	1397	1163	873	1145	22.91	cps
Sodium	23-2	96822	94829	95309	95653	1.09	cps
Strontium	86-1	3340	2684	2650	2891	13.46	cps
Strontium	88-1	24007	18639	17180	19942	18.03	cps
Sulfur	34-1	317897	314890	316864	316550	0.48	cps
Terbium	159-1	17204313	17377081	17233624	17271673	0.54	cps
Terbium	159-2	11532927	11417693	11546897	11499172	0.62	cps
Thallium	203-1	1020	787	593	800	26.71	cps
Thallium	205-1	2247	1750	1573	1857	18.80	cps
Tin	118-1	3000	3267	3507	3258	7.78	cps
Titanium	47-1	1083	957	913	984	8.97	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:52:16	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	703	610	557	623	11.91	cps
Vanadium	51-2	127	177	200	168	22.33	cps
Yttrium	89-1	23839930	24101806	23969971	23970569	0.55	cps
Yttrium	89-2	5780787	5822634	5845897	5816439	0.57	cps
Zinc	66-2	2910	2804	2644	2786	4.82	cps
Zirconium	90-1	3460	3527	3834	3607	5.52	cps
Zirconium	91-1	777	793	817	796	2.53	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32547101	32439615	32847568	32611428	0.65	cps
Antimony	121-1	13213	13363	13807	13461	2.29	cps
Arsenic	75-2	155529	152942	152780	153750	1.00	cps
Barium	135-1	686932	683984	686357	685758	0.23	cps
Barium	137-1	1168233	1182389	1185744	1178789	0.79	cps
Beryllium	9-1	2863	3131	3088	3027	4.76	cps
Bismuth	209-1	9873150	9801349	9821058	9831852	0.38	cps
Bismuth	209-2	7625683	7663790	7726018	7671830	0.66	cps
Bromine	81-1	15261	14514	14751	14842	2.57	cps
Bromine	81-2	890	1027	990	969	7.30	cps
Cadmium	108-1	440	513	460	471	8.05	cps
Cadmium	106-1	5611	5705	5294	5537	3.88	cps
Cadmium	111-1	7717	7891	7198	7602	4.74	cps
Calcium	43-1	456213	458380	460905	458500	0.51	cps
Calcium	44-1	7037600	7206288	7064994	7102961	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1380391	1411711	1431832	1407978	1.84	cps
Cobalt	59-2	1039999	1028521	1034157	1034226	0.55	cps
Copper	63-2	2453787	2482978	2430857	2455874	1.06	cps
Dysprosium	156-1	91372	91764	93029	92055	0.94	cps
Dysprosium	156-2	68436	68633	68865	68644	0.31	cps
Erbium	164-1	95423	95812	94376	95204	0.78	cps
Erbium	164-2	63406	64033	64649	64029	0.97	cps
Gadolinium	160-1	97325	97224	96462	97004	0.49	cps
Gadolinium	160-2	69431	69662	69712	69602	0.22	cps
Holmium	165-1	17279751	17211582	17080448	17190594	0.59	cps
Holmium	165-2	11557668	11467653	11677289	11567536	0.91	cps
Indium	115-1	14611938	14521925	14588163	14574008	0.32	cps
Indium	115-2	4848996	4856594	4792010	4832533	0.73	cps
Iron	56-2	1250081688	1263505981	1265229688	1259605786	0.66	cps
Iron	57-2	30688745	30359355	30401062	30483054	0.59	cps
Iron	54-2	68794924	68473361	68011067	68426451	0.58	cps
Krypton	83-1	537	517	503	519	3.23	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	403279	407449	402897	404542	0.62	cps
Lead	207-1	351951	354050	355863	353954	0.55	cps
Lead	208-1	1599328	1609519	1598705	1602517	0.38	cps
Lithium	6-1	1941870	1939748	1893132	1924916	1.43	cps
Magnesium	24-2	39071428	37752089	38805949	38543155	1.81	cps
Manganese	55-2	16253249	16324659	16031092	16203000	0.94	cps
Molybdenum	94-1	50691	49999	50851	50514	0.90	cps
Molybdenum	95-1	13153	12462	12686	12767	2.76	cps
Molybdenum	96-1	30829	31431	31193	31151	0.97	cps
Molybdenum	97-1	7939	8049	7725	7904	2.08	cps
Molybdenum	98-1	19183	19840	19256	19426	1.85	cps
Neodymium	150-1	126878	127535	127574	127329	0.31	cps
Neodymium	150-2	71346	70609	71614	71190	0.73	cps
Nickel	60-2	377480	380566	376560	378202	0.55	cps
Phosphorus	31-2	45431	45163	44003	44866	1.69	cps
Potassium	39-2	5241020	5190163	5259956	5230380	0.69	cps
Rhodium	103-1	14214380	14081599	14007454	14101144	0.74	cps
Rhodium	103-2	8645579	8496499	8421635	8521238	1.34	cps
Scandium	45-1	12264884	12357643	12312939	12311822	0.38	cps
Scandium	45-2	1098074	1101141	1092690	1097302	0.39	cps
Selenium	82-1	943	1043	941	976	5.98	cps
Selenium	77-2	400	377	427	401	6.24	cps
Selenium	78-2	753	720	803	759	5.53	cps
Silicon	28-1	61901782	62196804	62040337	62046308	0.24	cps
Silver	107-1	7165	6928	6865	6986	2.26	cps
Silver	109-1	6872	6555	5948	6458	7.27	cps
Sodium	23-2	279447	277898	277679	278341	0.35	cps
Strontium	86-1	279877	280559	281986	280808	0.38	cps
Strontium	88-1	2553625	2536984	2492161	2527590	1.26	cps
Sulfur	34-1	293033	282997	277617	284549	2.75	cps
Terbium	159-1	18030614	17906254	17817758	17918209	0.60	cps
Terbium	159-2	11794171	11552662	11571683	11639505	1.15	cps
Thallium	203-1	2077	2124	2097	2099	1.12	cps
Thallium	205-1	4954	4978	5184	5039	2.51	cps
Tin	118-1	43288	42743	43552	43195	0.96	cps
Titanium	47-1	1888722	1873590	1877756	1880023	0.42	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-22	Instrumnet Name :	P7
Client Sample ID :	MYD0W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 18:55:32	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19434	19414	19327	19392	0.29	cps
Vanadium	51-2	4117095	4213021	4169827	4166648	1.15	cps
Yttrium	89-1	26861929	26536687	25893427	26430681	1.86	cps
Yttrium	89-2	6351014	6201150	6244497	6265554	1.23	cps
Zinc	66-2	340682	339063	337784	339176	0.43	cps
Zirconium	90-1	118228	119454	120829	119504	1.09	cps
Zirconium	91-1	27158	27008	27205	27124	0.38	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5381343	5220923	5297361	5299876	1.51	cps
Antimony	121-1	2214	2390	2280	2295	3.89	cps
Arsenic	75-2	15879	15738	15475	15697	1.31	cps
Barium	135-1	349024	350676	348392	349364	0.34	cps
Barium	137-1	598706	613662	604324	605564	1.25	cps
Beryllium	9-1	1885	2130	1915	1977	6.77	cps
Bismuth	209-1	10026784	10005868	10182520	10071724	0.96	cps
Bismuth	209-2	7905397	8011371	8002193	7972987	0.74	cps
Bromine	81-1	13019	12549	12572	12713	2.09	cps
Bromine	81-2	413	400	423	412	2.84	cps
Cadmium	108-1	157	147	117	140	14.87	cps
Cadmium	106-1	4924	4881	4394	4733	6.22	cps
Cadmium	111-1	3784	3714	3431	3643	5.13	cps
Calcium	43-1	148556	152761	149798	150372	1.44	cps
Calcium	44-1	2296414	2379920	2354958	2343764	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180116	181744	177357	179739	1.23	cps
Cobalt	59-2	87463	85602	87557	86874	1.27	cps
Copper	63-2	195017	192701	190446	192721	1.19	cps
Dysprosium	156-1	16410	16403	16330	16381	0.27	cps
Dysprosium	156-2	13313	12909	13477	13233	2.21	cps
Erbium	164-1	14187	14561	14601	14450	1.58	cps
Erbium	164-2	9824	9733	10437	9998	3.83	cps
Gadolinium	160-1	15245	15599	15272	15372	1.28	cps
Gadolinium	160-2	11572	12005	10864	11480	5.02	cps
Holmium	165-1	16879390	16786172	16679591	16781718	0.60	cps
Holmium	165-2	11716444	11355124	11696428	11589332	1.75	cps
Indium	115-1	14764863	14512035	14827606	14701501	1.14	cps
Indium	115-2	4902119	4800633	4803637	4835463	1.19	cps
Iron	56-2	122602515	120398412	118399412	120466779	1.75	cps
Iron	57-2	3028235	2922568	2900426	2950410	2.31	cps
Iron	54-2	6606245	6742675	6401402	6583441	2.61	cps
Krypton	83-1	360	400	417	392	7.43	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	117761	116938	116773	117157	0.45	cps
Lead	207-1	102725	102432	103631	102930	0.61	cps
Lead	208-1	463706	464045	467474	465075	0.45	cps
Lithium	6-1	2177899	2095058	2026639	2099865	3.61	cps
Magnesium	24-2	3250296	3190983	3149003	3196761	1.59	cps
Manganese	55-2	5282811	5224865	5056862	5188179	2.26	cps
Molybdenum	94-1	49018	49296	48925	49080	0.39	cps
Molybdenum	95-1	1880	2074	1940	1965	5.04	cps
Molybdenum	96-1	10624	11074	10757	10819	2.14	cps
Molybdenum	97-1	1107	980	1050	1046	6.07	cps
Molybdenum	98-1	2727	2597	2624	2649	2.59	cps
Neodymium	150-1	30426	30480	30136	30347	0.61	cps
Neodymium	150-2	17434	17030	17408	17291	1.31	cps
Nickel	60-2	44957	46228	44028	45071	2.45	cps
Phosphorus	31-2	3574	3794	3757	3708	3.18	cps
Potassium	39-2	833067	836316	827834	832405	0.51	cps
Rhodium	103-1	14195799	14572333	14345827	14371320	1.32	cps
Rhodium	103-2	8880946	8689477	8906053	8825492	1.34	cps
Scandium	45-1	10487321	10814099	10822620	10708013	1.79	cps
Scandium	45-2	958134	949742	937389	948421	1.10	cps
Selenium	82-1	573	617	594	595	3.71	cps
Selenium	77-2	63	80	83	76	14.18	cps
Selenium	78-2	563	487	600	550	10.52	cps
Silicon	28-1	18854514	18904309	19116981	18958601	0.74	cps
Silver	107-1	1037	1177	1133	1116	6.43	cps
Silver	109-1	1040	910	1030	993	7.28	cps
Sodium	23-2	147215	149629	146744	147863	1.05	cps
Strontium	86-1	80197	81943	81333	81158	1.09	cps
Strontium	88-1	694047	710771	704348	703055	1.20	cps
Sulfur	34-1	246569	240764	234380	240571	2.53	cps
Terbium	159-1	17582370	17418897	17628993	17543420	0.63	cps
Terbium	159-2	11484164	11850334	11518318	11617605	1.74	cps
Thallium	203-1	1140	1050	1103	1098	4.12	cps
Thallium	205-1	2800	2740	2740	2760	1.26	cps
Tin	118-1	11051	11188	11084	11108	0.64	cps
Titanium	47-1	458300	460967	458300	459189	0.34	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 18:58:39	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5161	5261	5635	5352	4.66	cps
Vanadium	51-2	249183	244128	252799	248703	1.75	cps
Yttrium	89-1	24361496	24945370	24972610	24759825	1.39	cps
Yttrium	89-2	6080434	5880686	6086091	6015737	1.94	cps
Zinc	66-2	42631	42233	43814	42893	1.92	cps
Zirconium	90-1	131839	132955	134563	133119	1.03	cps
Zirconium	91-1	28434	29299	29890	29208	2.51	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5262091	5191998	5122560	5192216	1.34	cps
Antimony	121-1	2254	2180	2330	2255	3.33	cps
Arsenic	75-2	15922	15945	15154	15674	2.87	cps
Barium	135-1	425072	426877	423906	425285	0.35	cps
Barium	137-1	725606	731523	734727	730619	0.63	cps
Beryllium	9-1	1983	1988	2059	2010	2.13	cps
Bismuth	209-1	10172135	9988594	9866615	10009115	1.54	cps
Bismuth	209-2	8099593	7903128	7906791	7969837	1.41	cps
Bromine	81-1	12949	13003	12973	12975	0.21	cps
Bromine	81-2	520	480	383	461	15.24	cps
Cadmium	108-1	137	177	123	146	19.07	cps
Cadmium	106-1	5204	4968	4657	4943	5.55	cps
Cadmium	111-1	3974	3757	3574	3768	5.32	cps
Calcium	43-1	150912	153240	153639	152597	0.97	cps
Calcium	44-1	2367385	2332264	2390956	2363535	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	186253	183957	181819	184010	1.20	cps
Cobalt	59-2	88985	87593	89250	88610	1.00	cps
Copper	63-2	195108	195902	193077	194696	0.75	cps
Dysprosium	156-1	16463	16934	16423	16607	1.71	cps
Dysprosium	156-2	13410	13447	13727	13528	1.28	cps
Erbium	164-1	14394	13937	14581	14304	2.32	cps
Erbium	164-2	9663	9767	9447	9626	1.70	cps
Gadolinium	160-1	15776	16049	15348	15724	2.25	cps
Gadolinium	160-2	11765	11585	11378	11576	1.67	cps
Holmium	165-1	16920624	16743891	16876035	16846850	0.55	cps
Holmium	165-2	11844604	11429641	11432443	11568896	2.06	cps
Indium	115-1	14712776	14717487	14623056	14684439	0.36	cps
Indium	115-2	4909218	4925512	4865923	4900217	0.63	cps
Iron	56-2	118784522	119731298	120220625	119578815	0.61	cps
Iron	57-2	2943837	2998180	2965442	2969153	0.92	cps
Iron	54-2	6641402	6624242	6667797	6644480	0.33	cps
Krypton	83-1	390	337	397	374	8.78	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	120747	118659	119399	119602	0.89	cps
Lead	207-1	105240	105567	104756	105188	0.39	cps
Lead	208-1	479693	471292	473260	474748	0.93	cps
Lithium	6-1	2076845	2046374	2062156	2061791	0.74	cps
Magnesium	24-2	3146452	3208902	3198465	3184606	1.05	cps
Manganese	55-2	5987184	6068857	6068392	6041478	0.78	cps
Molybdenum	94-1	47223	47677	48487	47796	1.34	cps
Molybdenum	95-1	2013	1843	2107	1988	6.72	cps
Molybdenum	96-1	10857	10714	10827	10800	0.70	cps
Molybdenum	97-1	1087	1097	1180	1121	4.57	cps
Molybdenum	98-1	2857	2857	3007	2907	2.98	cps
Neodymium	150-1	29995	30941	29735	30224	2.10	cps
Neodymium	150-2	17468	17030	17324	17274	1.29	cps
Nickel	60-2	45365	45418	45613	45465	0.29	cps
Phosphorus	31-2	3750	3801	3834	3795	1.11	cps
Potassium	39-2	848487	840919	838028	842478	0.64	cps
Rhodium	103-1	14851632	14481257	14379180	14570690	1.71	cps
Rhodium	103-2	8995128	8868594	8776342	8880021	1.24	cps
Scandium	45-1	10771469	10679704	10654844	10702006	0.57	cps
Scandium	45-2	953022	939742	952464	948409	0.79	cps
Selenium	82-1	579	693	618	630	9.18	cps
Selenium	77-2	73	87	90	83	10.59	cps
Selenium	78-2	513	447	513	491	7.84	cps
Silicon	28-1	18863966	19127140	18869686	18953597	0.79	cps
Silver	107-1	1237	1160	1163	1187	3.65	cps
Silver	109-1	1037	900	997	978	7.19	cps
Sodium	23-2	147663	146832	146179	146892	0.51	cps
Strontium	86-1	85677	85101	85031	85270	0.42	cps
Strontium	88-1	731244	736206	741677	736376	0.71	cps
Sulfur	34-1	228847	223622	220082	224184	1.97	cps
Terbium	159-1	17722333	17539520	17541623	17601159	0.60	cps
Terbium	159-2	11633309	11880414	11754401	11756042	1.05	cps
Thallium	203-1	1120	1040	1097	1086	3.79	cps
Thallium	205-1	2900	2657	2670	2743	4.99	cps
Tin	118-1	11401	11255	10807	11154	2.77	cps
Titanium	47-1	451588	454751	456332	454223	0.53	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:01:49	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5555	5281	5418	5418	2.52	cps
Vanadium	51-2	247750	244707	241757	244738	1.22	cps
Yttrium	89-1	24610184	24998464	24617519	24742055	0.90	cps
Yttrium	89-2	6000945	5940400	5950931	5964092	0.54	cps
Zinc	66-2	46155	45031	43818	45001	2.60	cps
Zirconium	90-1	131305	130588	131290	131061	0.31	cps
Zirconium	91-1	29039	29266	29112	29139	0.40	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1065627	1044785	1046820	1052411	1.09	cps
Antimony	121-1	687	687	730	701	3.57	cps
Arsenic	75-2	3024	3050	3127	3067	1.75	cps
Barium	135-1	67335	70054	67338	68242	2.30	cps
Barium	137-1	114998	116674	115763	115811	0.72	cps
Beryllium	9-1	474	417	435	442	6.62	cps
Bismuth	209-1	10455179	10219649	9658475	10111101	4.05	cps
Bismuth	209-2	8077387	7916281	7876759	7956809	1.34	cps
Bromine	81-1	12742	12038	12389	12390	2.84	cps
Bromine	81-2	243	203	177	208	16.15	cps
Cadmium	108-1	27	47	37	37	27.27	cps
Cadmium	106-1	4364	4524	4407	4432	1.87	cps
Cadmium	111-1	3136	3268	3126	3177	2.48	cps
Calcium	43-1	28520	29342	29352	29071	1.64	cps
Calcium	44-1	526511	515554	513207	518424	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36895	36488	36060	36481	1.15	cps
Cobalt	59-2	16896	16846	17060	16934	0.66	cps
Copper	63-2	39790	39509	38981	39426	1.04	cps
Dysprosium	156-1	2964	3010	3297	3090	5.84	cps
Dysprosium	156-2	2737	2587	2590	2638	3.25	cps
Erbium	164-1	2967	2947	2897	2937	1.23	cps
Erbium	164-2	1900	1897	1800	1866	3.04	cps
Gadolinium	160-1	2844	3010	3184	3013	5.64	cps
Gadolinium	160-2	2484	2357	2500	2447	3.20	cps
Holmium	165-1	16165176	17329830	16485244	16660083	3.61	cps
Holmium	165-2	11576331	11410806	11312918	11433352	1.16	cps
Indium	115-1	14367521	15109690	14408970	14628727	2.85	cps
Indium	115-2	4970704	4789105	4880032	4879947	1.86	cps
Iron	56-2	23581621	23610618	23089308	23427182	1.25	cps
Iron	57-2	611790	602803	597842	604145	1.17	cps
Iron	54-2	1364044	1347305	1350870	1354073	0.65	cps
Krypton	83-1	370	343	370	361	4.26	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23303	24215	23524	23681	2.01	cps
Lead	207-1	20719	20302	20078	20367	1.60	cps
Lead	208-1	92930	93348	93818	93365	0.48	cps
Lithium	6-1	2166692	1935355	2065659	2055902	5.64	cps
Magnesium	24-2	641473	637950	623872	634432	1.47	cps
Manganese	55-2	1036599	1032144	1019069	1029271	0.89	cps
Molybdenum	94-1	9847	9647	10180	9891	2.73	cps
Molybdenum	95-1	490	463	563	506	10.24	cps
Molybdenum	96-1	2277	2424	2134	2278	6.37	cps
Molybdenum	97-1	327	310	280	306	7.74	cps
Molybdenum	98-1	697	730	723	717	2.46	cps
Neodymium	150-1	6095	5608	5818	5840	4.18	cps
Neodymium	150-2	3467	3354	3544	3455	2.77	cps
Nickel	60-2	9016	8816	8733	8855	1.65	cps
Phosphorus	31-2	993	817	893	901	9.83	cps
Potassium	39-2	238861	235023	233250	235711	1.22	cps
Rhodium	103-1	14140006	13981523	14029911	14050480	0.58	cps
Rhodium	103-2	8985461	8724584	8777535	8829194	1.56	cps
Scandium	45-1	10650626	11014597	10272234	10645819	3.49	cps
Scandium	45-2	939851	922279	918243	926791	1.24	cps
Selenium	82-1	559	559	575	564	1.61	cps
Selenium	77-2	13	13	17	14	13.35	cps
Selenium	78-2	447	417	397	420	5.99	cps
Silicon	28-1	4187848	4087204	3890997	4055350	3.72	cps
Silver	107-1	420	400	327	382	12.86	cps
Silver	109-1	213	280	283	259	15.25	cps
Sodium	23-2	89421	88254	87842	88506	0.93	cps
Strontium	86-1	15472	15865	15922	15753	1.56	cps
Strontium	88-1	136147	133735	140022	136635	2.32	cps
Sulfur	34-1	208117	210618	206783	208506	0.93	cps
Terbium	159-1	17440247	17009033	16743920	17064400	2.06	cps
Terbium	159-2	11561318	11458909	11472878	11497701	0.48	cps
Thallium	203-1	363	340	327	343	5.41	cps
Thallium	205-1	837	877	843	852	2.52	cps
Tin	118-1	3660	3474	3427	3520	3.51	cps
Titanium	47-1	87115	88812	87625	87851	0.99	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0B8L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:05:02	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1023	1043	1017	1028	1.35	cps
Vanadium	51-2	48060	47752	48903	48238	1.23	cps
Yttrium	89-1	25809342	23931189	23259677	24333403	5.43	cps
Yttrium	89-2	5942617	5795768	5823563	5853983	1.33	cps
Zinc	66-2	10287	10327	10420	10345	0.66	cps
Zirconium	90-1	26828	27499	26714	27014	1.57	cps
Zirconium	91-1	5711	5968	5945	5875	2.42	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5309740	5306581	5000625	5205648	3.41	cps
Antimony	121-1	183871	187244	186988	186034	1.01	cps
Arsenic	75-2	20180	19980	19353	19838	2.18	cps
Barium	135-1	1252872	1252964	1265442	1257093	0.58	cps
Barium	137-1	2318345	2354133	2296385	2322954	1.25	cps
Beryllium	9-1	17993	18458	17967	18139	1.52	cps
Bismuth	209-1	9832671	9920081	9904743	9885832	0.47	cps
Bismuth	209-2	7777548	7705247	8001964	7828253	1.98	cps
Bromine	81-1	12399	12532	12572	12501	0.73	cps
Bromine	81-2	360	390	410	387	6.51	cps
Cadmium	108-1	1777	1813	1610	1733	6.25	cps
Cadmium	106-1	7112	6858	6682	6884	3.14	cps
Cadmium	111-1	28369	28172	28124	28222	0.46	cps
Calcium	43-1	144807	144979	143316	144367	0.63	cps
Calcium	44-1	2264927	2273680	2269749	2269452	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	379567	377170	383370	380036	0.82	cps
Cobalt	59-2	850430	848411	842586	847142	0.48	cps
Copper	63-2	452062	453734	438469	448088	1.87	cps
Dysprosium	156-1	15452	16320	15999	15924	2.76	cps
Dysprosium	156-2	12843	12743	13206	12930	1.89	cps
Erbium	164-1	14151	13567	14010	13909	2.19	cps
Erbium	164-2	9353	9457	9390	9400	0.56	cps
Gadolinium	160-1	14441	15185	14901	14842	2.53	cps
Gadolinium	160-2	10948	10828	11308	11028	2.27	cps
Holmium	165-1	16600136	16566910	16443953	16537000	0.50	cps
Holmium	165-2	11289852	11292864	11484714	11355810	0.98	cps
Indium	115-1	14552247	14427220	14478003	14485823	0.43	cps
Indium	115-2	4695975	4725069	4905860	4775634	2.38	cps
Iron	56-2	120174932	118639588	116635715	118483412	1.50	cps
Iron	57-2	2935403	2923933	2848429	2902588	1.63	cps
Iron	54-2	6650880	6477939	6507330	6545383	1.41	cps
Krypton	83-1	363	410	353	376	8.05	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	136198	136059	136736	136331	0.26	cps
Lead	207-1	118239	118639	119541	118806	0.56	cps
Lead	208-1	539212	541638	544474	541775	0.49	cps
Lithium	6-1	2127093	1975929	1984929	2029317	4.18	cps
Magnesium	24-2	3065277	3084732	3011989	3053999	1.23	cps
Manganese	55-2	5835463	5799835	5696774	5777358	1.25	cps
Molybdenum	94-1	45872	45979	46457	46102	0.68	cps
Molybdenum	95-1	1650	1763	1677	1697	3.49	cps
Molybdenum	96-1	10157	10170	10304	10210	0.79	cps
Molybdenum	97-1	967	1040	1007	1004	3.66	cps
Molybdenum	98-1	2630	2584	2534	2582	1.87	cps
Neodymium	150-1	29230	28936	29401	29189	0.80	cps
Neodymium	150-2	16950	16290	16209	16483	2.47	cps
Nickel	60-2	238630	238037	244161	240276	1.41	cps
Phosphorus	31-2	3640	3500	3614	3585	2.07	cps
Potassium	39-2	795563	798423	799798	797928	0.27	cps
Rhodium	103-1	14418446	14127865	14315667	14287326	1.03	cps
Rhodium	103-2	8560135	8524694	8691231	8592020	1.02	cps
Scandium	45-1	10455243	10447731	10574011	10492328	0.68	cps
Scandium	45-2	948953	948964	924212	940710	1.52	cps
Selenium	82-1	4962	5004	5016	4994	0.57	cps
Selenium	77-2	590	493	497	527	10.42	cps
Selenium	78-2	1953	1880	2003	1946	3.19	cps
Silicon	28-1	18227323	18149105	17871386	18082605	1.03	cps
Silver	107-1	106460	107894	109620	107991	1.47	cps
Silver	109-1	101194	101459	102079	101577	0.45	cps
Sodium	23-2	132770	132124	131744	132213	0.39	cps
Strontium	86-1	78739	79124	79154	79006	0.29	cps
Strontium	88-1	675991	690219	688856	685022	1.15	cps
Sulfur	34-1	210742	208212	203648	207534	1.73	cps
Terbium	159-1	17391614	17228122	17280566	17300101	0.48	cps
Terbium	159-2	11440394	11391067	11574781	11468747	0.83	cps
Thallium	203-1	73490	73822	74190	73834	0.47	cps
Thallium	205-1	172678	176951	174450	174693	1.23	cps
Tin	118-1	10330	10621	10561	10504	1.46	cps
Titanium	47-1	438924	441691	440862	440493	0.32	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:08:17	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5168	5244	5204	5206	0.74	cps
Vanadium	51-2	683793	681193	684782	683256	0.27	cps
Yttrium	89-1	23947410	24513822	24574123	24345118	1.42	cps
Yttrium	89-2	5774853	5749471	5851880	5792068	0.92	cps
Zinc	66-2	124891	122366	126628	124628	1.72	cps
Zirconium	90-1	124301	127646	128534	126827	1.76	cps
Zirconium	91-1	27185	28411	27970	27855	2.23	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5472393	5535853	5517142	5508463	0.59	cps
Antimony	121-1	912102	928590	917164	919285	0.92	cps
Arsenic	75-2	38764	38239	38323	38442	0.73	cps
Barium	135-1	4989287	5031812	5006551	5009217	0.43	cps
Barium	137-1	8662569	8790144	8672777	8708496	0.81	cps
Beryllium	9-1	80947	81553	83002	81834	1.29	cps
Bismuth	209-1	9884576	9744865	9848009	9825817	0.74	cps
Bismuth	209-2	7937135	7783084	7717381	7812533	1.44	cps
Bromine	81-1	12759	12299	12535	12531	1.84	cps
Bromine	81-2	383	380	373	379	1.34	cps
Cadmium	108-1	8136	8229	8049	8138	1.11	cps
Cadmium	106-1	15819	16369	15732	15973	2.16	cps
Cadmium	111-1	125519	126524	124601	125548	0.77	cps
Calcium	43-1	139048	140211	140178	139812	0.47	cps
Calcium	44-1	2146300	2209666	2242855	2199607	2.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1196554	1183076	1185775	1188468	0.60	cps
Cobalt	59-2	3921251	3826744	3888734	3878910	1.24	cps
Copper	63-2	1470550	1456798	1464174	1463840	0.47	cps
Dysprosium	156-1	15235	15178	15162	15192	0.25	cps
Dysprosium	156-2	12953	13096	12989	13013	0.57	cps
Erbium	164-1	13376	13550	13874	13600	1.86	cps
Erbium	164-2	9403	9143	9070	9205	1.90	cps
Gadolinium	160-1	14274	14491	14261	14342	0.90	cps
Gadolinium	160-2	10891	10674	11088	10884	1.90	cps
Holmium	165-1	16577604	16527640	16369150	16491465	0.66	cps
Holmium	165-2	11355943	11342237	11384938	11361039	0.19	cps
Indium	115-1	14394864	14453404	14446190	14431486	0.22	cps
Indium	115-2	4787378	4781334	4776977	4781896	0.11	cps
Iron	56-2	119243488	116313568	118069622	117875559	1.25	cps
Iron	57-2	2946198	2903616	2864268	2904694	1.41	cps
Iron	54-2	6623694	6584034	6485226	6564318	1.09	cps
Krypton	83-1	387	370	377	378	2.22	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	225299	231814	230476	229196	1.50	cps
Lead	207-1	195628	198725	197542	197298	0.79	cps
Lead	208-1	899520	912618	916428	909522	0.98	cps
Lithium	6-1	2002029	1941655	2006829	1983504	1.83	cps
Magnesium	24-2	3006380	2998052	2988878	2997770	0.29	cps
Manganese	55-2	6977047	6857735	6879418	6904733	0.92	cps
Molybdenum	94-1	45852	46019	45878	45916	0.20	cps
Molybdenum	95-1	1777	1800	1813	1797	1.03	cps
Molybdenum	96-1	9800	9867	10337	10001	2.93	cps
Molybdenum	97-1	1010	1063	977	1017	4.30	cps
Molybdenum	98-1	2664	2674	2647	2661	0.51	cps
Neodymium	150-1	27871	28659	28800	28443	1.76	cps
Neodymium	150-2	16183	16330	16483	16332	0.92	cps
Nickel	60-2	1019319	1018503	1012635	1016819	0.36	cps
Phosphorus	31-2	3567	3454	3394	3472	2.54	cps
Potassium	39-2	784209	785323	778540	782691	0.46	cps
Rhodium	103-1	14225152	14364671	14298719	14296180	0.49	cps
Rhodium	103-2	8860032	8627964	8513114	8667037	2.04	cps
Scandium	45-1	10573437	10215253	10611625	10466771	2.09	cps
Scandium	45-2	932848	935014	929632	932498	0.29	cps
Selenium	82-1	20410	20937	20807	20718	1.33	cps
Selenium	77-2	2024	1930	1833	1929	4.93	cps
Selenium	78-2	6645	7018	6722	6795	2.90	cps
Silicon	28-1	17654741	17448535	18111588	17738288	1.91	cps
Silver	107-1	530346	535893	535349	533863	0.57	cps
Silver	109-1	497596	506130	506164	503297	0.98	cps
Sodium	23-2	131230	130632	130265	130709	0.37	cps
Strontium	86-1	76966	77597	79087	77883	1.40	cps
Strontium	88-1	661944	671439	665823	666402	0.72	cps
Sulfur	34-1	202634	201362	200598	201531	0.51	cps
Terbium	159-1	17595251	17308281	17073306	17325613	1.51	cps
Terbium	159-2	11334304	11386729	11401376	11374136	0.31	cps
Thallium	203-1	363879	367814	366282	365992	0.54	cps
Thallium	205-1	859246	871731	872381	867786	0.85	cps
Tin	118-1	10057	10367	10070	10165	1.73	cps
Titanium	47-1	430447	433974	435405	433275	0.59	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4291-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0B8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:11:27	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4801	5201	4991	4998	4.00	cps
Vanadium	51-2	2417639	2413331	2416818	2415929	0.09	cps
Yttrium	89-1	24338380	24060627	23752878	24050629	1.22	cps
Yttrium	89-2	5885495	5924913	5816048	5875485	0.94	cps
Zinc	66-2	459542	452595	452247	454794	0.90	cps
Zirconium	90-1	123286	124842	123538	123889	0.67	cps
Zirconium	91-1	27459	27940	27940	27780	1.00	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5726573	5741539	5726464	5731526	0.15	cps
Antimony	121-1	2960	3224	3097	3094	4.26	cps
Arsenic	75-2	29930	29633	29820	29794	0.50	cps
Barium	135-1	415177	418353	424029	419186	1.07	cps
Barium	137-1	717297	729352	726527	724392	0.87	cps
Beryllium	9-1	1476	1242	1302	1340	9.04	cps
Bismuth	209-1	9593728	9605570	9480407	9559902	0.72	cps
Bismuth	209-2	7738838	7802960	7782772	7774857	0.42	cps
Bromine	81-1	12762	13500	13463	13242	3.14	cps
Bromine	81-2	493	460	453	469	4.57	cps
Cadmium	108-1	137	153	137	142	6.77	cps
Cadmium	106-1	4274	4117	3907	4100	4.49	cps
Cadmium	111-1	3329	3301	3196	3276	2.15	cps
Calcium	43-1	186158	188420	189515	188031	0.91	cps
Calcium	44-1	2969585	2944893	2920970	2945149	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	311678	309897	306903	309492	0.78	cps
Cobalt	59-2	208655	210024	210489	209723	0.45	cps
Copper	63-2	420499	424109	416465	420358	0.91	cps
Dysprosium	156-1	23116	23513	23012	23214	1.14	cps
Dysprosium	156-2	18900	19086	19143	19043	0.67	cps
Erbium	164-1	18963	19801	19367	19377	2.16	cps
Erbium	164-2	13523	13353	13653	13510	1.11	cps
Gadolinium	160-1	21430	22108	22024	21854	1.69	cps
Gadolinium	160-2	16657	16677	16046	16460	2.18	cps
Holmium	165-1	16228942	16307100	16285940	16273994	0.25	cps
Holmium	165-2	11398549	11247112	11357030	11334231	0.69	cps
Indium	115-1	14250923	14385497	14182428	14272949	0.72	cps
Indium	115-2	4843636	4821298	4826628	4830521	0.24	cps
Iron	56-2	223315797	222270663	218127863	221238108	1.24	cps
Iron	57-2	5434370	5383752	5338961	5385694	0.89	cps
Iron	54-2	12281120	12107448	12172149	12186906	0.72	cps
Krypton	83-1	343	467	390	400	15.57	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87949	89254	87576	88260	1.00	cps
Lead	207-1	75616	75176	75950	75581	0.51	cps
Lead	208-1	343577	347006	345641	345408	0.50	cps
Lithium	6-1	1940338	1848690	1848401	1879143	2.82	cps
Magnesium	24-2	5747257	5623542	5710586	5693795	1.12	cps
Manganese	55-2	6884928	6777904	6732913	6798582	1.15	cps
Molybdenum	94-1	40436	41535	41224	41065	1.38	cps
Molybdenum	95-1	3104	3124	3227	3151	2.10	cps
Molybdenum	96-1	12225	11958	12082	12088	1.11	cps
Molybdenum	97-1	1803	1877	1877	1852	2.29	cps
Molybdenum	98-1	4724	4684	4534	4647	2.16	cps
Neodymium	150-1	40893	41685	40836	41138	1.15	cps
Neodymium	150-2	24618	24034	23857	24170	1.65	cps
Nickel	60-2	88579	88362	89056	88666	0.40	cps
Phosphorus	31-2	9496	9159	9250	9302	1.88	cps
Potassium	39-2	1655789	1683321	1664948	1668019	0.84	cps
Rhodium	103-1	14179606	14078827	14206414	14154949	0.48	cps
Rhodium	103-2	8887192	8784062	8817924	8829726	0.60	cps
Scandium	45-1	10670456	10585881	10584886	10613741	0.46	cps
Scandium	45-2	976292	967700	960282	968091	0.83	cps
Selenium	82-1	634	554	681	623	10.33	cps
Selenium	77-2	107	130	97	111	15.39	cps
Selenium	78-2	577	520	623	573	9.03	cps
Silicon	28-1	14546758	14798400	14654334	14666497	0.86	cps
Silver	107-1	1090	923	1040	1018	8.40	cps
Silver	109-1	977	877	907	920	5.58	cps
Sodium	23-2	127808	127112	125729	126883	0.83	cps
Strontium	86-1	105112	107522	107143	106592	1.22	cps
Strontium	88-1	918333	930378	928577	925762	0.70	cps
Sulfur	34-1	265063	243321	236367	248250	6.03	cps
Terbium	159-1	17000151	17085886	17216406	17100814	0.64	cps
Terbium	159-2	11315696	11403929	11379031	11366219	0.40	cps
Thallium	203-1	1080	1183	1137	1133	4.57	cps
Thallium	205-1	2654	2694	2727	2691	1.36	cps
Tin	118-1	10340	10364	10491	10398	0.78	cps
Titanium	47-1	647924	655576	659562	654354	0.90	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:25:13	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7646	7749	8036	7810	2.59	cps
Vanadium	51-2	483252	479860	473896	479003	0.99	cps
Yttrium	89-1	24075544	24489109	24408886	24324513	0.90	cps
Yttrium	89-2	6102572	5976183	6022203	6033653	1.06	cps
Zinc	66-2	76360	76368	77248	76659	0.67	cps
Zirconium	90-1	107725	110392	110317	109478	1.39	cps
Zirconium	91-1	24227	24297	24794	24439	1.27	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5738312	5716972	5712002	5722429	0.24	cps
Antimony	121-1	3057	3107	3167	3110	1.77	cps
Arsenic	75-2	29179	29506	29038	29241	0.82	cps
Barium	135-1	418857	425507	420646	421670	0.82	cps
Barium	137-1	724754	733750	735728	731411	0.80	cps
Beryllium	9-1	1227	1202	1298	1242	3.99	cps
Bismuth	209-1	9682471	9531438	9805262	9673057	1.42	cps
Bismuth	209-2	7763688	7872930	7547763	7728127	2.14	cps
Bromine	81-1	13059	13029	12769	12952	1.23	cps
Bromine	81-2	420	503	467	463	9.01	cps
Cadmium	108-1	120	130	147	132	10.19	cps
Cadmium	106-1	4684	4491	4604	4593	2.12	cps
Cadmium	111-1	3782	3699	3657	3713	1.71	cps
Calcium	43-1	186830	186802	185760	186464	0.33	cps
Calcium	44-1	2881702	2903382	2884755	2889947	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	301457	297829	300673	299986	0.64	cps
Cobalt	59-2	207323	205432	204363	205706	0.73	cps
Copper	63-2	415990	409076	410803	411956	0.87	cps
Dysprosium	156-1	23266	23573	23326	23388	0.70	cps
Dysprosium	156-2	18836	18529	18566	18644	0.90	cps
Erbium	164-1	19470	19828	19497	19598	1.02	cps
Erbium	164-2	13370	13870	13283	13508	2.35	cps
Gadolinium	160-1	21550	22381	22124	22019	1.93	cps
Gadolinium	160-2	16710	16290	16276	16425	1.50	cps
Holmium	165-1	16277972	16506651	16332644	16372423	0.73	cps
Holmium	165-2	11217012	11476249	11188399	11293887	1.40	cps
Indium	115-1	14535345	14366872	14249987	14384068	1.00	cps
Indium	115-2	4755418	4862143	4829692	4815751	1.14	cps
Iron	56-2	216465297	217255150	214669043	216129830	0.61	cps
Iron	57-2	5296149	5301792	5295275	5297738	0.07	cps
Iron	54-2	11820166	11750962	11887301	11819476	0.58	cps
Krypton	83-1	383	400	357	380	5.75	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	89287	87754	88425	88489	0.87	cps
Lead	207-1	75813	77319	76893	76675	1.01	cps
Lead	208-1	347671	348788	349463	348641	0.26	cps
Lithium	6-1	1934434	1997165	1852226	1927941	3.77	cps
Magnesium	24-2	5634642	5445589	5572739	5550990	1.74	cps
Manganese	55-2	6620364	6673156	6602473	6631998	0.55	cps
Molybdenum	94-1	41285	41947	42137	41789	1.07	cps
Molybdenum	95-1	3027	3077	3104	3069	1.27	cps
Molybdenum	96-1	11691	12032	11828	11850	1.44	cps
Molybdenum	97-1	1857	1897	1920	1891	1.69	cps
Molybdenum	98-1	4491	4521	4577	4530	0.97	cps
Neodymium	150-1	41153	41755	41274	41394	0.77	cps
Neodymium	150-2	23426	23446	23560	23477	0.31	cps
Nickel	60-2	87480	86394	85629	86501	1.08	cps
Phosphorus	31-2	9003	9099	8666	8923	2.55	cps
Potassium	39-2	1674235	1616292	1626587	1639038	1.89	cps
Rhodium	103-1	14253979	14050562	14245206	14183249	0.81	cps
Rhodium	103-2	8660037	8645421	8553416	8619624	0.67	cps
Scandium	45-1	10501839	10584536	10625107	10570494	0.59	cps
Scandium	45-2	954491	953921	955403	954605	0.08	cps
Selenium	82-1	670	634	713	673	5.89	cps
Selenium	77-2	97	103	90	97	6.89	cps
Selenium	78-2	550	563	487	533	7.68	cps
Silicon	28-1	15004486	14557331	14988141	14849986	1.71	cps
Silver	107-1	910	957	947	938	2.62	cps
Silver	109-1	803	767	800	790	2.57	cps
Sodium	23-2	126891	127122	127150	127054	0.11	cps
Strontium	86-1	107072	106394	106764	106744	0.32	cps
Strontium	88-1	923084	928746	925022	925617	0.31	cps
Sulfur	34-1	241797	235731	233070	236866	1.89	cps
Terbium	159-1	17007493	17286594	17120586	17138225	0.82	cps
Terbium	159-2	11213699	11424922	11309199	11315940	0.93	cps
Thallium	203-1	1130	1080	1257	1156	7.88	cps
Thallium	205-1	2647	2650	2780	2693	2.82	cps
Tin	118-1	10130	10414	10531	10358	1.99	cps
Titanium	47-1	660752	663855	663033	662547	0.24	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2D	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:28:24	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8036	7666	7759	7820	2.46	cps
Vanadium	51-2	471061	464452	466018	467177	0.74	cps
