EPA SAMPLE NO.

MYD4E6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-09

% Solids: 98.6 Date Received: 06/14/2024

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	0.32	J	10/18/2024	1651
7440-38-2	Arsenic	23		10/18/2024	1651
7440-39-3	Barium	270		10/18/2024	1651
7440-41-7	Beryllium	0.69		10/18/2024	1651
7440-43-9	Cadmium	0.81		10/18/2024	1651
7440-47-3	Chromium	22		10/18/2024	1651
7440-48-4	Cobalt	13		10/18/2024	1651
7440-50-8	Copper	76		10/18/2024	1651
7439-92-1	Lead	51	*	10/18/2024	1651
7440-02-0	Nickel	37		10/18/2024	1651
7782-49-2	Selenium	0.35	J	10/18/2024	1651
7440-22-4	Silver	0.40		10/18/2024	1651
7440-28-0	Thallium	0.10	J	10/18/2024	1651
7440-62-2	Vanadium	44		10/18/2024	1651
7440-66-6	Zinc	190		10/18/2024	1651

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

Comments:

EPA SAMPLE NO.

MYD4E7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-10

% Solids: 97.5 Date Received: 06/14/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.24	J	10/18/2024	1655
7440-38-2	Arsenic	21		10/18/2024	1655
7440-39-3	Barium	240		10/18/2024	1655
7440-41-7	Beryllium	0.71		10/18/2024	1655
7440-43-9	Cadmium	0.64		10/18/2024	1655
7440-47-3	Chromium	22		10/18/2024	1655
7440-48-4	Cobalt	13		10/18/2024	1655
7440-50-8	Copper	49		10/18/2024	1655
7439-92-1	Lead	36	*	10/18/2024	1655
7440-02-0	Nickel	35		10/18/2024	1655
7782-49-2	Selenium	0.47	J	10/18/2024	1655
7440-22-4	Silver	0.26	J	10/18/2024	1655
7440-28-0	Thallium	0.10	J	10/18/2024	1655
7440-62-2	Vanadium	42		10/18/2024	1655
7440-66-6	Zinc	210		10/18/2024	1655

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

Comments:

EPA SAMPLE NO.

MYD4E8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-11

% Solids: 97.9 Date Received: 06/14/2024

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	0.35	J	10/18/2024	1658
7440-38-2	Arsenic	24		10/18/2024	1658
7440-39-3	Barium	280		10/18/2024	1658
7440-41-7	Beryllium	0.68		10/18/2024	1658
7440-43-9	Cadmium	0.88		10/18/2024	1658
7440-47-3	Chromium	24		10/18/2024	1658
7440-48-4	Cobalt	14		10/18/2024	1658
7440-50-8	Copper	75		10/18/2024	1658
7439-92-1	Lead	51	*	10/18/2024	1658
7440-02-0	Nickel	39		10/18/2024	1658
7782-49-2	Selenium	0.35	J	10/18/2024	1658
7440-22-4	Silver	0.41		10/18/2024	1658
7440-28-0	Thallium	0.12	J	10/18/2024	1658
7440-62-2	Vanadium	45		10/18/2024	1658
7440-66-6	Zinc	190		10/18/2024	1658

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

Comments:

EPA SAMPLE NO.

MYD4E9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-12

% Solids: 98.4 Date Received: 06/14/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.39	J	10/18/2024	1701
7440-38-2	Arsenic	22		10/18/2024	1701
7440-39-3	Barium	200		10/18/2024	1701
7440-41-7	Beryllium	0.57		10/18/2024	1701
7440-43-9	Cadmium	0.83		10/18/2024	1701
7440-47-3	Chromium	18		10/18/2024	1701
7440-48-4	Cobalt	11		10/18/2024	1701
7440-50-8	Copper	64		10/18/2024	1701
7439-92-1	Lead	46	*	10/18/2024	1701
7440-02-0	Nickel	30		10/18/2024	1701
7782-49-2	Selenium	0.40	J	10/18/2024	1701
7440-22-4	Silver	0.30	J	10/18/2024	1701
7440-28-0	Thallium	0.089	J	10/18/2024	1701
7440-62-2	Vanadium	38		10/18/2024	1701
7440-66-6	Zinc	200		10/18/2024	1701

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

Comments:

EPA SAMPLE NO.

MYD4F0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-13

% Solids: 98.2 Date Received: 06/14/2024

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		10/18/2024	1705
7440-38-2	Arsenic	89		10/18/2024	1705
7440-39-3	Barium	160		10/18/2024	1705
7440-41-7	Beryllium	0.56		10/18/2024	1705
7440-43-9	Cadmium	1.6		10/18/2024	1705
7440-47-3	Chromium	21		10/18/2024	1705
7440-48-4	Cobalt	13		10/18/2024	1705
7440-50-8	Copper	74		10/18/2024	1705
7439-92-1	Lead	150	*	10/18/2024	1705
7440-02-0	Nickel	24		10/18/2024	1705
7782-49-2	Selenium	0.94	J	10/18/2024	1705
7440-22-4	Silver	0.84		10/18/2024	1705
7440-28-0	Thallium	0.13	J	10/18/2024	1705
7440-62-2	Vanadium	47		10/18/2024	1705
7440-66-6	Zinc	420		10/18/2024	1705

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

Comments:

EPA SAMPLE NO.

MYD4F1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-14

% Solids: 97.7 Date Received: 06/14/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.5		10/18/2024	1708
7440-38-2	Arsenic	130		10/18/2024	1708
7440-39-3	Barium	110		10/18/2024	1708
7440-41-7	Beryllium	0.46		10/18/2024	1708
7440-43-9	Cadmium	1.5		10/18/2024	1708
7440-47-3	Chromium	20		10/18/2024	1708
7440-48-4	Cobalt	16		10/18/2024	1708
7440-50-8	Copper	49		10/18/2024	1708
7439-92-1	Lead	130	*	10/18/2024	1708
7440-02-0	Nickel	17		10/18/2024	1708
7782-49-2	Selenium	1.4	J	10/18/2024	1708
7440-22-4	Silver	0.73		10/18/2024	1708
7440-28-0	Thallium	0.11	J	10/18/2024	1708
7440-62-2	Vanadium	68		10/18/2024	1708
7440-66-6	Zinc	460		10/18/2024	1708

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

Comments:

EPA SAMPLE NO.

MYD4F2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-15

% Solids: 97.4 Date Received: 06/14/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.3		10/18/2024	1711
7440-38-2	Arsenic	130		10/18/2024	1711
7440-39-3	Barium	110		10/18/2024	1711
7440-41-7	Beryllium	0.50		10/18/2024	1711
7440-43-9	Cadmium	1.4		10/18/2024	1711
7440-47-3	Chromium	22		10/18/2024	1711
7440-48-4	Cobalt	17		10/18/2024	1711
7440-50-8	Copper	47		10/18/2024	1711
7439-92-1	Lead	130	*	10/18/2024	1711
7440-02-0	Nickel	17		10/18/2024	1711
7782-49-2	Selenium	1.3	J	10/18/2024	1711
7440-22-4	Silver	0.76		10/18/2024	1711
7440-28-0	Thallium	0.12	J	10/18/2024	1711
7440-62-2	Vanadium	74		10/18/2024	1711
7440-66-6	Zinc	460		10/18/2024	1711

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

Comments:

EPA SAMPLE NO.

MYD4F3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-16

% Solids: 98.4 Date Received: 06/14/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.43	J	10/18/2024	1714
7440-38-2	Arsenic	26		10/18/2024	1714
7440-39-3	Barium	250		10/18/2024	1714
7440-41-7	Beryllium	0.69		10/18/2024	1714
7440-43-9	Cadmium	0.94		10/18/2024	1714
7440-47-3	Chromium	24		10/18/2024	1714
7440-48-4	Cobalt	14		10/18/2024	1714
7440-50-8	Copper	79		10/18/2024	1714
7439-92-1	Lead	130	*	10/18/2024	1714
7440-02-0	Nickel	38		10/18/2024	1714
7782-49-2	Selenium	0.47	J	10/18/2024	1714
7440-22-4	Silver	0.38	J	10/18/2024	1714
7440-28-0	Thallium	0.11	J	10/18/2024	1714
7440-62-2	Vanadium	49		10/18/2024	1714
7440-66-6	Zinc	200		10/18/2024	1714

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

Comments:

EPA SAMPLE NO.

MYD4F4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-17

% Solids: 96.7 Date Received: 06/14/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.5		10/18/2024	1718
7440-38-2	Arsenic	130		10/18/2024	1718
7440-39-3	Barium	180		10/18/2024	1718
7440-41-7	Beryllium	0.64		10/18/2024	1718
7440-43-9	Cadmium	2.0		10/18/2024	1718
7440-47-3	Chromium	25		10/18/2024	1718
7440-48-4	Cobalt	15		10/18/2024	1718
7440-50-8	Copper	75		10/18/2024	1718
7439-92-1	Lead	190	*	10/18/2024	1718
7440-02-0	Nickel	24		10/18/2024	1718
7782-49-2	Selenium	1.7	J	10/18/2024	1718
7440-22-4	Silver	1.1		10/18/2024	1718
7440-28-0	Thallium	0.16	J	10/18/2024	1718
7440-62-2	Vanadium	56		10/18/2024	1718
7440-66-6	Zinc	520		10/18/2024	1718

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

Comments:

EPA SAMPLE NO.

MYD4F5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-18

% Solids: 98.5 Date Received: 06/14/2024

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	0.41	J	10/18/2024	1721
7440-38-2	Arsenic	23		10/18/2024	1721
7440-39-3	Barium	160		10/18/2024	1721
7440-41-7	Beryllium	0.57		10/18/2024	1721
7440-43-9	Cadmium	0.64		10/18/2024	1721
7440-47-3	Chromium	22		10/18/2024	1721
7440-48-4	Cobalt	13		10/18/2024	1721
7440-50-8	Copper	54		10/18/2024	1721
7439-92-1	Lead	62	*	10/18/2024	1721
7440-02-0	Nickel	25		10/18/2024	1721
7782-49-2	Selenium	0.40	J	10/18/2024	1721
7440-22-4	Silver	0.25	J	10/18/2024	1721
7440-28-0	Thallium	0.11	J	10/18/2024	1721
7440-62-2	Vanadium	44		10/18/2024	1721
7440-66-6	Zinc	160		10/18/2024	1721

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

Comments:

EPA SAMPLE NO.

MYD4F6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-19

% Solids: 99.2 Date Received: 06/14/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.38	J	10/18/2024	1724
7440-38-2	Arsenic	22		10/18/2024	1724
7440-39-3	Barium	130		10/18/2024	1724
7440-41-7	Beryllium	0.58		10/18/2024	1724
7440-43-9	Cadmium	0.67		10/18/2024	1724
7440-47-3	Chromium	21		10/18/2024	1724
7440-48-4	Cobalt	14		10/18/2024	1724
7440-50-8	Copper	56		10/18/2024	1724
7439-92-1	Lead	32	*	10/18/2024	1724
7440-02-0	Nickel	22		10/18/2024	1724
7782-49-2	Selenium	1.9	U	10/18/2024	1724
7440-22-4	Silver	0.24	J	10/18/2024	1724
7440-28-0	Thallium	0.11	J	10/18/2024	1724
7440-62-2	Vanadium	45		10/18/2024	1724
7440-66-6	Zinc	160		10/18/2024	1724

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

Comments:

EPA SAMPLE NO.

MYD5H3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-01

% Solids: 96.9 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.18	J	10/18/2024	1555
7440-38-2	Arsenic	21		10/18/2024	1555
7440-39-3	Barium	150	D	10/18/2024	1611
7440-41-7	Beryllium	0.64		10/18/2024	1555
7440-43-9	Cadmium	0.63		10/18/2024	1555
7440-47-3	Chromium	23		10/18/2024	1555
7440-48-4	Cobalt	15	D	10/18/2024	1611
7440-50-8	Copper	55		10/18/2024	1555
7439-92-1	Lead	54	*	10/18/2024	1555
7440-02-0	Nickel	23	D	10/18/2024	1611
7782-49-2	Selenium	2.1	U	10/18/2024	1555
7440-22-4	Silver	0.35	J	10/18/2024	1555
7440-28-0	Thallium	0.12	J	10/18/2024	1555
7440-62-2	Vanadium	44	D	10/18/2024	1611
7440-66-6	Zinc	160		10/18/2024	1555

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

Comments:

EPA SAMPLE NO.

MYD5K6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-04

% Solids: 97.7 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.48	J	10/18/2024	1628
7440-38-2	Arsenic	68		10/18/2024	1628
7440-39-3	Barium	260		10/18/2024	1628
7440-41-7	Beryllium	0.55		10/18/2024	1628
7440-43-9	Cadmium	0.56		10/18/2024	1628
7440-47-3	Chromium	45		10/18/2024	1628
7440-48-4	Cobalt	32		10/18/2024	1628
7440-50-8	Copper	110		10/18/2024	1628
7439-92-1	Lead	33	*	10/18/2024	1628
7440-02-0	Nickel	37		10/18/2024	1628
7782-49-2	Selenium	1.9	U	10/18/2024	1628
7440-22-4	Silver	0.20	J	10/18/2024	1628
7440-28-0	Thallium	0.14	J	10/18/2024	1628
7440-62-2	Vanadium	100		10/18/2024	1628
7440-66-6	Zinc	130		10/18/2024	1628

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

Comments:

EPA SAMPLE NO.

MYD5K7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-05

% Solids: 98.5 Date Received: 06/10/2024

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	10/18/2024	1638
7440-38-2	Arsenic	85		10/18/2024	1638
7440-39-3	Barium	280		10/18/2024	1638
7440-41-7	Beryllium	0.50		10/18/2024	1638
7440-43-9	Cadmium	0.89		10/18/2024	1638
7440-47-3	Chromium	47		10/18/2024	1638
7440-48-4	Cobalt	33		10/18/2024	1638
7440-50-8	Copper	130		10/18/2024	1638
7439-92-1	Lead	44	*	10/18/2024	1638
7440-02-0	Nickel	39		10/18/2024	1638
7782-49-2	Selenium	2.1	U	10/18/2024	1638
7440-22-4	Silver	0.27	J	10/18/2024	1638
7440-28-0	Thallium	0.18	J	10/18/2024	1638
7440-62-2	Vanadium	120		10/18/2024	1638
7440-66-6	Zinc	150		10/18/2024	1638

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

Comments:

EPA SAMPLE NO.