Yttrium	89-1	24486956	24436763	24147745	24357155	0.75	cps
Yttrium	89-2	5959098	5924457	5895406	5926320	0.54	cps
Zinc	66-2	74049	73362	72759	73390	0.88	cps
Zirconium	90-1	110358	112067	112692	111706	1.08	cps
Zirconium	91-1	24110	24865	24427	24467	1.55	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1159471	1165032	1156249	1160250	0.38	cps
Antimony	121-1	887	630	740	752	17.12	cps
Arsenic	75-2	5771	5651	5928	5783	2.40	cps
Barium	135-1	82909	84147	82862	83306	0.87	cps
Barium	137-1	142166	144203	145008	143792	1.02	cps
Beryllium	9-1	257	311	255	274	11.55	cps
Bismuth	209-1	9838040	9885471	9611918	9778476	1.49	cps
Bismuth	209-2	7964149	7832159	7978842	7925050	1.02	cps
Bromine	81-1	11958	12185	12355	12166	1.64	cps
Bromine	81-2	283	257	233	258	9.71	cps
Cadmium	108-1	43	53	23	40	38.19	cps
Cadmium	106-1	4344	4567	4401	4437	2.62	cps
Cadmium	111-1	3104	3257	3174	3178	2.41	cps
Calcium	43-1	36668	37964	38897	37843	2.96	cps
Calcium	44-1	633255	634856	636051	634721	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61020	60999	61491	61170	0.46	cps
Cobalt	59-2	40959	40792	40318	40690	0.82	cps
Copper	63-2	84735	84939	83927	84534	0.63	cps
Dysprosium	156-1	4754	4804	4678	4745	1.34	cps
Dysprosium	156-2	3617	3781	3420	3606	5.00	cps
Erbium	164-1	4004	4011	3951	3988	0.82	cps
Erbium	164-2	2724	2690	2604	2673	2.32	cps
Gadolinium	160-1	4131	4291	4364	4262	2.80	cps
Gadolinium	160-2	3307	3540	3560	3469	4.06	cps
Holmium	165-1	16808666	16576861	16354491	16580006	1.37	cps
Holmium	165-2	11533153	11374244	11463745	11457047	0.70	cps
Indium	115-1	14846960	14839002	14134740	14606901	2.80	cps
Indium	115-2	4914234	4822540	4824398	4853724	1.08	cps
Iron	56-2	43172604	42983594	42525938	42894045	0.78	cps
Iron	57-2	1105406	1101997	1098402	1101935	0.32	cps
Iron	54-2	2337143	2375738	2346955	2353279	0.85	cps
Krypton	83-1	433	407	353	398	10.24	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18272	18543	18022	18279	1.42	cps
Lead	207-1	14952	15783	15622	15452	2.85	cps
Lead	208-1	70361	71406	70307	70691	0.88	cps
Lithium	6-1	1914881	1963426	1999350	1959219	2.16	cps
Magnesium	24-2	1139346	1134642	1136869	1136952	0.21	cps
Manganese	55-2	1327332	1335895	1334791	1332672	0.35	cps
Molybdenum	94-1	8499	8623	8446	8523	1.06	cps
Molybdenum	95-1	787	747	753	762	2.81	cps
Molybdenum	96-1	2460	2537	2524	2507	1.63	cps
Molybdenum	97-1	483	470	490	481	2.12	cps
Molybdenum	98-1	1100	1057	1180	1112	5.63	cps
Neodymium	150-1	8066	8149	8069	8095	0.58	cps
Neodymium	150-2	4721	4664	4684	4690	0.61	cps
Nickel	60-2	17183	17677	17657	17506	1.60	cps
Phosphorus	31-2	1927	1917	2087	1977	4.83	cps
Potassium	39-2	417245	417507	416974	417242	0.06	cps
Rhodium	103-1	14345283	14591194	14739853	14558776	1.37	cps
Rhodium	103-2	8997304	8590365	8825556	8804408	2.32	cps
Scandium	45-1	10601339	10436688	10092448	10376825	2.50	cps
Scandium	45-2	945521	935647	940241	940470	0.53	cps
Selenium	82-1	578	559	607	581	4.08	cps
Selenium	77-2	20	20	23	21	9.11	cps
Selenium	78-2	483	483	390	452	11.92	cps
Silicon	28-1	3255368	3223384	3195054	3224602	0.94	cps
Silver	107-1	267	307	270	281	7.89	cps
Silver	109-1	233	170	210	204	15.67	cps
Sodium	23-2	80522	79457	79212	79730	0.87	cps
Strontium	86-1	21499	21893	21840	21744	0.98	cps
Strontium	88-1	179889	181397	183629	181638	1.04	cps
Sulfur	34-1	244075	246365	240950	243797	1.11	cps
Terbium	159-1	16963649	17454611	17651806	17356689	2.04	cps
Terbium	159-2	11423664	11246108	11441427	11370399	0.95	cps
Thallium	203-1	300	397	330	342	14.46	cps
Thallium	205-1	697	837	757	763	9.20	cps
Tin	118-1	3564	3727	3754	3682	2.79	cps
Titanium	47-1	127623	131415	130524	129854	1.53	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0W2L	Dilution Factor :	20
Date & Time Acquired :	2024-10-23 19:31:37	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1477	1637	1697	1603	7.09	cps
Vanadium	51-2	92595	92592	92840	92676	0.15	cps
Yttrium	89-1	24134899	23470169	23717845	23774304	1.41	cps
Yttrium	89-2	5945421	5849826	5985524	5926923	1.18	cps
Zinc	66-2	18088	18131	17554	17924	1.79	cps
Zirconium	90-1	22364	22277	22150	22264	0.48	cps
Zirconium	91-1	4764	4911	5048	4908	2.89	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5838513	5732021	5758344	5776292	0.96	cps
Antimony	121-1	193660	196782	194551	194998	0.82	cps
Arsenic	75-2	34219	33571	34373	34055	1.25	cps
Barium	135-1	1348912	1351121	1355035	1351689	0.23	cps
Barium	137-1	2439838	2433279	2500954	2458024	1.52	cps
Beryllium	9-1	18372	18311	18486	18390	0.48	cps
Bismuth	209-1	9744740	9850569	9701222	9765511	0.79	cps
Bismuth	209-2	7851410	7934304	7845812	7877175	0.63	cps
Bromine	81-1	13800	13049	13590	13480	2.87	cps
Bromine	81-2	390	410	420	407	3.76	cps
Cadmium	108-1	1813	1700	2000	1838	8.24	cps
Cadmium	106-1	6928	7195	7392	7172	3.24	cps
Cadmium	111-1	29370	29279	29307	29319	0.16	cps
Calcium	43-1	188269	191244	191979	190498	1.03	cps
Calcium	44-1	2913784	2963169	2975394	2950782	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522318	513250	513400	516323	1.01	cps
Cobalt	59-2	1006157	1007318	995938	1003138	0.62	cps
Copper	63-2	686389	687218	679448	684351	0.62	cps
Dysprosium	156-1	23430	23376	24278	23694	2.13	cps
Dysprosium	156-2	19577	19637	19130	19448	1.43	cps
Erbium	164-1	20045	19861	19333	19746	1.87	cps
Erbium	164-2	13463	13487	13577	13509	0.44	cps
Gadolinium	160-1	22071	22685	22321	22359	1.38	cps
Gadolinium	160-2	16473	16093	16059	16208	1.42	cps
Holmium	165-1	16674653	16584334	16553489	16604159	0.38	cps
Holmium	165-2	11348013	11324947	11318351	11330437	0.14	cps
Indium	115-1	14564817	14726480	14782805	14691367	0.77	cps
Indium	115-2	4859020	4832747	4832678	4841482	0.31	cps
Iron	56-2	219498010	219260890	217435310	218731403	0.52	cps
Iron	57-2	5303601	5355721	5323183	5327502	0.49	cps
Iron	54-2	12003741	12113731	11834664	11984046	1.17	cps
Krypton	83-1	413	393	443	417	6.04	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	113599	115667	114520	114595	0.90	cps
Lead	207-1	98071	100095	98866	99011	1.03	cps
Lead	208-1	446974	454986	450929	450963	0.89	cps
Lithium	6-1	2005682	1945309	1967605	1972865	1.55	cps
Magnesium	24-2	5688542	5525879	5565595	5593339	1.52	cps
Manganese	55-2	7128830	7090818	6962870	7060839	1.23	cps
Molybdenum	94-1	41933	42388	41917	42079	0.64	cps
Molybdenum	95-1	2907	3114	3120	3047	3.98	cps
Molybdenum	96-1	11915	11638	11928	11827	1.39	cps
Molybdenum	97-1	1780	2000	2023	1935	6.94	cps
Molybdenum	98-1	4544	4397	4557	4500	1.97	cps
Neodymium	150-1	41167	42093	41785	41681	1.13	cps
Neodymium	150-2	24124	23293	24001	23806	1.88	cps
Nickel	60-2	292604	293234	288415	291417	0.90	cps
Phosphorus	31-2	8769	8776	8693	8746	0.53	cps
Potassium	39-2	1644758	1626308	1628992	1633353	0.61	cps
Rhodium	103-1	14615897	14351354	14222871	14396707	1.39	cps
Rhodium	103-2	8585593	8765008	8674915	8675172	1.03	cps
Scandium	45-1	10869202	10703220	10887210	10819878	0.94	cps
Scandium	45-2	960610	950755	948125	953163	0.69	cps
Selenium	82-1	5174	5237	4944	5118	3.02	cps
Selenium	77-2	530	527	530	529	0.36	cps
Selenium	78-2	1903	1880	1930	1905	1.31	cps
Silicon	28-1	15414872	15332399	15265234	15337502	0.49	cps
Silver	107-1	110158	111521	112549	111409	1.08	cps
Silver	109-1	104588	106904	105161	105551	1.14	cps
Sodium	23-2	127734	127213	126356	127101	0.55	cps
Strontium	86-1	107026	107865	108761	107884	0.80	cps
Strontium	88-1	926825	934607	941008	934147	0.76	cps
Sulfur	34-1	246703	242671	239420	242931	1.50	cps
Terbium	159-1	17566691	17181049	17487696	17411812	1.17	cps
Terbium	159-2	11422312	11492144	11414839	11443098	0.37	cps
Thallium	203-1	75233	76292	76037	75854	0.73	cps
Thallium	205-1	178056	179684	179360	179033	0.48	cps
Tin	118-1	10240	10684	11236	10720	4.65	cps
Titanium	47-1	665488	669690	675485	670221	0.75	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2S	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:34:57	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8186	8042	7909	8046	1.72	cps
Vanadium	51-2	933946	940077	936552	936858	0.33	cps
Yttrium	89-1	24412277	24353085	24641093	24468818	0.62	cps
Yttrium	89-2	5964201	5889081	5901519	5918267	0.68	cps
Zinc	66-2	162675	161291	159418	161128	1.01	cps
Zirconium	90-1	109817	112625	111845	111429	1.30	cps
Zirconium	91-1	25102	24898	24467	24822	1.30	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6084168	6102934	6177560	6121554	0.81	cps
Antimony	121-1	970856	978371	971286	973504	0.43	cps
Arsenic	75-2	52392	51596	52519	52169	0.96	cps
Barium	135-1	6076436	5990760	5932444	5999880	1.21	cps
Barium	137-1	10544959	10556051	10461236	10520749	0.49	cps
Beryllium	9-1	99444	104453	103496	102464	2.60	cps
Bismuth	209-1	9866761	9854274	9782243	9834426	0.46	cps
Bismuth	209-2	7768058	7901983	7679732	7783258	1.44	cps
Bromine	81-1	13083	12929	13303	13105	1.43	cps
Bromine	81-2	480	400	487	456	10.59	cps
Cadmium	108-1	8753	8926	8739	8806	1.18	cps
Cadmium	106-1	16433	17537	16676	16882	3.44	cps
Cadmium	111-1	133867	133375	131475	132906	0.95	cps
Calcium	43-1	184706	183058	182281	183348	0.68	cps
Calcium	44-1	2878325	2899749	2871274	2883116	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1497752	1511038	1507019	1505270	0.45	cps
Cobalt	59-2	4851591	4884783	4782426	4839600	1.08	cps
Copper	63-2	2009470	2007123	2014062	2010218	0.18	cps
Dysprosium	156-1	23112	23486	23163	23254	0.87	cps
Dysprosium	156-2	19010	19370	18489	18956	2.34	cps
Erbium	164-1	19140	19814	19510	19488	1.73	cps
Erbium	164-2	12873	12996	12736	12868	1.01	cps
Gadolinium	160-1	22134	22224	22114	22158	0.26	cps
Gadolinium	160-2	15796	15836	16066	15899	0.92	cps
Holmium	165-1	16515421	16521616	16240284	16425774	0.98	cps
Holmium	165-2	11373538	11158584	11216745	11249622	0.99	cps
Indium	115-1	14534113	14513082	14473786	14506993	0.21	cps
Indium	115-2	4874650	4812331	4689249	4792076	1.97	cps
Iron	56-2	215975597	210355397	210392317	212241104	1.52	cps
Iron	57-2	5271062	5354924	5201983	5275990	1.45	cps
Iron	54-2	11863675	11591880	11915065	11790207	1.47	cps
Krypton	83-1	380	360	370	370	2.70	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	209333	214421	210992	211582	1.23	cps
Lead	207-1	182374	182758	179986	181706	0.83	cps
Lead	208-1	830120	839260	826800	832060	0.78	cps
Lithium	6-1	2085555	2041788	2066559	2064634	1.06	cps
Magnesium	24-2	5391767	5354823	5447593	5398061	0.87	cps
Manganese	55-2	8425648	8315978	8399089	8380238	0.68	cps
Molybdenum	94-1	40570	41245	41907	41240	1.62	cps
Molybdenum	95-1	3187	3047	3224	3153	2.96	cps
Molybdenum	96-1	11131	11461	11611	11401	2.16	cps
Molybdenum	97-1	1930	1913	1700	1848	6.94	cps
Molybdenum	98-1	4424	4878	4624	4642	4.90	cps
Neodymium	150-1	39783	40782	40712	40426	1.38	cps
Neodymium	150-2	22929	22755	22602	22762	0.72	cps
Nickel	60-2	1235511	1280973	1271030	1262505	1.89	cps
Phosphorus	31-2	8926	8286	8416	8542	3.96	cps
Potassium	39-2	1593186	1552104	1547836	1564375	1.60	cps
Rhodium	103-1	14202695	14357986	14255558	14272080	0.55	cps
Rhodium	103-2	8754814	8848136	8490306	8697752	2.13	cps
Scandium	45-1	10952151	10855216	10821527	10876298	0.62	cps
Scandium	45-2	945917	955917	936210	946015	1.04	cps
Selenium	82-1	20641	21105	21275	21007	1.56	cps
Selenium	77-2	2067	1853	2050	1990	5.96	cps
Selenium	78-2	7015	6542	6785	6780	3.49	cps
Silicon	28-1	14500496	14881205	14926214	14769305	1.58	cps
Silver	107-1	540048	542097	543704	541950	0.34	cps
Silver	109-1	502657	521112	518042	513937	1.92	cps
Sodium	23-2	126114	126760	126138	126337	0.29	cps
Strontium	86-1	101755	104188	104948	103631	1.61	cps
Strontium	88-1	896379	897484	908022	900628	0.71	cps
Sulfur	34-1	243440	239044	238746	240410	1.09	cps
Terbium	159-1	17577281	17172392	17393698	17381124	1.17	cps
Terbium	159-2	11452618	11500856	11314889	11422787	0.84	cps
Thallium	203-1	382842	382874	382370	382695	0.07	cps
Thallium	205-1	902839	910367	899302	904170	0.63	cps
Tin	118-1	9887	10434	10127	10149	2.70	cps
Titanium	47-1	633586	651912	647916	644471	1.50	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4292-15MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0W2SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-23 19:38:08	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7656	7392	7452	7500	1.84	cps
Vanadium	51-2	3039719	3078253	3123645	3080539	1.36	cps
Yttrium	89-1	24477794	24246323	24035293	24253137	0.91	cps
Yttrium	89-2	5856216	5849418	5842050	5849228	0.12	cps
Zinc	66-2	574397	566373	565576	568782	0.86	cps
Zirconium	90-1	107362	107872	106559	107265	0.62	cps
Zirconium	91-1	24170	24220	24397	24262	0.49	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27819420	27806280	27652494	27759398	0.33	cps
Antimony	121-1	8049	8409	8329	8262	2.29	cps
Arsenic	75-2	110984	110307	112264	111185	0.89	cps
Barium	135-1	1213629	1217107	1204950	1211896	0.52	cps
Barium	137-1	2220194	2248920	2190096	2219737	1.33	cps
Beryllium	9-1	2822	2796	2817	2812	0.50	cps
Bismuth	209-1	9513540	9388501	9462530	9454857	0.66	cps
Bismuth	209-2	7498314	7573861	7466554	7512910	0.73	cps
Bromine	81-1	14751	14674	14914	14780	0.83	cps
Bromine	81-2	1080	907	1023	1003	8.81	cps
Cadmium	108-1	270	230	307	269	14.26	cps
Cadmium	106-1	5188	5141	4974	5101	2.20	cps
Cadmium	111-1	5029	5164	4857	5017	3.07	cps
Calcium	43-1	383373	390805	386759	386979	0.96	cps
Calcium	44-1	5897741	6002739	6001239	5967240	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	939816	943271	937670	940252	0.30	cps
Cobalt	59-2	1031608	1031714	1013186	1025503	1.04	cps
Copper	63-2	2526201	2493357	2532927	2517495	0.84	cps
Dysprosium	156-1	65368	64655	65763	65262	0.86	cps
Dysprosium	156-2	48336	49015	49527	48959	1.22	cps
Erbium	164-1	71130	73713	72273	72372	1.79	cps
Erbium	164-2	49367	49069	49213	49216	0.30	cps
Gadolinium	160-1	69334	69823	69806	69654	0.40	cps
Gadolinium	160-2	50139	50551	50601	50430	0.50	cps
Holmium	165-1	16476570	16197964	16124114	16266216	1.14	cps
Holmium	165-2	11100938	11201800	11331066	11211268	1.03	cps
Indium	115-1	14103462	13889754	14036468	14009895	0.78	cps
Indium	115-2	4575254	4636787	4553598	4588546	0.94	cps
Iron	56-2	988197292	985443052	995777185	989805843	0.54	cps
Iron	57-2	24627799	24091985	24463923	24394569	1.13	cps
Iron	54-2	53877766	54933213	54052228	54287735	1.04	cps
Krypton	83-1	537	547	590	558	5.08	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	134359	135578	134685	134874	0.47	cps
Lead	207-1	114186	116740	115688	115538	1.11	cps
Lead	208-1	523230	529180	527442	526617	0.58	cps
Lithium	6-1	2049802	1994465	2093708	2045992	2.43	cps
Magnesium	24-2	31765294	32064136	31699837	31843089	0.61	cps
Manganese	55-2	15932411	15955719	16078498	15988876	0.49	cps
Molybdenum	94-1	41134	42766	41816	41905	1.95	cps
Molybdenum	95-1	10364	10978	10370	10571	3.33	cps
Molybdenum	96-1	25693	25292	25365	25450	0.84	cps
Molybdenum	97-1	6495	6702	6618	6605	1.57	cps
Molybdenum	98-1	16259	16162	16499	16307	1.06	cps
Neodymium	150-1	86503	87912	86889	87101	0.84	cps
Neodymium	150-2	49012	48975	48737	48908	0.30	cps
Nickel	60-2	340853	341805	342043	341567	0.18	cps
Phosphorus	31-2	37867	38852	37924	38214	1.45	cps
Potassium	39-2	8622329	8711517	8686804	8673550	0.53	cps
Rhodium	103-1	13592427	13589989	13516773	13566396	0.32	cps
Rhodium	103-2	8221815	8380334	8149179	8250443	1.43	cps
Scandium	45-1	11333542	11517434	11366222	11405733	0.86	cps
Scandium	45-2	994314	997237	1001136	997563	0.34	cps
Selenium	82-1	783	662	713	719	8.42	cps
Selenium	77-2	267	283	290	280	4.29	cps
Selenium	78-2	633	587	627	616	4.10	cps
Silicon	28-1	40105174	40966301	41700718	40924064	1.95	cps
Silver	107-1	3847	2844	2670	3120	20.36	cps
Silver	109-1	3804	2914	2544	3087	20.98	cps
Sodium	23-2	267924	272349	274672	271648	1.26	cps
Strontium	86-1	283812	287581	284998	285463	0.68	cps
Strontium	88-1	2562733	2485451	2535172	2527786	1.55	cps
Sulfur	34-1	266655	269399	269677	268577	0.62	cps
Terbium	159-1	17017520	16973075	17199469	17063355	0.70	cps
Terbium	159-2	11075914	11112604	11119458	11102658	0.21	cps
Thallium	203-1	2070	2080	2254	2135	4.83	cps
Thallium	205-1	5138	5491	5328	5319	3.33	cps
Tin	118-1	30499	31839	32066	31468	2.69	cps
Titanium	47-1	3285021	3332724	3338236	3318660	0.88	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Z9	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:41:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14218	13787	14024	14010	1.54	cps
Vanadium	51-2	3408319	3390561	3394106	3397662	0.28	cps
Yttrium	89-1	25034525	24575770	24704262	24771519	0.96	cps
Yttrium	89-2	5957370	5952349	5896026	5935248	0.57	cps
Zinc	66-2	258881	257303	258611	258265	0.33	cps
Zirconium	90-1	98706	98575	97282	98188	0.80	cps
Zirconium	91-1	22160	22260	22167	22196	0.25	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24276535	23687966	24073970	24012824	1.25	cps
Antimony	121-1	28702	29484	29026	29071	1.35	cps
Arsenic	75-2	94438	93717	94132	94096	0.38	cps
Barium	135-1	1244057	1247185	1251444	1247562	0.30	cps
Barium	137-1	2265612	2288403	2279228	2277748	0.50	cps
Beryllium	9-1	4413	4418	4458	4430	0.55	cps
Bismuth	209-1	9519450	9575705	9325274	9473477	1.39	cps
Bismuth	209-2	7569178	7461976	7551238	7527464	0.76	cps
Bromine	81-1	14020	14184	14380	14195	1.27	cps
Bromine	81-2	837	943	893	891	5.99	cps
Cadmium	108-1	333	323	403	353	12.34	cps
Cadmium	106-1	5351	5544	5008	5301	5.13	cps
Cadmium	111-1	6679	6788	6610	6693	1.34	cps
Calcium	43-1	1126540	1133172	1147208	1135640	0.93	cps
Calcium	44-1	17234965	17299723	17066101	17200263	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	891583	891909	877468	886987	0.93	cps
Cobalt	59-2	825573	817047	811454	818025	0.87	cps
Copper	63-2	2163084	2139859	2083405	2128783	1.92	cps
Dysprosium	156-1	61055	60670	62130	61285	1.23	cps
Dysprosium	156-2	48390	48390	48018	48266	0.44	cps
Erbium	164-1	60222	62723	62174	61706	2.13	cps
Erbium	164-2	41391	41873	41425	41563	0.65	cps
Gadolinium	160-1	61561	62760	61745	62022	1.04	cps
Gadolinium	160-2	44915	44520	44541	44659	0.50	cps
Holmium	165-1	16420182	16259385	16393112	16357560	0.53	cps
Holmium	165-2	11229842	11089652	11148271	11155922	0.63	cps
Indium	115-1	13789304	14063034	13782589	13878309	1.15	cps
Indium	115-2	4633294	4579550	4624413	4612419	0.62	cps
Iron	56-2	894971987	880714707	878506680	884731125	1.01	cps
Iron	57-2	22051749	21825281	21646180	21841070	0.93	cps
Iron	54-2	48397891	48692808	49049084	48713261	0.67	cps
Krypton	83-1	573	513	463	517	10.66	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	295981	298443	299705	298043	0.64	cps
Lead	207-1	253854	257665	259098	256873	1.06	cps
Lead	208-1	1162078	1174886	1180097	1172354	0.79	cps
Lithium	6-1	2054688	2035306	1925359	2005118	3.48	cps
Magnesium	24-2	28551030	28696749	28301167	28516315	0.70	cps
Manganese	55-2	14881476	14759300	14823220	14821332	0.41	cps
Molybdenum	94-1	68432	70495	70264	69731	1.62	cps
Molybdenum	95-1	10017	10170	10204	10130	0.98	cps
Molybdenum	96-1	28571	28615	29016	28734	0.85	cps
Molybdenum	97-1	6431	6245	5988	6221	3.58	cps
Molybdenum	98-1	15532	14891	15038	15154	2.21	cps
Neodymium	150-1	97494	99689	97551	98245	1.27	cps
Neodymium	150-2	55626	55736	55385	55582	0.32	cps
Nickel	60-2	339271	334427	336443	336714	0.72	cps
Phosphorus	31-2	96840	94889	95592	95774	1.03	cps
Potassium	39-2	8544654	8443264	8446031	8477983	0.68	cps
Rhodium	103-1	13603410	13707242	13473823	13594825	0.86	cps
Rhodium	103-2	8271099	8332313	8337243	8313552	0.44	cps
Scandium	45-1	10958247	11142574	10898281	10999701	1.16	cps
Scandium	45-2	993766	985512	977923	985734	0.80	cps
Selenium	82-1	751	712	845	769	8.88	cps
Selenium	77-2	230	270	253	251	8.00	cps
Selenium	78-2	650	667	667	661	1.46	cps
Silicon	28-1	40376573	40416397	40549569	40447513	0.22	cps
Silver	107-1	2914	2987	2894	2931	1.68	cps
Silver	109-1	2627	2730	2747	2701	2.41	cps
Sodium	23-2	324563	325487	327098	325716	0.39	cps
Strontium	86-1	795635	795476	791312	794141	0.31	cps
Strontium	88-1	6955368	6826972	7081784	6954708	1.83	cps
Sulfur	34-1	314825	313913	317333	315357	0.56	cps
Terbium	159-1	16984810	17091239	16808006	16961352	0.84	cps
Terbium	159-2	11392081	11129710	11197232	11239674	1.21	cps
Thallium	203-1	2230	2347	2377	2318	3.34	cps
Thallium	205-1	5278	5478	5244	5333	2.37	cps
Tin	118-1	37315	38247	38438	38000	1.58	cps
Titanium	47-1	2509606	2553598	2516789	2526664	0.93	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-02	Instrumnet Name :	P7
Client Sample ID :	MYDA00	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:44:17	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16480	15940	16677	16366	2.33	cps
Vanadium	51-2	2817755	2771221	2726884	2771953	1.64	cps
Yttrium	89-1	24958867	24563380	24495221	24672489	1.01	cps
Yttrium	89-2	5929771	5866161	5813668	5869867	0.99	cps
Zinc	66-2	386276	379811	380856	382314	0.91	cps
Zirconium	90-1	172842	178619	177695	176385	1.76	cps
Zirconium	91-1	39927	39292	40255	39825	1.23	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26151856	26182865	26420880	26251867	0.56	cps
Antimony	121-1	15755	16219	16470	16148	2.24	cps
Arsenic	75-2	132747	132919	132270	132645	0.25	cps
Barium	135-1	2023459	2035253	2008647	2022453	0.66	cps
Barium	137-1	3547807	3533547	3484075	3521810	0.95	cps
Beryllium	9-1	4673	4770	4805	4749	1.44	cps
Bismuth	209-1	9505777	9556204	9539159	9533713	0.27	cps
Bismuth	209-2	7486097	7581936	7485161	7517731	0.74	cps
Bromine	81-1	13693	14294	14154	14047	2.24	cps
Bromine	81-2	843	883	960	896	6.62	cps
Cadmium	108-1	520	573	523	539	5.54	cps
Cadmium	106-1	5441	5571	5561	5524	1.31	cps
Cadmium	111-1	7832	7896	8121	7949	1.91	cps
Calcium	43-1	1323301	1304216	1316485	1314667	0.74	cps
Calcium	44-1	21084138	21414935	21140426	21213166	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1022349	1020700	1023905	1022318	0.16	cps
Cobalt	59-2	967083	964454	960801	964113	0.33	cps
Copper	63-2	2591454	2611474	2574901	2592610	0.71	cps
Dysprosium	156-1	68764	69287	68389	68813	0.66	cps
Dysprosium	156-2	53776	54207	53792	53925	0.45	cps
Erbium	164-1	71194	70822	71609	71208	0.55	cps
Erbium	164-2	48119	48370	47567	48019	0.86	cps
Gadolinium	160-1	69207	69099	69850	69385	0.58	cps
Gadolinium	160-2	50146	50310	49554	50003	0.80	cps
Holmium	165-1	16137134	16263541	16285368	16228681	0.49	cps
Holmium	165-2	11053280	11386025	11298239	11245848	1.53	cps
Indium	115-1	13929456	13971942	13969403	13956934	0.17	cps
Indium	115-2	4540972	4670933	4557692	4589866	1.54	cps
Iron	56-2	1042014118	1042614518	1034430518	1039686385	0.44	cps
Iron	57-2	25125128	25371513	25356378	25284340	0.55	cps
Iron	54-2	56575136	56498947	57062787	56712290	0.54	cps
Krypton	83-1	533	627	470	543	14.51	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410471	410170	412542	411061	0.31	cps
Lead	207-1	351085	355134	351773	352664	0.61	cps
Lead	208-1	1603827	1612273	1609096	1608399	0.27	cps
Lithium	6-1	2027282	1977879	2043995	2016385	1.70	cps
Magnesium	24-2	30872666	31022526	31197823	31031005	0.52	cps
Manganese	55-2	17090802	17192083	17088481	17123789	0.35	cps
Molybdenum	94-1	90823	92483	90568	91291	1.14	cps
Molybdenum	95-1	12415	13423	12752	12864	3.99	cps
Molybdenum	96-1	35684	36435	35951	36023	1.06	cps
Molybdenum	97-1	8189	8209	8276	8225	0.55	cps
Molybdenum	98-1	20074	20324	20351	20250	0.75	cps
Neodymium	150-1	109121	108833	109250	109068	0.20	cps
Neodymium	150-2	61239	62320	60506	61355	1.49	cps
Nickel	60-2	362283	363327	361923	362511	0.20	cps
Phosphorus	31-2	95871	95989	95083	95647	0.52	cps
Potassium	39-2	9835237	9752433	9666160	9751276	0.87	cps
Rhodium	103-1	13548301	13677590	13464401	13563431	0.79	cps
Rhodium	103-2	8227043	8368684	8239588	8278439	0.95	cps
Scandium	45-1	11168976	11476934	11282503	11309471	1.38	cps
Scandium	45-2	998568	1002129	990184	996960	0.62	cps
Selenium	82-1	798	789	879	822	6.03	cps
Selenium	77-2	323	240	233	266	18.88	cps
Selenium	78-2	700	687	740	709	3.92	cps
Silicon	28-1	37583014	37808163	37886704	37759294	0.42	cps
Silver	107-1	5511	5611	5474	5532	1.28	cps
Silver	109-1	5074	5204	5174	5151	1.32	cps
Sodium	23-2	362466	363256	364506	363409	0.28	cps
Strontium	86-1	824663	829971	824200	826278	0.39	cps
Strontium	88-1	7242405	7377007	7270235	7296549	0.97	cps
Sulfur	34-1	320314	322406	320732	321150	0.34	cps
Terbium	159-1	17204952	16945397	17127140	17092496	0.78	cps
Terbium	159-2	11168222	11318926	11099028	11195392	1.00	cps
Thallium	203-1	2314	2414	2434	2387	2.69	cps
Thallium	205-1	5625	5565	5685	5625	1.07	cps
Tin	118-1	30937	31879	31982	31599	1.82	cps
Titanium	47-1	2837298	2904242	2817689	2853076	1.59	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-03	Instrumnet Name :	P7
Client Sample ID :	MYDA01	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:47:21	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20422	20670	21284	20792	2.13	cps
Vanadium	51-2	3185916	3194180	3167425	3182507	0.43	cps
Yttrium	89-1	24715135	24780050	24500812	24665333	0.59	cps
Yttrium	89-2	5903672	5958088	5978269	5946676	0.65	cps
Zinc	66-2	460868	455684	454941	457165	0.71	cps
Zirconium	90-1	230804	236784	233537	233708	1.28	cps
Zirconium	91-1	51012	51955	51373	51447	0.93	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26346565	26236833	26476334	26353244	0.45	cps
Antimony	121-1	14801	14935	14461	14732	1.66	cps
Arsenic	75-2	119714	120142	119980	119945	0.18	cps
Barium	135-1	1281755	1267154	1290292	1279734	0.91	cps
Barium	137-1	2322748	2322792	2384292	2343277	1.52	cps
Beryllium	9-1	4056	4126	3945	4043	2.26	cps
Bismuth	209-1	9630004	9461718	9430375	9507365	1.13	cps
Bismuth	209-2	7771867	7584143	7659336	7671782	1.23	cps
Bromine	81-1	14267	14030	14344	14214	1.15	cps
Bromine	81-2	983	960	877	940	5.97	cps
Cadmium	108-1	427	450	463	447	4.16	cps
Cadmium	106-1	5611	5218	5484	5438	3.69	cps
Cadmium	111-1	7453	7231	7635	7440	2.72	cps
Calcium	43-1	842310	847164	856597	848690	0.86	cps
Calcium	44-1	12832667	12826129	13094493	12917763	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1019950	1023582	1024989	1022840	0.25	cps
Cobalt	59-2	980505	977336	981949	979930	0.24	cps
Copper	63-2	2473912	2467256	2438262	2459810	0.77	cps
Dysprosium	156-1	65318	66349	66045	65904	0.80	cps
Dysprosium	156-2	50052	50748	50758	50519	0.80	cps
Erbium	164-1	69210	68919	70460	69530	1.18	cps
Erbium	164-2	45514	46414	46735	46221	1.37	cps
Gadolinium	160-1	65870	66912	66899	66560	0.90	cps
Gadolinium	160-2	47838	48524	48899	48420	1.11	cps
Holmium	165-1	16365490	16259156	16217561	16280736	0.47	cps
Holmium	165-2	11784212	11565293	11430003	11593170	1.54	cps
Indium	115-1	14057823	13992134	13897679	13982545	0.58	cps
Indium	115-2	4836591	4739535	4669367	4748498	1.77	cps
Iron	56-2	1200422035	1210382942	1179334409	1196713129	1.32	cps
Iron	57-2	29326840	29362096	29287360	29325432	0.13	cps
Iron	54-2	66848386	65340129	65473632	65887382	1.27	cps
Krypton	83-1	490	533	483	502	5.41	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323071	326704	328183	325986	0.81	cps
Lead	207-1	280473	277743	283232	280483	0.98	cps
Lead	208-1	1275098	1276734	1289443	1280425	0.61	cps
Lithium	6-1	1957576	1966362	1965419	1963119	0.25	cps
Magnesium	24-2	31508963	31776849	31349356	31545056	0.68	cps
Manganese	55-2	16363228	16287639	16012148	16221005	1.14	cps
Molybdenum	94-1	64441	65395	64685	64841	0.76	cps
Molybdenum	95-1	18328	18755	18559	18547	1.15	cps
Molybdenum	96-1	38324	39687	39279	39097	1.79	cps
Molybdenum	97-1	11121	11458	11465	11348	1.73	cps
Molybdenum	98-1	28658	28845	28758	28754	0.33	cps
Neodymium	150-1	97786	99297	100076	99053	1.18	cps
Neodymium	150-2	55673	54669	54786	55043	1.00	cps
Nickel	60-2	360745	366800	365249	364265	0.86	cps
Phosphorus	31-2	77445	77763	77676	77628	0.21	cps
Potassium	39-2	9281279	9298448	9373167	9317631	0.52	cps
Rhodium	103-1	13667976	13845742	13424644	13646121	1.55	cps
Rhodium	103-2	8662738	8508325	8364210	8511758	1.75	cps
Scandium	45-1	11166075	11191678	11275188	11210980	0.51	cps
Scandium	45-2	1047156	1029377	1011478	1029337	1.73	cps
Selenium	82-1	848	832	931	870	6.08	cps
Selenium	77-2	300	323	340	321	6.26	cps
Selenium	78-2	587	743	623	651	12.59	cps
Silicon	28-1	34799959	34871671	35607972	35093201	1.27	cps
Silver	107-1	3871	3567	3834	3757	4.41	cps
Silver	109-1	3767	3604	3587	3653	2.72	cps
Sodium	23-2	385961	392270	389148	389126	0.81	cps
Strontium	86-1	633896	633537	632668	633367	0.10	cps
Strontium	88-1	5531808	5553783	5594999	5560197	0.58	cps
Sulfur	34-1	311247	316329	314424	314000	0.82	cps
Terbium	159-1	17212218	16849597	16973394	17011737	1.08	cps
Terbium	159-2	11778079	11398728	11386560	11521122	1.93	cps
Thallium	203-1	2240	2097	2167	2168	3.31	cps
Thallium	205-1	5174	5444	5441	5353	2.90	cps
Tin	118-1	35394	31314	30522	32410	8.07	cps
Titanium	47-1	2881941	2900260	2892680	2891627	0.32	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-04	Instrumnet Name :	P7
Client Sample ID :	MYDA02	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:50:26	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17041	17268	17542	17284	1.45	cps
Vanadium	51-2	3955161	3941388	3899879	3932143	0.73	cps
Yttrium	89-1	25049016	24624725	24680070	24784604	0.93	cps
Yttrium	89-2	6184424	6070653	5971390	6075489	1.75	cps
Zinc	66-2	495202	497623	496673	496499	0.25	cps
Zirconium	90-1	148368	149387	149186	148980	0.36	cps
Zirconium	91-1	32640	33221	33572	33144	1.42	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18344753	18912188	18303531	18520158	1.84	cps
Antimony	121-1	15008	14925	14731	14888	0.95	cps
Arsenic	75-2	93599	93542	93727	93623	0.10	cps
Barium	135-1	1265234	1268073	1267358	1266888	0.12	cps
Barium	137-1	2313430	2347586	2332034	2331016	0.73	cps
Beryllium	9-1	3514	3620	3572	3569	1.50	cps
Bismuth	209-1	9736478	9718788	9510002	9655089	1.30	cps
Bismuth	209-2	7558231	7547576	7714676	7606828	1.23	cps
Bromine	81-1	13520	13897	13827	13748	1.46	cps
Bromine	81-2	767	790	660	739	9.38	cps
Cadmium	108-1	387	307	313	336	13.23	cps
Cadmium	106-1	5371	5218	5131	5240	2.32	cps
Cadmium	111-1	6303	6251	6303	6286	0.47	cps
Calcium	43-1	1462769	1514249	1481519	1486179	1.75	cps
Calcium	44-1	23771553	24077929	23620184	23823222	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	721797	719789	714882	718823	0.49	cps
Cobalt	59-2	690674	689187	692175	690679	0.22	cps
Copper	63-2	1964596	1991530	1962249	1972792	0.82	cps
Dysprosium	156-1	53930	54636	54512	54359	0.69	cps
Dysprosium	156-2	42946	43303	42838	43029	0.57	cps
Erbium	164-1	55098	55031	55178	55103	0.13	cps
Erbium	164-2	36792	36992	36718	36834	0.39	cps
Gadolinium	160-1	53100	53538	53960	53533	0.80	cps
Gadolinium	160-2	38754	39138	38710	38867	0.61	cps
Holmium	165-1	16770236	16511398	16568778	16616804	0.82	cps
Holmium	165-2	11187045	11224962	11350301	11254102	0.76	cps
Indium	115-1	14263314	14201615	14066510	14177146	0.71	cps
Indium	115-2	4654624	4666661	4614914	4645399	0.58	cps
Iron	56-2	781831455	774387002	769136869	775118442	0.82	cps
Iron	57-2	18852816	18921358	18897361	18890512	0.18	cps
Iron	54-2	43404043	42993933	42774846	43057607	0.74	cps
Krypton	83-1	500	427	500	476	8.90	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	248376	250880	251409	250222	0.65	cps
Lead	207-1	210627	213638	211760	212009	0.72	cps
Lead	208-1	967110	982795	976572	975492	0.81	cps
Lithium	6-1	2025803	1983708	1974065	1994525	1.38	cps
Magnesium	24-2	21834862	22115763	21680829	21877151	1.01	cps
Manganese	55-2	11877127	11902215	11714386	11831243	0.86	cps
Molybdenum	94-1	50687	52096	52132	51638	1.60	cps
Molybdenum	95-1	9980	10240	10180	10134	1.34	cps
Molybdenum	96-1	25342	24754	25382	25159	1.40	cps
Molybdenum	97-1	5988	6608	6088	6228	5.35	cps
Molybdenum	98-1	15612	15969	15542	15707	1.46	cps
Neodymium	150-1	85400	88579	88315	87431	2.02	cps
Neodymium	150-2	50500	49774	48905	49726	1.61	cps
Nickel	60-2	265206	264659	263543	264469	0.32	cps
Phosphorus	31-2	74426	73422	74125	73991	0.70	cps
Potassium	39-2	7341963	7366986	7327777	7345576	0.27	cps
Rhodium	103-1	14036175	13882060	13838619	13918951	0.75	cps
Rhodium	103-2	8326190	8497552	8504272	8442671	1.20	cps
Scandium	45-1	11126598	11029158	10902920	11019559	1.02	cps
Scandium	45-2	987465	980618	975074	981052	0.63	cps
Selenium	82-1	748	825	868	814	7.45	cps
Selenium	77-2	277	233	253	254	8.52	cps
Selenium	78-2	737	623	680	680	8.33	cps
Silicon	28-1	27328654	27902262	27311189	27514035	1.22	cps
Silver	107-1	2757	2584	2780	2707	3.97	cps
Silver	109-1	2467	2480	2414	2454	1.44	cps
Sodium	23-2	288507	290764	291734	290335	0.57	cps
Strontium	86-1	598821	610053	609360	606078	1.04	cps
Strontium	88-1	5312257	5434378	5427132	5391256	1.27	cps
Sulfur	34-1	321521	318040	320123	319894	0.55	cps
Terbium	159-1	17226338	17210416	17180486	17205747	0.14	cps
Terbium	159-2	11292694	11360009	11203842	11285515	0.69	cps
Thallium	203-1	1850	1897	1810	1852	2.34	cps
Thallium	205-1	4681	4521	4437	4546	2.72	cps
Tin	118-1	25179	25526	25613	25439	0.90	cps
Titanium	47-1	2194198	2229250	2170013	2197820	1.36	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-05	Instrumnet Name :	P7
Client Sample ID :	MYDA03	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:53:30	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15586	15863	15159	15536	2.28	cps
Vanadium	51-2	2334283	2416085	2367382	2372584	1.73	cps
Yttrium	89-1	24498498	24727900	24657575	24627991	0.48	cps
Yttrium	89-2	5863112	5992436	5984415	5946654	1.22	cps
Zinc	66-2	407393	408351	403113	406285	0.69	cps
Zirconium	90-1	125387	126691	128977	127018	1.43	cps
Zirconium	91-1	28057	28197	28327	28194	0.48	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26610239	26584976	26159604	26451606	0.96	cps
Antimony	121-1	11478	10944	11615	11346	3.12	cps
Arsenic	75-2	150885	149864	149969	150239	0.37	cps
Barium	135-1	1769183	1762313	1728537	1753344	1.24	cps
Barium	137-1	3043165	3045339	2973629	3020711	1.35	cps
Beryllium	9-1	4279	4497	4393	4389	2.49	cps
Bismuth	209-1	9495517	9483778	9629463	9536252	0.85	cps
Bismuth	209-2	7497148	7435441	7493922	7475504	0.46	cps
Bromine	81-1	14207	14684	14063	14318	2.27	cps
Bromine	81-2	967	1010	1093	1023	6.29	cps
Cadmium	108-1	510	443	497	483	7.30	cps
Cadmium	106-1	5124	5168	5448	5247	3.35	cps
Cadmium	111-1	6534	6444	6960	6646	4.14	cps
Calcium	43-1	797968	810107	798239	802105	0.86	cps
Calcium	44-1	12254120	12192712	11797684	12081506	2.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1010887	1005068	999574	1005176	0.56	cps
Cobalt	59-2	961604	963851	959163	961539	0.24	cps
Copper	63-2	1996290	1987557	1946156	1976668	1.35	cps
Dysprosium	156-1	84868	86280	86994	86047	1.26	cps
Dysprosium	156-2	66898	66108	66467	66491	0.60	cps
Erbium	164-1	86673	89075	89061	88270	1.57	cps
Erbium	164-2	59566	57822	58408	58599	1.51	cps
Gadolinium	160-1	87729	89131	86944	87935	1.26	cps
Gadolinium	160-2	61869	63031	61330	62077	1.40	cps
Holmium	165-1	16421898	16249987	16541994	16404626	0.89	cps
Holmium	165-2	11158851	11240746	11250182	11216593	0.45	cps
Indium	115-1	14094418	14375389	14008223	14159343	1.36	cps
Indium	115-2	4616615	4607701	4657202	4627173	0.57	cps
Iron	56-2	959837106	967120732	963527479	963495106	0.38	cps
Iron	57-2	23791038	23667492	23629232	23695921	0.36	cps
Iron	54-2	53252804	53053469	53595034	53300436	0.51	cps
Krypton	83-1	580	553	517	550	5.78	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	266495	269359	270201	268685	0.72	cps
Lead	207-1	227228	232269	231101	230199	1.15	cps
Lead	208-1	1045501	1059882	1050746	1052043	0.69	cps
Lithium	6-1	1957223	1882653	1852943	1897606	2.83	cps
Magnesium	24-2	30371433	30228510	30233181	30277708	0.27	cps
Manganese	55-2	16062897	15980204	16051924	16031675	0.28	cps
Molybdenum	94-1	78395	78204	77735	78111	0.43	cps
Molybdenum	95-1	11164	11194	11208	11189	0.20	cps
Molybdenum	96-1	30639	31086	31237	30987	1.00	cps
Molybdenum	97-1	6692	7052	6995	6913	2.80	cps
Molybdenum	98-1	16623	17037	16746	16802	1.26	cps
Neodymium	150-1	131423	133115	131416	131985	0.74	cps
Neodymium	150-2	74971	74442	74529	74648	0.38	cps
Nickel	60-2	348476	345252	344885	346205	0.57	cps
Phosphorus	31-2	74212	73261	74484	73986	0.87	cps
Potassium	39-2	9075666	8908195	9005630	8996497	0.93	cps
Rhodium	103-1	13820336	13435451	13750999	13668929	1.50	cps
Rhodium	103-2	8374439	8198726	8290486	8287884	1.06	cps
Scandium	45-1	11367709	11523502	11061572	11317594	2.08	cps
Scandium	45-2	1022380	1010038	1010843	1014420	0.68	cps
Selenium	82-1	782	814	794	797	1.99	cps
Selenium	77-2	393	363	383	380	4.02	cps
Selenium	78-2	770	687	770	742	6.48	cps
Silicon	28-1	28902645	28664146	29226503	28931098	0.98	cps
Silver	107-1	2357	2414	2530	2434	3.63	cps
Silver	109-1	2274	2174	2484	2310	6.85	cps
Sodium	23-2	420634	419691	418036	419453	0.31	cps
Strontium	86-1	522863	534970	539089	532308	1.58	cps
Strontium	88-1	4728034	4833616	4785270	4782306	1.11	cps
Sulfur	34-1	273772	274328	271865	273322	0.47	cps
Terbium	159-1	17378226	17356482	17120643	17285117	0.83	cps
Terbium	159-2	11155904	11110539	11269692	11178711	0.73	cps
Thallium	203-1	3824	3540	3621	3662	3.99	cps
Thallium	205-1	8286	8423	8269	8326	1.01	cps
Tin	118-1	31474	31912	32884	32090	2.25	cps
Titanium	47-1	4221936	4121032	4219712	4187560	1.38	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-06	Instrumnet Name :	P7
Client Sample ID :	MYDA04	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:56:36	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19771	19615	18897	19428	2.40	cps
Vanadium	51-2	2853287	2864070	2807572	2841643	1.06	cps
Yttrium	89-1	25728566	25139085	25465386	25444346	1.16	cps
Yttrium	89-2	6041978	6034658	6062323	6046319	0.24	cps
Zinc	66-2	364034	364404	361960	363466	0.36	cps
Zirconium	90-1	194717	197109	194767	195531	0.70	cps
Zirconium	91-1	42154	42989	44086	43076	2.25	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18921706	18885823	18570839	18792790	1.03	cps
Antimony	121-1	14037	14587	14367	14331	1.93	cps
Arsenic	75-2	119348	115657	115918	116974	1.76	cps
Barium	135-1	1686448	1719801	1689044	1698431	1.09	cps
Barium	137-1	2891269	2941625	2882997	2905297	1.09	cps
Beryllium	9-1	3323	3315	3270	3303	0.86	cps
Bismuth	209-1	9616018	9640972	9759933	9672307	0.80	cps
Bismuth	209-2	7624684	7643477	7600417	7622860	0.28	cps
Bromine	81-1	13460	13783	13690	13644	1.22	cps
Bromine	81-2	733	770	707	737	4.32	cps
Cadmium	108-1	553	567	513	544	5.10	cps
Cadmium	106-1	5898	5641	5711	5750	2.31	cps
Cadmium	111-1	8165	8056	7706	7976	3.01	cps
Calcium	43-1	546321	552738	543275	547445	0.88	cps
Calcium	44-1	8246364	8394749	8377229	8339447	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	799563	800746	792447	797585	0.56	cps
Cobalt	59-2	717088	711307	714215	714203	0.40	cps
Copper	63-2	2075654	2039268	2048440	2054454	0.92	cps
Dysprosium	156-1	65864	67869	66664	66799	1.51	cps
Dysprosium	156-2	54030	53053	54067	53717	1.07	cps
Erbium	164-1	62291	62439	62543	62424	0.20	cps
Erbium	164-2	42036	42204	41558	41933	0.80	cps
Gadolinium	160-1	64430	64980	65047	64819	0.52	cps
Gadolinium	160-2	47246	46845	45845	46645	1.55	cps
Holmium	165-1	16799764	16402339	16436252	16546118	1.33	cps
Holmium	165-2	11363130	11351883	11189371	11301461	0.86	cps
Indium	115-1	14111246	14426935	14120962	14219714	1.26	cps
Indium	115-2	4707975	4650950	4665469	4674798	0.63	cps
Iron	56-2	749618602	755077615	740257402	748317873	1.00	cps
Iron	57-2	18376265	18664974	18414278	18485173	0.85	cps
Iron	54-2	41681456	40894154	40540349	41038653	1.42	cps
Krypton	83-1	477	473	450	467	3.11	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	449157	448132	449391	448893	0.15	cps
Lead	207-1	383503	390653	383646	385934	1.06	cps
Lead	208-1	1747506	1767017	1769288	1761270	0.68	cps
Lithium	6-1	1882782	1908163	1907917	1899621	0.77	cps
Magnesium	24-2	20050300	20380623	20065694	20165539	0.92	cps
Manganese	55-2	12688494	12741378	12424719	12618197	1.34	cps
Molybdenum	94-1	123105	122232	120400	121912	1.13	cps
Molybdenum	95-1	7862	8069	7882	7938	1.44	cps
Molybdenum	96-1	33385	33966	34842	34064	2.15	cps
Molybdenum	97-1	4781	4938	5038	4919	2.63	cps
Molybdenum	98-1	11915	11875	12018	11936	0.62	cps
Neodymium	150-1	114618	116423	119273	116771	2.01	cps
Neodymium	150-2	66218	66359	65042	65873	1.10	cps
Nickel	60-2	309101	309560	311021	309894	0.32	cps
Phosphorus	31-2	51590	51904	51356	51617	0.53	cps
Potassium	39-2	7378324	7423498	7343205	7381676	0.55	cps
Rhodium	103-1	13772404	13602814	13778053	13717757	0.73	cps
Rhodium	103-2	8383720	8447865	8576575	8469387	1.16	cps
Scandium	45-1	10965619	11158563	11003667	11042616	0.93	cps
Scandium	45-2	984495	979460	978935	980963	0.31	cps
Selenium	82-1	867	755	845	822	7.22	cps
Selenium	77-2	317	277	307	300	6.94	cps
Selenium	78-2	583	623	803	670	17.49	cps
Silicon	28-1	35749623	35425327	36236134	35803695	1.14	cps
Silver	107-1	5758	5701	6005	5821	2.77	cps
Silver	109-1	5038	5434	5104	5192	4.09	cps
Sodium	23-2	224729	225719	225825	225424	0.27	cps
Strontium	86-1	273851	275476	275131	274819	0.31	cps
Strontium	88-1	2421572	2459869	2422830	2434757	0.89	cps
Sulfur	34-1	268006	264299	267398	266568	0.75	cps
Terbium	159-1	17430088	17394074	16822671	17215611	1.98	cps
Terbium	159-2	11353550	11366507	11316654	11345570	0.23	cps
Thallium	203-1	2994	2927	2880	2934	1.94	cps
Thallium	205-1	6642	7109	7105	6952	3.86	cps
Tin	118-1	24197	23853	24357	24136	1.07	cps
Titanium	47-1	2655749	2695802	2780470	2710674	2.35	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 19:59:40	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20666	21047	20957	20890	0.95	cps
Vanadium	51-2	2118401	2150342	2169917	2146220	1.21	cps
Yttrium	89-1	24870120	25078460	24674153	24874244	0.81	cps
Yttrium	89-2	5917887	5997066	6025920	5980291	0.94	cps
Zinc	66-2	279367	273974	275844	276395	0.99	cps
Zirconium	90-1	321006	327831	329519	326119	1.38	cps
Zirconium	91-1	71728	71968	72421	72039	0.49	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19009271	19105060	19145532	19086621	0.37	cps
Antimony	121-1	14261	14464	14391	14372	0.72	cps
Arsenic	75-2	118636	119281	118790	118903	0.28	cps
Barium	135-1	1702709	1721357	1692771	1705612	0.85	cps
Barium	137-1	2919073	2949714	2961874	2943553	0.75	cps
Beryllium	9-1	3055	3524	3432	3337	7.46	cps
Bismuth	209-1	9748840	9760765	9591106	9700237	0.98	cps
Bismuth	209-2	7717443	7717381	7781877	7738900	0.48	cps
Bromine	81-1	13913	13626	13937	13825	1.25	cps
Bromine	81-2	673	747	757	726	6.27	cps
Cadmium	108-1	563	567	520	550	4.73	cps
Cadmium	106-1	5581	5788	5684	5684	1.82	cps
Cadmium	111-1	7846	7916	7842	7868	0.52	cps
Calcium	43-1	545755	553990	556100	551948	0.99	cps
Calcium	44-1	8457845	8331897	8381471	8390404	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	817103	798472	797221	804265	1.38	cps
Cobalt	59-2	726126	725512	721814	724484	0.32	cps
Copper	63-2	2112771	2092685	2079534	2094997	0.80	cps
Dysprosium	156-1	65612	67980	66761	66784	1.77	cps
Dysprosium	156-2	53803	53348	54174	53775	0.77	cps
Erbium	164-1	62707	63339	62643	62896	0.61	cps
Erbium	164-2	42451	43106	42250	42603	1.05	cps
Gadolinium	160-1	64839	65452	65117	65136	0.47	cps
Gadolinium	160-2	47875	47463	47012	47450	0.91	cps
Holmium	165-1	16657593	16872699	16225224	16585172	1.99	cps
Holmium	165-2	11504539	11360385	11396872	11420598	0.66	cps
Indium	115-1	14470342	14368656	14436716	14425238	0.36	cps
Indium	115-2	4718786	4781583	4779233	4759868	0.75	cps
Iron	56-2	762721322	759381455	760004709	760702495	0.23	cps
Iron	57-2	18697543	18569381	18808393	18691773	0.64	cps
Iron	54-2	41240584	41719252	41679607	41546481	0.64	cps
Krypton	83-1	547	510	477	511	6.85	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	441803	451676	441499	444992	1.30	cps
Lead	207-1	381527	388763	388770	386354	1.08	cps
Lead	208-1	1752068	1761784	1757496	1757116	0.28	cps
Lithium	6-1	1994304	1907285	1914142	1938577	2.50	cps
Magnesium	24-2	20449538	20090966	20631136	20390547	1.35	cps
Manganese	55-2	12517952	12534621	12814523	12622365	1.32	cps
Molybdenum	94-1	120709	124209	123392	122770	1.49	cps
Molybdenum	95-1	7782	7689	7919	7797	1.48	cps
Molybdenum	96-1	33752	35045	33655	34151	2.27	cps
Molybdenum	97-1	4901	4778	4721	4800	1.92	cps
Molybdenum	98-1	12062	11935	12052	12016	0.59	cps
Neodymium	150-1	117928	117613	117593	117711	0.16	cps
Neodymium	150-2	67163	66449	66379	66663	0.65	cps
Nickel	60-2	311995	312297	314014	312768	0.35	cps
Phosphorus	31-2	52727	52634	51469	52277	1.34	cps
Potassium	39-2	7500647	7386638	7454204	7447163	0.77	cps
Rhodium	103-1	14084669	14004173	13836531	13975124	0.91	cps
Rhodium	103-2	8480604	8639509	8526466	8548860	0.96	cps
Scandium	45-1	11188708	10988868	11098457	11092011	0.90	cps
Scandium	45-2	994835	995870	985419	992041	0.58	cps
Selenium	82-1	759	824	862	815	6.41	cps
Selenium	77-2	270	303	303	292	6.59	cps
Selenium	78-2	757	583	647	662	13.24	cps
Silicon	28-1	36721250	36064424	35381929	36055868	1.86	cps
Silver	107-1	5761	5494	5748	5668	2.65	cps
Silver	109-1	5458	5314	5261	5344	1.90	cps
Sodium	23-2	225243	228525	225724	226497	0.78	cps
Strontium	86-1	272541	277087	276616	275415	0.91	cps
Strontium	88-1	2492278	2480536	2484646	2485820	0.24	cps
Sulfur	34-1	268982	271624	271251	270619	0.53	cps
Terbium	159-1	17407274	17244833	17659318	17437142	1.20	cps
Terbium	159-2	11447398	11443680	11471170	11454083	0.13	cps
Thallium	203-1	2780	2824	3014	2873	4.32	cps
Thallium	205-1	7152	6752	7025	6976	2.93	cps
Tin	118-1	24481	24458	24781	24573	0.74	cps
Titanium	47-1	2751411	2669974	2729409	2716931	1.55	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-08	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:02:47	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21314	21427	20619	21120	2.07	cps
Vanadium	51-2	2202562	2195500	2184511	2194191	0.41	cps
Yttrium	89-1	25233980	25387446	25357940	25326455	0.32	cps
Yttrium	89-2	6016921	6054612	5938900	6003478	0.98	cps
Zinc	66-2	279528	279435	276863	278609	0.54	cps
Zirconium	90-1	326685	326437	333597	328906	1.24	cps
Zirconium	91-1	71537	72424	72478	72146	0.73	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3681844	3621339	3635625	3646269	0.87	cps
Antimony	121-1	2657	2940	2690	2763	5.61	cps
Arsenic	75-2	23382	23071	23449	23301	0.86	cps
Barium	135-1	308333	306273	306998	307201	0.34	cps
Barium	137-1	527690	529563	530046	529100	0.24	cps
Beryllium	9-1	662	673	662	665	0.96	cps
Bismuth	209-1	9849653	9779018	9670483	9766385	0.92	cps
Bismuth	209-2	7907353	7894970	7925376	7909233	0.19	cps
Bromine	81-1	12522	12972	12729	12741	1.77	cps
Bromine	81-2	290	317	273	293	7.45	cps
Cadmium	108-1	110	123	150	128	15.94	cps
Cadmium	106-1	4677	4841	4861	4793	2.10	cps
Cadmium	111-1	3977	4099	4131	4069	1.99	cps
Calcium	43-1	104990	105201	106102	105431	0.56	cps
Calcium	44-1	1650397	1677980	1645653	1658010	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	157476	156318	156304	156699	0.43	cps
Cobalt	59-2	139976	140087	138300	139454	0.72	cps
Copper	63-2	400121	395808	393357	396429	0.86	cps
Dysprosium	156-1	12733	12546	13356	12878	3.30	cps
Dysprosium	156-2	10437	10230	10454	10374	1.20	cps
Erbium	164-1	12119	12122	11862	12034	1.24	cps
Erbium	164-2	8009	8443	8059	8170	2.90	cps
Gadolinium	160-1	12325	12552	12619	12499	1.23	cps
Gadolinium	160-2	9260	9320	9293	9291	0.32	cps
Holmium	165-1	16663254	16487779	16542394	16564476	0.54	cps
Holmium	165-2	11661561	11380973	11434292	11492275	1.30	cps
Indium	115-1	14648100	14463019	14438845	14516654	0.79	cps
Indium	115-2	4886453	4761111	4804178	4817247	1.32	cps
Iron	56-2	146796598	145603648	144536525	145645590	0.78	cps
Iron	57-2	3580673	3565922	3554942	3567179	0.36	cps
Iron	54-2	8091840	8073539	8088417	8084599	0.12	cps
Krypton	83-1	380	400	397	392	2.73	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	88187	87117	87103	87469	0.71	cps
Lead	207-1	75341	75401	74928	75223	0.34	cps
Lead	208-1	340127	343697	342251	342025	0.52	cps
Lithium	6-1	2040331	2029649	2024850	2031610	0.39	cps
Magnesium	24-2	3981444	3809816	3853735	3881665	2.30	cps
Manganese	55-2	2512567	2504163	2492447	2503059	0.40	cps
Molybdenum	94-1	23295	23799	23439	23511	1.10	cps
Molybdenum	95-1	1637	1583	1517	1579	3.81	cps
Molybdenum	96-1	6808	6508	6702	6673	2.28	cps
Molybdenum	97-1	1110	1090	940	1047	8.88	cps
Molybdenum	98-1	2457	2600	2494	2517	2.96	cps
Neodymium	150-1	22528	22471	23106	22702	1.55	cps
Neodymium	150-2	12896	13333	12946	13058	1.83	cps
Nickel	60-2	61345	61643	60913	61300	0.60	cps
Phosphorus	31-2	10387	10220	9987	10198	1.97	cps
Potassium	39-2	1522437	1480580	1476438	1493152	1.70	cps
Rhodium	103-1	14324527	13952626	14342827	14206660	1.55	cps
Rhodium	103-2	8920930	8792571	8755920	8823141	0.98	cps
Scandium	45-1	10655292	10409024	10473321	10512546	1.22	cps
Scandium	45-2	940340	930495	936141	935659	0.53	cps
Selenium	82-1	602	615	598	605	1.40	cps
Selenium	77-2	80	57	100	79	27.49	cps
Selenium	78-2	460	527	427	471	10.81	cps
Silicon	28-1	7487958	7510462	7500196	7499539	0.15	cps
Silver	107-1	1120	1187	1193	1167	3.48	cps
Silver	109-1	997	1033	1097	1042	4.85	cps
Sodium	23-2	103901	101062	102394	102452	1.39	cps
Strontium	86-1	52640	53199	54591	53477	1.88	cps
Strontium	88-1	461538	464696	471810	466015	1.13	cps
Sulfur	34-1	255607	251154	253442	253401	0.88	cps
Terbium	159-1	17183415	17182513	17254617	17206848	0.24	cps
Terbium	159-2	11758645	11379125	11658001	11598590	1.70	cps
Thallium	203-1	617	627	723	656	8.99	cps
Thallium	205-1	1377	1493	1483	1451	4.46	cps
Tin	118-1	5971	6525	6171	6223	4.50	cps
Titanium	47-1	532147	525891	537151	531730	1.06	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	5
Date & Time Acquired :	2024-10-23 20:05:51	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3914	4004	3841	3920	2.09	cps
Vanadium	51-2	422120	413926	412689	416245	1.23	cps
Yttrium	89-1	24029180	24447049	24603598	24359942	1.22	cps
Yttrium	89-2	5880702	5803349	5795133	5826394	0.81	cps
Zinc	66-2	56898	56861	57109	56956	0.23	cps
Zirconium	90-1	63219	63102	63714	63345	0.51	cps
Zirconium	91-1	13977	14290	14114	14127	1.11	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19063238	18858941	19089889	19004023	0.66	cps
Antimony	121-1	727410	731662	736198	731756	0.60	cps
Arsenic	75-2	135014	134933	134624	134857	0.15	cps
Barium	135-1	5396037	5474989	5359998	5410341	1.09	cps
Barium	137-1	9296997	9429196	9429638	9385277	0.81	cps
Beryllium	9-1	66788	67155	66881	66941	0.29	cps
Bismuth	209-1	9695457	9685572	9778726	9719918	0.53	cps
Bismuth	209-2	7529740	7616838	7499500	7548693	0.81	cps
Bromine	81-1	14280	14781	13583	14215	4.23	cps
Bromine	81-2	693	800	727	740	7.37	cps
Cadmium	108-1	6902	7199	6888	6996	2.51	cps
Cadmium	106-1	14961	14357	14367	14562	2.37	cps
Cadmium	111-1	103060	104306	104076	103814	0.64	cps
Calcium	43-1	538750	537035	540389	538725	0.31	cps
Calcium	44-1	8302517	8295709	8454049	8350758	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1618192	1589134	1556988	1588105	1.93	cps
Cobalt	59-2	3733883	3742588	3721409	3732627	0.29	cps
Copper	63-2	3106264	2991213	3051169	3049548	1.89	cps
Dysprosium	156-1	65512	66356	66935	66268	1.08	cps
Dysprosium	156-2	52297	52484	52424	52402	0.18	cps
Erbium	164-1	62167	61615	62670	62151	0.85	cps
Erbium	164-2	41842	41007	40906	41252	1.25	cps
Gadolinium	160-1	63225	63604	63881	63570	0.52	cps
Gadolinium	160-2	45357	46223	46527	46035	1.32	cps
Holmium	165-1	16543710	16527144	16525314	16532056	0.06	cps
Holmium	165-2	11245435	11331428	11004669	11193844	1.51	cps
Indium	115-1	14025259	14111740	14115139	14084046	0.36	cps
Indium	115-2	4608096	4570613	4588267	4588992	0.41	cps
Iron	56-2	751506575	729715029	747802496	743008033	1.57	cps
Iron	57-2	18150365	18067991	18246632	18154996	0.49	cps
Iron	54-2	41015680	40765954	41080119	40953917	0.41	cps
Krypton	83-1	477	497	547	507	7.12	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	527857	533076	536228	532387	0.79	cps
Lead	207-1	453339	457482	461549	457457	0.90	cps
Lead	208-1	2069705	2102867	2101354	2091309	0.90	cps
Lithium	6-1	2005296	1952466	1990897	1982886	1.38	cps
Magnesium	24-2	19852424	20270388	20107571	20076795	1.05	cps
Manganese	55-2	13960254	13618909	13776959	13785374	1.24	cps
Molybdenum	94-1	119184	123031	120394	120869	1.63	cps
Molybdenum	95-1	7785	7942	7922	7883	1.08	cps
Molybdenum	96-1	33515	33923	33699	33712	0.61	cps
Molybdenum	97-1	4851	4561	4851	4754	3.52	cps
Molybdenum	98-1	11755	12272	12038	12022	2.15	cps
Neodymium	150-1	113970	115795	116228	115331	1.04	cps
Neodymium	150-2	65023	64731	65002	64919	0.25	cps
Nickel	60-2	1070666	1062072	1074113	1068950	0.58	cps
Phosphorus	31-2	50490	51352	50162	50668	1.21	cps
Potassium	39-2	7100718	7117751	7110112	7109527	0.12	cps
Rhodium	103-1	14029192	14074406	13872129	13991909	0.76	cps
Rhodium	103-2	8297837	8379281	8309996	8329038	0.53	cps
Scandium	45-1	11150183	11077226	11145320	11124243	0.37	cps
Scandium	45-2	974009	972504	972361	972958	0.09	cps
Selenium	82-1	18212	18224	18156	18197	0.20	cps
Selenium	77-2	1847	1933	1730	1837	5.56	cps
Selenium	78-2	6028	5935	5761	5908	2.29	cps
Silicon	28-1	35780724	36265224	35940754	35995567	0.69	cps
Silver	107-1	420367	424937	427088	424131	0.81	cps
Silver	109-1	395812	402892	403648	400784	1.08	cps
Sodium	23-2	225585	227229	231193	228002	1.26	cps
Strontium	86-1	269986	274068	271603	271886	0.76	cps
Strontium	88-1	2371582	2411356	2423065	2402001	1.12	cps
Sulfur	34-1	271073	272719	269884	271225	0.52	cps
Terbium	159-1	17288321	17068011	17105378	17153903	0.69	cps
Terbium	159-2	11123269	11214056	11295023	11210783	0.77	cps
Thallium	203-1	287376	290181	293060	290206	0.98	cps
Thallium	205-1	684389	692672	698765	691942	1.04	cps
Tin	118-1	25917	25733	26104	25918	0.72	cps
Titanium	47-1	2722268	2720894	2713710	2718957	0.17	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-09	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:09:04	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20529	20609	20720	20619	0.46	cps
Vanadium	51-2	3840216	3918751	3792304	3850423	1.66	cps
Yttrium	89-1	25050515	24974338	24590197	24871684	0.99	cps
Yttrium	89-2	5957761	5911822	5920756	5930113	0.41	cps
Zinc	66-2	596199	588341	589880	591474	0.70	cps
Zirconium	90-1	319888	318856	318177	318974	0.27	cps
Zirconium	91-1	72320	71708	71463	71830	0.61	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19752418	19708024	19646879	19702441	0.27	cps
Antimony	121-1	3639976	3677847	3649539	3655787	0.54	cps
Arsenic	75-2	198921	199361	198837	199040	0.14	cps
Barium	135-1	19350893	19755856	19657743	19588164	1.08	cps
Barium	137-1	33385140	34008574	33777225	33723646	0.93	cps
Beryllium	9-1	306124	311384	311098	309536	0.96	cps
Bismuth	209-1	9538951	9709755	9655040	9634582	0.91	cps
Bismuth	209-2	7512944	7575984	6258148	7115692	10.45	cps
Bromine	81-1	13199	13930	14017	13715	3.27	cps
Bromine	81-2	640	697	797	711	11.16	cps
Cadmium	108-1	30482	31304	31528	31105	1.77	cps
Cadmium	106-1	48588	48404	48578	48523	0.21	cps
Cadmium	111-1	470133	473493	472563	472063	0.37	cps
Calcium	43-1	508199	511091	516210	511834	0.79	cps
Calcium	44-1	7860089	7884403	7948431	7897641	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4546310	4467466	4568196	4527324	1.17	cps
Cobalt	59-2	14999051	15172399	15259254	15143568	0.87	cps
Copper	63-2	6882166	6824353	6980089	6895536	1.14	cps
Dysprosium	156-1	63014	64223	64139	63792	1.06	cps
Dysprosium	156-2	50932	51541	52059	51511	1.10	cps
Erbium	164-1	59128	59764	59275	59389	0.56	cps
Erbium	164-2	39833	40442	40418	40231	0.86	cps
Gadolinium	160-1	60463	61631	61738	61278	1.15	cps
Gadolinium	160-2	44099	44748	44527	44458	0.74	cps
Holmium	165-1	16557225	16259042	16512656	16442975	0.98	cps
Holmium	165-2	11043310	11168516	9213434	10475087	10.45	cps
Indium	115-1	14028696	13887443	13999045	13971728	0.53	cps
Indium	115-2	4615620	4612544	3715877	4314680	12.02	cps
Iron	56-2	714269349	716800469	725930576	719000132	0.85	cps
Iron	57-2	17930246	17634283	17756772	17773767	0.84	cps
Iron	54-2	39533490	39725145	40354838	39871158	1.08	cps
Krypton	83-1	523	470	480	491	5.77	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	872785	872262	879357	874801	0.45	cps
Lead	207-1	746564	765986	761541	758030	1.34	cps
Lead	208-1	3643470	3718007	3700652	3687376	1.06	cps
Lithium	6-1	1974944	1980686	1919885	1958505	1.71	cps
Magnesium	24-2	19204858	18999240	19328703	19177601	0.87	cps
Manganese	55-2	18126136	17910943	18373335	18136805	1.28	cps
Molybdenum	94-1	113315	114927	117783	115341	1.96	cps
Molybdenum	95-1	7659	7625	7695	7660	0.46	cps
Molybdenum	96-1	33091	33051	32713	32952	0.63	cps
Molybdenum	97-1	4844	4751	4617	4737	2.41	cps
Molybdenum	98-1	11621	11802	12065	11829	1.89	cps
Neodymium	150-1	109921	111880	112827	111542	1.33	cps
Neodymium	150-2	62297	61838	62635	62257	0.64	cps
Nickel	60-2	4044643	4059203	4067674	4057173	0.29	cps
Phosphorus	31-2	48433	48306	49252	48664	1.06	cps
Potassium	39-2	6898384	6942047	6930332	6923588	0.33	cps
Rhodium	103-1	13968838	13555109	13757052	13760333	1.50	cps
Rhodium	103-2	8343840	8351420	6845357	7846872	11.05	cps
Scandium	45-1	11007394	10936974	10944079	10962816	0.35	cps
Scandium	45-2	964038	958014	797838	906630	10.40	cps
Selenium	82-1	75838	76385	76389	76204	0.42	cps
Selenium	77-2	6938	6882	7162	6994	2.12	cps
Selenium	78-2	23425	23055	23879	23453	1.76	cps
Silicon	28-1	34187165	34192724	33782450	34054113	0.69	cps
Silver	107-1	2077663	2138221	1939709	2051864	4.96	cps
Silver	109-1	1836783	2062083	1976928	1958598	5.81	cps
Sodium	23-2	207438	208472	208390	208100	0.28	cps
Strontium	86-1	256425	260745	259176	258782	0.85	cps
Strontium	88-1	2285627	2359102	2326290	2323673	1.58	cps
Sulfur	34-1	262424	265560	259820	262601	1.09	cps
Terbium	159-1	17209533	17151418	17364200	17241717	0.64	cps
Terbium	159-2	11147116	11056048	9140456	10447873	10.85	cps
Thallium	203-1	1375433	1399250	1408236	1394306	1.22	cps
Thallium	205-1	3642859	3753543	3765173	3720525	1.81	cps
Tin	118-1	21923	22034	22261	22073	0.78	cps
Titanium	47-1	2533961	2589344	2573178	2565494	1.11	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	P4293-07MS	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:12:04	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19992	20022	20115	20043	0.32	cps
Vanadium	51-2	10250524	10181118	10395872	10275838	1.07	cps
Yttrium	89-1	24413712	24651184	24775111	24613336	0.75	cps
Yttrium	89-2	5840077	5975498	4859854	5558477	10.95	cps
Zinc	66-2	1801004	1839403	1858819	1833075	1.61	cps
Zirconium	90-1	300776	307967	307795	305513	1.34	cps
Zirconium	91-1	66828	68409	67682	67639	1.17	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17502793	17235581	17462143	17400172	0.83	cps
Antimony	121-1	6024541	6113544	6097387	6078491	0.78	cps
Arsenic	75-2	366990	367802	366907	367233	0.13	cps
Barium	135-1	7745114	7846434	7785189	7792246	0.65	cps
Barium	137-1	13466372	13775967	13311712	13518017	1.75	cps
Beryllium	9-1	1238528	1241531	1268622	1249560	1.33	cps
Bismuth	209-1	8537832	8572900	8578248	8562993	0.26	cps
Bismuth	209-2	7015871	6947649	7033249	6998923	0.65	cps
Bromine	81-1	11481	10914	11131	11175	2.56	cps
Bromine	81-2	137	127	137	133	4.33	cps
Cadmium	108-1	115989	118792	118432	117738	1.30	cps
Cadmium	106-1	172046	173655	172994	172898	0.47	cps
Cadmium	111-1	1580700	1563701	1613999	1586133	1.61	cps
Calcium	43-1	10995107	10912370	10705968	10871148	1.37	cps
Calcium	44-1	172582054	173412754	173268424	173087744	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3238741	3243448	3178212	3220133	1.13	cps
Cobalt	59-2	5190765	5177798	5242750	5203771	0.66	cps
Copper	63-2	36270912	35655843	35752129	35892961	0.92	cps
Dysprosium	156-1	263	277	290	277	4.82	cps
Dysprosium	156-2	390	400	403	398	1.74	cps
Erbium	164-1	343	390	383	372	6.78	cps
Erbium	164-2	233	210	260	234	10.67	cps
Gadolinium	160-1	257	303	287	282	8.38	cps
Gadolinium	160-2	460	527	420	469	11.49	cps
Holmium	165-1	15414647	15476258	15078947	15323284	1.40	cps
Holmium	165-2	10946070	11177056	10947938	11023688	1.20	cps
Indium	115-1	13017017	12838009	12657785	12837604	1.40	cps
Indium	115-2	4381087	4377149	4383150	4380462	0.07	cps
Iron	56-2	665815243	669702550	662431790	665983195	0.55	cps
Iron	57-2	16521863	16315866	16601416	16479715	0.89	cps
Iron	54-2	36983579	36684308	36446424	36704770	0.73	cps
Krypton	83-1	433	380	443	419	8.13	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20567977	21066264	21036643	20890295	1.34	cps
Lead	207-1	17986905	18308840	18267955	18187900	0.96	cps
Lead	208-1	82695653	83781715	83725809	83401059	0.73	cps
Lithium	6-1	2013021	2092723	2116851	2074198	2.62	cps
Magnesium	24-2	150646744	149843991	151477954	150656230	0.54	cps
Manganese	55-2	22532020	22223331	22164689	22306680	0.88	cps
Molybdenum	94-1	25878681	26641388	26301099	26273723	1.45	cps
Molybdenum	95-1	37769229	38566371	38559754	38298451	1.20	cps
Molybdenum	96-1	41557973	42512528	41797886	41956129	1.18	cps
Molybdenum	97-1	23553451	24016352	23526256	23698687	1.16	cps
Molybdenum	98-1	59420296	61732946	60456331	60536524	1.91	cps
Neodymium	150-1	400	383	373	386	3.49	cps
Neodymium	150-2	120	123	113	119	4.28	cps
Nickel	60-2	1263833	1259891	1260926	1261550	0.16	cps
Phosphorus	31-2	192723	193517	193942	193394	0.32	cps
Potassium	39-2	92012089	91193279	91787165	91664178	0.46	cps
Rhodium	103-1	12577677	12594660	12303115	12491817	1.31	cps
Rhodium	103-2	7653936	7573545	7616302	7614594	0.53	cps
Scandium	45-1	9852683	10019968	9910659	9927770	0.86	cps
Scandium	45-2	861515	849640	856566	855907	0.70	cps
Selenium	82-1	113470	114493	114242	114069	0.47	cps
Selenium	77-2	10404	10327	10584	10438	1.26	cps
Selenium	78-2	34313	33708	34079	34033	0.90	cps
Silicon	28-1	16695597	16618778	16918654	16744343	0.93	cps
Silver	107-1	8339616	8281651	8243216	8288161	0.59	cps
Silver	109-1	7822251	7798024	7767569	7795948	0.35	cps
Sodium	23-2	260016363	260151909	258097463	259421912	0.44	cps
Strontium	86-1	56654962	57241244	56815914	56904040	0.53	cps
Strontium	88-1	492604446	499376646	500063273	497348121	0.83	cps
Sulfur	34-1	1002255	1007741	1018265	1009420	0.81	cps
Terbium	159-1	16035971	15967679	15916399	15973349	0.38	cps
Terbium	159-2	11029159	10952192	10936626	10972659	0.45	cps
Thallium	203-1	5283170	5282504	5207541	5257738	0.83	cps
Thallium	205-1	12411436	12455526	12493140	12453368	0.33	cps
Tin	118-1	5146910	5209195	5124851	5160319	0.85	cps
Titanium	47-1	11396640	11422355	11682168	11500387	1.37	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:29:57	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16235606	16564674	16515312	16438531	1.08	cps
Vanadium	51-2	2922136	2928319	2834898	2895118	1.80	cps
Yttrium	89-1	22568277	22683451	22504748	22585492	0.40	cps
Yttrium	89-2	5367450	5330672	5505006	5401043	1.70	cps
Zinc	66-2	5502441	5486338	5469805	5486195	0.30	cps
Zirconium	90-1	12058634	12314677	12338478	12237263	1.27	cps
Zirconium	91-1	2720274	2723070	2768198	2737181	0.98	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1270	1170	1160	1200	5.07	cps
Antimony	121-1	4481	4424	5281	4729	10.14	cps
Arsenic	75-2	30	40	27	32	21.53	cps
Barium	135-1	517	323	340	393	27.24	cps
Barium	137-1	677	677	477	610	18.93	cps
Beryllium	9-1	100	92	88	93	6.71	cps
Bismuth	209-1	9697497	9577890	9607194	9627527	0.65	cps
Bismuth	209-2	7869662	7847206	7773906	7830258	0.64	cps
Bromine	81-1	11258	11681	11978	11639	3.11	cps
Bromine	81-2	127	193	150	157	21.59	cps
Cadmium	108-1	13	20	17	17	20.01	cps
Cadmium	106-1	4497	4437	4641	4525	2.31	cps
Cadmium	111-1	3282	3192	3344	3273	2.33	cps
Calcium	43-1	1007	873	777	886	13.04	cps
Calcium	44-1	47783	45908	46192	46628	2.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1500	1597	1697	1598	6.16	cps
Cobalt	59-2	260	283	263	269	4.69	cps
Copper	63-2	4321	4314	4221	4285	1.31	cps
Dysprosium	156-1	3	7	20	10	88.20	cps
Dysprosium	156-2	13	0	7	7	99.98	cps
Erbium	164-1	130	120	123	124	4.09	cps
Erbium	164-2	70	47	67	61	20.65	cps
Gadolinium	160-1	83	80	67	77	11.50	cps
Gadolinium	160-2	310	393	333	346	12.44	cps
Holmium	165-1	15726765	15957866	15734714	15806448	0.83	cps
Holmium	165-2	11358936	11195642	11103206	11219261	1.15	cps
Indium	115-1	14243847	14097285	13991793	14110975	0.90	cps
Indium	115-2	4810393	4734991	4708227	4751204	1.12	cps
Iron	56-2	44686	43867	43763	44106	1.15	cps
Iron	57-2	2597	2624	2640	2620	0.83	cps
Iron	54-2	4064	3917	3660	3881	5.26	cps
Krypton	83-1	320	370	333	341	7.59	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2014	1647	1630	1763	12.29	cps
Lead	207-1	1677	1460	1420	1519	9.09	cps
Lead	208-1	7858	6691	6291	6946	11.72	cps
Lithium	6-1	2236280	2209398	2194484	2213387	0.96	cps
Magnesium	24-2	5384	5171	5404	5320	2.43	cps
Manganese	55-2	1180	1187	1120	1162	3.16	cps
Molybdenum	94-1	2697	2494	2500	2564	4.51	cps
Molybdenum	95-1	2830	2660	2354	2615	9.24	cps
Molybdenum	96-1	3360	2614	2767	2914	13.54	cps
Molybdenum	97-1	1873	1627	1507	1669	11.20	cps
Molybdenum	98-1	4574	3941	3684	4066	11.27	cps
Neodymium	150-1	17	27	13	19	36.75	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	330	320	280	310	8.53	cps
Phosphorus	31-2	213	237	257	236	9.21	cps
Potassium	39-2	93776	92932	94393	93700	0.78	cps
Rhodium	103-1	13979593	13926133	13945397	13950374	0.19	cps
Rhodium	103-2	8618420	8618560	8540871	8592617	0.52	cps
Scandium	45-1	10158244	10155876	10292092	10202070	0.76	cps
Scandium	45-2	874980	874572	871865	873805	0.19	cps
Selenium	82-1	543	501	615	553	10.46	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	423	450	423	432	3.56	cps
Silicon	28-1	393702	392259	391342	392434	0.30	cps
Silver	107-1	1293	917	707	972	30.58	cps
Silver	109-1	1083	840	683	869	23.20	cps
Sodium	23-2	73484	72389	71260	72378	1.54	cps
Strontium	86-1	3090	2810	2447	2783	11.59	cps
Strontium	88-1	23092	18495	15235	18941	20.84	cps
Sulfur	34-1	320928	324383	323991	323100	0.59	cps
Terbium	159-1	16581987	16654974	16691401	16642787	0.33	cps
Terbium	159-2	11378730	11197401	11283437	11286523	0.80	cps
Thallium	203-1	843	817	587	749	18.84	cps
Thallium	205-1	2074	1737	1667	1826	11.91	cps
Tin	118-1	2820	2937	3257	3005	7.53	cps
Titanium	47-1	953	863	787	868	9.61	cps