MYD5K8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-06

% Solids: 98.7 Date Received: 06/10/2024

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	0.66	J	10/18/2024	1642
7440-38-2	Arsenic	58		10/18/2024	1642
7440-39-3	Barium	470		10/18/2024	1642
7440-41-7	Beryllium	0.51		10/18/2024	1642
7440-43-9	Cadmium	0.73		10/18/2024	1642
7440-47-3	Chromium	35		10/18/2024	1642
7440-48-4	Cobalt	30		10/18/2024	1642
7440-50-8	Copper	98		10/18/2024	1642
7439-92-1	Lead	46	*	10/18/2024	1642
7440-02-0	Nickel	31		10/18/2024	1642
7782-49-2	Selenium	1.7	U	10/18/2024	1642
7440-22-4	Silver	0.18	J	10/18/2024	1642
7440-28-0	Thallium	0.13	J	10/18/2024	1642
7440-62-2	Vanadium	91		10/18/2024	1642
7440-66-6	Zinc	160		10/18/2024	1642

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

Comments:

EPA SAMPLE NO.

MYD5K9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-07

% Solids: 98.9 Date Received: 06/10/2024

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	0.68	J	10/18/2024	1645
7440-38-2	Arsenic	56		10/18/2024	1645
7440-39-3	Barium	340		10/18/2024	1645
7440-41-7	Beryllium	0.57		10/18/2024	1645
7440-43-9	Cadmium	0.71		10/18/2024	1645
7440-47-3	Chromium	42		10/18/2024	1645
7440-48-4	Cobalt	27		10/18/2024	1645
7440-50-8	Copper	91		10/18/2024	1645
7439-92-1	Lead	33	*	10/18/2024	1645
7440-02-0	Nickel	38		10/18/2024	1645
7782-49-2	Selenium	2.0	U	10/18/2024	1645
7440-22-4	Silver	0.15	J	10/18/2024	1645
7440-28-0	Thallium	0.15	J	10/18/2024	1645
7440-62-2	Vanadium	96		10/18/2024	1645
7440-66-6	Zinc	130		10/18/2024	1645

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

Comments:

EPA SAMPLE NO.

MYD5L0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3221.2 SDG No.: MYD5K6

Matrix: SOIL Lab Sample ID: P2828-08

% Solids: 98.9 Date Received: 06/10/2024

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	10/18/2024	1648
7440-38-2	Arsenic	43		10/18/2024	1648
7440-39-3	Barium	280		10/18/2024	1648
7440-41-7	Beryllium	0.51		10/18/2024	1648
7440-43-9	Cadmium	0.41		10/18/2024	1648
7440-47-3	Chromium	39		10/18/2024	1648
7440-48-4	Cobalt	29		10/18/2024	1648
7440-50-8	Copper	71		10/18/2024	1648
7439-92-1	Lead	31	*	10/18/2024	1648
7440-02-0	Nickel	33		10/18/2024	1648
7782-49-2	Selenium	1.8	U	10/18/2024	1648
7440-22-4	Silver	0.092	J	10/18/2024	1648
7440-28-0	Thallium	0.14	J	10/18/2024	1648
7440-62-2	Vanadium	90		10/18/2024	1648
7440-66-6	Zinc	140		10/18/2024	1648

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

Comments:

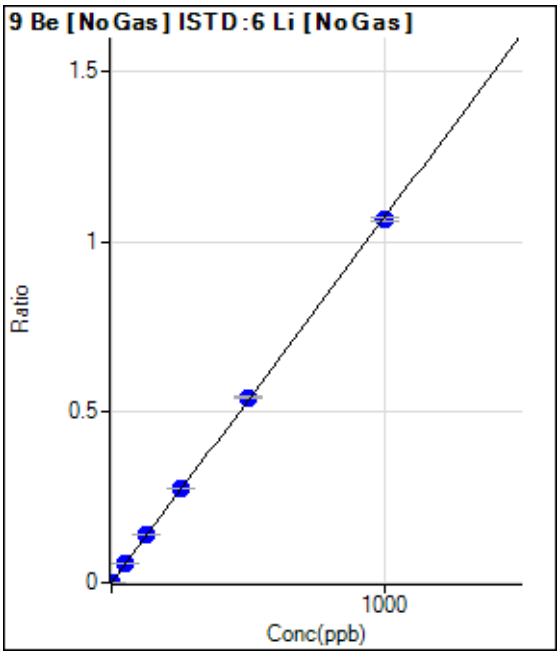
Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

Calibration for 010CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101824-MS.b\
Analysis File: P7101824-MS.batch.bin
DA Date-Time: 2024-10-18 16:42:04
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-18 11:46:13
2	005CALS.d	S02	2024-10-18 11:49:35
3	006CALS.d	S03	2024-10-18 11:53:00
4	007CALS.d	S04	2024-10-18 11:56:17
5	008CALS.d	S05	2024-10-18 11:59:27
6	009CALS.d	S06	2024-10-18 12:02:28
7	010CALS.d	S07	2024-10-18 12:05:26
8	011CALS.d	S08	2024-10-18 12:08:18

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.56	0.0001	P	48.1
2	☐	1.000	1.074	853.36	0.0012	P	7.9
3	☐	50.000	52.955	40734.31	0.0568	P	0.4
4	☐	125.000	131.204	98467.94	0.1407	P	0.9
5	☐	250.000	258.343	189928.74	0.2769	P	1.1
6	☐	500.000	507.773	365397.15	0.5443	P	1.6
7	☐	1000.000	993.105	712753.69	1.0645	P	1.2
8	☐			421.12	0.0006	P	12.1

y = 0.0011 * x + 5.1797E-005

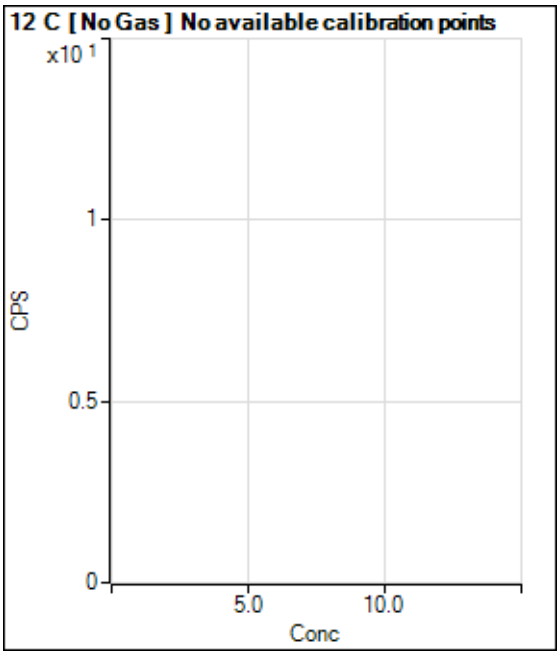
R = 0.9999

DL = 0.06971

BEC = 0.04833

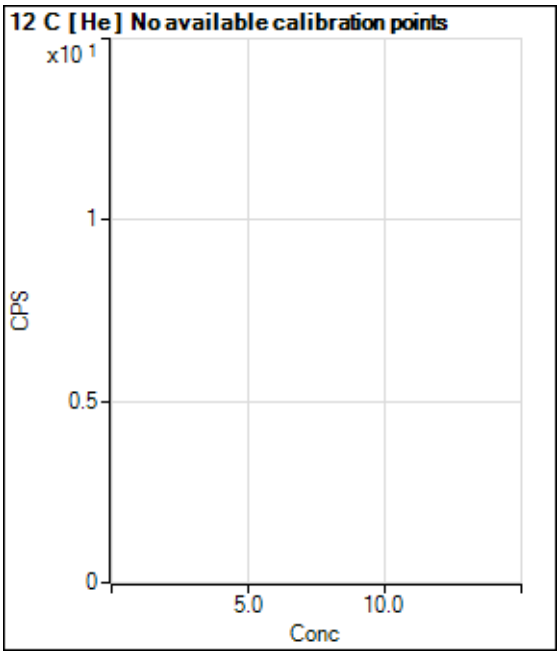
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Min Conc: 0

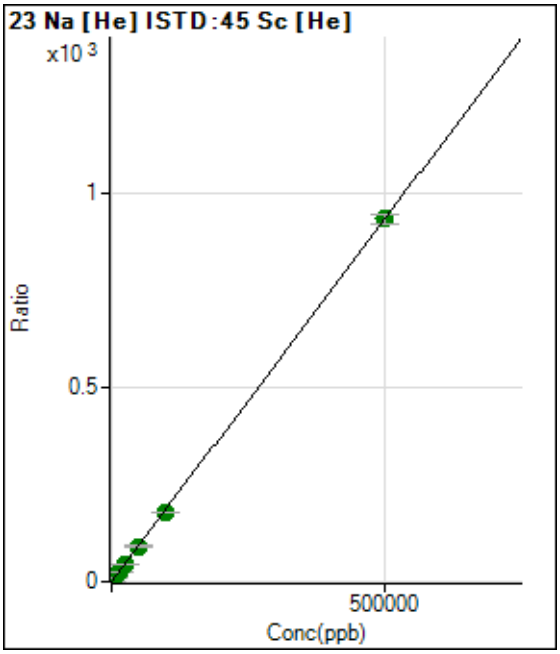


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
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6	☐						
7	☐						
8	☐						

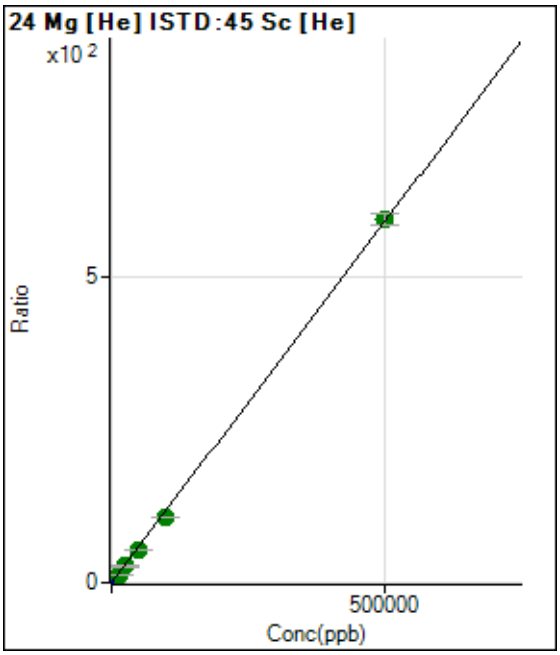


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1	☐	0.000	0.000	7388.50	0.0544	P	2.9
2	☐	500.000	482.836	129794.45	0.9562	P	0.4
3	☐	5000.000	4717.655	1199439.84	8.8656	A	1.5
4	☐	12500.000	12108.326	2938633.57	22.6691	A	0.2
5	☐	25000.000	24017.612	5578423.25	44.9120	A	1.2
6	☐	50000.000	48935.018	11114437.06	91.4502	A	0.9
7	☐	100000.00	96533.420	22096994.39	180.3495	A	0.5
8	☐	500000.00	500861.56	107863426.1	935.5115	A	2.6

y = 0.0019 * x + 0.0544
R = 1.0000
DL = 2.529
BEC = 29.14

Weight: <None>
Min Conc: 0

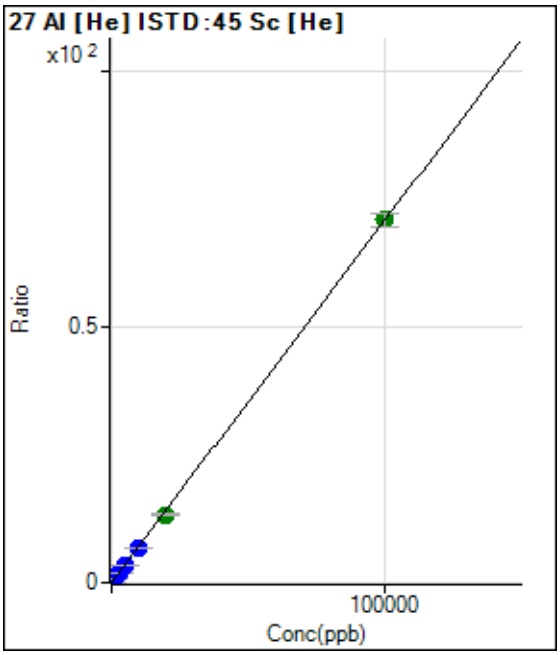
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1458.98	0.0108	P	6.6
2	☐	500.000	473.471	77398.78	0.5702	P	1.1
3	☐	5000.000	4619.071	739918.65	5.4687	P	0.6
4	☐	12500.000	11375.553	1743715.97	13.4523	A	1.2
5	☐	25000.000	22641.174	3324378.94	26.7639	A	0.7
6	☐	50000.000	45469.758	6531189.90	53.7385	A	1.3
7	☐	100000.00	89989.295	13029361.61	106.3435	A	0.9
8	☐	500000.00	502605.05	68465590.09	593.8967	A	3.3

y = 0.0012 * x + 0.0108
R = 0.9998
DL = 1.79
BEC = 9.1

Weight: <None>
Min Conc: 0

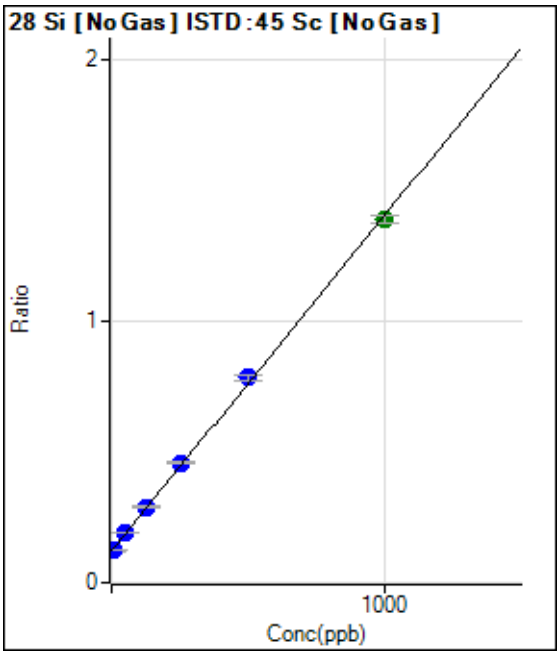


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	20.000	18.035	1840.13	0.0136	P	8.8
3	☐	1000.000	970.326	92845.24	0.6862	P	0.3
4	☐	2500.000	2439.935	223506.12	1.7243	P	1.3
5	☐	5000.000	4898.559	429879.23	3.4609	P	0.7
6	☐	10000.000	9758.888	837848.97	6.8940	P	1.3
7	☐	20000.000	18857.821	1632135.59	13.3211	A	0.4
8	☐	100000.00	100259.41	8163990.78	70.8193	A	3.4