Reviewed By:mohan
On:10/24/2024
10:33:28 PM
Inst Id :P7

LB Number :	LB133092	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-23 20:32:41	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	667	630	537	611	10.97	cps
Vanadium	51-2	83	140	110	111	25.52	cps
Yttrium	89-1	23253987	23271968	23502985	23342980	0.59	cps
Yttrium	89-2	5669966	5681866	5594863	5648898	0.84	cps
Zinc	66-2	2627	2610	2610	2616	0.37	cps
Zirconium	90-1	2884	2727	2850	2820	2.93	cps
Zirconium	91-1	597	557	653	602	8.07	cps

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : P4292

Test : Metals CLP MS FULL

Prepbatch ID : PB163992,

Sequence ID/Qc Batch ID: LB133087,LB133092,

Standard ID :
MP81119,MP82127,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82583,MP82585,MP82586,MP82587,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5473,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5697,M5698,M5739,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6037,M6040,M6055,M6083,W2606,W3112,

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	10/24/2024	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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP82568	09/28/2024	10/26/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 25.00000ml of M6040 + 4925.00000ml of W3112 + 50.00000ml of M6037 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP82569	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5768 + 5.00000ml of M5806 + 79.00000ml of MP82568 = Final Quantity: 100.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP82570	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M5976 + 10.00000ml of M5978 + 10.00000ml of M6037 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6040 + 50.00000ml of M5304 + 829.10000ml of W3112 + 9.00000ml of M5697 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.90000ml of M5498 + 9.90000ml of M5768 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP82571	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 25.00000ml of MP82570 = Final Quantity: 100.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP82572	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 73.50000ml of W3112 + 25.00000ml of MP82570 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP82573	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 12.50000ml of MP82570 = Final Quantity: 100.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP82574	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82571 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP82575	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6040 + 226.25000ml of W3112 + 5.00000ml of M6037 = Final Quantity: 250.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP82576	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_2 (ICP B)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 98.00000ml of W3112 + 0.50000ml of MP82575 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP82577	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82576 = Final Quantity: 100.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP82578	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP82579	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5473 + 10.00000ml of M6037 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5697 + 4.50000ml of M5698 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6040 + 824.35000ml of W3112 = Final Quantity: 1000.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP82580	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP82581	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP82568 = Final Quantity: 100.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP82583	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5982 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5697 + 0.50000ml of M5802 + 1.25000ml of M5192 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5769 + 12.50000ml of M5806 + 158.75000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6040 + 5.00000ml of M5515 + 5.00000ml of M6037 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP82585	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.01000ml of M5768 + 9.99000ml of MP82568 = Final Quantity: 100.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP82586	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP82585 + 96.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP82587	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 5.00000ml of M6037 + 75.00000ml of M5739 + 170.00000ml of MP82568 = Final Quantity: 250.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	02/20/2020 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/29/2025	03/16/2023 / jaswal	03/16/2023 / jaswal	M5473

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 / jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 / jaswal	08/03/2022 / Al-Terek	M5634

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2023 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/08/2025	08/09/2024 / jaswal	08/01/2024 / Janvi	M6040

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	03/25/2029	10/06/2024 / Janvi	09/02/2024 / Janvi	M6083

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R 8/5/24

M6028

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

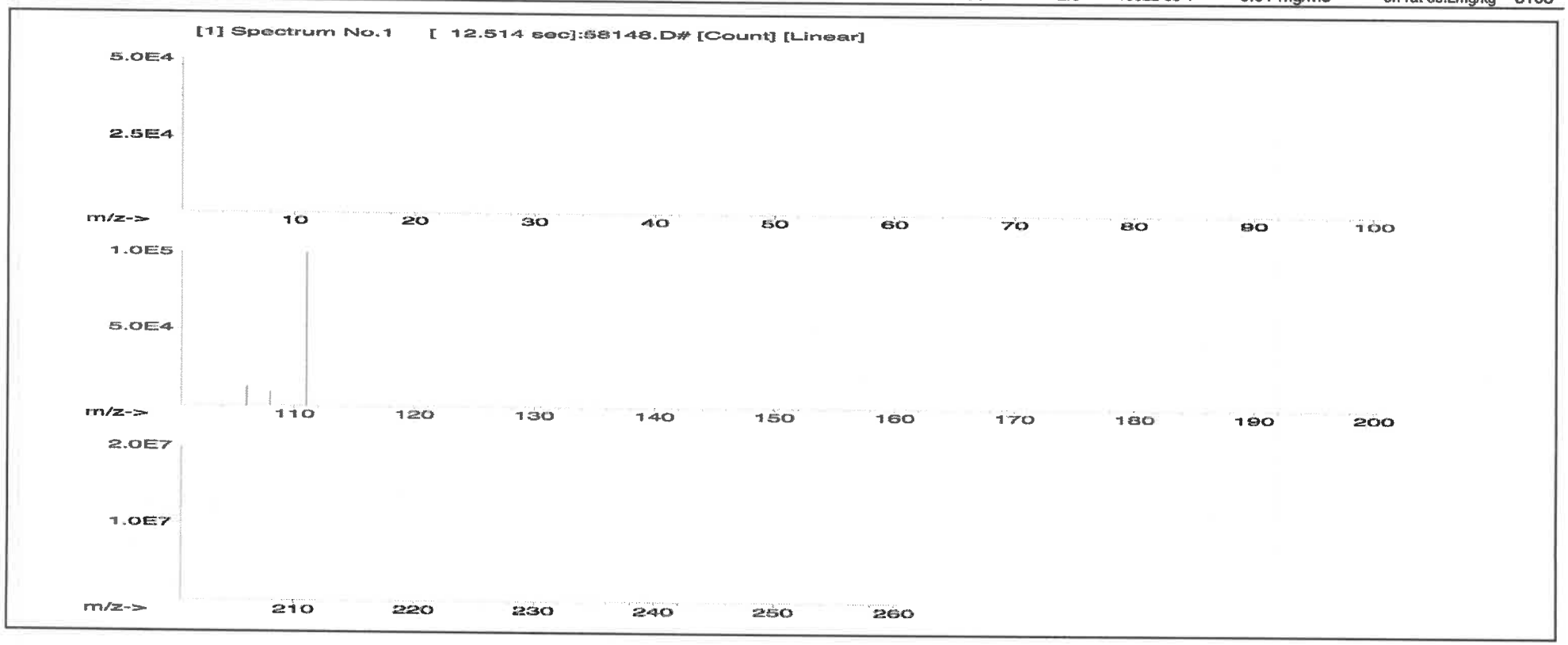
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

R: 8/5/24

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

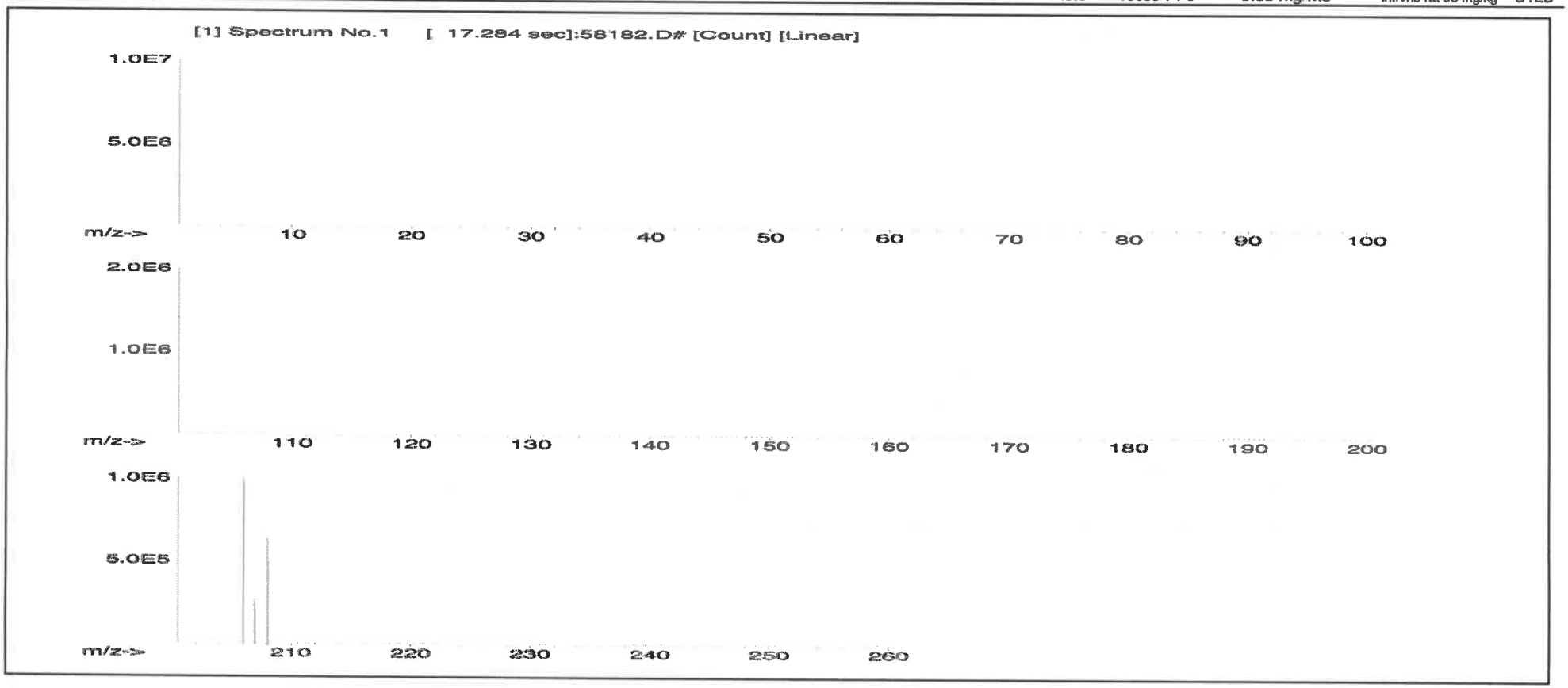
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546		Nitric Acid
	2%	40.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* 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

M5192 R: 06/17/22

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

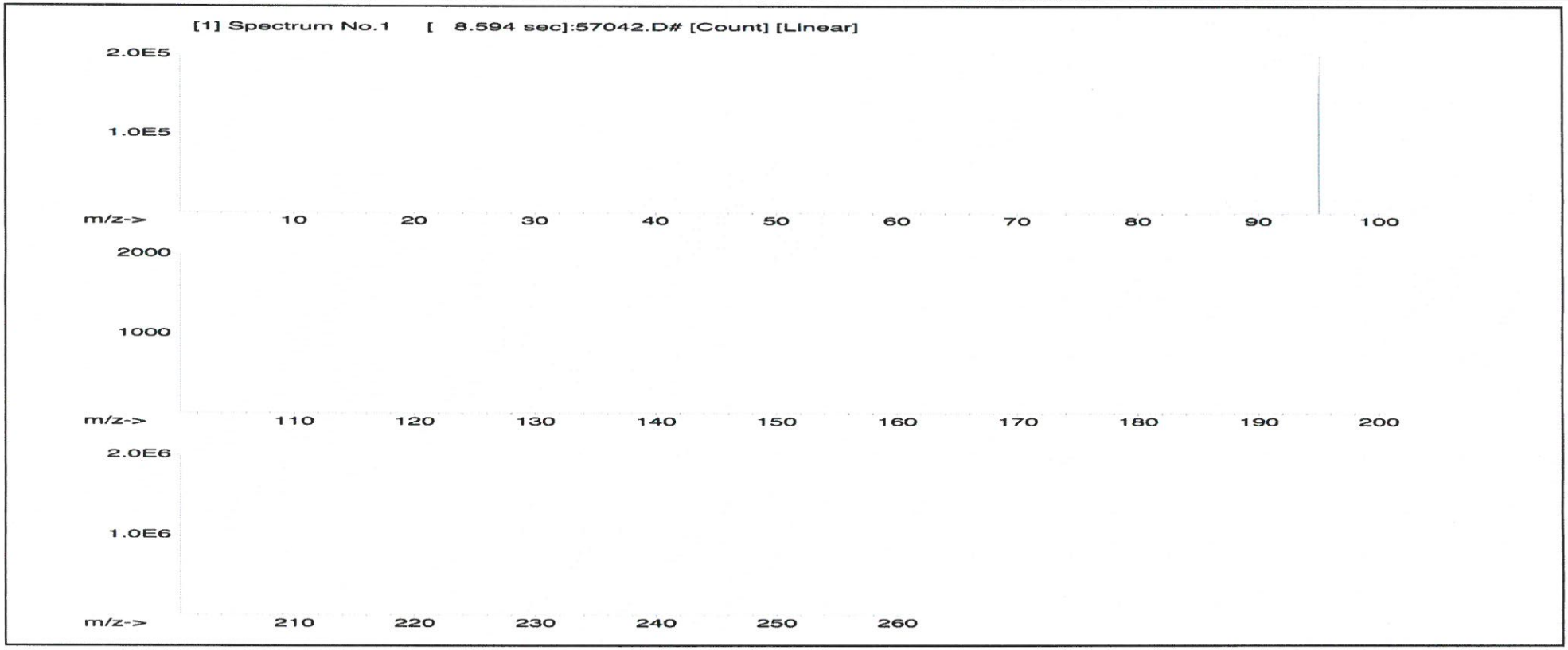
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

	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)

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

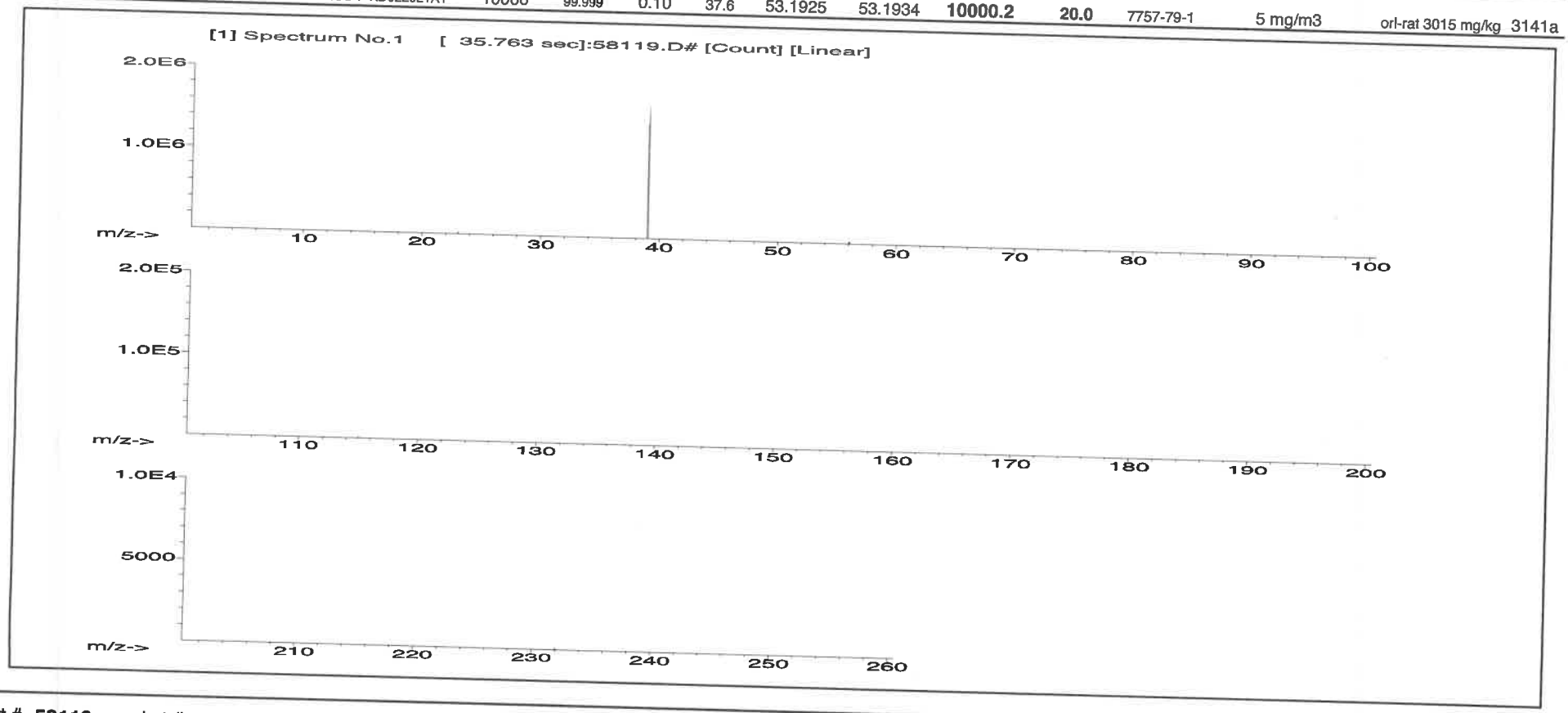
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

		Lot #	
Solvent:	20510011		Nitric Acid
2%	40.0 (mL)		Nitric Acid
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	071122
Reviewed By:	Pedro L. Rentas	071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

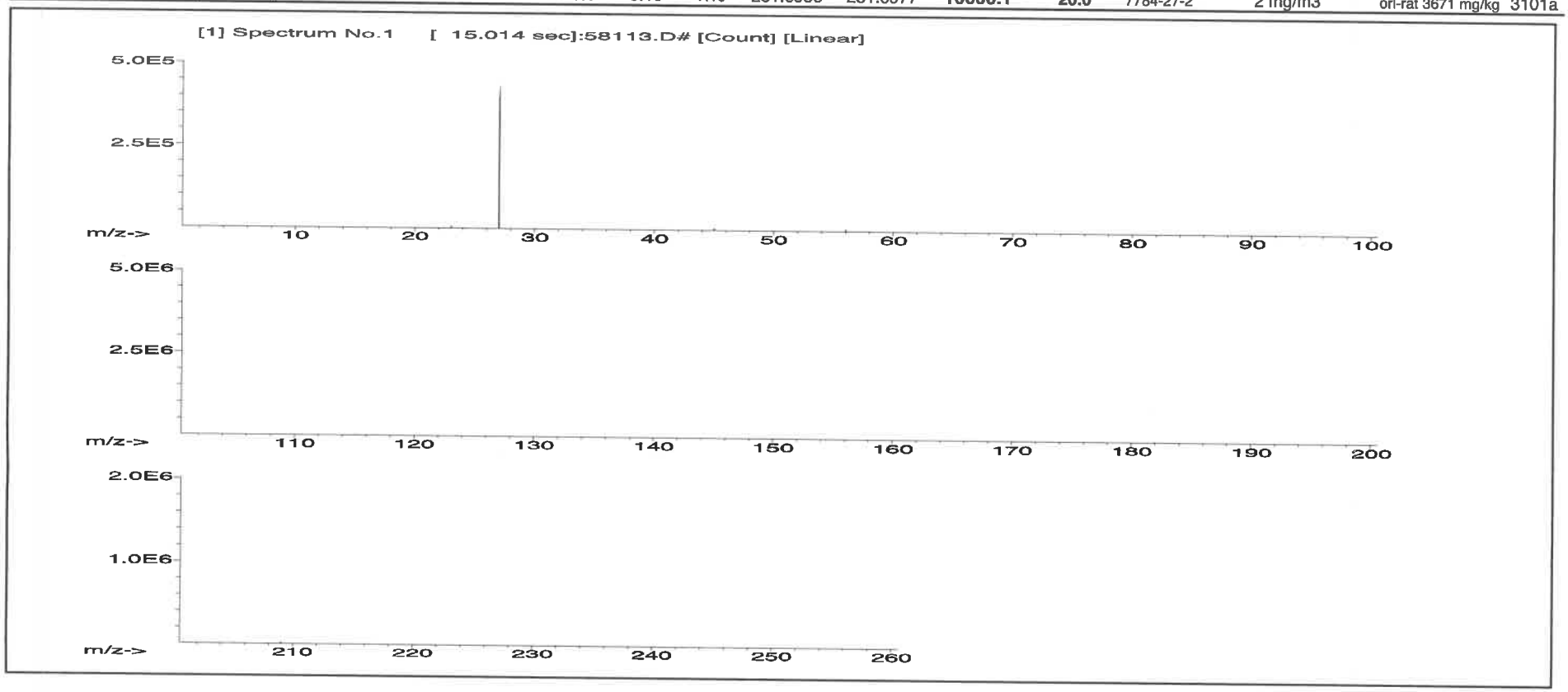
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
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

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

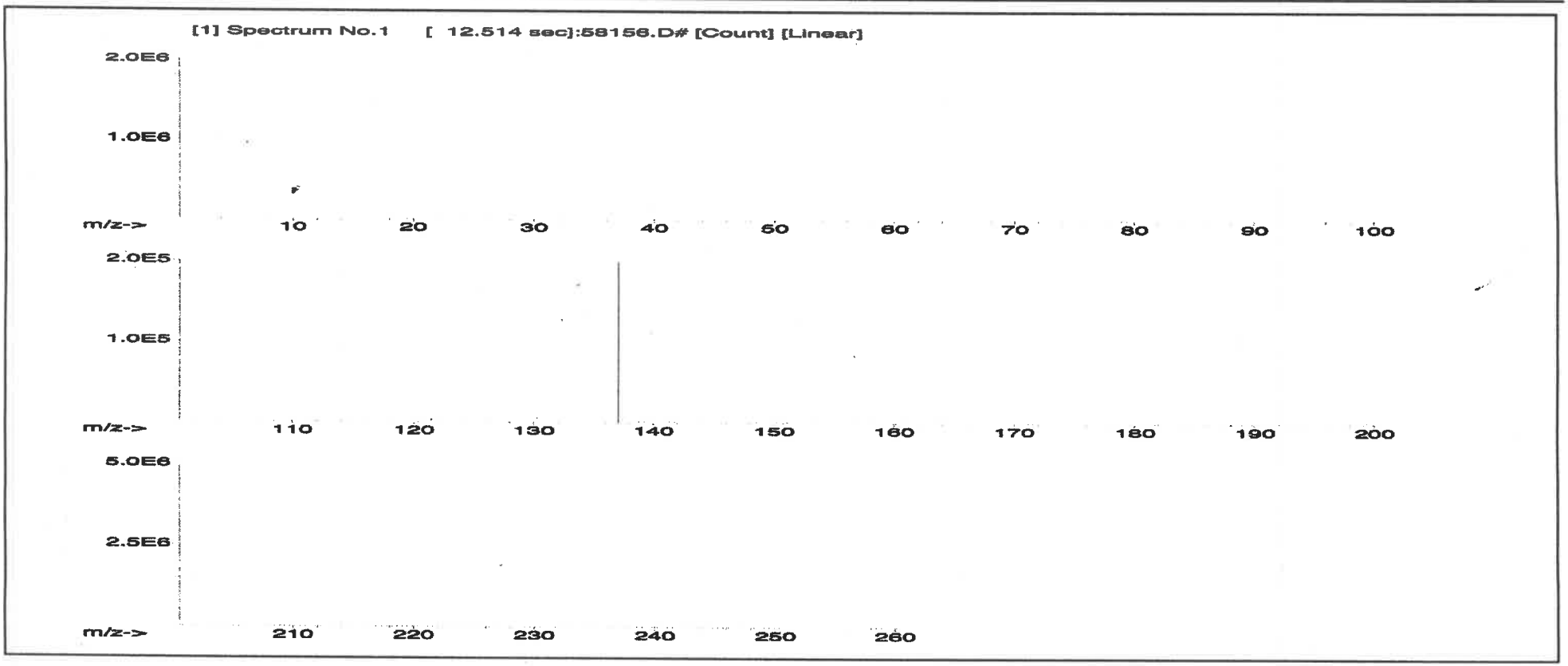
CERTIFIED WEIGHT REPORT:

		Lot #		
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	**2.0**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

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)

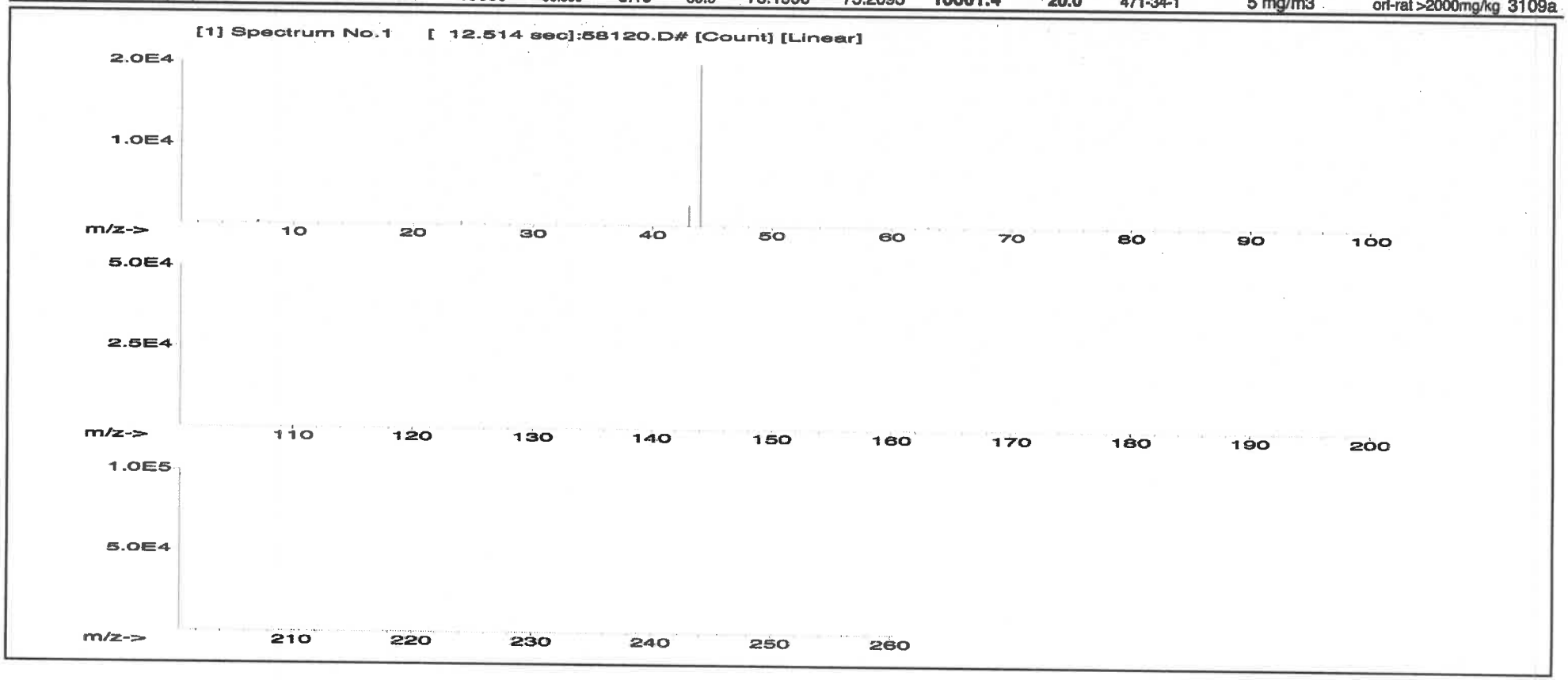
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Giovanni Esposito
Formulated By: Giovanni Esposito 031523

Pedro Rentas
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.
800-368-1131
www.absolutestandards.com

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

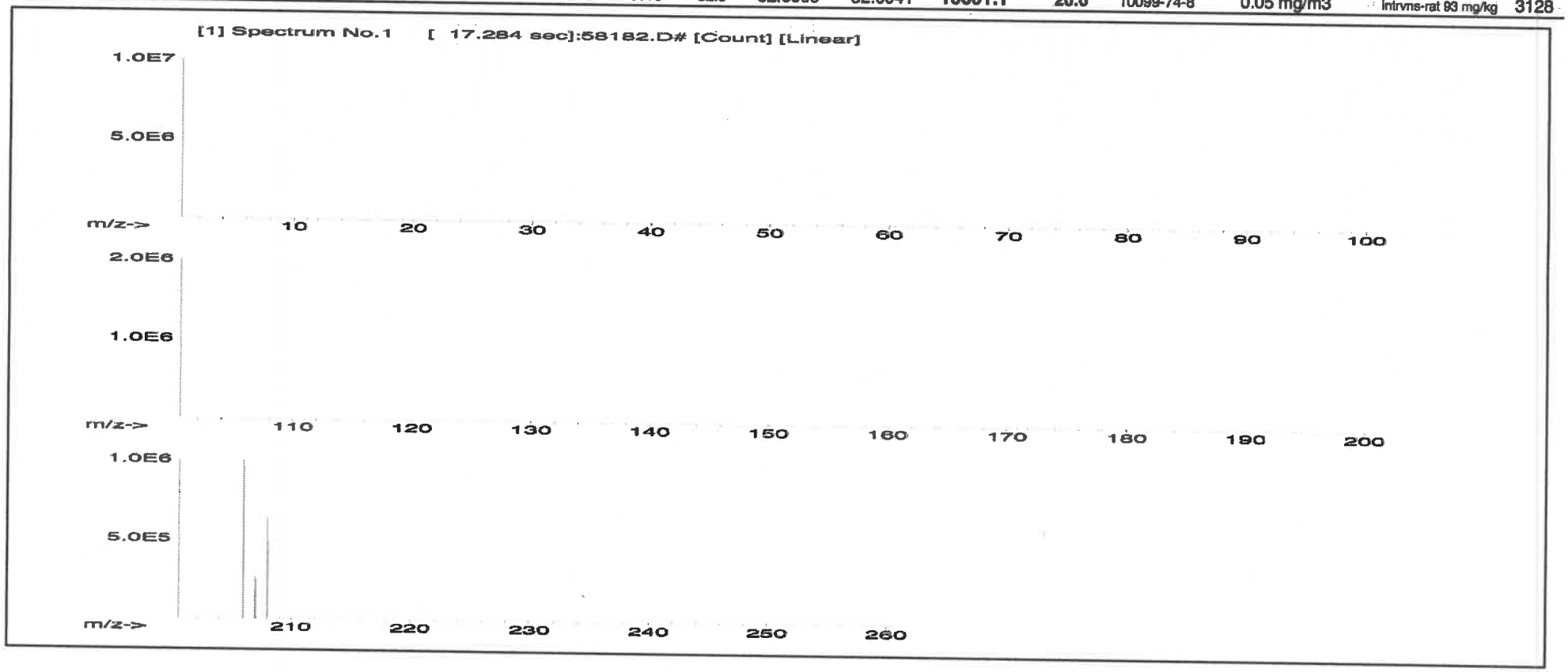
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

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

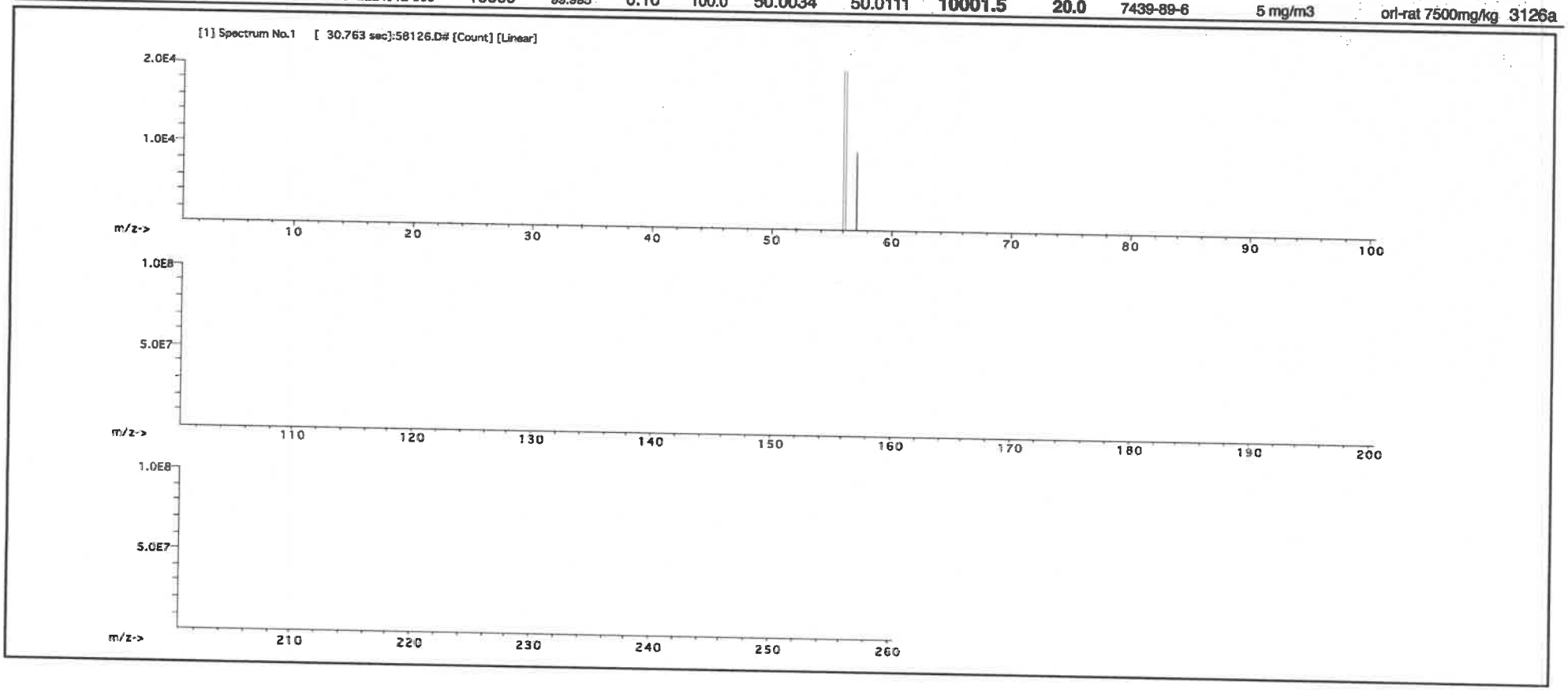
Giovanni Esposito

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.
* 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

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

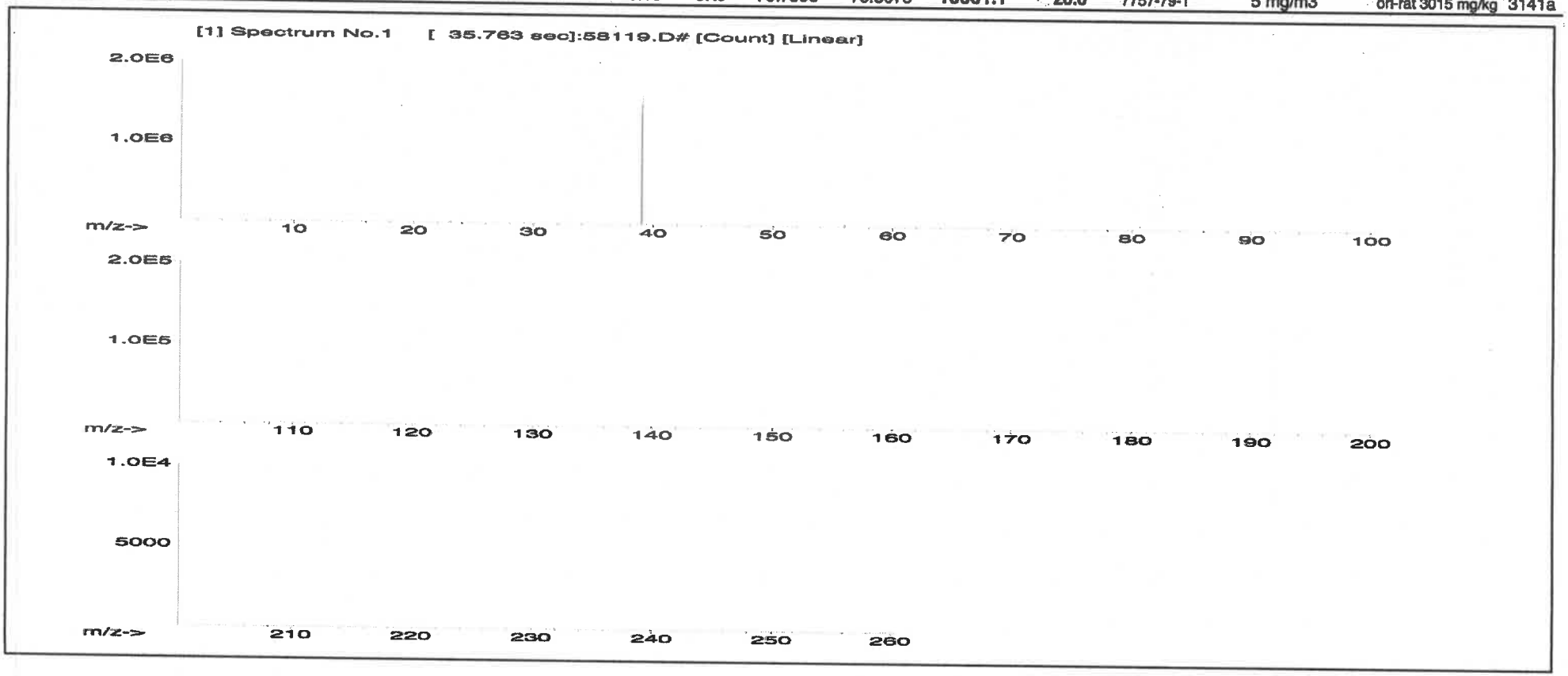
Lot #		
Solvent: 20510011		Nitric Acid
2%	60.0 (mL)	Nitric Acid

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.
* 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.

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



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5658 R ! 8/25/23

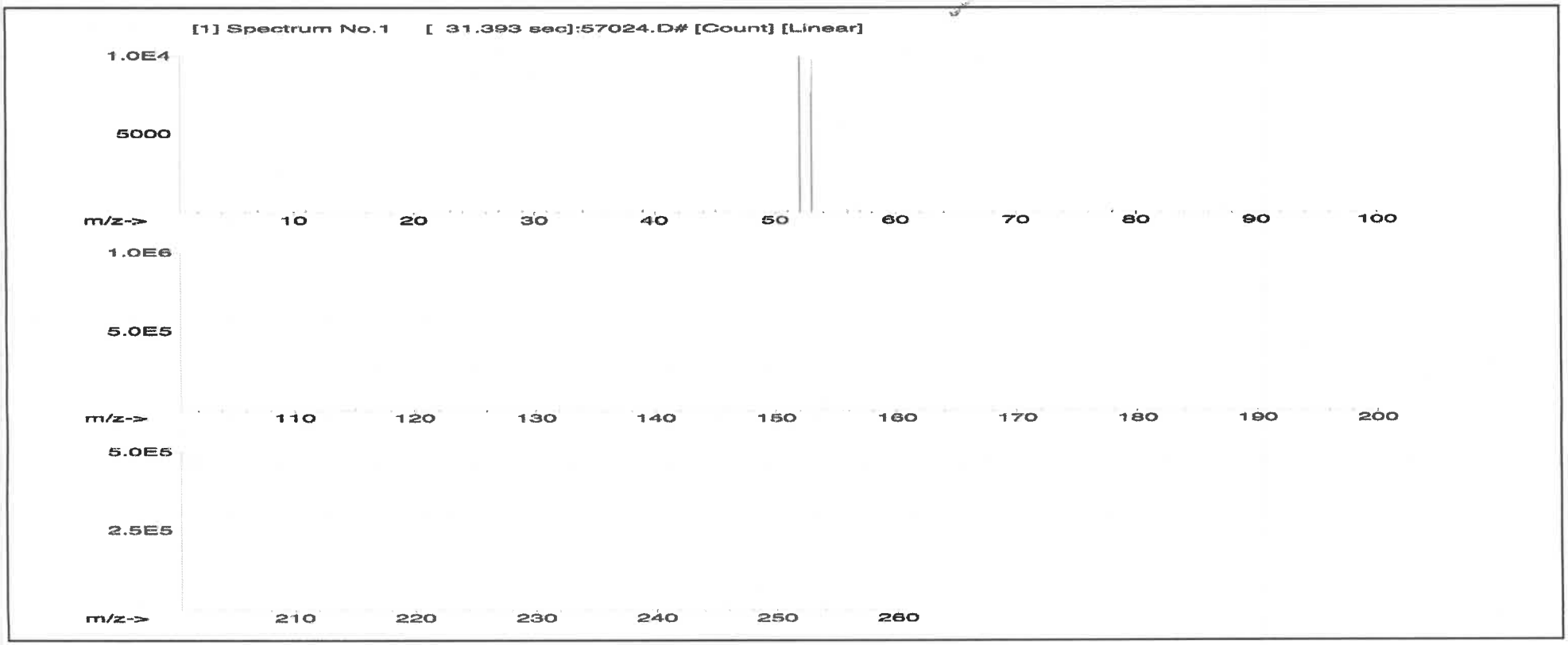
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5697 R: 10/27/23

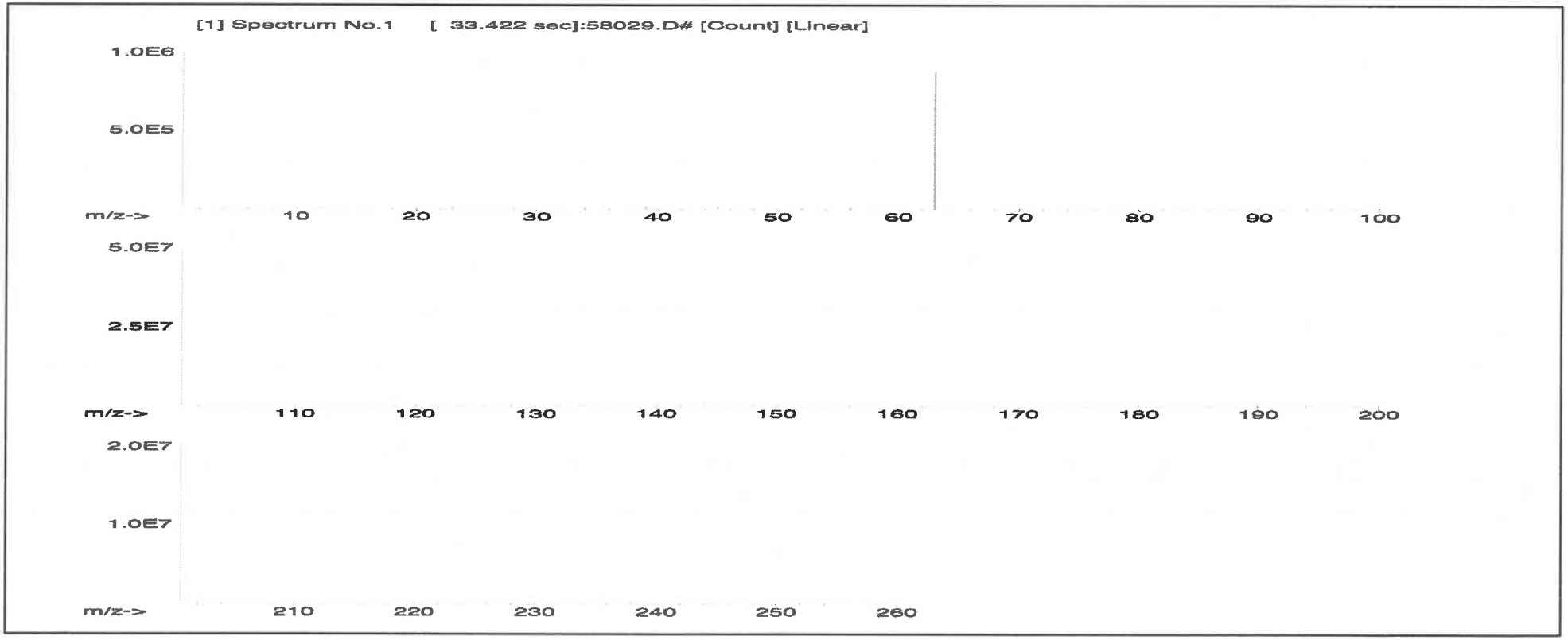
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Copper (Cu)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	100223	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5648 R: 10/27/23

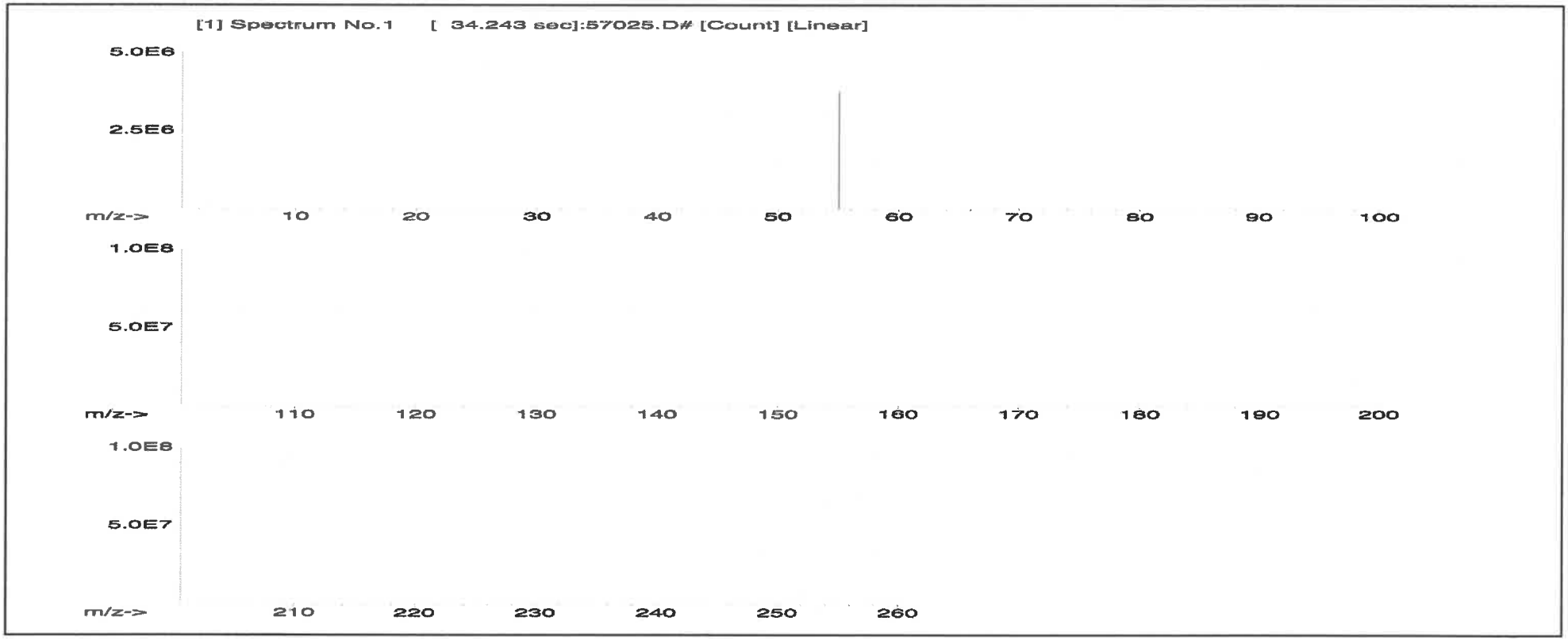
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