y = 7.0635E-004 * x + 8.1699E-004
R = 0.9999
DL = 0.358
BEC = 1.157

Weight: <None>
Min Conc: 0

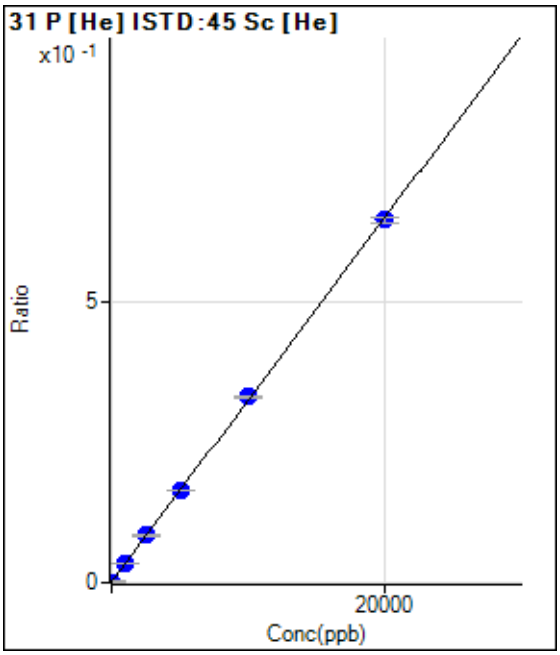
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	185791.17	0.1212	P	6.8
2	☐	10.000	3.505	197679.45	0.1257	P	0.1
3	☐	50.000	52.424	293438.98	0.1883	P	0.7
4	☐	125.000	131.422	436027.23	0.2895	P	0.7
5	☐	250.000	263.519	655675.57	0.4587	P	2.1
6	☐	500.000	517.461	1078765.84	0.7839	P	3.2
7	☐	1000.000	987.031	1915483.96	1.3852	A	2.1
8	☐			181047.22	0.1359	P	2.0

y = 0.0013 * x + 0.1212
R = 0.9996
DL = 19.35
BEC = 94.62

Weight: <None>
Min Conc: 0

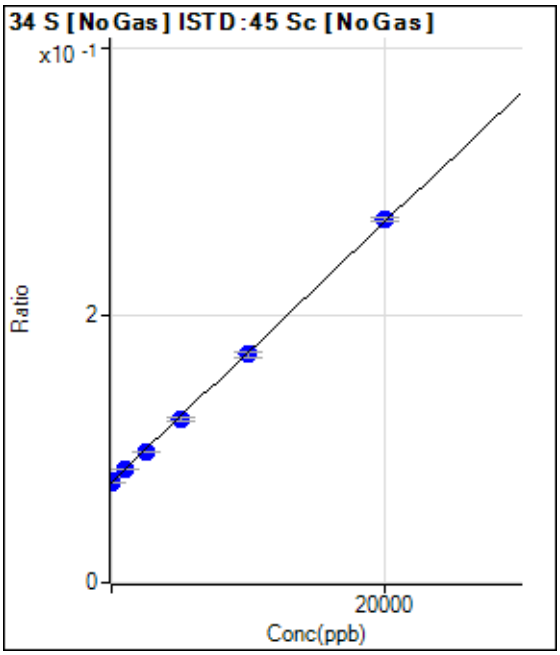


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.247	87.78	0.0006	P	6.6
2	☐	0.000	16.247	231.12	0.0017	P	5.9
3	☐	1000.000	1019.153	4642.98	0.0343	P	2.3
4	☐	2500.000	2573.387	10999.59	0.0849	P	1.8
5	☐	5000.000	5025.243	20444.85	0.1646	P	0.8
6	☐	10000.000	10177.957	40370.95	0.3322	P	1.0
7	☐	20000.000	19894.580	79411.11	0.6482	P	1.5
8	☐			134.45	0.0012	P	13.2

y = 3.2521E-005 * x + 0.0012
R = 0.9999
DL = 6.565
BEC = 36.11

Weight: <None>
Min Conc: 0

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On:10/19/2024 2:12:32 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	104.685	117288.92	0.0765	P	5.7
2	☐	0.000	-104.685	117080.66	0.0744	P	0.6
3	☐	1000.000	925.692	131582.77	0.0844	P	0.1
4	☐	2500.000	2300.609	147315.20	0.0978	P	0.7
5	☐	5000.000	4810.879	174691.19	0.1222	P	1.6
6	☐	10000.000	9809.716	235025.26	0.1708	P	2.5
7	☐	20000.000	20171.062	375345.68	0.2714	P	0.9
8	☐			97537.63	0.0732	P	1.5

y = 9.7155E-006 * x + 0.0754

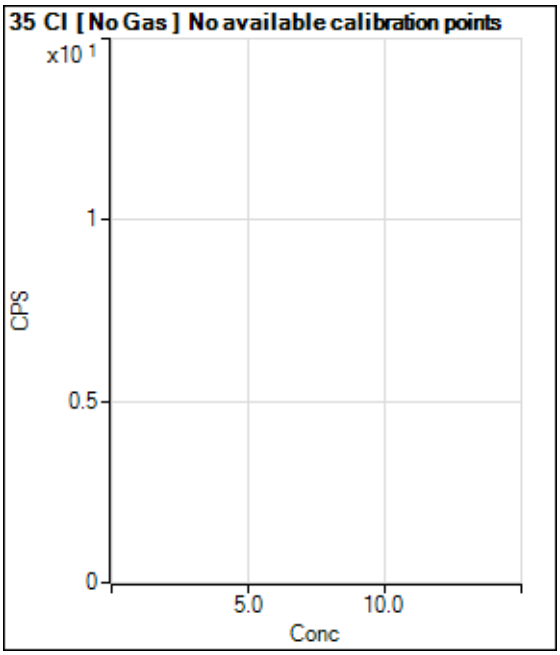
R = 0.9998

DL = 743.1

BEC = 7766

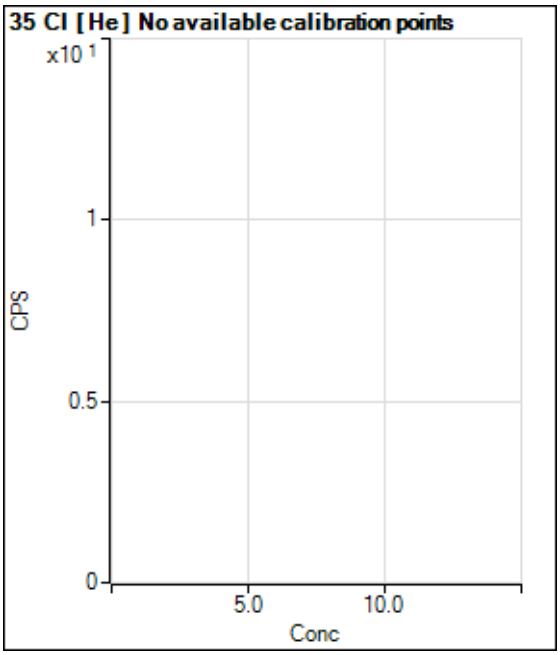
Weight: <None>

Min Conc: 0

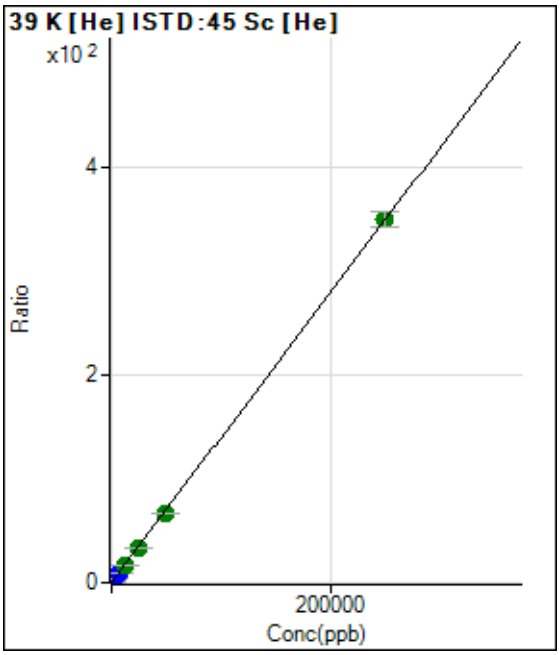


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

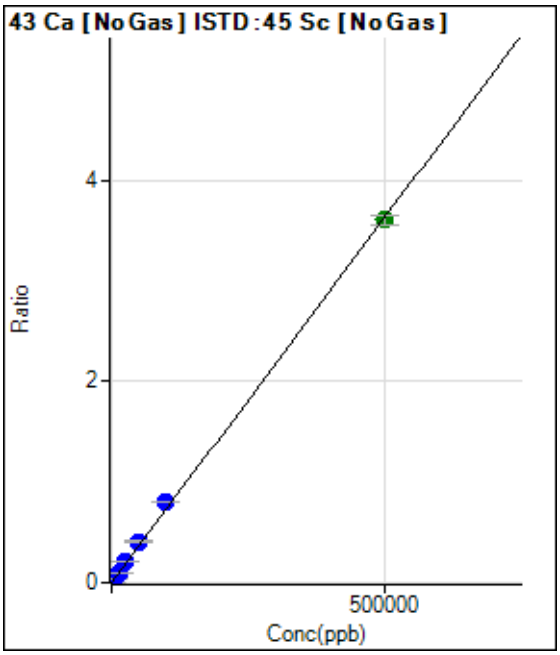


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2	☐	500.000	498.429	129178.91	0.9517	P	0.5
3	☐	2500.000	2599.147	524831.91	3.8791	P	1.1
4	☐	6250.000	6576.153	1221227.25	9.4213	P	1.0
5	☐	12500.000	12307.219	2162273.37	17.4079	A	0.7
6	☐	25000.000	24259.401	4140132.71	34.0639	A	0.4
7	☐	50000.000	47752.077	8184733.63	66.8023	A	0.6
8	☐	250000.00	250524.14	40269401.07	349.3765	A	4.3

y = 0.0014 * x + 0.2571
R = 0.9999
DL = 18.2
BEC = 184.5

Weight: <None>
Min Conc: 0

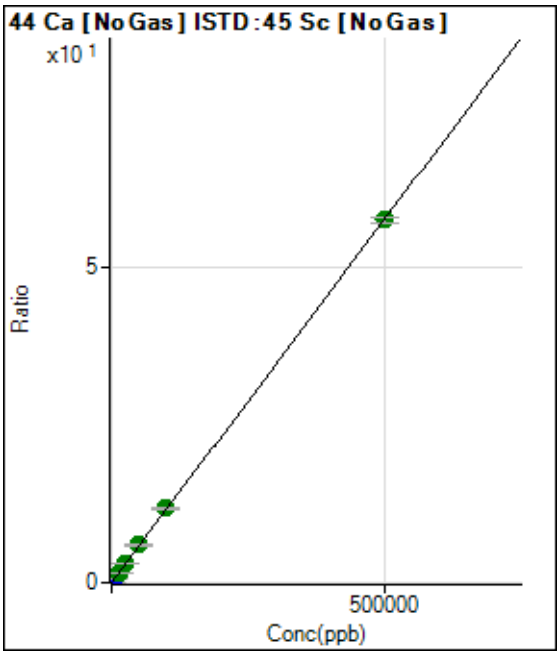
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.12	0.0001	P	7.4
2	☐	500.000	495.291	5853.40	0.0037	P	2.1
3	☐	5000.000	5715.929	64872.22	0.0416	P	1.6
4	☐	12500.000	14232.469	155867.26	0.1035	P	0.3
5	☐	25000.000	28333.310	294306.63	0.2059	P	2.4
6	☐	50000.000	56337.689	563244.16	0.4092	P	2.9
7	☐	100000.00	110392.78	1108793.56	0.8018	P	1.0
8	☐	500000.00	497070.54	4809122.53	3.6098	A	2.5

y = 7.2619E-006 * x + 1.2467E-004
R = 0.9997
DL = 3.811
BEC = 17.17

Weight: <None>
Min Conc: 0

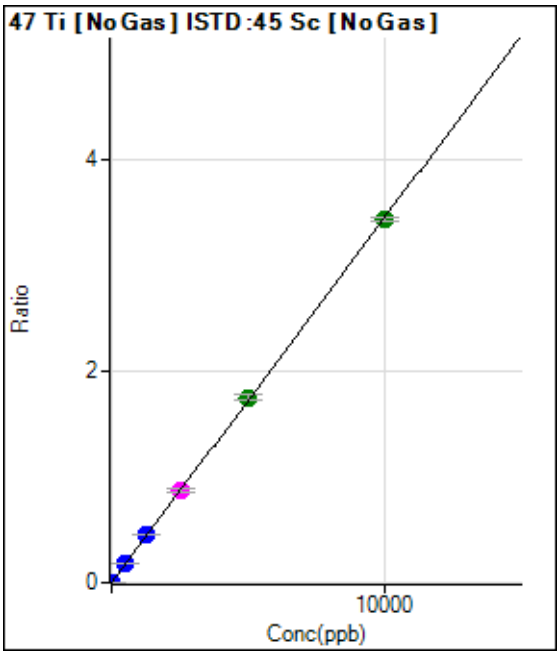


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	500.000	514.871	97682.75	0.0621	P	0.6
3	☐	5000.000	5560.104	1002352.45	0.6433	P	0.6
4	☐	12500.000	12948.047	2250792.95	1.4943	A	0.5
5	☐	25000.000	25741.427	4243105.87	2.9680	A	1.7
6	☐	50000.000	51927.781	8235692.38	5.9844	A	3.3
7	☐	100000.00	102069.65	16263010.45	11.7602	A	1.2
8	☐	500000.00	499339.40	76635896.08	57.5219	A	1.7