M5768 M5769 (BP) R:1/3/24

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

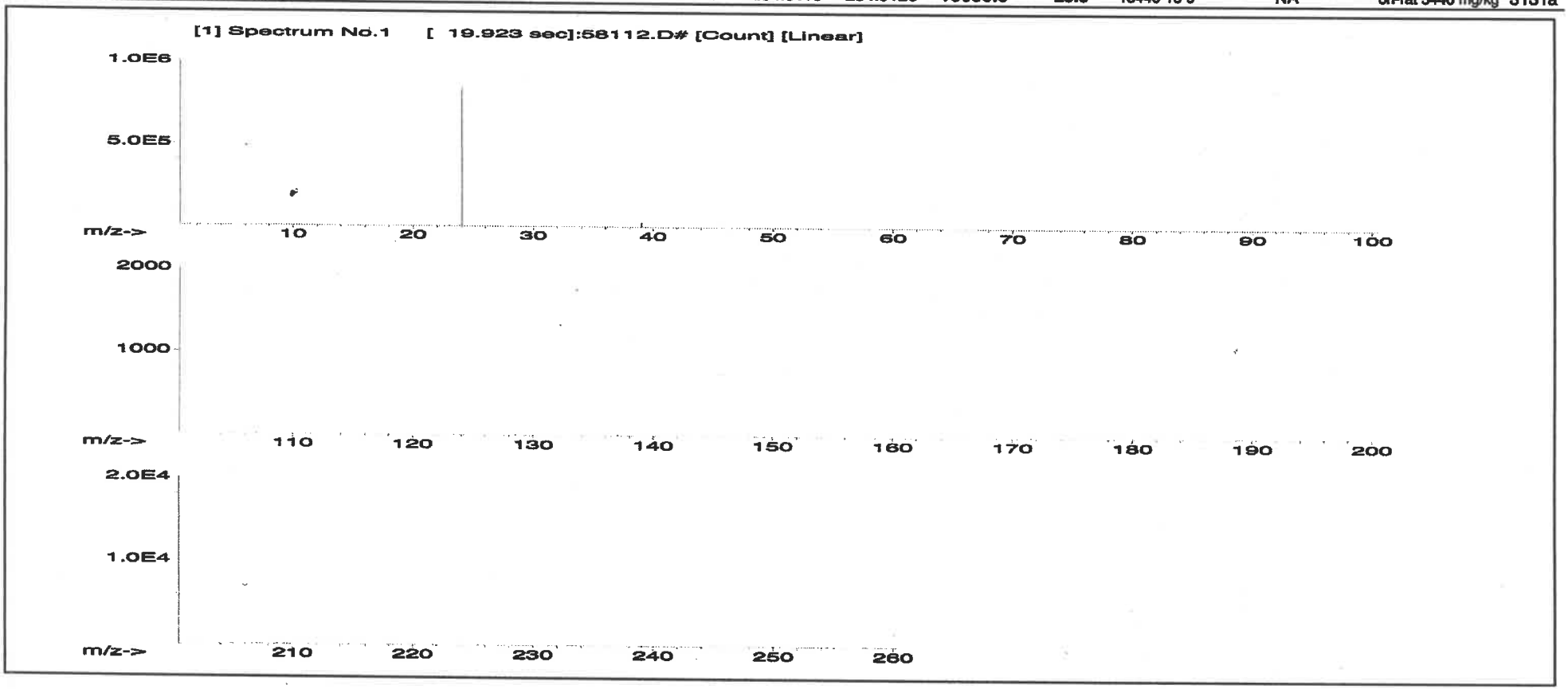
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* 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

M5768 M5769 (BP) R:1/3/24

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

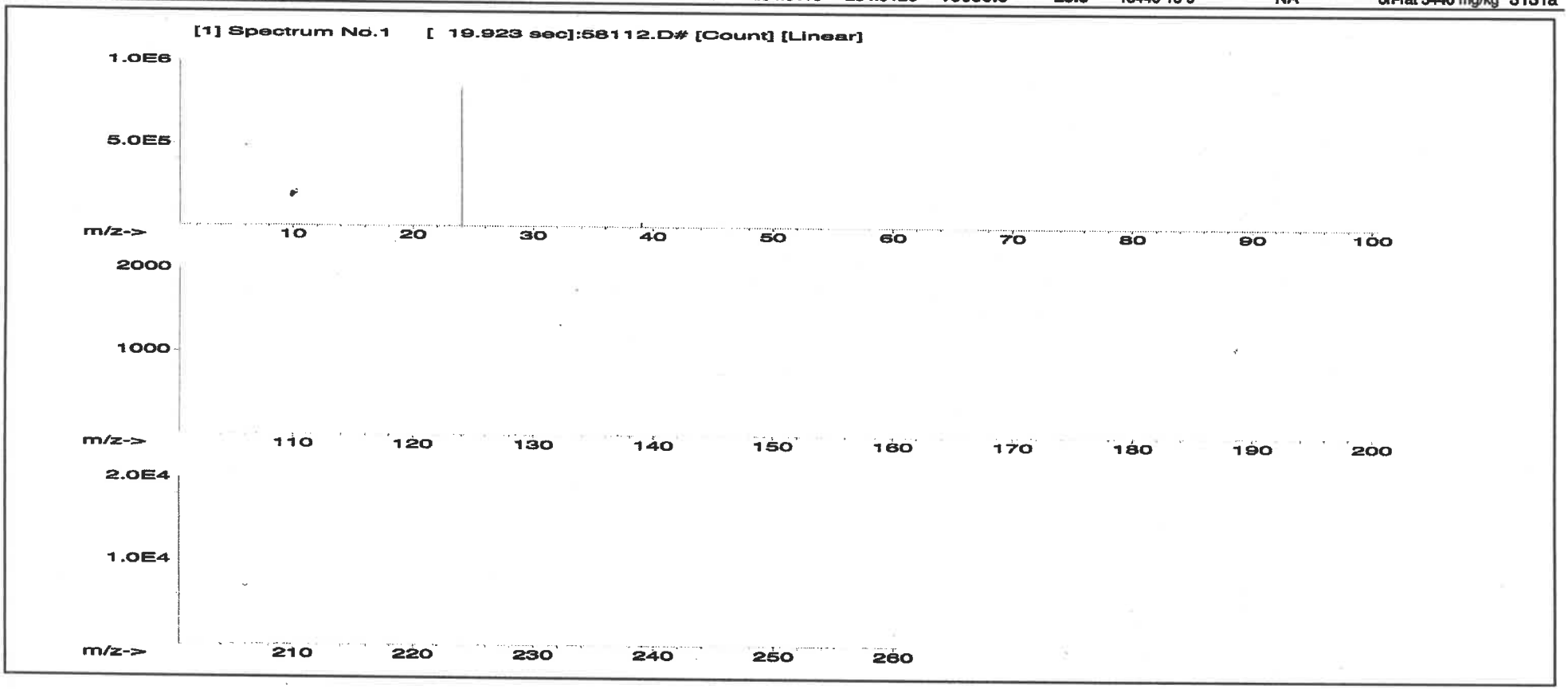
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 02/09/24 M5798

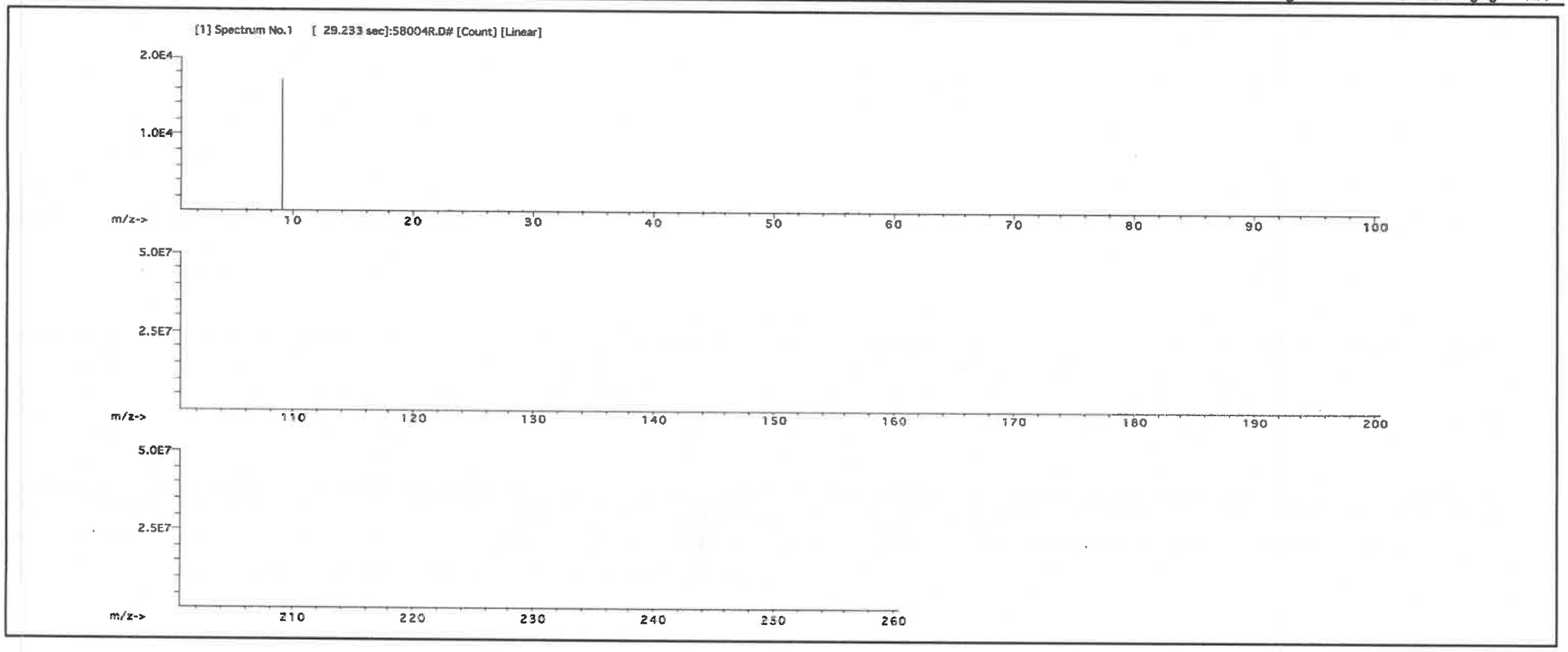
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R? 02/09/24 IV15799

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

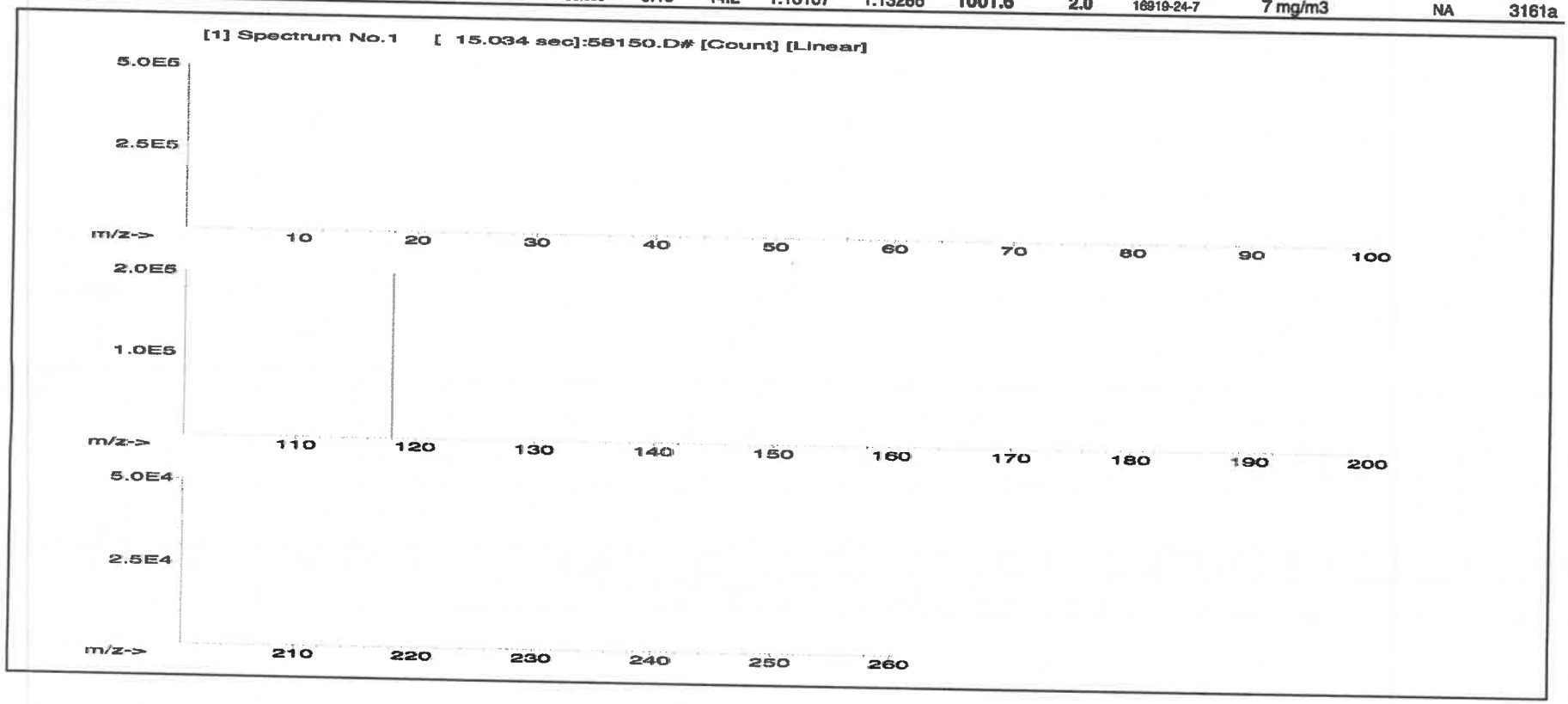
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 02/09/24 IM5800 BH

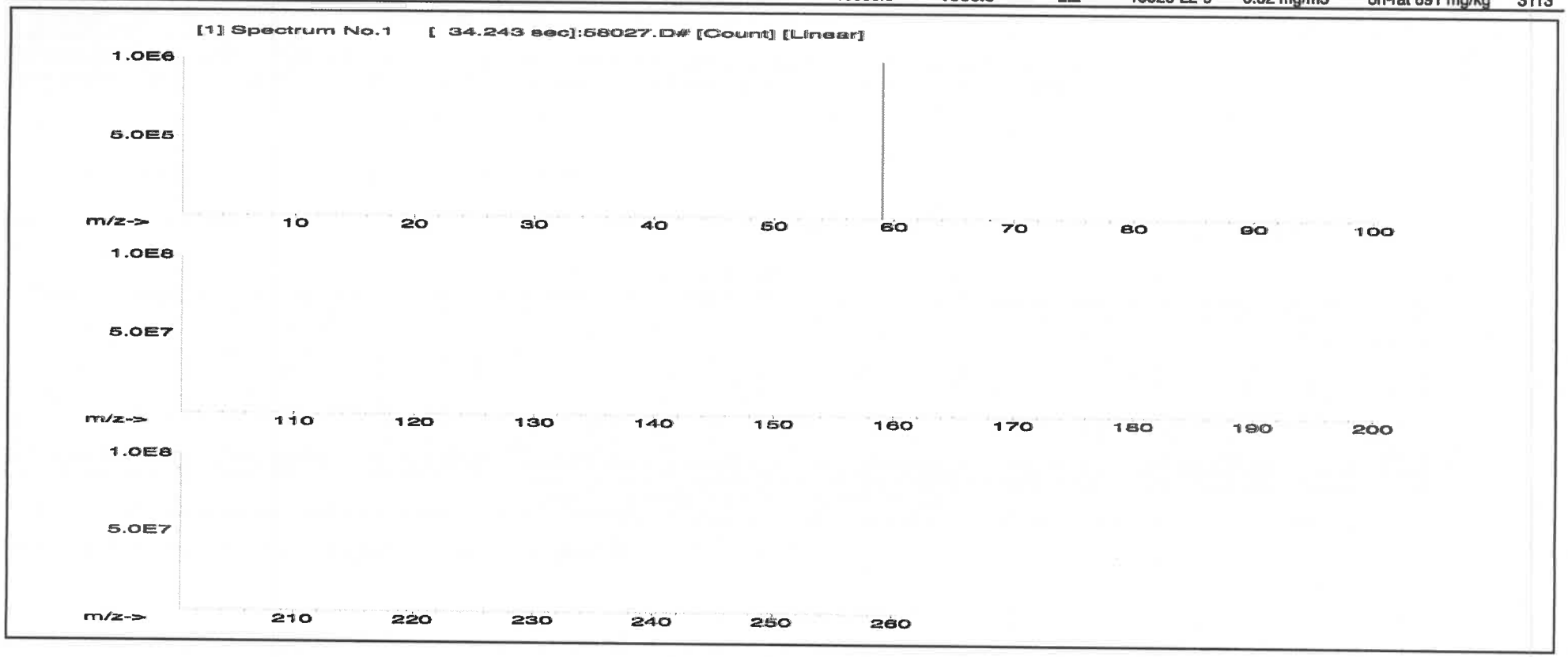
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 02/09/24 IM5801 BH

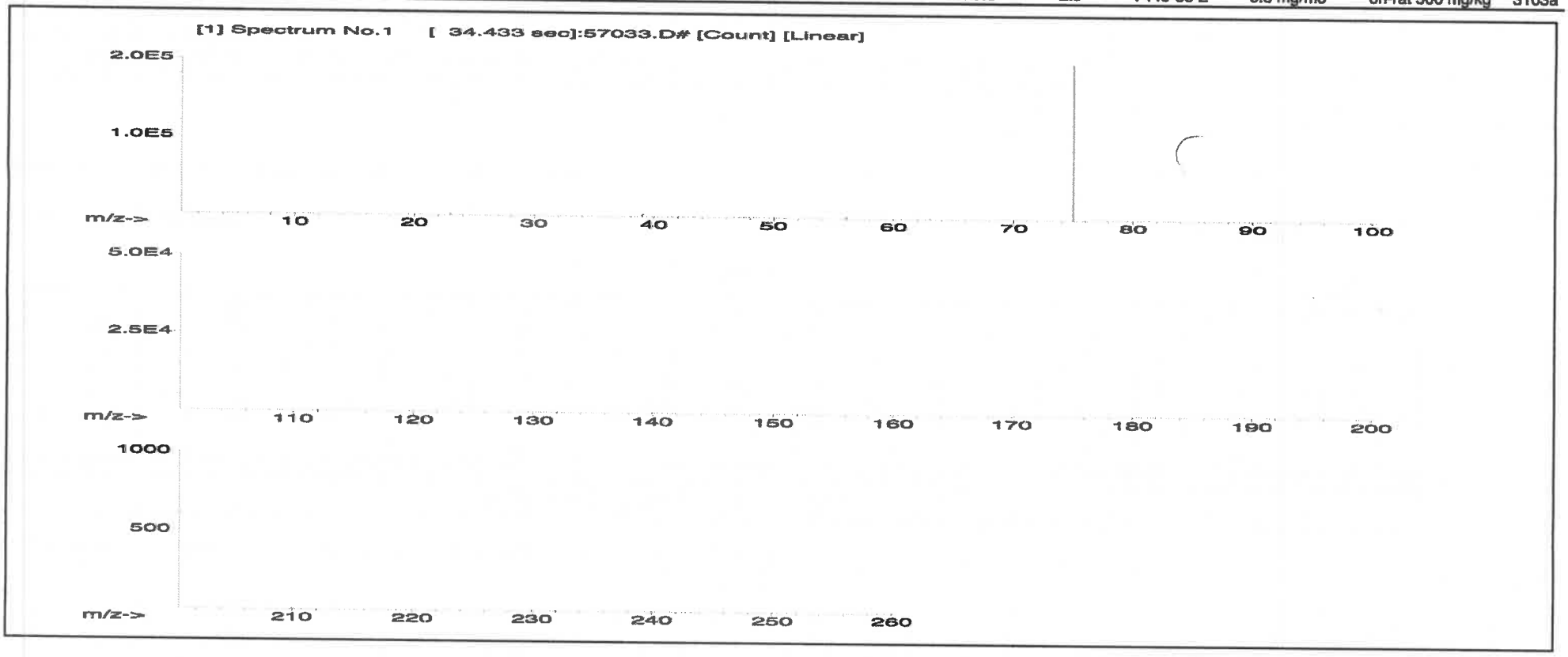
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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.

* 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

R1 02/09/24. M58165

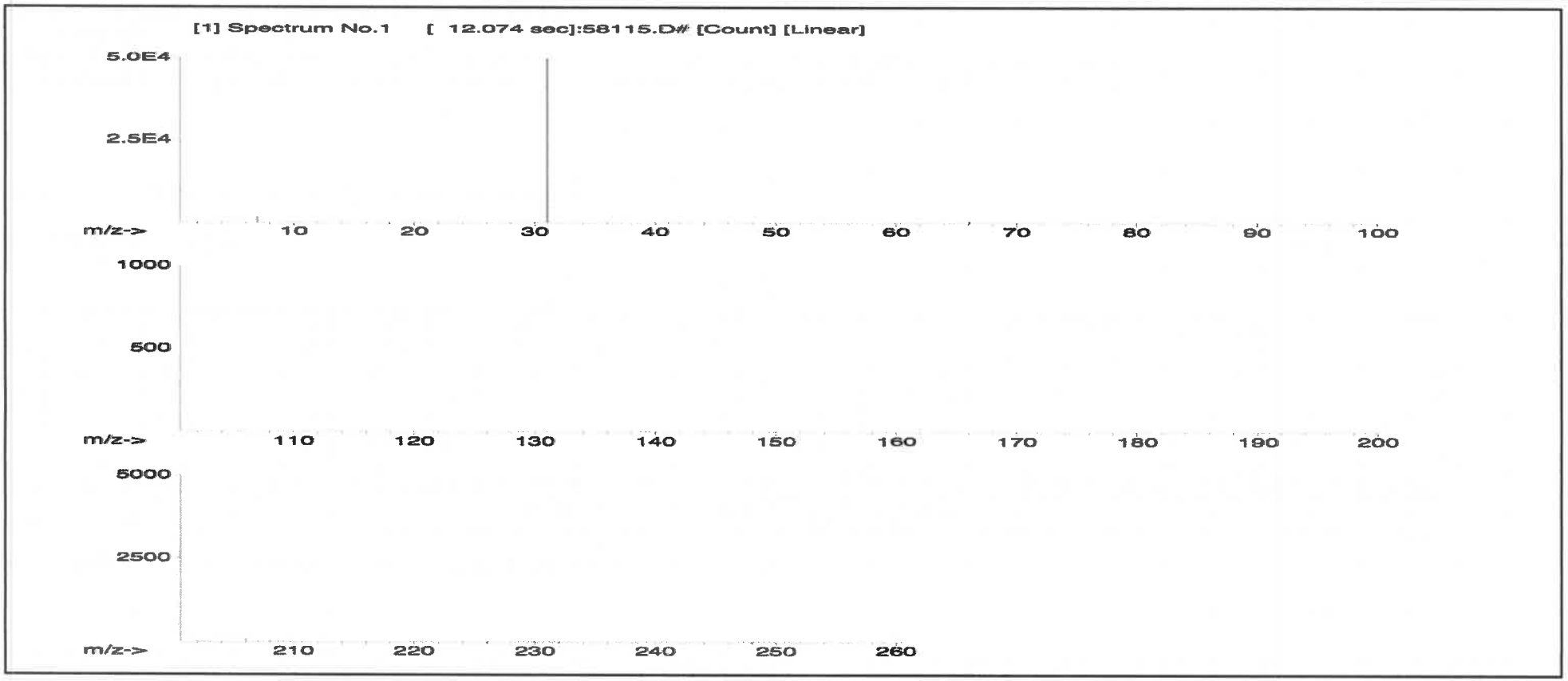
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 02/09/24 M5816

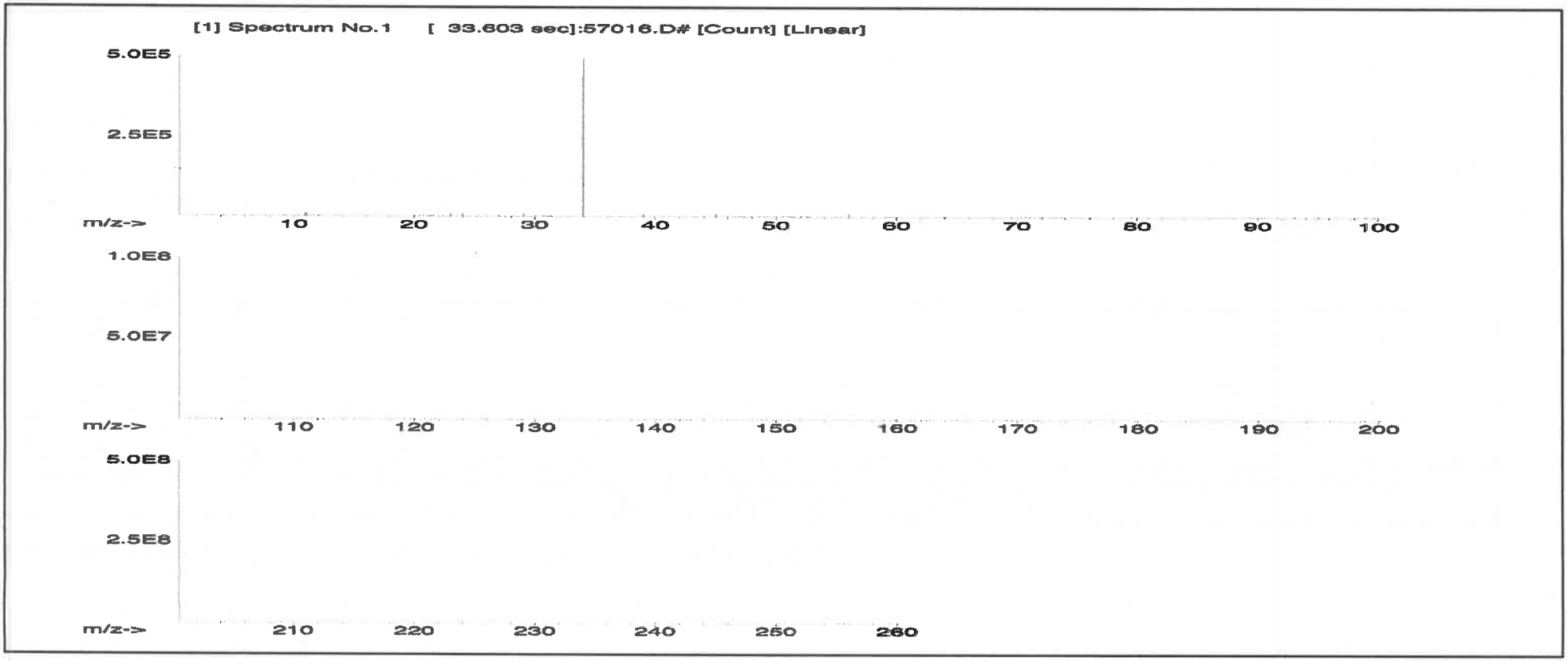
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**57016**	**Solvent:**	**Lot #** 122923	ASTM Type 1 Water
Lot Number:	**122923**			
Description:	**Sulfur (S)**			
Expiration Date:	122926			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty	

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 02/09/24 M5817

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

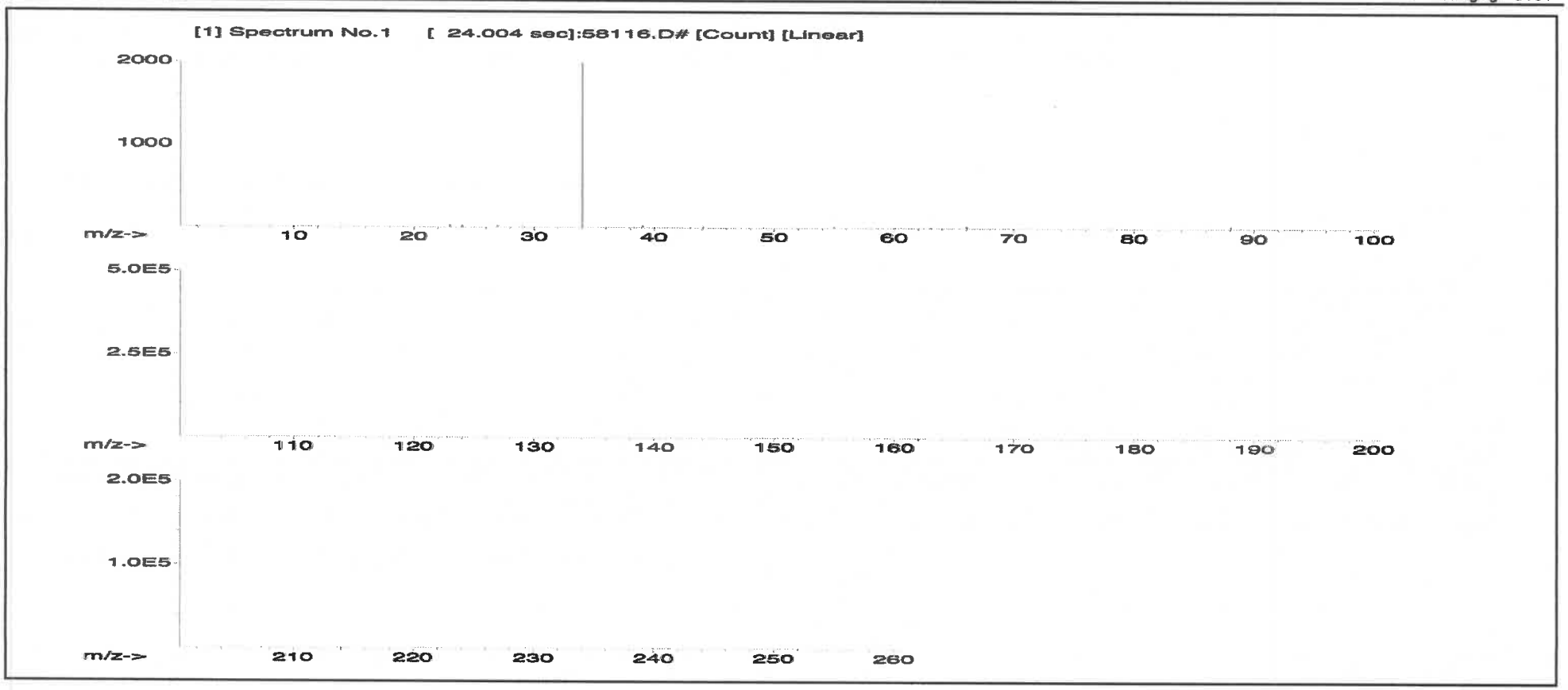
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

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:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 02/09/24 M.5818

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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

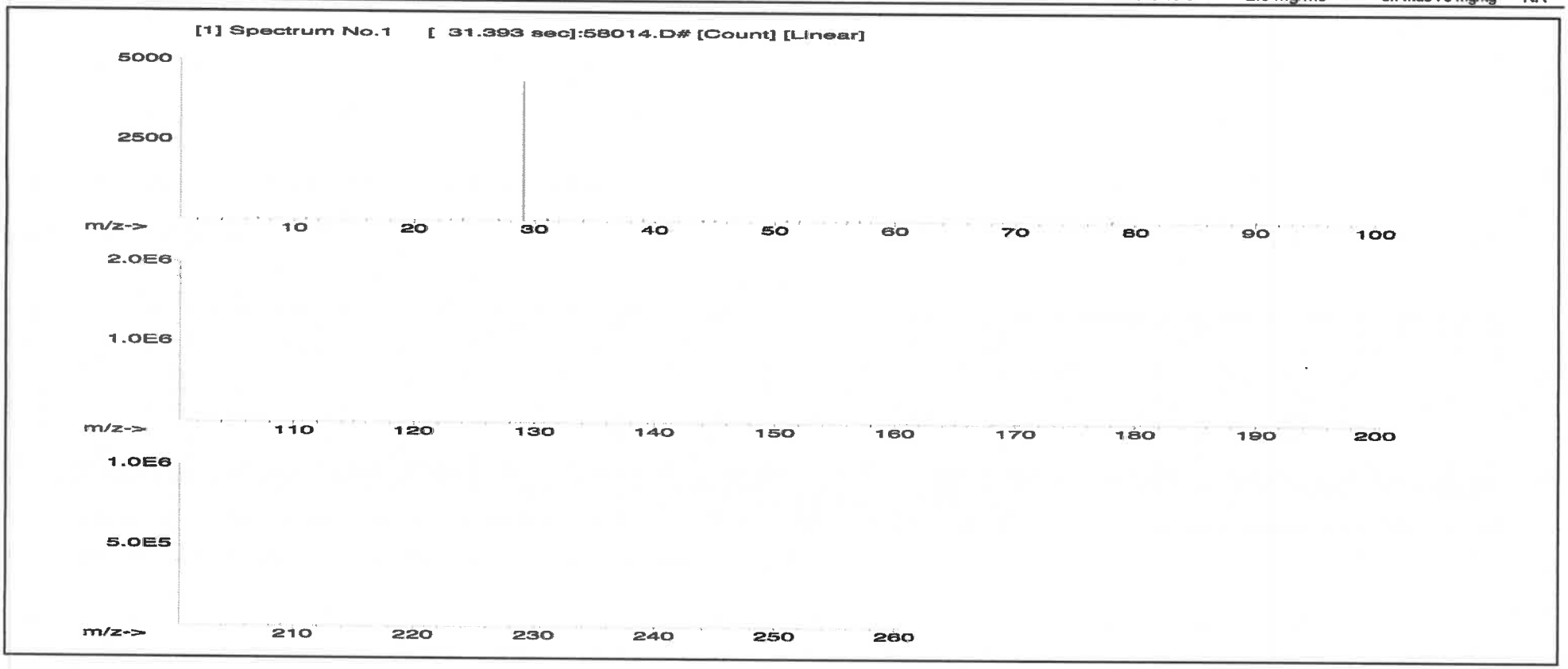
Aleah O'Brady

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.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 02/09/24 M5819

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

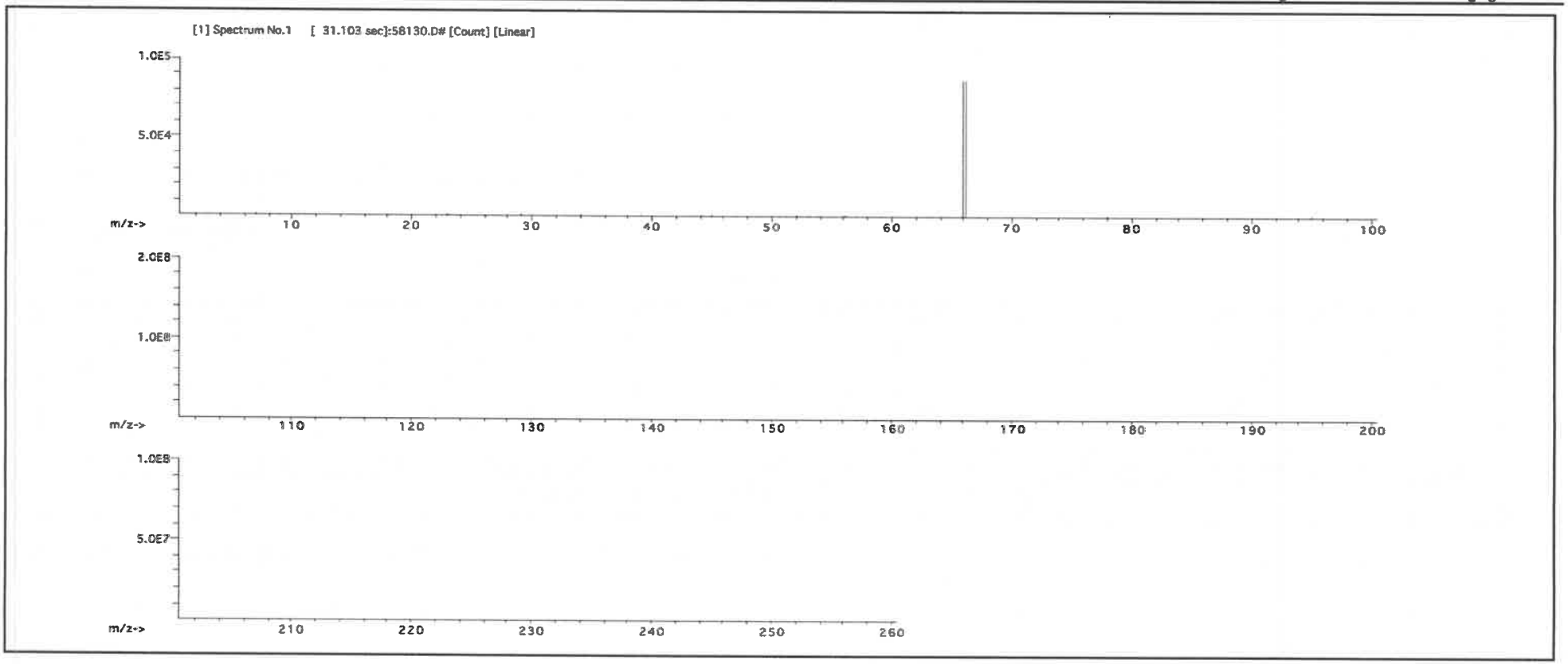
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
	2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 02/09/24 M5820

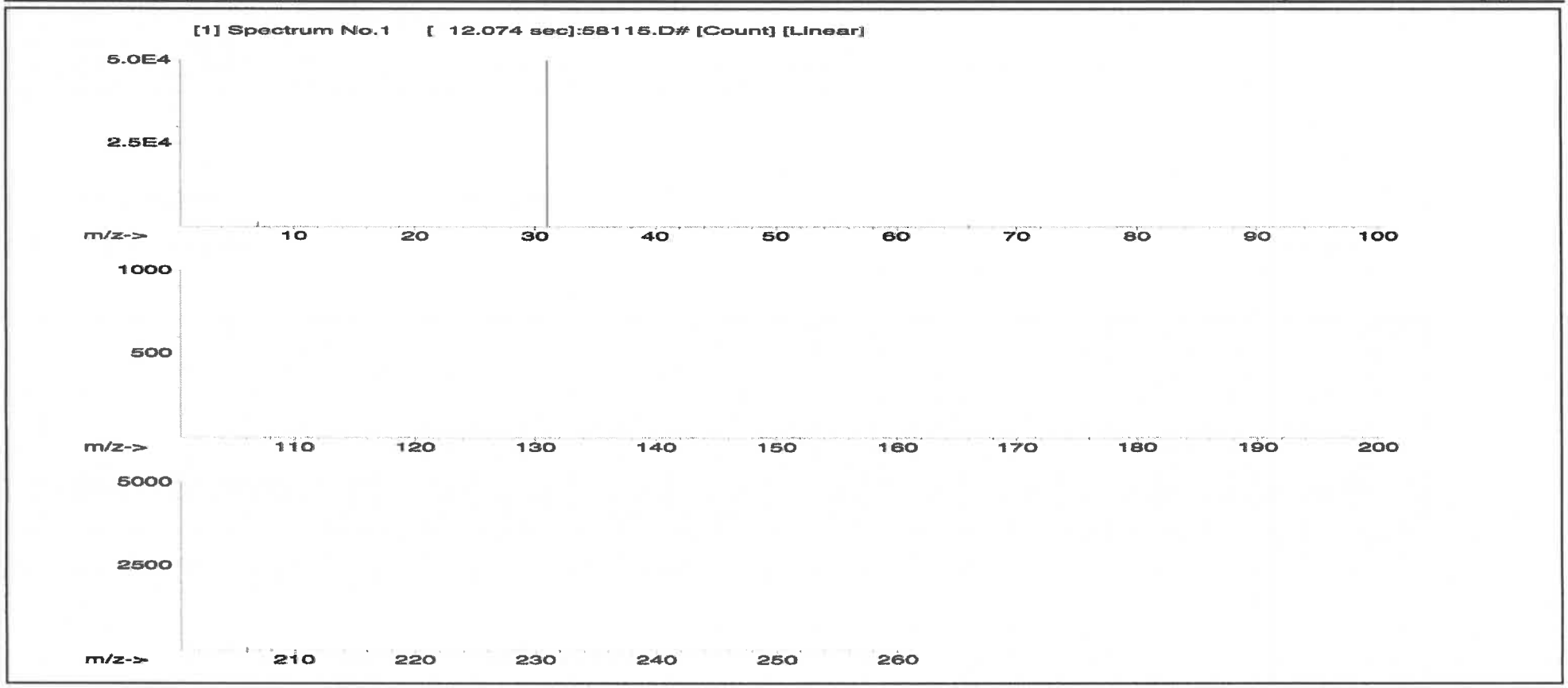
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* 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

M5961 R: 6/11/24

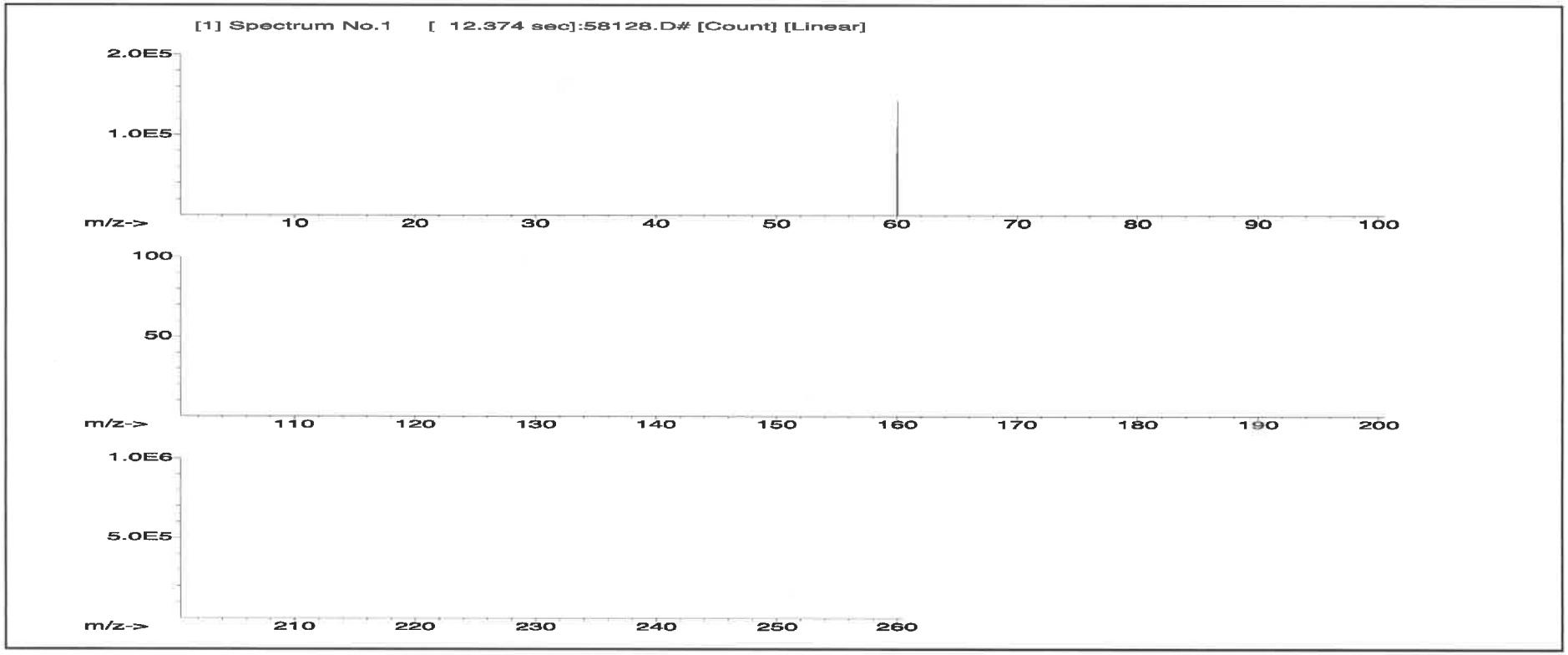
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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.

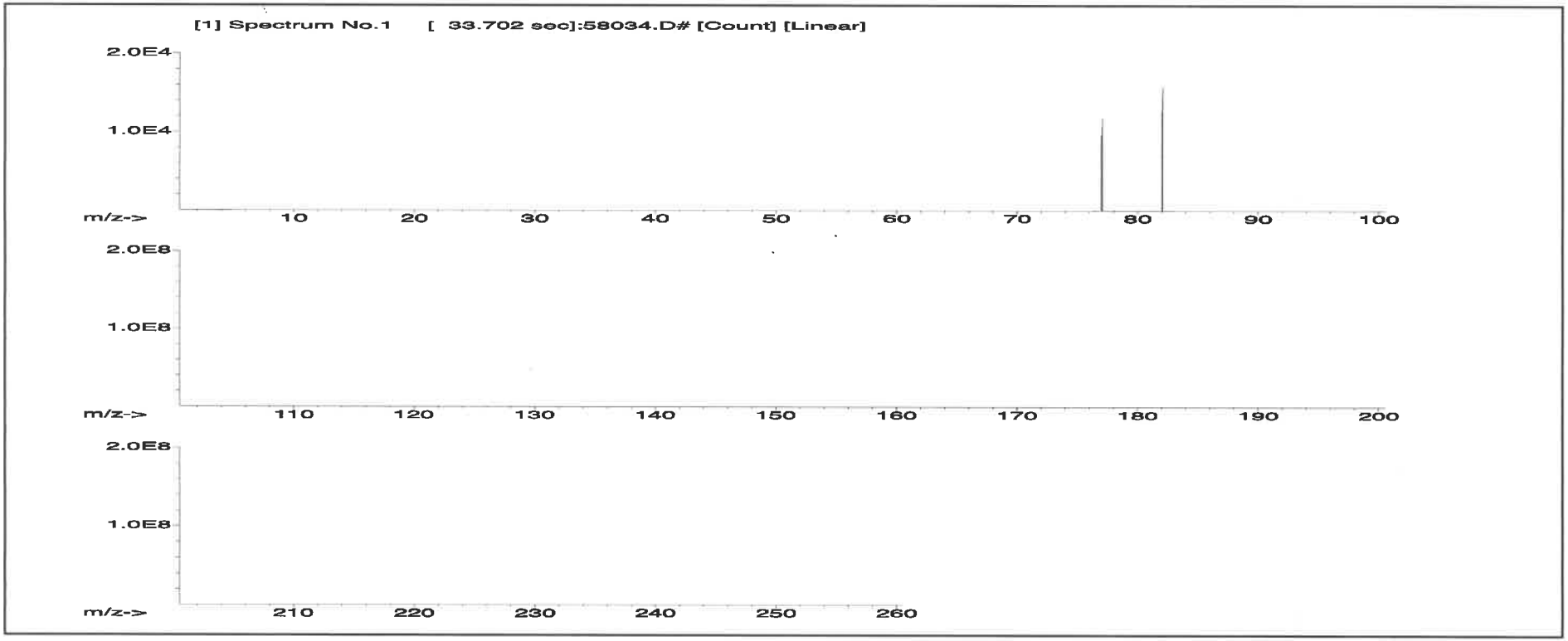
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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).

INORGANIC VENTURES
Refine your results. Redefine your industry.

Certificate of Analysis

M5976, M5977
R: 02/22/24

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



M5978, M5979

INORGANIC VENTURES
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

R: 2/22/24

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\ (u_{char\ i})^2]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57092	24002546	Nitric Acid	
Lot Number:	060724			
Description:	Uranium (U)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

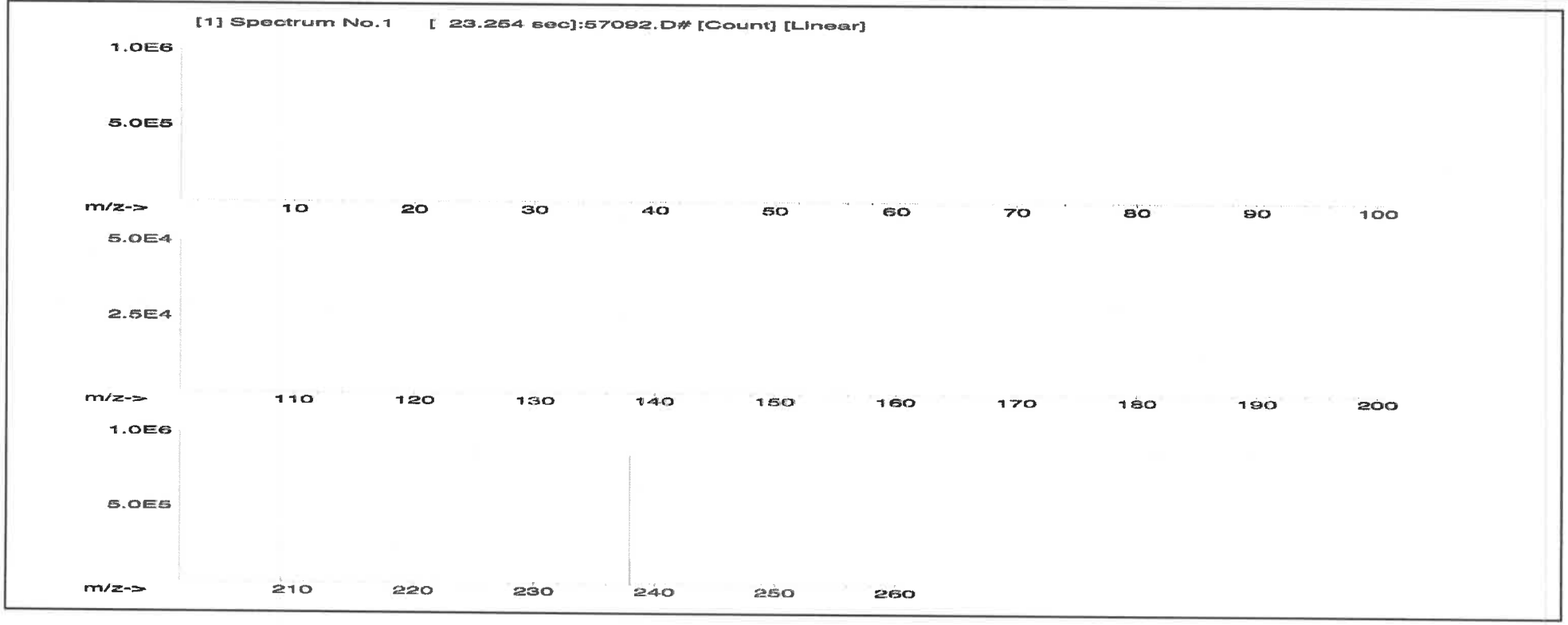
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

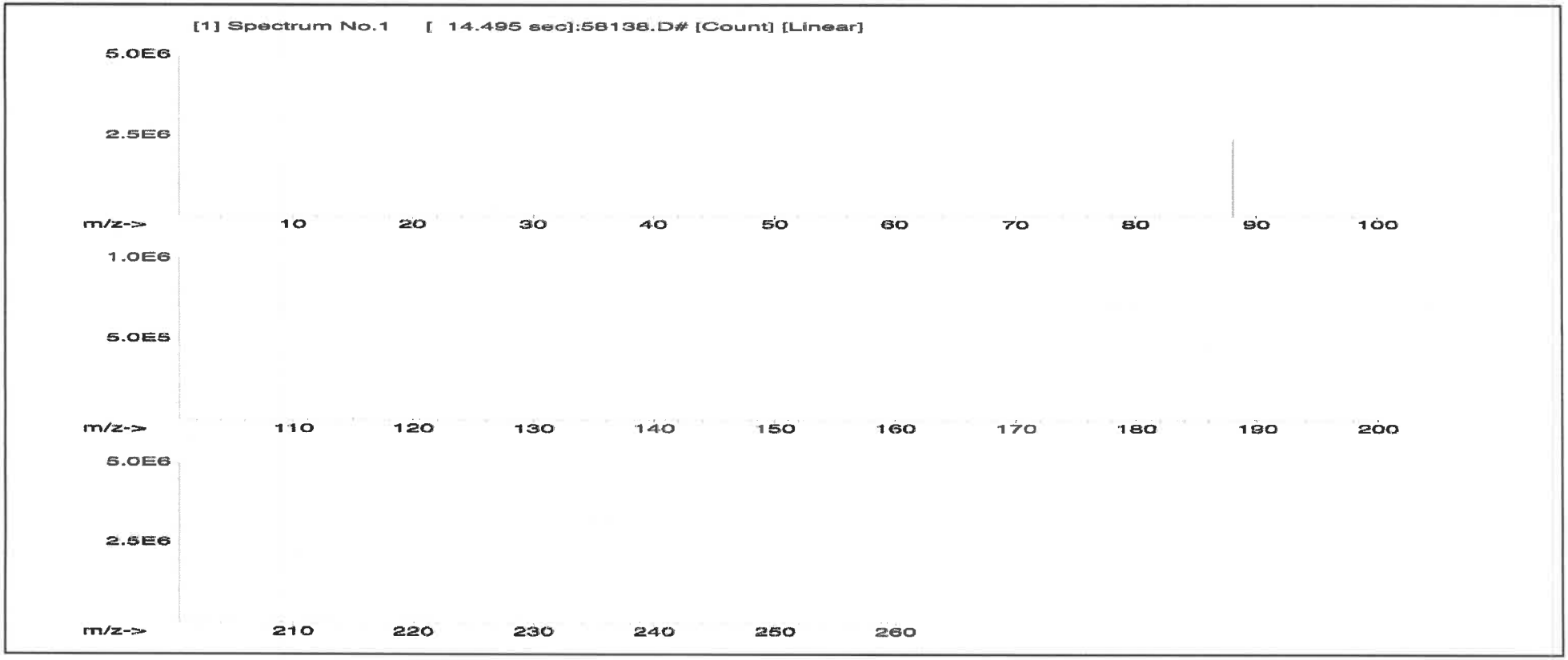
45982 R: 6/11/24

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).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5983 R: 6/11/24

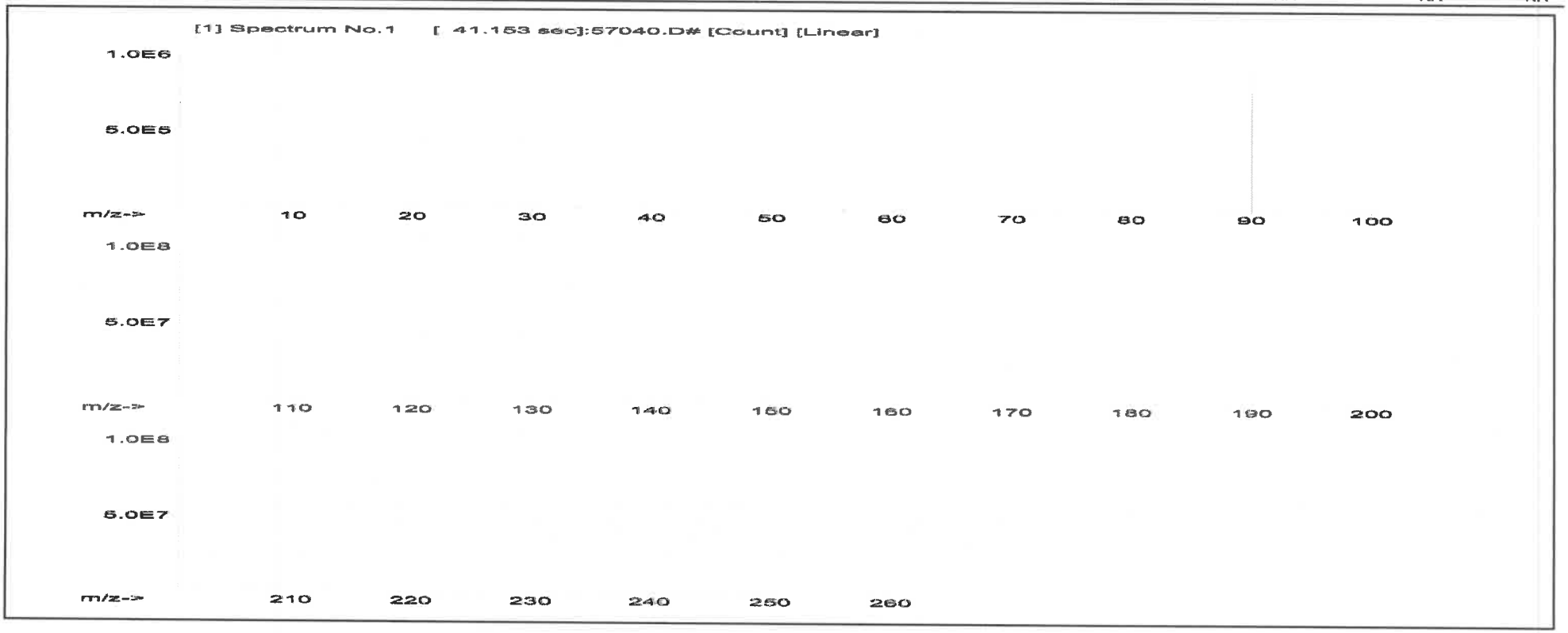
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57040**	21110221	Nitric Acid	
Lot Number:	**071423**			
Description:	**Zirconium (Zr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

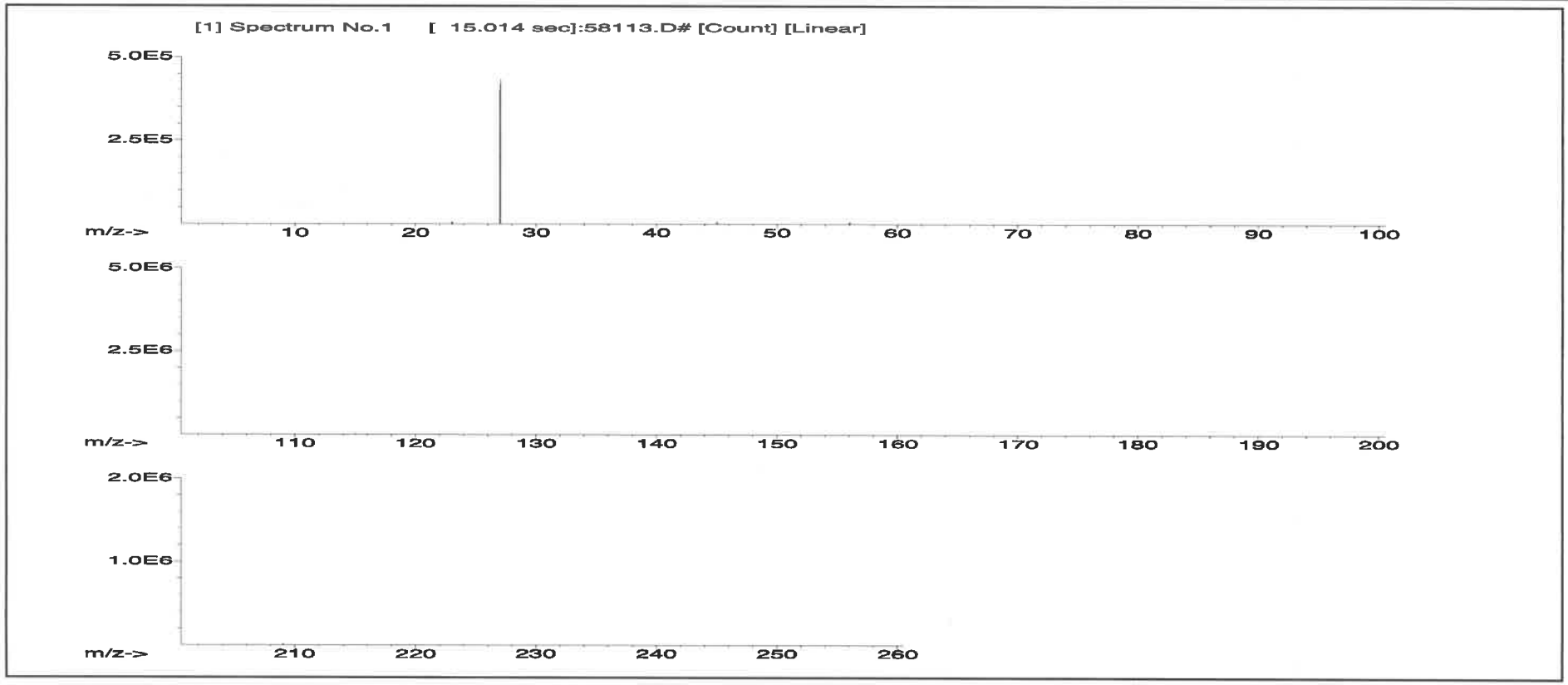
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Nitric Acid 69%
CMOS

Recv date: 1. 1. – 08/01/2023

M6034, M6037
M6035, M6038,
M6036,

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 – 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities – Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities – Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities – Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

R: 9/2/24.

Certificate of Analysis

M6080, M6081, M6082, M6083, M6084

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

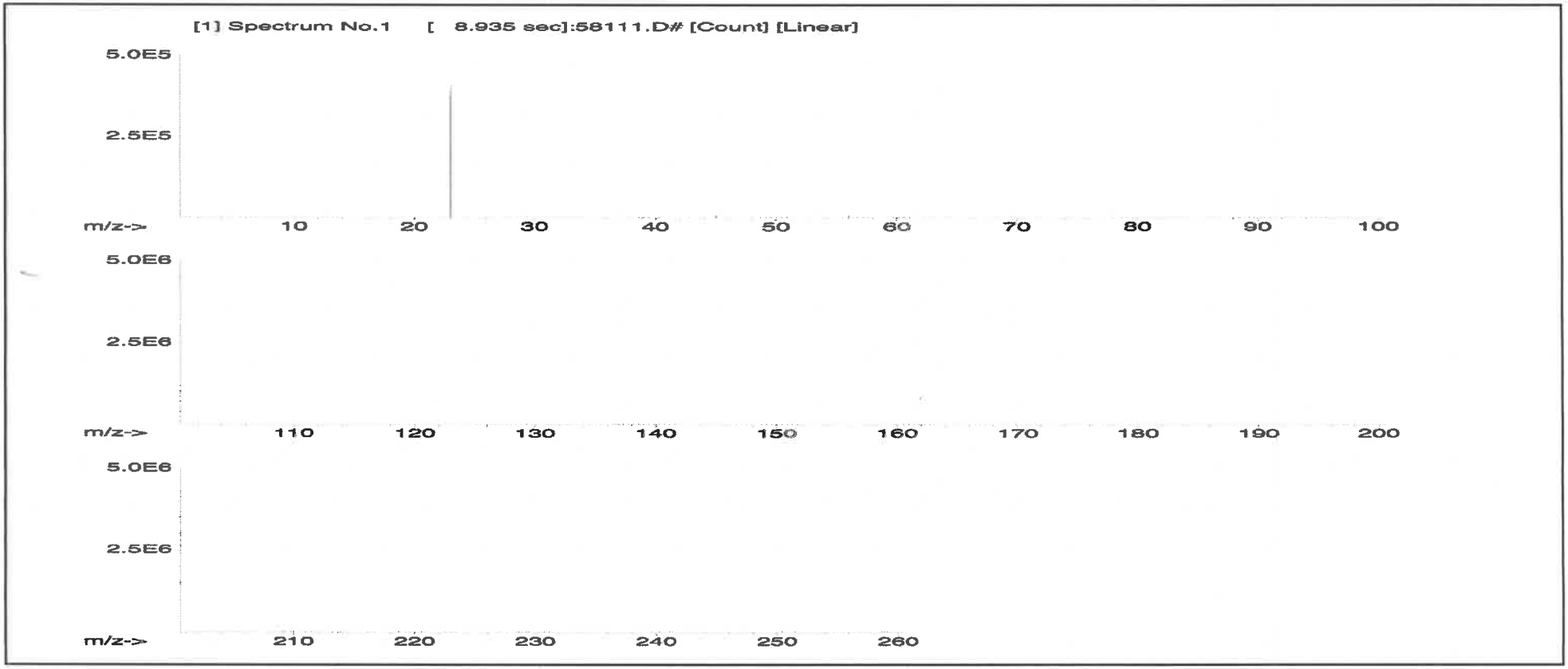
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES™

Refine your results. Redefine your industry.

A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
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.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

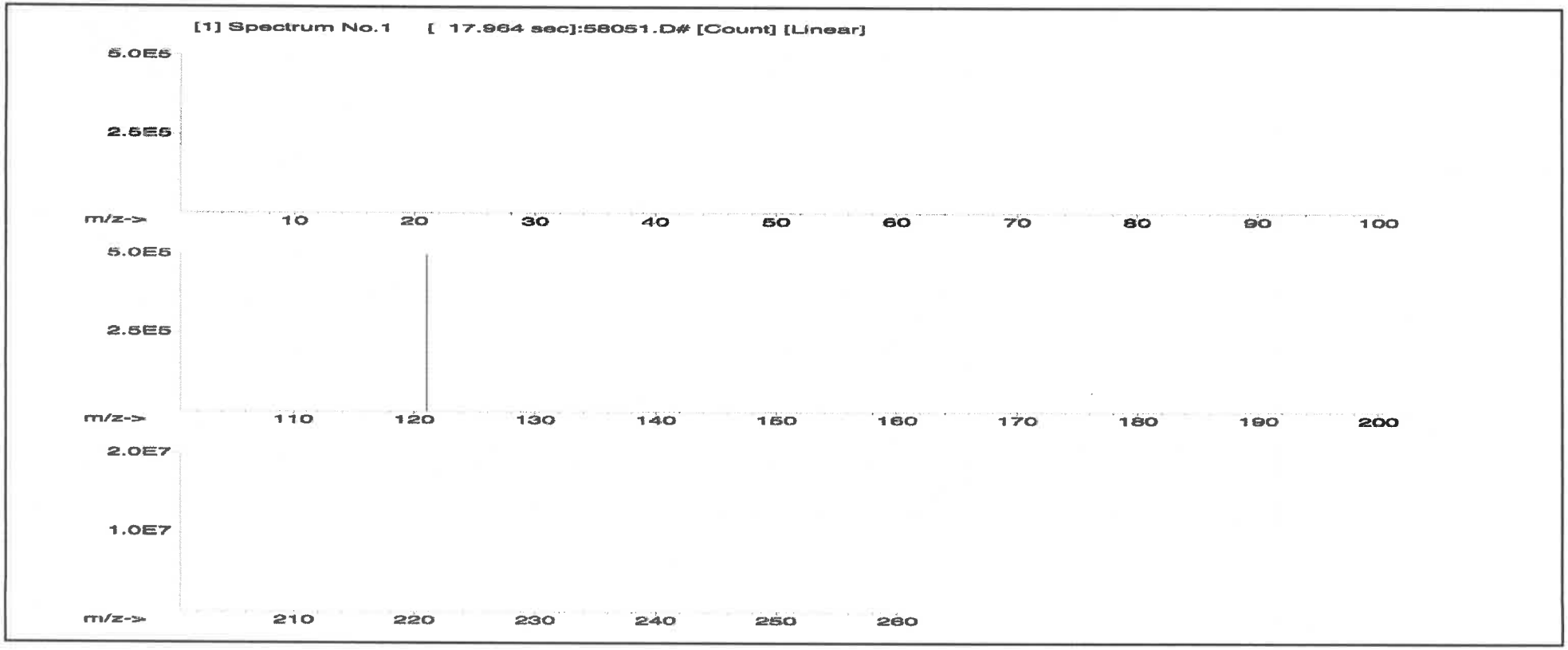
R: 01/03/24 M5802, M5803

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:

* 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

M6030

R: 8/5/24

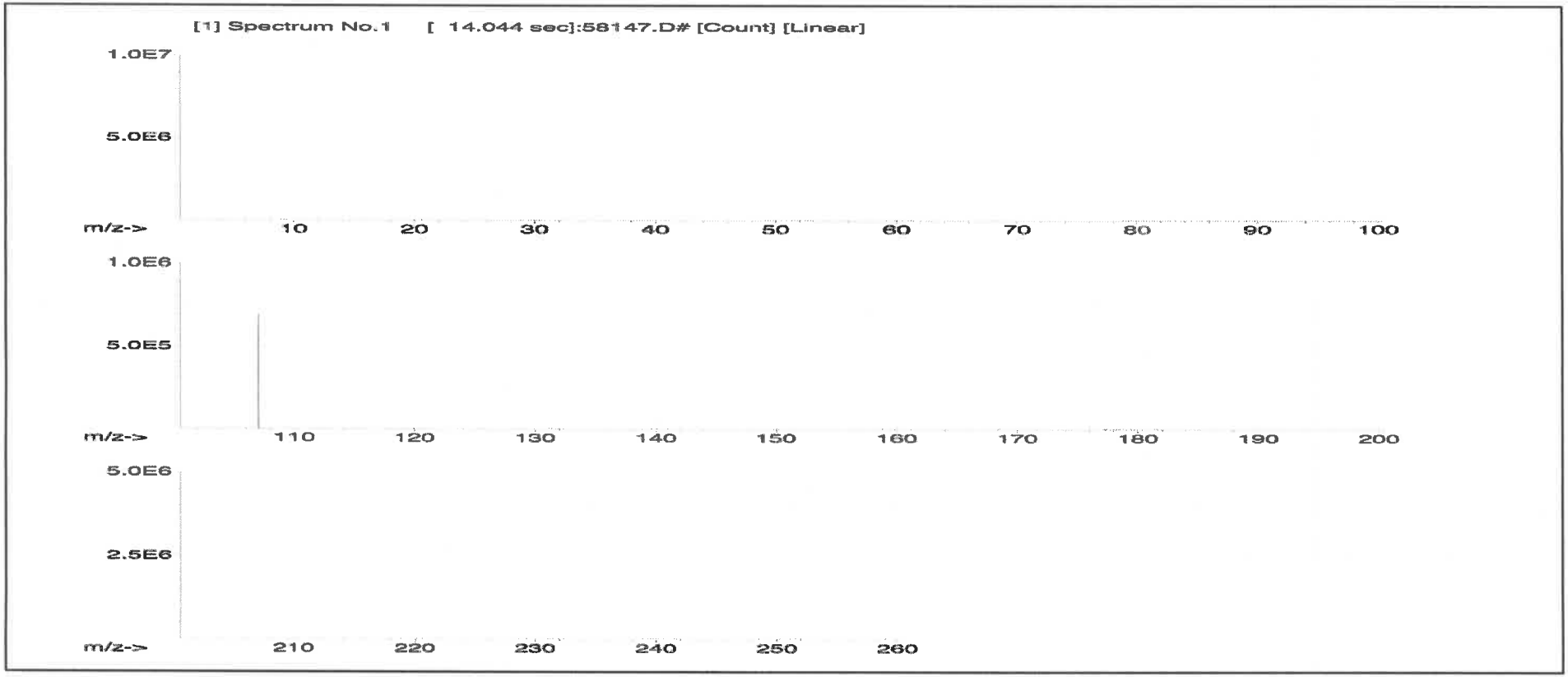
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**57047**		**Lot #**		
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**	2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 03/16/23 M5473, M5474, M5475, M5476