y = 1.1519E-004 * x + 0.0028
R = 1.0000
DL = 2.252
BEC = 24.24

Weight: <None>
Min Conc: 0

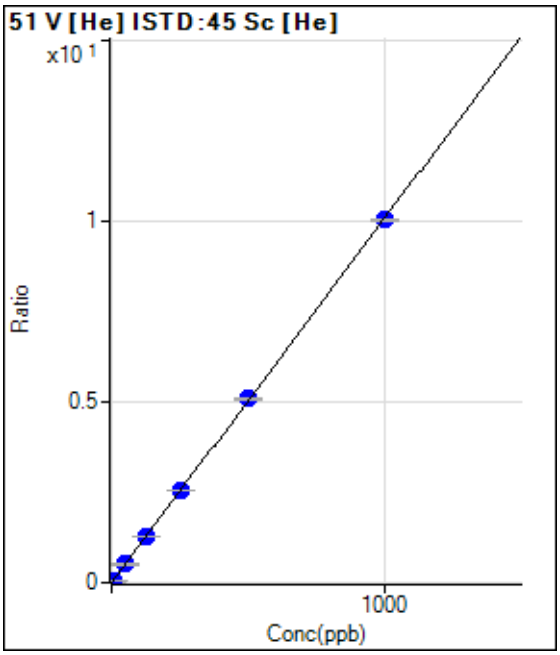
Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	35.5
2	☐	5.000	4.655	2560.25	0.0016	P	4.1
3	☐	500.000	519.149	279236.67	0.1792	P	0.9
4	☐	1250.000	1298.902	675285.78	0.4483	P	0.4
5	☐	2500.000	2540.026	1253206.12	0.8767	M	3.1
6	☐	5000.000	5075.249	2410902.41	1.7517	A	2.9
7	☐	10000.000	9945.299	4746846.67	3.4326	A	1.2
8	☐			768.92	0.0006	P	7.2

y = 3.4514E-004 * x + 2.1406E-005
R = 0.9999
DL = 0.066
BEC = 0.06202

Weight: <None>
Min Conc: 0

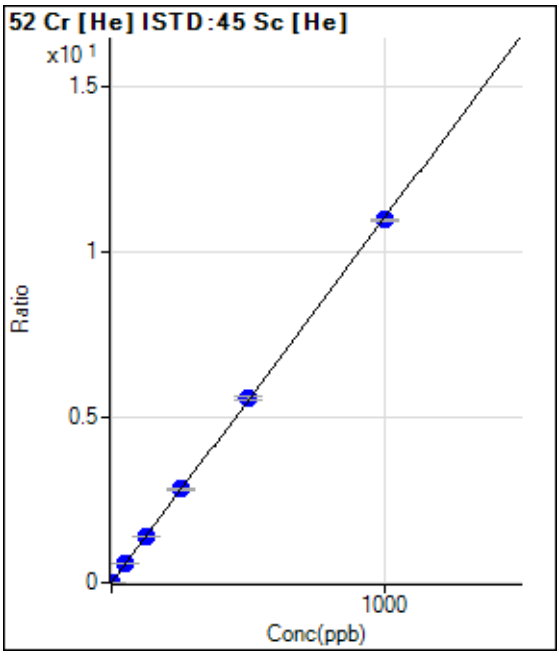


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	2.2
2	☐	5.000	4.970	6794.93	0.0501	P	0.8
3	☐	50.000	50.437	68666.23	0.5076	P	2.0
4	☐	125.000	127.464	166263.35	1.2826	P	0.7
5	☐	250.000	254.033	317507.51	2.5562	P	0.6
6	☐	500.000	505.259	617907.06	5.0841	P	1.0
7	☐	1000.000	996.033	1227959.39	10.0225	P	0.6
8	☐			386.68	0.0034	P	10.1

y = 0.0101 * x + 4.9130E-005
R = 1.0000
DL = 0.000326
BEC = 0.004883

Weight: <None>
Min Conc: 0

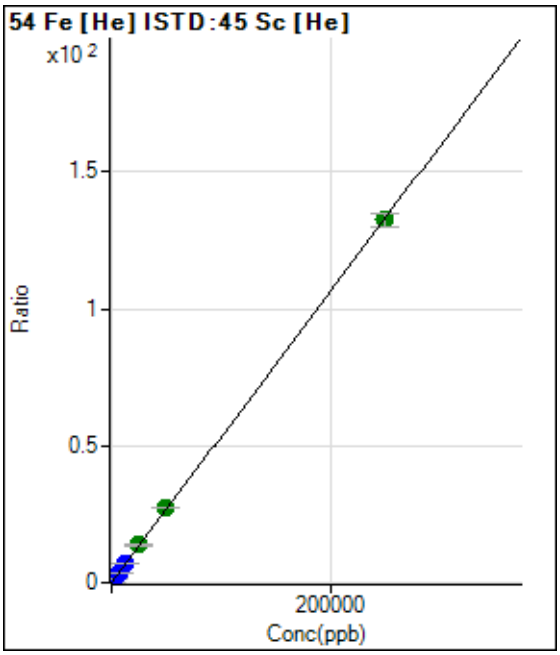
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.01	0.0021	P	21.8
2	☐	2.000	1.952	3204.82	0.0236	P	5.7
3	☐	50.000	51.263	76849.94	0.5680	P	1.4
4	☐	125.000	128.175	183697.99	1.4171	P	0.8
5	☐	250.000	255.961	351252.27	2.8279	P	1.0
6	☐	500.000	506.864	680323.83	5.5980	P	1.5
7	☐	1000.000	994.618	1345632.93	10.9829	P	0.6
8	☐			4725.24	0.0410	P	5.9

y = 0.0110 * x + 0.0021
R = 0.9999
DL = 0.1223
BEC = 0.1867

Weight: <None>
Min Conc: 0

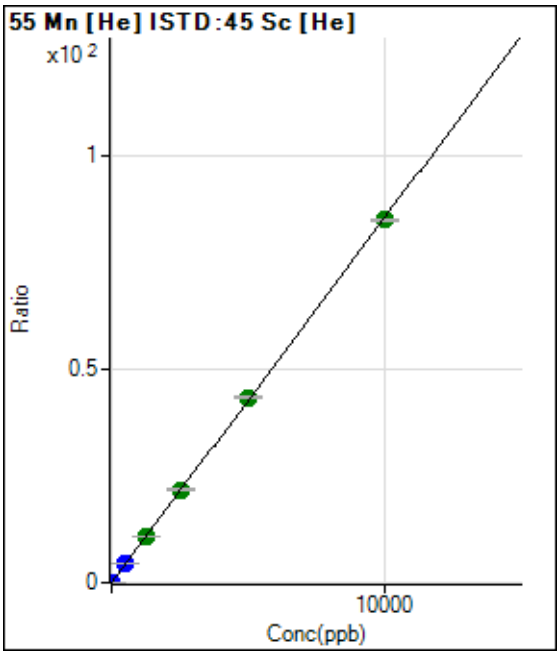


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	876.70	0.0065	P	7.8
2	☐	50.000	55.334	4864.16	0.0358	P	1.7
3	☐	2500.000	2733.435	197171.94	1.4574	P	1.1
4	☐	6250.000	6910.559	476315.78	3.6745	P	0.8
5	☐	12500.000	13790.073	909964.23	7.3261	P	1.1
6	☐	25000.000	26069.472	1682396.28	13.8440	A	2.4
7	☐	50000.000	51236.816	3332869.05	27.2026	A	0.9
8	☐	250000.00	249562.33	15270920.61	132.4725	A	3.5

y = 5.3079E-004 * x + 0.0065
R = 1.0000
DL = 2.838
BEC = 12.18

Weight: <None>
Min Conc: 0

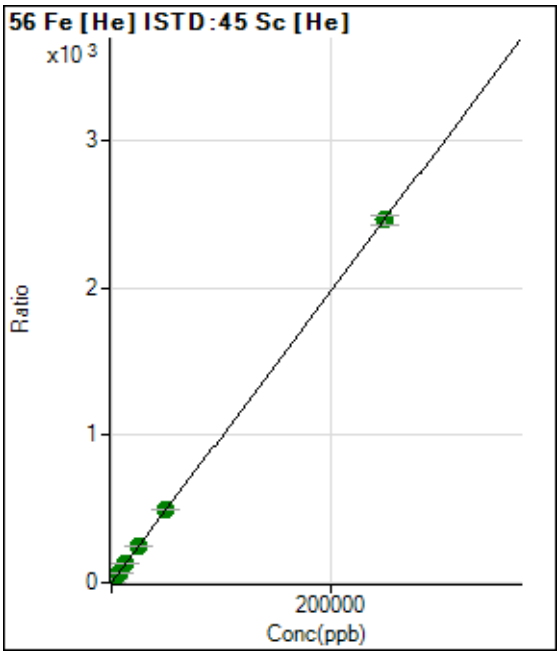
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.22	0.0007	P	19.0
2	☐	1.000	1.068	1333.41	0.0098	P	4.3
3	☐	500.000	518.254	600441.65	4.4379	P	0.7
4	☐	1250.000	1267.258	1406505.36	10.8508	A	1.2
5	☐	2500.000	2554.499	2716595.27	21.8721	A	1.8
6	☐	5000.000	5071.712	5277496.90	43.4242	A	1.2
7	☐	10000.000	9947.449	10435196.86	85.1698	A	0.6
8	☐			6709.33	0.0582	P	2.6

y = 0.0086 * x + 6.7814E-004
R = 0.9999
DL = 0.04514
BEC = 0.0792

Weight: <None>
Min Conc: 0

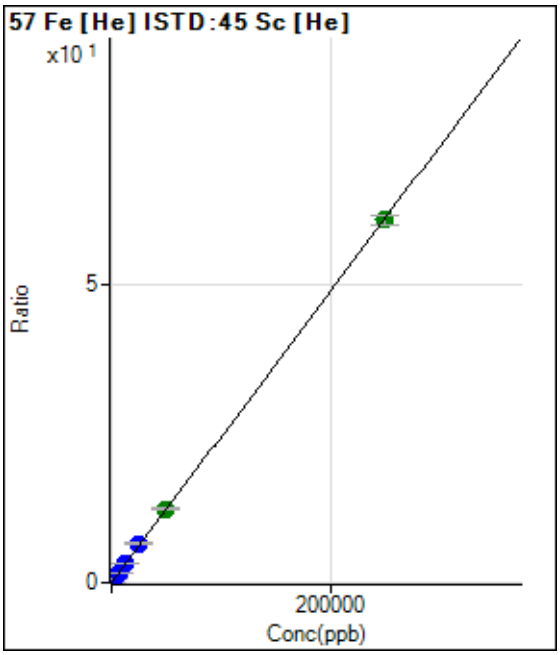


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5355.45	0.0394	P	1.9
2	☐	50.000	52.445	75405.44	0.5555	P	0.6
3	☐	2500.000	2575.550	3434442.83	25.3836	A	0.3
4	☐	6250.000	6430.343	8207160.50	63.3160	A	1.5
5	☐	12500.000	12818.787	15672712.54	126.1802	A	0.9
6	☐	25000.000	25578.762	30596574.54	251.7423	A	0.4
7	☐	50000.000	50007.452	60295883.55	492.1281	A	0.7
8	☐	250000.00	249919.42	283533082.4	2,459.323	A	2.9

y = 0.0098 * x + 0.0394
R = 1.0000
DL = 0.2244
BEC = 4.008

Weight: <None>
Min Conc: 0

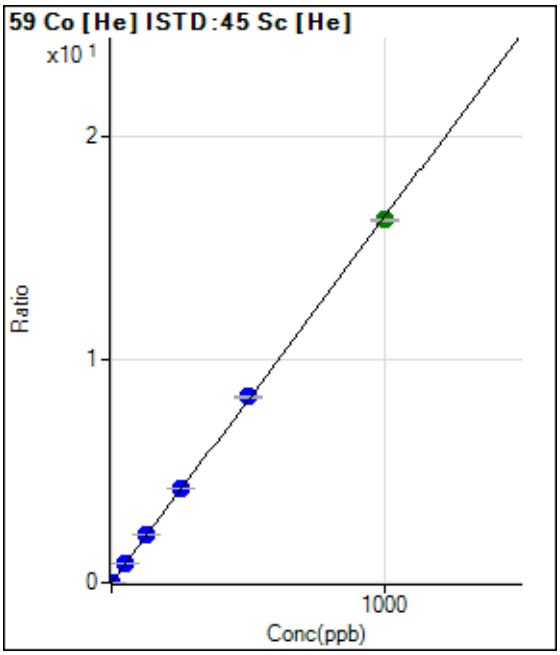
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	628.91	0.0046	P	11.9
2	☐	50.000	55.697	2468.00	0.0182	P	6.7
3	☐	2500.000	2707.293	89709.87	0.6631	P	1.3
4	☐	6250.000	6839.835	216236.23	1.6682	P	0.8
5	☐	12500.000	13650.232	412930.46	3.3245	P	1.2
6	☐	25000.000	27062.533	800521.87	6.5865	P	0.4
7	☐	50000.000	50829.047	1515186.59	12.3668	A	1.1
8	☐	250000.00	249553.60	6998069.55	60.6986	A	2.9

y = 2.4321E-004 * x + 0.0046
R = 1.0000
DL = 6.815
BEC = 19.05

Weight: <None>
Min Conc: 0

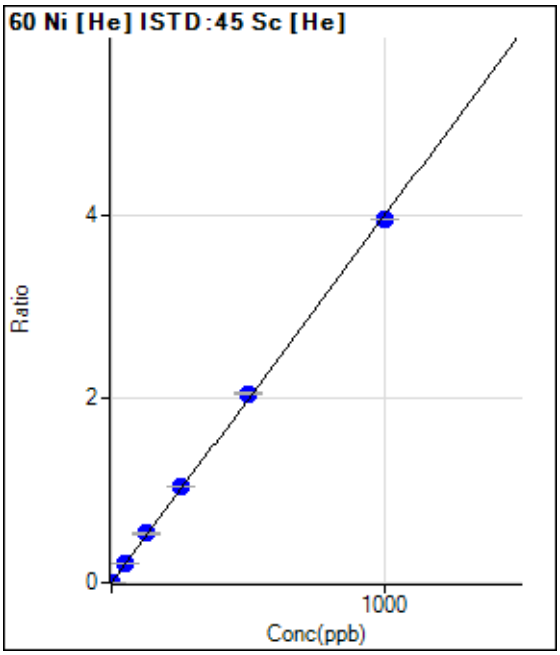


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0002	P	38.1
2	☐	1.000	1.090	2450.22	0.0181	P	2.2
3	☐	50.000	51.637	114506.63	0.8463	P	1.2
4	☐	125.000	130.403	277031.21	2.1370	P	0.4
5	☐	250.000	257.959	525051.26	4.2272	P	1.2
6	☐	500.000	509.722	1015159.64	8.3527	P	0.8
7	☐	1000.000	992.392	1992421.46	16.2620	A	0.8
8	☐			5199.83	0.0451	P	0.8

y = 0.0164 * x + 1.9697E-004
R = 0.9999
DL = 0.01373
BEC = 0.01202

Weight: <None>
Min Conc: 0

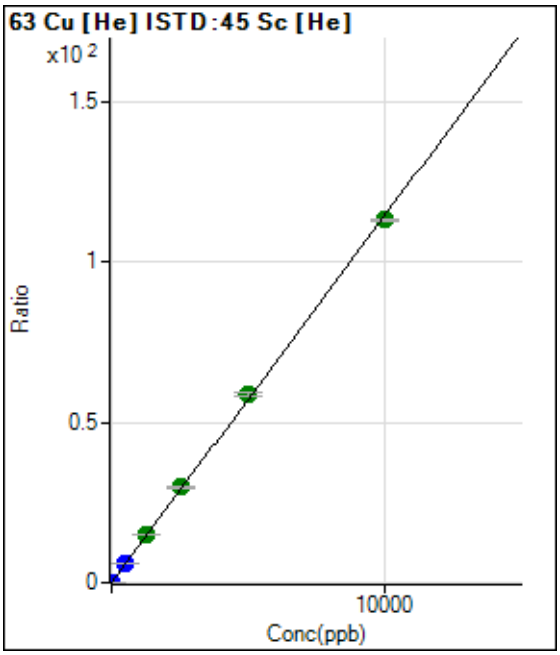
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0005	P	21.0
2	☐	1.000	1.203	718.91	0.0053	P	12.1
3	☐	50.000	53.589	28968.04	0.2141	P	1.3
4	☐	125.000	134.020	69308.06	0.5347	P	1.9
5	☐	250.000	261.747	129653.08	1.0439	P	1.5
6	☐	500.000	514.201	249165.71	2.0502	P	1.1
7	☐	1000.000	988.656	482908.53	3.9414	P	0.2
8	☐			1984.60	0.0172	P	10.1

y = 0.0040 * x + 5.0011E-004
R = 0.9998
DL = 0.07905
BEC = 0.1255

Weight: <None>
Min Conc: 0

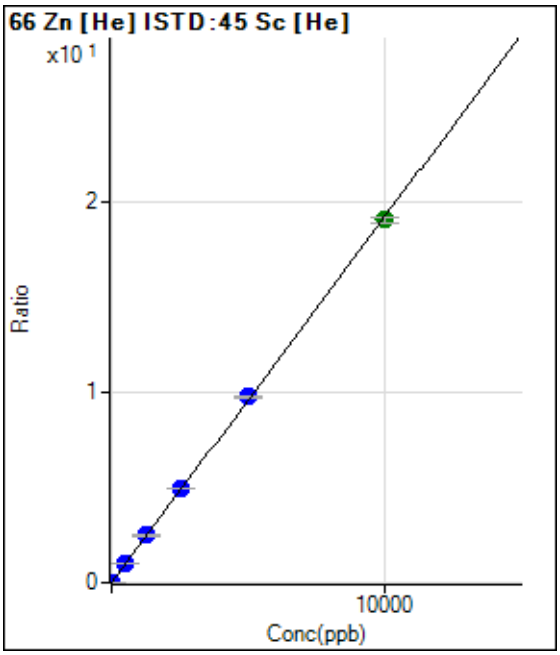


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	771.14	0.0057	P	7.9
2	☐	2.000	2.076	3997.24	0.0294	P	4.8
3	☐	500.000	524.272	813128.41	6.0098	P	0.5
4	☐	1250.000	1327.819	1971893.77	15.2122	A	0.8
5	☐	2500.000	2602.032	3702071.44	29.8048	A	1.2
6	☐	5000.000	5145.994	7162861.14	58.9389	A	1.5
7	☐	10000.000	9890.554	13878808.13	113.2747	A	0.7
8	☐			4570.74	0.0397	P	4.1

y = 0.0115 * x + 0.0057
R = 0.9998
DL = 0.1174
BEC = 0.4955

Weight: <None>
Min Conc: 0

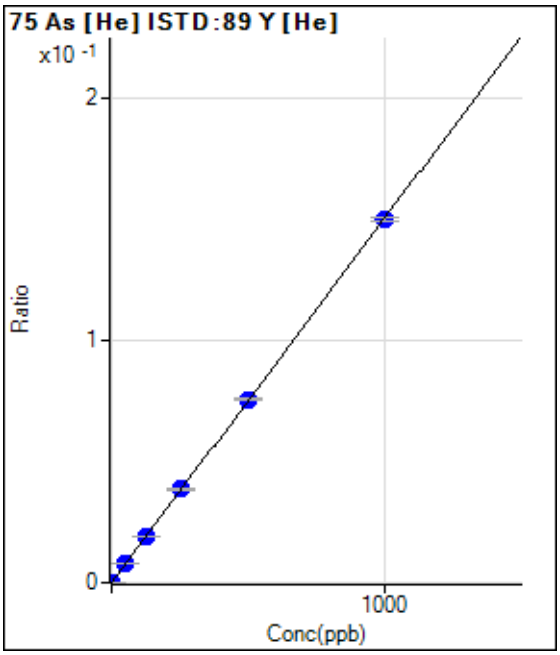
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.55	0.0006	P	17.4
2	☐	2.000	5.061	1403.42	0.0103	P	6.0
3	☐	500.000	515.876	133985.65	0.9903	P	0.6
4	☐	1250.000	1292.831	321583.18	2.4808	P	0.7
5	☐	2500.000	2576.920	614105.80	4.9442	P	1.2
6	☐	5000.000	5098.535	1188808.14	9.7817	P	1.1
7	☐	10000.000	9925.354	2332925.45	19.0415	A	1.4
8	☐			8270.14	0.0717	P	4.7

y = 0.0019 * x + 6.3110E-004
R = 0.9999
DL = 0.1719
BEC = 0.329

Weight: <None>
Min Conc: 0

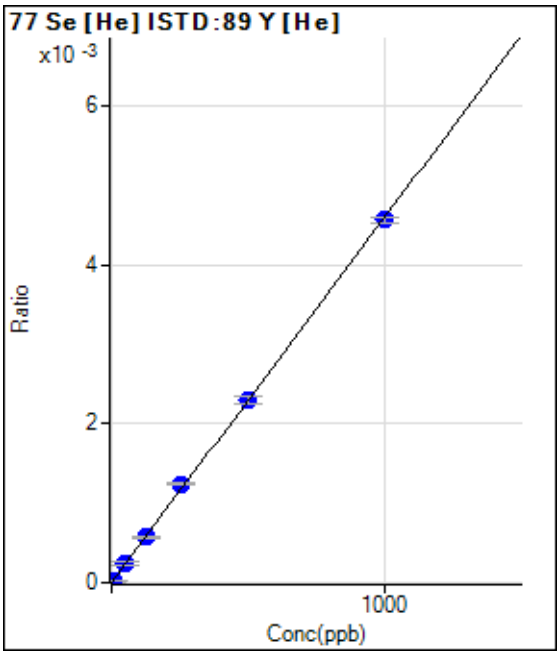


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	1.000	1.135	212.23	0.0002	P	19.3
3	☐	50.000	51.379	9573.18	0.0077	P	1.3
4	☐	125.000	128.064	23029.05	0.0193	P	0.6
5	☐	250.000	256.612	44378.35	0.0386	P	0.9
6	☐	500.000	503.633	85715.37	0.0758	P	1.0
7	☐	1000.000	996.078	169645.52	0.1500	P	1.1
8	☐			74.45	0.0001	P	17.8

y = 1.5056E-004 * x + 8.9667E-007
R = 1.0000
DL = 0.03095
BEC = 0.005955

Weight: <None>
Min Conc: 0

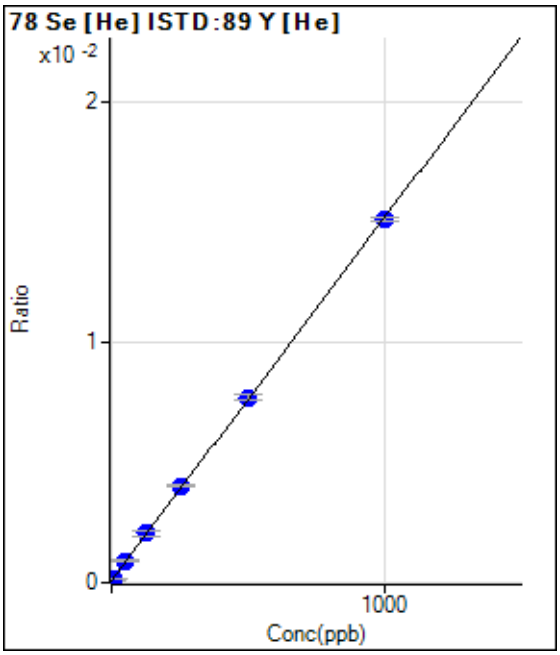
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	5.867	35.56	0.0000	P	39.0
3	☐	50.000	52.711	302.23	0.0002	P	18.4
4	☐	125.000	124.026	683.35	0.0006	P	6.4
5	☐	250.000	270.229	1428.97	0.0012	P	2.7
6	☐	500.000	502.374	2612.47	0.0023	P	4.2
7	☐	1000.000	993.738	5169.84	0.0046	P	1.4
8	☐			2.22	0.0000	P	86.6

y = 4.5974E-006 * x + 1.7929E-006
R = 0.9998
DL = 1.013
BEC = 0.39

Weight: <None>
Min Conc: 0

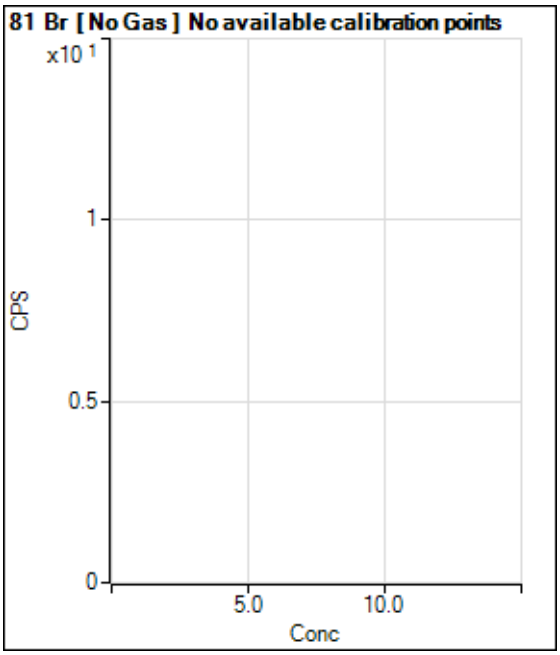


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.89	0.0001	P	23.2
2	☐	5.000	4.427	190.00	0.0002	P	4.5
3	☐	50.000	53.462	1104.50	0.0009	P	6.0
4	☐	125.000	129.418	2433.56	0.0020	P	8.1
5	☐	250.000	259.883	4599.64	0.0040	P	1.9
6	☐	500.000	505.576	8713.75	0.0077	P	3.3
7	☐	1000.000	994.019	17048.80	0.0151	P	1.2
8	☐			103.34	0.0001	P	30.0

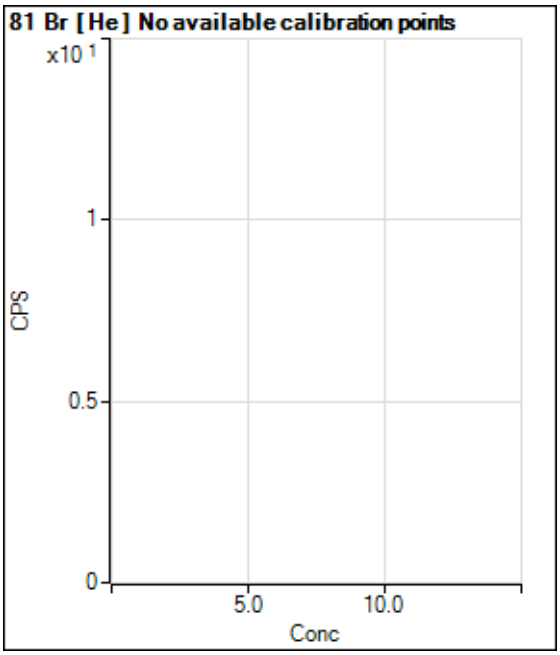
y = 1.5075E-005 * x + 8.6989E-005
R = 0.9999
DL = 4.018
BEC = 5.77

Weight: <None>
Min Conc: 0

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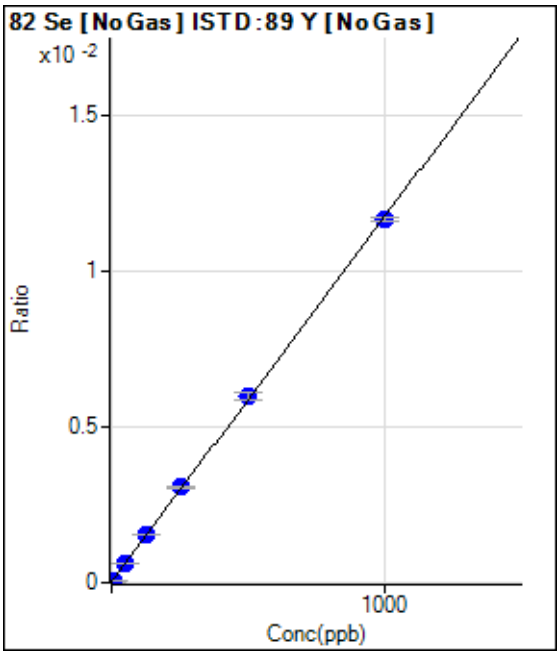


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7865.50		P	0.7
2	☐			7815.48		P	2.1
3	☐			7301.87		P	1.3
4	☐			6781.62		P	1.3
5	☐			6492.60		P	2.8
6	☐			6163.56		P	1.9
7	☐			6238.04		P	3.0
8	☐			6348.10		P	1.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			34.45		P	39.1
2	☐			43.34		P	13.3
3	☐			12.22		P	31.5
4	☐			22.22		P	8.7
5	☐			21.11		P	39.7
6	☐			21.11		P	71.2
7	☐			15.56		P	75.3
8	☐			23.34		P	24.7