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

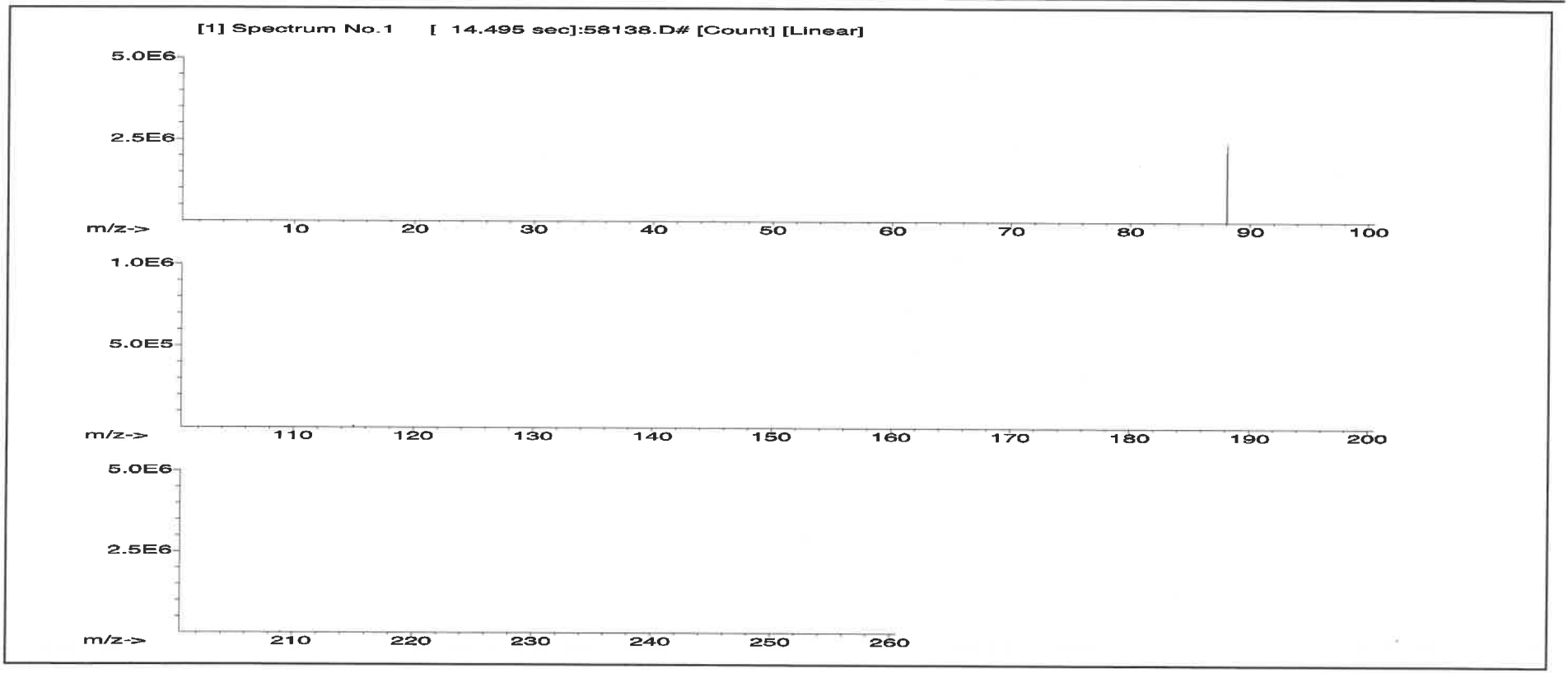
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 03/16/23 M5473, M5474, M5475, M5476

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

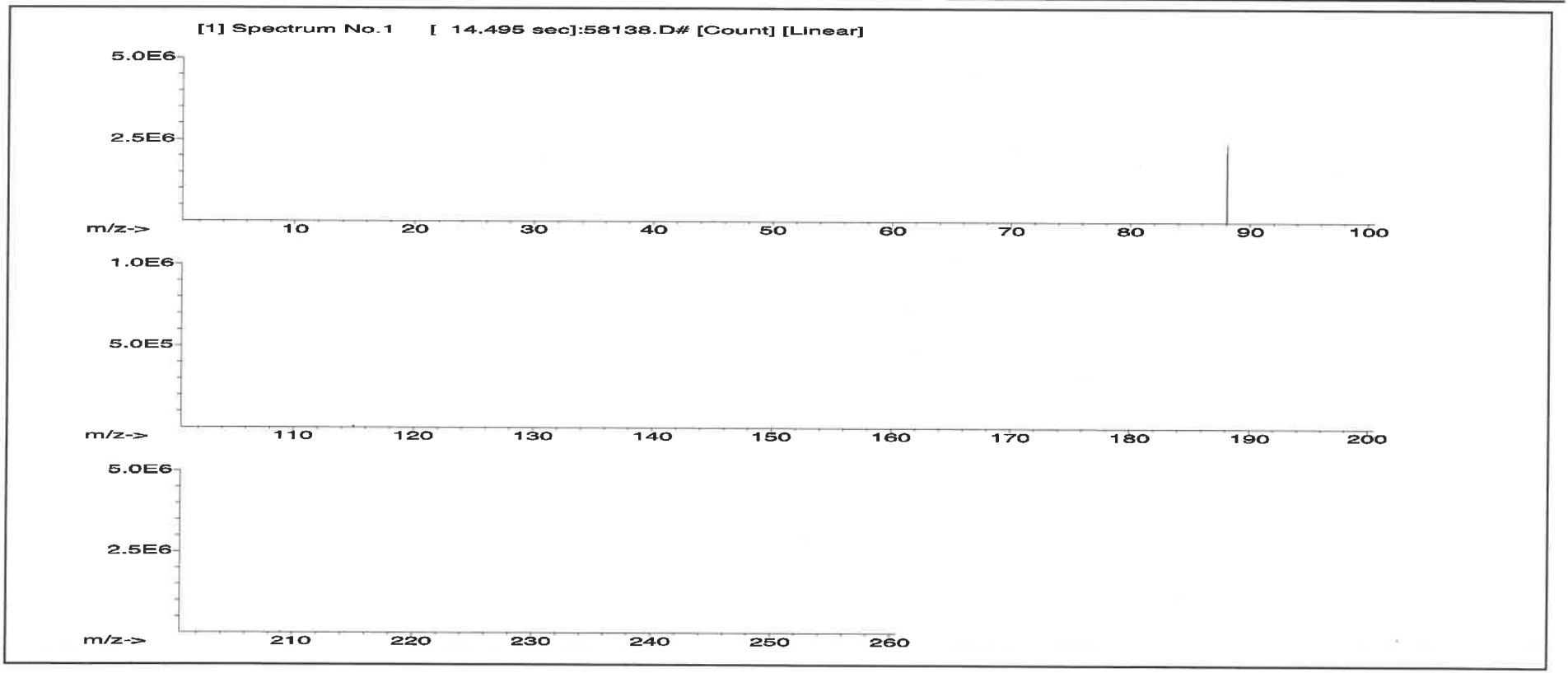
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R ! 8/5/24

M6023

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

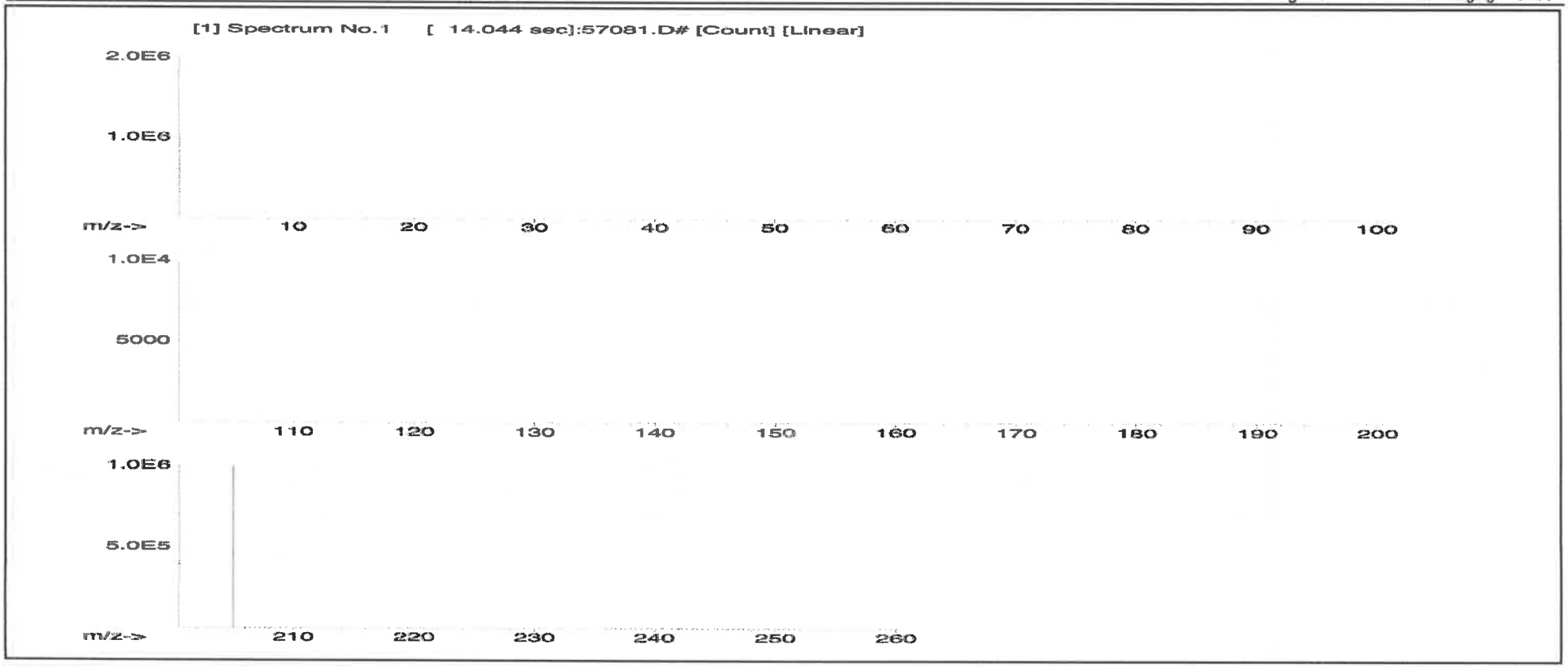
CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	062724
Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* 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

M6021

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Bc. 8/5/24

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**	24002546	Nitric Acid	
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

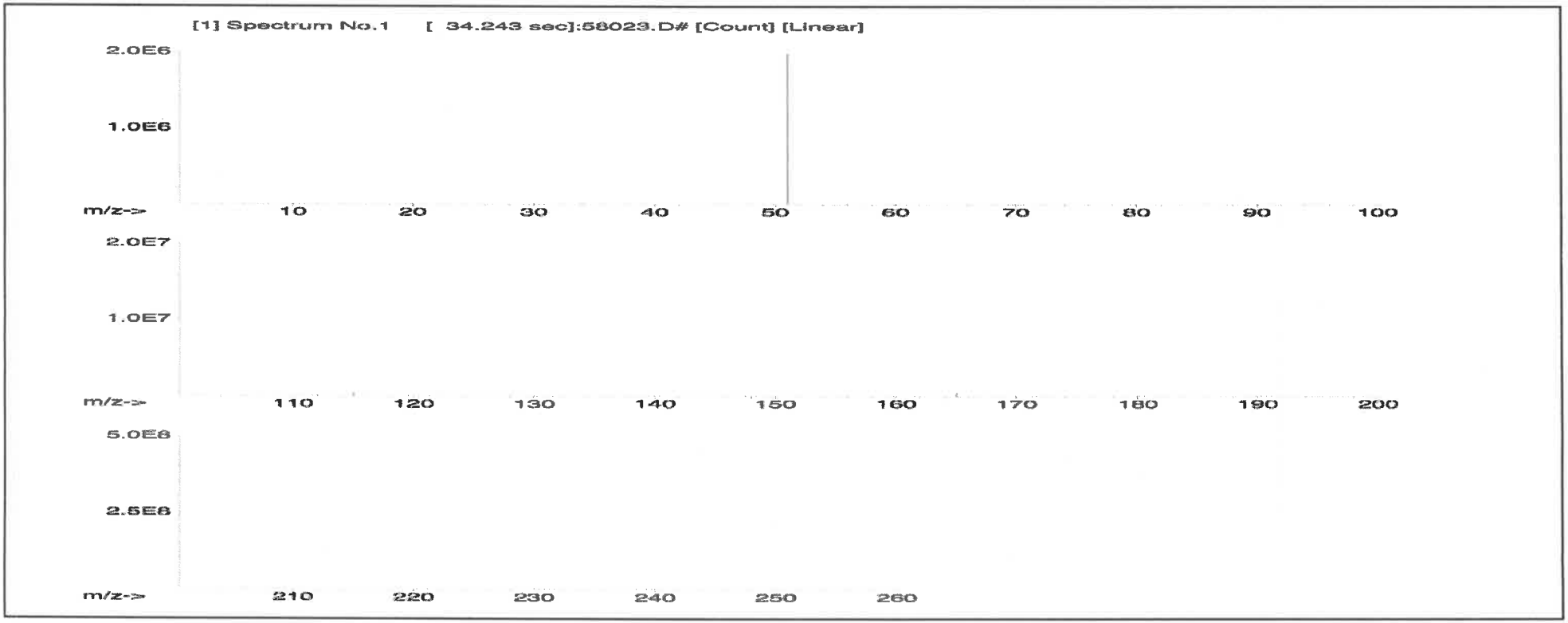
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

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).

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163992

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYD0D5

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 10/10/2024 **Time :** 14:45 **Temp :** 96 °C

End Digest Date: 10/10/2024 **Time :** 17:45 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: Jepp

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00mL	MP82583
LCSSD	0.50ml	MP82583
Spike Sol 1	0.3mL,0.3mL,0.027mL	M5565,M5657,M5962
Spike Sol 2	1.5mL,1.5mL,0.135mL	M5565,M5657,M5962
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00ml	MP81119
1:1 HCL	5.00ml	MP82127
CONC: HNO3	5.00ml	M6083
30% H2O2	3.00ml	M5634
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #2 CELL #34 : 96 C
For Spike Sol 1-0.3ml each M5565,M5657,0.027mL M5962
For Spike Sol 2-1.5mL each M5565,M5657,0.135mL M5962

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/10/24 18:00	Jepp Met dig.	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163992

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4292-01	MYD0D5	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	1
P4292-02	MYD0S9	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	2
P4292-03	MYD0T0	N/A	1.03	500	Brown	Yellow	Medium	N/A	N/A	3
P4292-04	MYD0T1	N/A	1.14	500	Brown	Yellow	Medium	N/A	N/A	4
P4292-05	MYD0T2	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	5
P4292-06	MYD0T3	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	6
P4292-07	MYD0T4	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	7
P4292-08	MYD0T5	N/A	1.07	500	Brown	Yellow	Medium	N/A	N/A	8
P4292-09	MYD0T6	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	9
P4292-10	MYD0T7	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	10
P4292-11	MYD0T8	N/A	1.40	500	Brown	Yellow	Medium	N/A	N/A	11
P4292-12	MYD0T9	N/A	1.40	500	Brown	Yellow	Medium	N/A	N/A	12
P4292-13	MYD0W0	N/A	1.09	500	Brown	Yellow	Medium	N/A	N/A	13
P4292-14	MYD0W1	N/A	1.18	500	Brown	Yellow	Medium	N/A	N/A	14
P4292-15	MYD0W2	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	15
P4292-15MS	MYD0W2MS RE JPP 10/10/24	N/A	1.14	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	16
~~P4292-15MSD~~	~~MYD0W2MSD~~ JPP 10/10/24	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	N/A
P4292-16	MYD0W2D	N/A	1.12	500	Brown	Yellow	Medium	N/A	N/A	17
P4292-17	MYD0W2S	N/A	1.11	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	18
P4292-18	MYD0W3	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	19
P4292-19	MYD0W4	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	20
P4292-20	MYD0W5	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	21
P4292-21	MYD0W6	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	22
P4292-22	MYD0W7	N/A	1.13	500	Brown	Yellow	Medium	N/A	N/A	23
PB163992BL	PBS992	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB163992BS	LCS992	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	25
PB163992BSD	LCSD992	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 # LB133087

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:02:42 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:12 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE005	TUNE	10/23/24 03:34		Jaswal	OK
2	S00	S0	CAL1	10/23/24 04:10		Jaswal	OK
3	S02	S02	CAL3	10/23/24 04:13		Jaswal	OK
4	S03	S03	CAL4	10/23/24 04:17		Jaswal	OK
5	S04	S04	CAL5	10/23/24 04:20		Jaswal	OK
6	S05	S05	CAL6	10/23/24 04:23		Jaswal	OK
7	S06	S06	CAL7	10/23/24 04:26		Jaswal	OK
8	S07	S07	CAL8	10/23/24 04:30		Jaswal	OK
9	S08	S08	CAL9	10/23/24 04:32		Jaswal	OK
10	ICV005	ICV005	ICV	10/23/24 05:18	Inst. paused for calibration review	Jaswal	OK
11	ICB005	ICB005	ICB	10/23/24 05:24	Inst. paused for review	Jaswal	OK
12	ICSA005	ICSA005	ICSA	10/23/24 05:27		Jaswal	OK
13	ICSAB005	ICSAB005	ICSAB	10/23/24 05:30		Jaswal	OK
14	CCV020	CCV020	CCV	10/23/24 05:42	Inst. paused for review	Jaswal	OK
15	CCB020	CCB020	CCB	10/23/24 05:46		Jaswal	OK
16	PB163990BL	PBS990	MB	10/23/24 06:25		Jaswal	OK
17	PB163990BS	LCS990	LCS	10/23/24 06:29		Jaswal	OK
18	PB163990BSD	LCSD990	LCSD	10/23/24 06:32		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133087

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:02:42 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:12 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

19	PB163992BL	PBS992	MB	10/23/24 06:36		Jaswal	OK
20	PB163992BS	LCS992	LCS	10/23/24 06:39		Jaswal	OK
21	PB163992BSD	LCSD992	LCSD	10/23/24 06:43		Jaswal	OK
22	PB164027BL	PBS027	MB	10/23/24 06:46	Not Use	Jaswal	Not Ok
23	PB164027BS	LCS027	LCS	10/23/24 06:53	Not Use	Jaswal	Not Ok
24	PB164027BSD	LCSD027	LCSD	10/23/24 07:07	Not Use	Jaswal	Not Ok
25	PB164032BL	PBS032	MB	10/23/24 07:10	Not Use	Jaswal	Not Ok
26	PB164032BS	LCS032	LCS	10/23/24 07:14	Not Use	Jaswal	Not Ok
27	PB164032BSD	LCSD032	LCSD	10/23/24 07:17	Not Use	Jaswal	Not Ok
28	PB164083BL	PBS083	MB	10/23/24 07:21	Not Use	Jaswal	Not Ok
29	PB164083BS	LCS083	LCS	10/23/24 07:24	Not Use	Jaswal	Not Ok
30	PB164083BSD	LCSD083	LCSD	10/23/24 07:27	Not Use	Jaswal	Not Ok
31	P4291-01	MYD0B5	SAM	10/23/24 07:31		Jaswal	OK
32	CCV021	CCV021	CCV	10/23/24 07:34		Jaswal	OK
33	CCB021	CCB021	CCB	10/23/24 07:39		Jaswal	OK
34	P4291-02	MYD0B6	SAM	10/23/24 07:42		Jaswal	OK
35	P4291-03	MYD0B7	SAM	10/23/24 07:45		Jaswal	OK
36	P4291-04	MYD0B8	SAM	10/23/24 07:49	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
37	P4291-05	MYD0B8D	DUP	10/23/24 07:52	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
38	P4291-04L	MYD0B8L	SD	10/23/24 07:56	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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 # LB133087

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:02:42 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:12 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

39	P4291-06	MYD0B8S	MS	10/23/24 07:59	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
40	P4291-04MS	MYD0B8SRE	MS	10/23/24 08:02	Ba,Co,Ni,V High	Jaswal	Dilution
41	P4291-08	MYD0C0	SAM	10/23/24 08:06		Jaswal	OK
42	P4291-09	MYD0C1	SAM	10/23/24 08:09		Jaswal	OK
43	P4291-10	MYD0C2	SAM	10/23/24 08:12		Jaswal	OK
44	P4291-11	MYD0C3	SAM	10/23/24 08:16		Jaswal	OK
45	P4291-12	MYD0C4	SAM	10/23/24 08:19		Jaswal	OK
46	P4291-13	MYD0C5	SAM	10/23/24 08:22		Jaswal	OK
47	P4291-14	MYD0C6	SAM	10/23/24 08:26		Jaswal	OK
48	P4291-15	MYD0C7	SAM	10/23/24 08:29		Jaswal	OK
49	P4291-16	MYD0C8	SAM	10/23/24 08:33		Jaswal	OK
50	P4291-17	MYD0C9	SAM	10/23/24 08:36		Jaswal	OK
51	P4291-18	MYD0D0	SAM	10/23/24 08:39		Jaswal	OK
52	P4291-19	MYD0D1	SAM	10/23/24 08:43		Jaswal	OK
53	P4291-20	MYD0D2	SAM	10/23/24 08:46		Jaswal	OK
54	P4291-21	MYD0D3	SAM	10/23/24 08:50		Jaswal	OK
55	P4291-22	MYD0D4	SAM	10/23/24 08:53		Jaswal	OK
56	P4292-01	MYD0D5	SAM	10/23/24 08:56		Jaswal	OK
57	P4292-02	MYD0S9	SAM	10/23/24 09:00		Jaswal	OK
58	P4292-03	MYD0T0	SAM	10/23/24 09:03		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133087

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:02:42 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:12 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

59	P4292-04	MYD0T1	SAM	10/23/24 09:07		Jaswal	OK
60	CCV022	CCV022	CCV	10/23/24 09:10		Jaswal	OK
61	CCB022	CCB022	CCB	10/23/24 09:13		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133092

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:10:24 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE001	TUNE	10/23/24 15:36		Jaswal	OK
2	S00	S0	CAL1	10/23/24 16:08		Jaswal	OK
3	S02	S02	CAL3	10/23/24 16:11		Jaswal	OK
4	S03	S03	CAL4	10/23/24 16:15		Jaswal	OK
5	S04	S04	CAL5	10/23/24 16:18		Jaswal	OK
6	S05	S05	CAL6	10/23/24 16:21		Jaswal	OK
7	S06	S06	CAL7	10/23/24 16:23		Jaswal	OK
8	S07	S07	CAL8	10/23/24 16:26		Jaswal	OK
9	S08	S08	CAL9	10/23/24 16:29		Jaswal	OK
10	ICV001	ICV001	ICV	10/23/24 16:54	Inst. paused for Calibration review	Jaswal	OK
11	ICB001	ICB001	ICB	10/23/24 17:12	Inst. paused for review	Jaswal	OK
12	ICSA001	ICSA001	ICSA	10/23/24 17:15		Jaswal	OK
13	ICSAB001	ICSAB001	ICSAB	10/23/24 17:18		Jaswal	OK
14	CCV001	CCV001	CCV	10/23/24 17:21		Jaswal	OK
15	CCB001	CCB001	CCB	10/23/24 17:24		Jaswal	OK
16	PB164027BL	PBS027	MB	10/23/24 17:27		Jaswal	OK
17	PB164027BS	LCS027	LCS	10/23/24 17:31		Jaswal	OK
18	PB164027BSD	LCSD027	LCSD	10/23/24 17:34		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133092

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:10:24 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

19	PB164032BL	PBS032	MB	10/23/24 17:37		Jaswal	OK
20	PB164032BS	LCS032	LCS	10/23/24 17:41		Jaswal	OK
21	PB164032BSD	LCSD032	LCSD	10/23/24 17:44		Jaswal	OK
22	P4292-05	MYD0T2	SAM	10/23/24 17:51		Jaswal	OK
23	P4292-06	MYD0T3	SAM	10/23/24 17:54		Jaswal	OK
24	P4292-07	MYD0T4	SAM	10/23/24 17:57		Jaswal	OK
25	P4292-08	MYD0T5	SAM	10/23/24 18:00		Jaswal	OK
26	P4292-09	MYD0T6	SAM	10/23/24 18:03		Jaswal	OK
27	P4292-10	MYD0T7	SAM	10/23/24 18:06		Jaswal	OK
28	P4292-11	MYD0T8	SAM	10/23/24 18:09		Jaswal	OK
29	P4292-12	MYD0T9	SAM	10/23/24 18:12		Jaswal	OK
30	P4292-13	MYD0W0	SAM	10/23/24 18:15		Jaswal	OK
31	P4292-14	MYD0W1	SAM	10/23/24 18:18		Jaswal	OK
32	P4292-15	MYD0W2	SAM	10/23/24 18:21	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
33	P4292-16	MYD0W2D	DUP	10/23/24 18:24	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
34	P4292-15L	MYD0W2L	SD	10/23/24 18:28	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
35	P4292-17	MYD0W2S	MS	10/23/24 18:31	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
36	P4292-15MS	MYD0W2SRE	MS	10/23/24 18:34	Ba,Co,Ni,V High	Jaswal	Dilution
37	P4292-18	MYD0W3	SAM	10/23/24 18:37		Jaswal	OK
38	P4292-19	MYD0W4	SAM	10/23/24 18:40		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133092

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:10:24 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

39	P4292-20	MYD0W5	SAM	10/23/24 18:43		Jaswal	OK
40	P4292-21	MYD0W6	SAM	10/23/24 18:46		Jaswal	OK
41	CCV002	CCV002	CCV	10/23/24 18:49		Jaswal	OK
42	CCB002	CCB002	CCB	10/23/24 18:52		Jaswal	OK
43	P4292-22	MYD0W7	SAM	10/23/24 18:55		Jaswal	OK
44	P4291-04DL	MYD0B8	SAM	10/23/24 18:58	4X For Ba,Co,Ni,V	Jaswal	Confirms
45	P4291-05DL	MYD0B8D	DUP	10/23/24 19:01	4X For Ba,Co,Ni,V	Jaswal	Confirms
46	P4291-04LDL	MYD0B8L	SD	10/23/24 19:05	20X For Ba,Co,Ni,V	Jaswal	Confirms
47	P4291-06DL	MYD0B8S	MS	10/23/24 19:08	4X For Ba,Co,Ni,V	Jaswal	Confirms
48	P4291-04MSDL	MYD0B8SRE	MS	10/23/24 19:11	4X For Ba,Co,Ni,V	Jaswal	Confirms
49	P4292-15DL	MYD0W2	SAM	10/23/24 19:25	4X For Ba,Co,Ni,V	Jaswal	Confirms
50	P4292-16DL	MYD0W2D	DUP	10/23/24 19:28	4X For Ba,Co,Ni,V	Jaswal	Confirms
51	P4292-15LDL	MYD0W2L	SD	10/23/24 19:31	20X For Ba,Co,Ni,V	Jaswal	Confirms
52	P4292-17DL	MYD0W2S	MS	10/23/24 19:34	4X For Ba,Co,Ni,V	Jaswal	Confirms
53	P4292-15MSDL	MYD0W2SRE	MS	10/23/24 19:38	4X For Ba,Co,Ni,V	Jaswal	Confirms
54	P4293-01	MYD9Z9	SAM	10/23/24 19:41		Jaswal	OK
55	P4293-02	MYDA00	SAM	10/23/24 19:44		Jaswal	OK
56	P4293-03	MYDA01	SAM	10/23/24 19:47		Jaswal	OK
57	P4293-04	MYDA02	SAM	10/23/24 19:50		Jaswal	OK
58	P4293-05	MYDA03	SAM	10/23/24 19:53		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133092

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:10:24 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

59	P4293-06	MYDA04	SAM	10/23/24 19:56		Jaswal	OK
60	P4293-07	MYDA05	SAM	10/23/24 19:59	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
61	P4293-08	MYDA05D	DUP	10/23/24 20:02	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
62	P4293-07L	MYDA05L	SD	10/23/24 20:05	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
63	P4293-09	MYDA05S	MS	10/23/24 20:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
64	P4293-07MS	MYDA05SRE	MS	10/23/24 20:12	Ba,Co,Ni,V High	Jaswal	Dilution
65	CCV003	CCV003	CCV	10/23/24 20:29		Jaswal	OK
66	CCB003	CCB003	CCB	10/23/24 20:32		Jaswal	OK
67	P4293-10	MYDA06	SAM	10/23/24 20:36		Jaswal	OK
68	P4293-11	MYDA07	SAM	10/23/24 20:39		Jaswal	OK
69	P4293-12	MYDA08	SAM	10/23/24 20:42		Jaswal	OK
70	P4293-13	MYDA09	SAM	10/23/24 20:45		Jaswal	OK
71	P4293-14	MYDA10	SAM	10/23/24 20:48		Jaswal	OK
72	P4293-15	MYDA11	SAM	10/23/24 20:51		Jaswal	OK
73	P4293-16	MYDA12	SAM	10/23/24 20:54		Jaswal	OK
74	P4293-17	MYDA13	SAM	10/23/24 20:57		Jaswal	OK
75	P4293-18	MYDA14	SAM	10/23/24 21:00		Jaswal	OK
76	P4293-19	MYDA15	SAM	10/23/24 21:03		Jaswal	OK
77	P4293-20	MYDA16	SAM	10/23/24 21:07		Jaswal	OK
78	P4293-21	MYDA17	SAM	10/23/24 21:10		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133092

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:10:24 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

79	P4293-22	MYDA18	SAM	10/23/24 21:13		Jaswal	OK
80	P4294-01	MYDA19	SAM	10/23/24 21:16		Jaswal	OK
81	P4294-02	MYDA20	SAM	10/23/24 21:19		Jaswal	OK
82	P4294-03	MYDA21	SAM	10/23/24 21:22		Jaswal	OK
83	P4294-04	MYDA22	SAM	10/23/24 21:25		Jaswal	OK
84	P4294-05	MYDA23	SAM	10/23/24 21:28		Jaswal	OK
85	ICSA002	ICSA002	ICSA	10/23/24 21:31		Jaswal	OK
86	ICSAB002	ICSAB002	ICSAB	10/23/24 21:35		Jaswal	OK
87	CCV004	CCV004	CCV	10/23/24 21:38		Jaswal	OK
88	CCB004	CCB004	CCB	10/23/24 21:40		Jaswal	OK
89	P4294-06	MYDA24	SAM	10/23/24 21:44		Jaswal	OK
90	P4294-07	MYDA25	SAM	10/23/24 21:47		Jaswal	OK
91	P4294-08	MYDA26	SAM	10/23/24 21:50		Jaswal	OK
92	P4294-09	MYDA27	SAM	10/23/24 21:53		Jaswal	OK
93	P4294-10	MYDA28	SAM	10/23/24 21:56		Jaswal	OK
94	P4294-11	MYDA29	SAM	10/23/24 21:59		Jaswal	OK
95	P4294-12	MYDA30	SAM	10/23/24 22:02		Jaswal	OK
96	P4291-07	MYD0B9	SAM	10/23/24 22:07		Jaswal	OK
97	CCV005	CCV005	CCV	10/23/24 22:10		Jaswal	OK
98	CCB005	CCB005	CCB	10/23/24 22:13		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133092

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:10:24 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

99	P4294-13	MYDA31	SAM	10/23/24 22:16		Jaswal	OK
100	P4294-14	MYDA32	SAM	10/23/24 22:19		Jaswal	OK
101	P4294-15	MYDA33	SAM	10/23/24 22:22		Jaswal	OK
102	P4294-16	MYDA34	SAM	10/23/24 22:25		Jaswal	OK
103	P4294-17	MYDA35	SAM	10/23/24 22:29		Jaswal	OK
104	P4294-18	MYDA36	SAM	10/23/24 22:32		Jaswal	OK
105	P4294-19	MYDA37	SAM	10/23/24 22:35		Jaswal	OK
106	P4294-20	MYDA42	SAM	10/23/24 22:38	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
107	P4294-21	MYDA42D	DUP	10/23/24 22:41	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
108	P4294-20L	MYDA42L	SD	10/23/24 22:44	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
109	P4294-22	MYDA42S	MS	10/23/24 22:47	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
110	P4294-20MS	MYDA42SRE	MS	10/23/24 22:51	Ba,Co,Ni,V High	Jaswal	Dilution
111	P4295-01	MYD0Z2	SAM	10/23/24 22:53		Jaswal	OK
112	P4295-02	MYD0Z3	SAM	10/23/24 22:57		Jaswal	OK
113	P4295-03	MYD0Z4	SAM	10/23/24 23:00		Jaswal	OK
114	P4295-04	MYD0Z5	SAM	10/23/24 23:03		Jaswal	OK
115	P4295-05	MYD0Z6	SAM	10/23/24 23:06		Jaswal	OK
116	P4295-06	MYD0Z7	SAM	10/23/24 23:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
117	P4295-07	MYD0Z7D	DUP	10/23/24 23:12	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
118	P4295-06L	MYD0Z7L	SD	10/23/24 23:15	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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 # LB133092

Review By	Sarabjit Jaswal	Review On	10/24/2024 12:10:24 PM
Supervise By	Mohan Bera	Supervise On	10/24/2024 10:33:28 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

119	P4295-08	MYD0Z7S	MS	10/23/24 23:18	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
120	P4295-06MS	MYD0Z7SRE	MS	10/23/24 23:21	MS Fail For Pb, Ba,Co,Ni,V High	Jaswal	Dilution
121	P4295-09	MYD0Z8	SAM	10/23/24 23:24		Jaswal	OK
122	P4295-10	MYD0Z9	SAM	10/23/24 23:27		Jaswal	OK
123	P4295-11	MYD100	SAM	10/23/24 23:30		Jaswal	OK
124	P4295-12	MYD101	SAM	10/23/24 23:33		Jaswal	OK
125	CCV006	CCV006	CCV	10/23/24 23:36		Jaswal	OK
126	CCB006	CCB006	CCB	10/23/24 23:39		Jaswal	OK