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.62	0.0000	P	18.5
2	☐	5.000	4.879	405.31	0.0001	P	10.2
3	☐	50.000	52.066	3144.10	0.0006	P	2.6
4	☐	125.000	131.652	7490.14	0.0016	P	0.7
5	☐	250.000	260.029	14125.45	0.0031	P	1.6
6	☐	500.000	509.042	27040.65	0.0060	P	3.5
7	☐	1000.000	992.037	52582.63	0.0116	P	1.2
8	☐			141.89	0.0000	P	9.6

y = 1.1712E-005 * x + 2.5107E-005

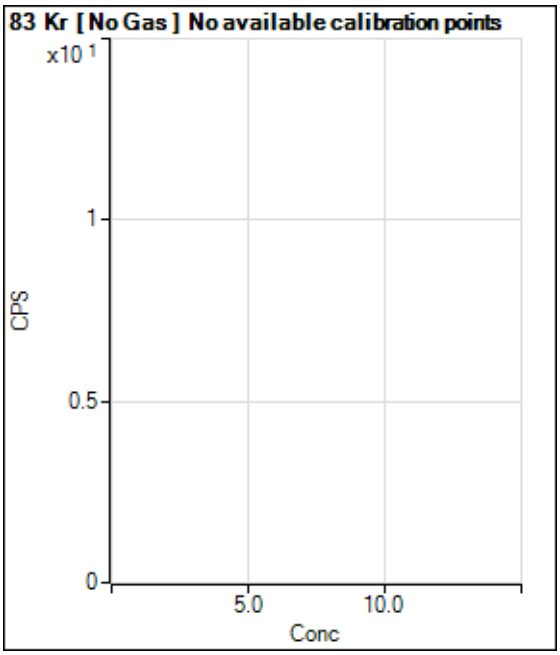
R = 0.9999

DL = 1.187

BEC = 2.144

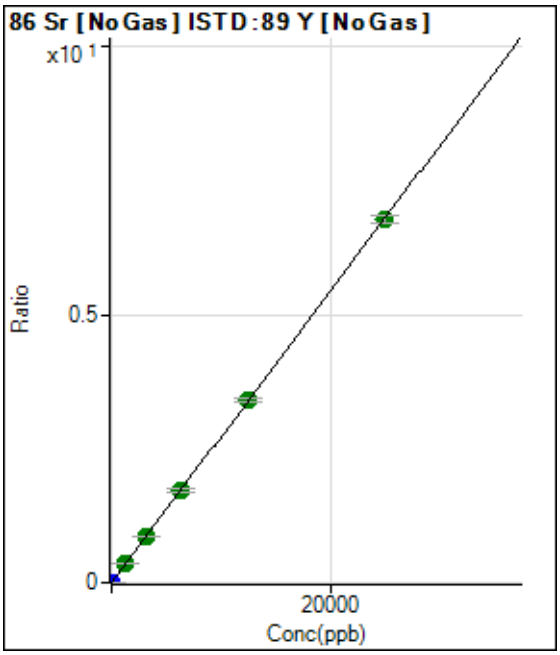
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			63.34		P	18.2
2	☐			70.00		P	21.8
3	☐			67.78		P	28.4
4	☐			78.89		P	28.1
5	☐			67.78		P	27.1
6	☐			91.11		P	2.1
7	☐			66.67		P	18.0
8	☐			95.56		P	10.1

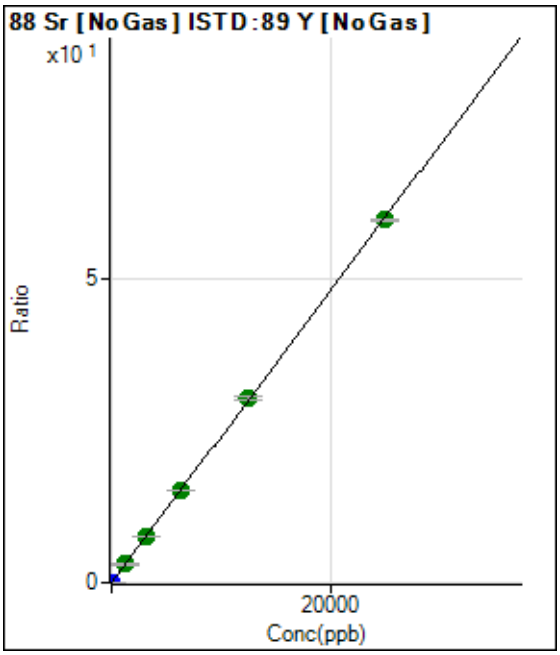
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.67	0.0000	P	11.2
2	☐	1.000	1.007	1486.76	0.0003	P	7.1
3	☐	1250.000	1270.922	1707825.62	0.3449	A	1.1
4	☐	3125.000	3214.612	4169045.94	0.8722	A	1.0
5	☐	6250.000	6341.609	7914713.28	1.7206	A	2.3
6	☐	12500.000	12578.819	15418109.07	3.4129	A	2.0
7	☐	25000.000	24925.441	30539624.27	6.7627	A	2.0
8	☐			5199.85	0.0012	P	1.0

y = 2.7132E-004 * x + 2.8658E-005
R = 1.0000
DL = 0.03556
BEC = 0.1056

Weight: <None>
Min Conc: 0

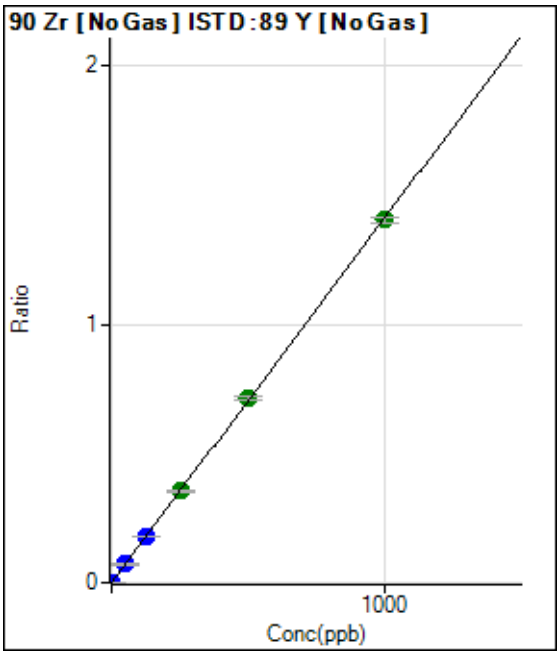


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	167.78	0.0000	P	9.3
2	☐	1.000	0.981	11736.98	0.0024	P	1.8
3	☐	1250.000	1254.428	14859798.11	3.0005	A	0.5
4	☐	3125.000	3175.559	36305130.02	7.5955	A	0.2
5	☐	6250.000	6343.291	69797016.18	15.1723	A	1.7
6	☐	12500.000	12645.892	136638035.7	30.2473	A	2.4
7	☐	25000.000	24897.190	268932924.8	59.5507	A	0.8
8	☐			44341.12	0.0105	P	4.3

y = 0.0024 * x + 3.4991E-005
R = 1.0000
DL = 0.004098
BEC = 0.01463

Weight: <None>
Min Conc: 0

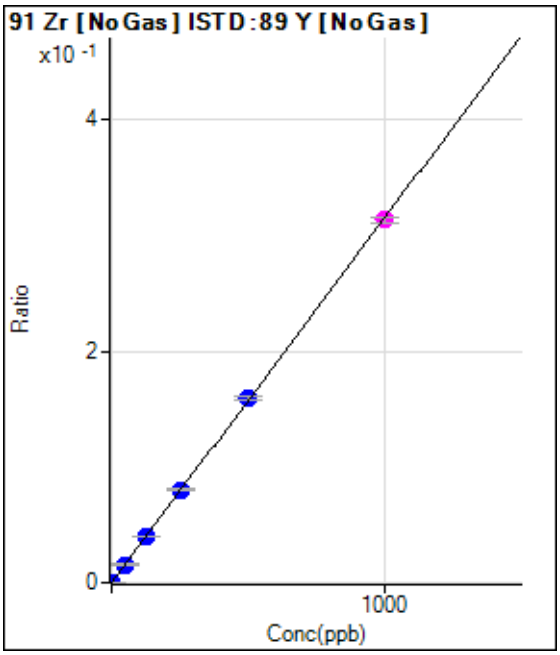
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	176.67	0.0000	P	19.7
2	☐	1.000	0.967	6902.78	0.0014	P	2.7
3	☐	50.000	50.210	350803.25	0.0708	P	1.4
4	☐	125.000	127.590	860100.55	0.1799	P	0.5
5	☐	250.000	253.053	1641544.21	0.3569	A	2.2
6	☐	500.000	506.653	3227592.42	0.7145	A	2.1
7	☐	1000.000	995.576	6339859.56	1.4039	A	1.3
8	☐			3791.64	0.0009	P	1.1

y = 0.0014 * x + 3.6769E-005
R = 1.0000
DL = 0.01541
BEC = 0.02608

Weight: <None>
Min Conc: 0

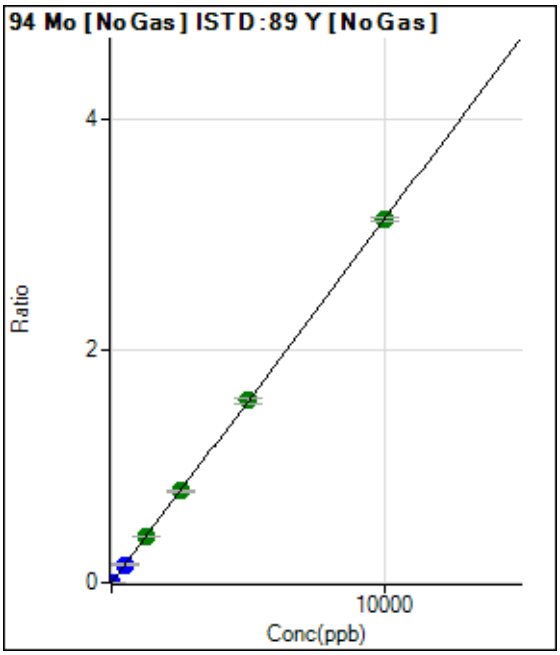


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	13.3
2	☐	1.000	0.998	1581.21	0.0003	P	5.2
3	☐	50.000	50.074	78187.73	0.0158	P	0.5
4	☐	125.000	127.605	192248.75	0.0402	P	0.5
5	☐	250.000	254.640	369192.55	0.0803	P	1.9
6	☐	500.000	506.741	721411.99	0.1597	P	2.9
7	☐	1000.000	995.140	1416342.53	0.3136	M	1.3
8	☐			805.59	0.0002	P	0.5

y = 3.1515E-004 * x + 6.4867E-006
R = 1.0000
DL = 0.008231
BEC = 0.02058

Weight: <None>
Min Conc: 0

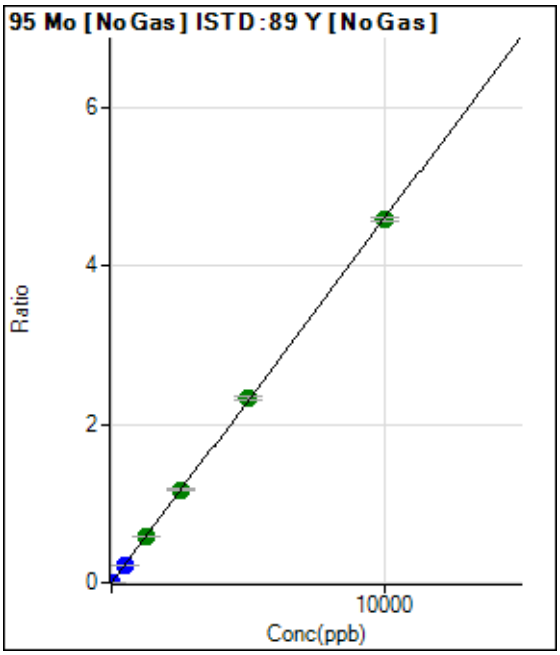
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.66	0.0000	P	5.6
2	☐	5.000	5.253	8202.36	0.0017	P	3.2
3	☐	500.000	501.638	778872.46	0.1573	P	0.9
4	☐	1250.000	1273.245	1907842.09	0.3992	A	1.0
5	☐	2500.000	2522.164	3637324.53	0.7907	A	1.5
6	☐	5000.000	5015.439	7101864.96	1.5723	A	3.2
7	☐	10000.000	9983.752	14133879.37	3.1297	A	1.0
8	☐			3707.17	0.0009	P	1.1

y = 3.1348E-004 * x + 1.8117E-005
R = 1.0000
DL = 0.009767
BEC = 0.05779

Weight: <None>
Min Conc: 0

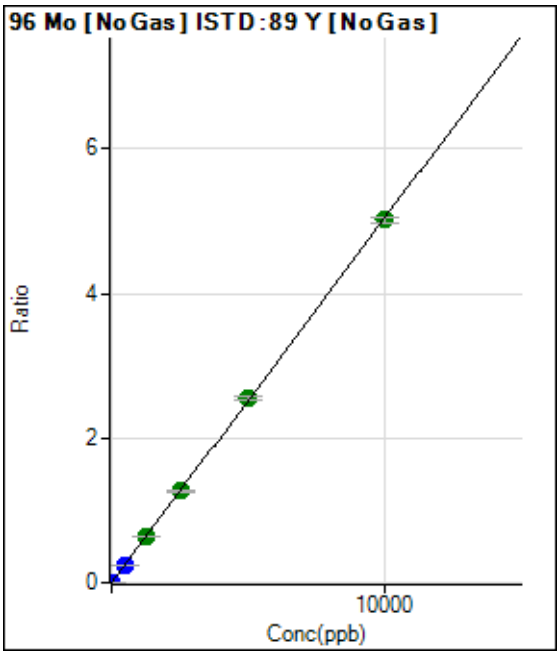


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0000	P	27.5
2	☐	5.000	4.386	9989.05	0.0020	P	0.6
3	☐	500.000	497.570	1132965.71	0.2288	P	1.2
4	☐	1250.000	1263.868	2777460.34	0.5811	A	0.5
5	☐	2500.000	2550.911	5394877.70	1.1728	A	2.4
6	☐	5000.000	5052.967	10494544.29	2.3232	A	2.4
7	☐	10000.000	9959.177	20678088.03	4.5789	A	1.1
8	☐			3570.47	0.0008	P	2.2

y = 4.5976E-004 * x + 1.0766E-005
R = 1.0000
DL = 0.0193
BEC = 0.02342

Weight: <None>
Min Conc: 0

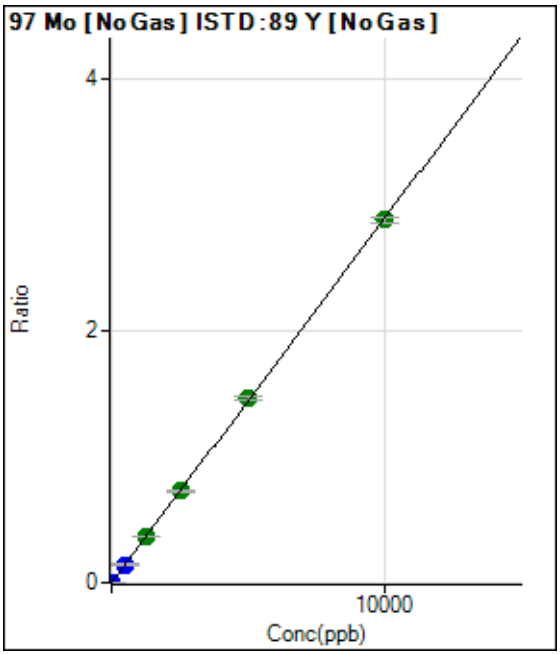
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0000	P	3.1
2	☐	5.000	4.486	11191.04	0.0023	P	2.0
3	☐	500.000	498.026	1242857.12	0.2510	P	1.0
4	☐	1250.000	1272.638	3065225.44	0.6413	A	0.2
5	☐	2500.000	2517.082	5834991.09	1.2683	A	1.2
6	☐	5000.000	5071.147	11543593.30	2.5553	A	2.3
7	☐	10000.000	9957.425	22658499.94	5.0175	A	1.4
8	☐			7145.15	0.0017	P	4.7

y = 5.0389E-004 * x + 1.0671E-005
R = 1.0000
DL = 0.001954
BEC = 0.02118

Weight: <None>
Min Conc: 0

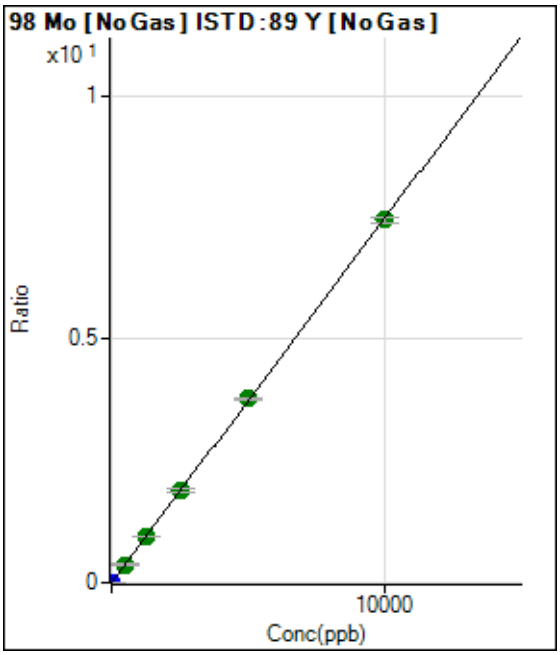


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.66	0.0000	P	40.4
2	☐	5.000	4.440	6357.00	0.0013	P	2.4
3	☐	500.000	500.354	716966.26	0.1448	P	1.1
4	☐	1250.000	1266.350	1751274.77	0.3664	A	0.6
5	☐	2500.000	2520.641	3354973.77	0.7293	A	1.6
6	☐	5000.000	5056.740	6609473.30	1.4631	A	2.1
7	☐	10000.000	9964.408	13019250.92	2.8830	A	1.7
8	☐			2245.75	0.0005	P	5.8

y = 2.8933E-004 * x + 5.5048E-006
R = 1.0000
DL = 0.02303
BEC = 0.01903

Weight: <None>
Min Conc: 0

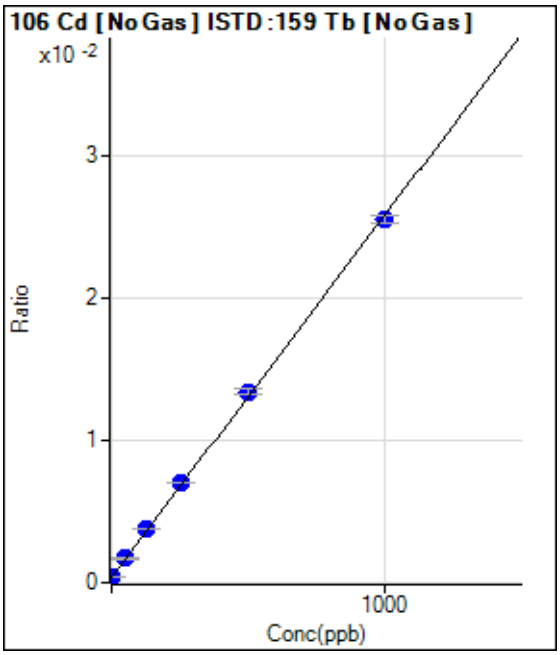
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0000	P	20.3
2	☐	5.000	4.406	16273.62	0.0033	P	1.4
3	☐	500.000	500.534	1851696.61	0.3739	A	0.8
4	☐	1250.000	1270.914	4537630.00	0.9493	A	0.3
5	☐	2500.000	2537.151	8717513.76	1.8951	A	2.4
6	☐	5000.000	5044.712	17023750.44	3.7682	A	1.9
7	☐	10000.000	9965.715	33615790.33	7.4439	A	1.9
8	☐			5421.05	0.0013	P	2.2

y = 7.4695E-004 * x + 1.1426E-005
R = 1.0000
DL = 0.009309
BEC = 0.0153

Weight: <None>
Min Conc: 0

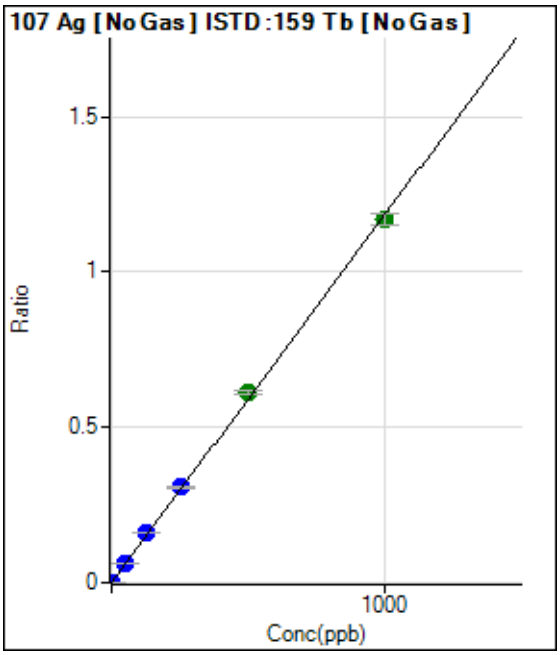


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1422.31	0.0004	P	3.8
2	☐	1.000	1.501	1605.66	0.0004	P	9.2
3	☐	50.000	52.595	6919.49	0.0017	P	3.0
4	☐	125.000	134.421	15117.94	0.0038	P	2.4
5	☐	250.000	262.795	28062.70	0.0071	P	0.8
6	☐	500.000	514.428	53101.01	0.0135	P	2.5
7	☐	1000.000	988.279	102309.15	0.0255	P	2.3
8	☐			1268.96	0.0003	P	7.3

y = 2.5465E-005 * x + 3.5789E-004
R = 0.9997
DL = 1.585
BEC = 14.05

Weight: <None>
Min Conc: 0

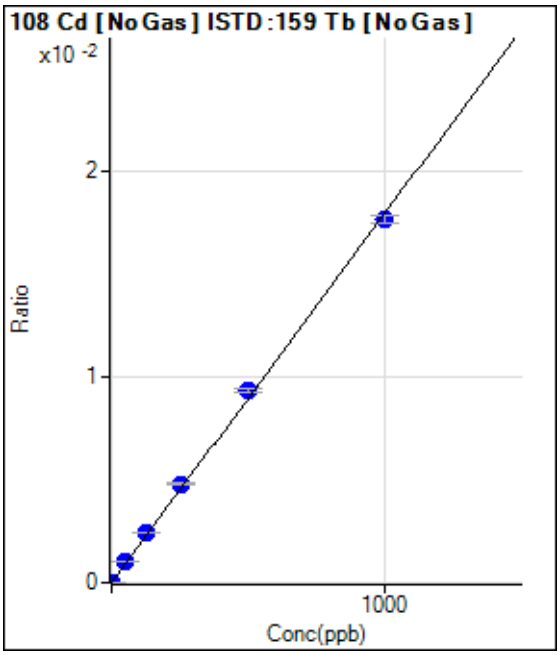
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	56.6
2	☐	1.000	1.026	4946.45	0.0012	P	2.2
3	☐	50.000	54.447	262481.41	0.0644	P	0.9
4	☐	125.000	134.833	637467.79	0.1594	P	0.7
5	☐	250.000	260.065	1223791.42	0.3075	P	1.3
6	☐	500.000	517.354	2413527.20	0.6116	A	2.2
7	☐	1000.000	987.355	4678451.39	1.1673	A	3.0
8	☐			595.57	0.0002	P	9.5

y = 0.0012 * x + 7.7103E-006
R = 0.9997
DL = 0.01107
BEC = 0.006522

Weight: <None>
Min Conc: 0

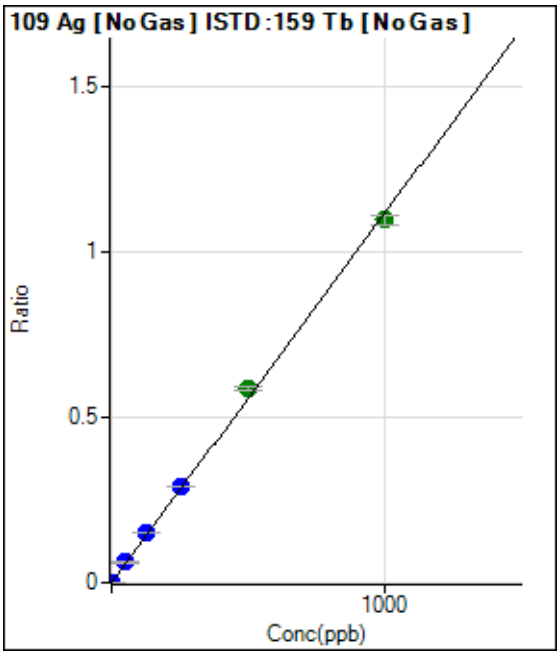


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	46.6
2	☐	1.000	1.026	81.11	0.0000	P	6.2
3	☐	50.000	56.140	4100.62	0.0010	P	2.5
4	☐	125.000	135.823	9721.12	0.0024	P	1.2
5	☐	250.000	267.679	19061.47	0.0048	P	1.8
6	☐	500.000	520.391	36732.03	0.0093	P	1.7
7	☐	1000.000	983.725	70527.92	0.0176	P	2.0
8	☐			35.56	0.0000	P	26.1

y = 1.7885E-005 * x + 1.6546E-006
R = 0.9995
DL = 0.1294
BEC = 0.09252

Weight: <None>
Min Conc: 0

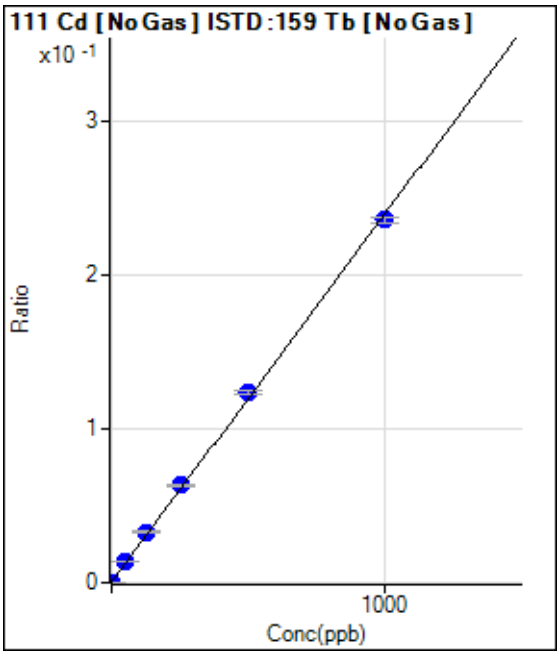
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	53.9
2	☐	1.000	0.993	4504.08	0.0011	P	1.1
3	☐	50.000	54.761	249233.05	0.0611	P	1.5
4	☐	125.000	135.498	604824.17	0.1513	P	0.8
5	☐	250.000	259.524	1153078.23	0.2897	P	0.9
6	☐	500.000	525.962	2316654.46	0.5871	A	2.0
7	☐	1000.000	983.088	4398498.65	1.0974	A	2.3
8	☐			540.01	0.0001	P	8.2

y = 0.0011 * x + 3.0644E-006
R = 0.9994
DL = 0.004443
BEC = 0.002745

Weight: <None>
Min Conc: 0

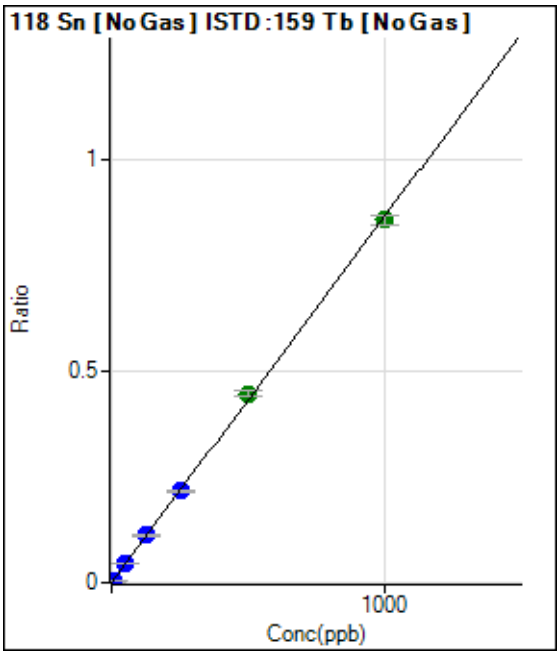


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	992.06	0.0002	P	3.6
2	☐	1.000	1.196	2171.68	0.0005	P	4.4
3	☐	50.000	54.737	54403.32	0.0133	P	1.2
4	☐	125.000	137.005	132050.76	0.0330	P	1.1
5	☐	250.000	263.653	252020.26	0.0633	P	1.5
6	☐	500.000	518.098	490021.92	0.1242	P	2.0
7	☐	1000.000	985.800	946233.49	0.2361	P	1.8
8	☐			1082.28	0.0003	P	8.7

y = 2.3921E-004 * x + 2.4966E-004
R = 0.9996
DL = 0.1123
BEC = 1.044

Weight: <None>
Min Conc: 0

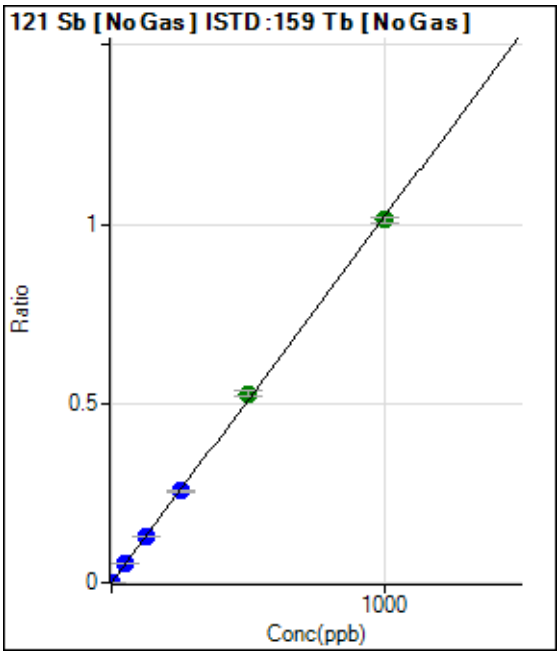
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	746.69	0.0002	P	10.1
2	☐	5.000	4.832	17722.10	0.0044	P	1.0
3	☐	50.000	51.580	182858.48	0.0449	P	2.1
4	☐	125.000	128.861	446924.57	0.1118	P	1.1
5	☐	250.000	250.209	863064.71	0.2168	P	1.4
6	☐	500.000	516.267	1764514.28	0.4472	A	2.8
7	☐	1000.000	991.253	3441048.25	0.8585	A	2.6
8	☐			2139.07	0.0006	P	7.7

y = 8.6588E-004 * x + 1.8875E-004
R = 0.9998
DL = 0.06589
BEC = 0.218

Weight: <None>
Min Conc: 0

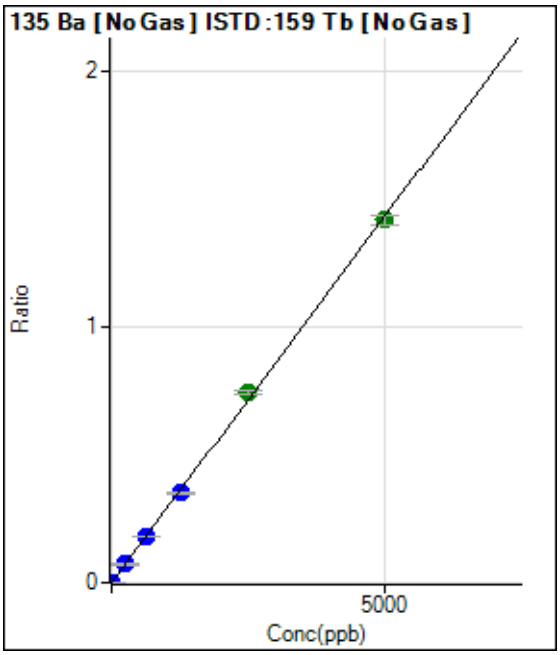


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	65.5
2	☐	2.000	2.013	8339.15	0.0021	P	1.5
3	☐	50.000	50.874	211751.09	0.0519	P	1.6
4	☐	125.000	128.013	522564.30	0.1307	P	1.0
5	☐	250.000	250.096	1016179.64	0.2553	P	1.4
6	☐	500.000	516.638	2080961.43	0.5274	A	2.6
7	☐	1000.000	991.236	4056211.33	1.0119	A	1.8
8	☐			2916.99	0.0008	P	3.8

y = 0.0010 * x + 2.8512E-006
R = 0.9998
DL = 0.005491
BEC = 0.002793

Weight: <None>
Min Conc: 0

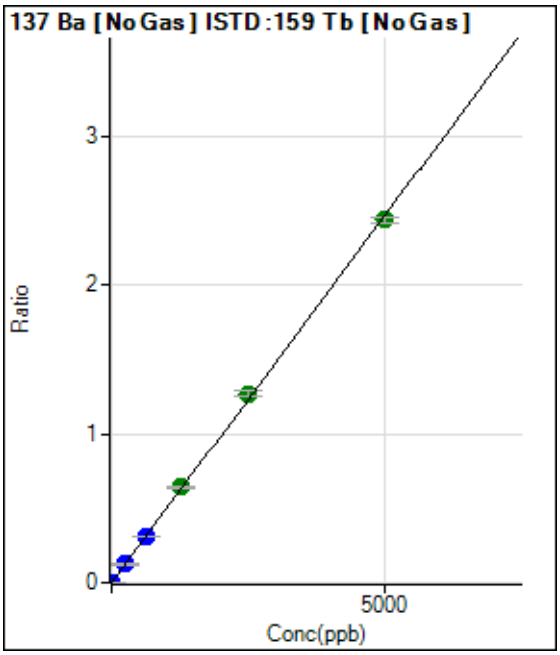
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	47.5
2	☐	10.000	9.670	11222.28	0.0028	P	3.1
3	☐	250.000	249.688	290806.00	0.0713	P	1.1
4	☐	625.000	624.816	713642.83	0.1785	P	1.3
5	☐	1250.000	1222.649	1390013.00	0.3492	P	1.2
6	☐	2500.000	2599.541	2929845.24	0.7425	A	2.0
7	☐	5000.000	4957.107	5674869.36	1.4159	A	2.5
8	☐			2854.76	0.0008	P	5.0

y = 2.8563E-004 * x + 7.1093E-006
R = 0.9997
DL = 0.03547
BEC = 0.02489

Weight: <None>
Min Conc: 0

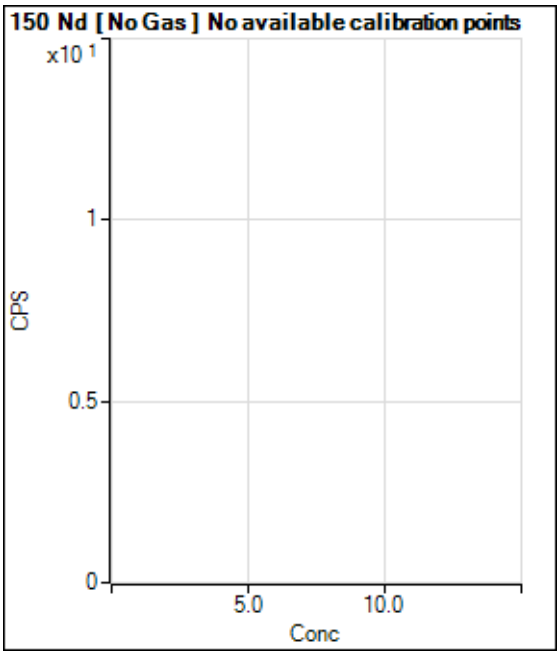


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	25.8
2	☐	10.000	9.451	18913.75	0.0047	P	1.4
3	☐	250.000	249.558	501226.32	0.1229	P	1.3
4	☐	625.000	627.983	1236936.53	0.3093	P	1.0
5	☐	1250.000	1305.680	2559871.16	0.6431	A	1.1
6	☐	2500.000	2573.464	5001546.00	1.2676	A	2.9
7	☐	5000.000	4948.999	9771489.78	2.4377	A	1.5
8	☐			5029.83	0.0013	P	2.5

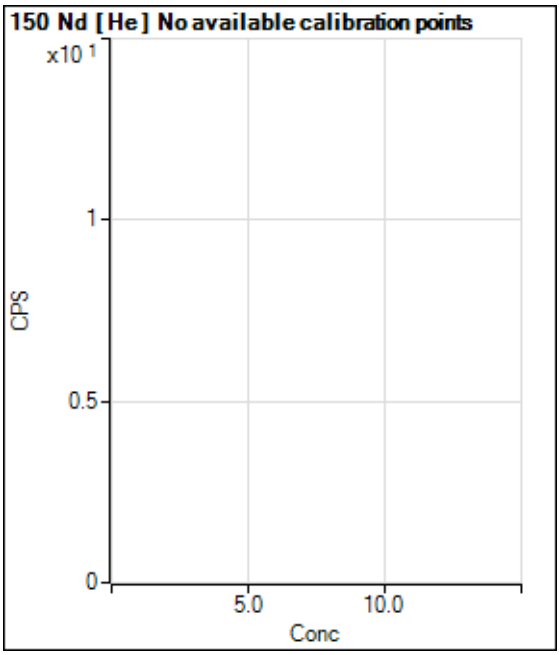
y = 4.9256E-004 * x + 1.1212E-005
R = 0.9998
DL = 0.01765
BEC = 0.02276

Weight: <None>
Min Conc: 0

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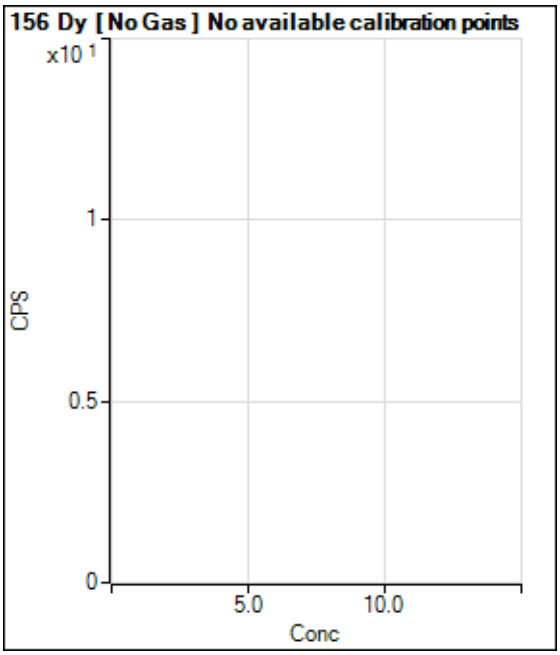


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	173.
2	☐			2.22		P	86.6
3	☐			24.44		P	41.7
4	☐			54.44		P	27.6
5	☐			110.00		P	29.8
6	☐			258.90		P	7.4
7	☐			445.57		P	2.3
8	☐			103.34		P	22.6

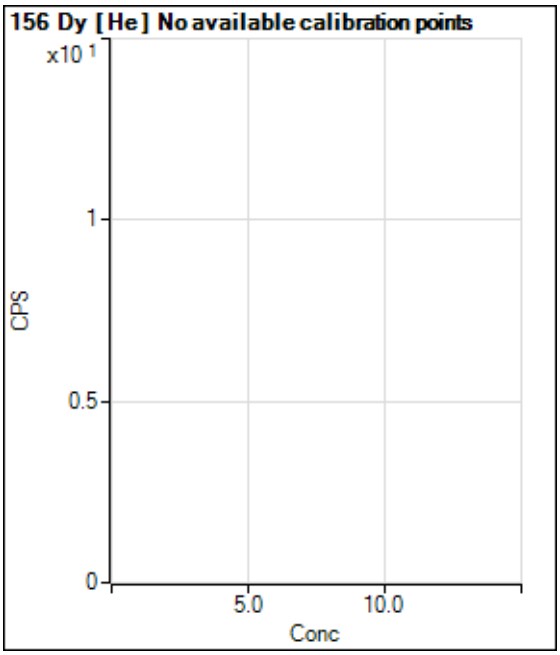


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			3.33		P	173.
4	☐			8.89		P	21.6
5	☐			24.45		P	43.8
6	☐			46.67		P	51.5
7	☐			86.67		P	44.4
8	☐			62.22		P	35.7

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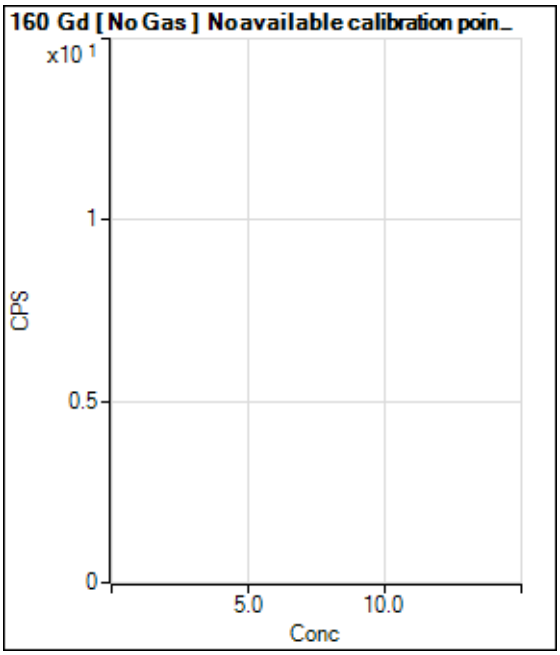


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7.78		P	99.0
2	☐			12.22		P	56.8
3	☐			18.89		P	53.9
4	☐			23.33		P	28.6
5	☐			38.89		P	35.7
6	☐			77.78		P	13.1
7	☐			124.44		P	15.5
8	☐			165.56		P	17.4

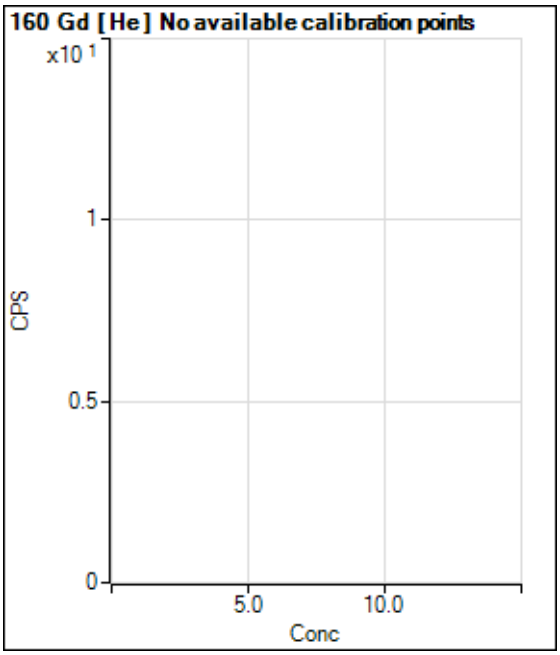


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐			5.55		P	69.3
3	☐			18.89		P	27.0
4	☐			28.89		P	17.6
5	☐			62.22		P	8.2
6	☐			121.11		P	26.0
7	☐			276.67		P	7.5
8	☐			114.45		P	37.5

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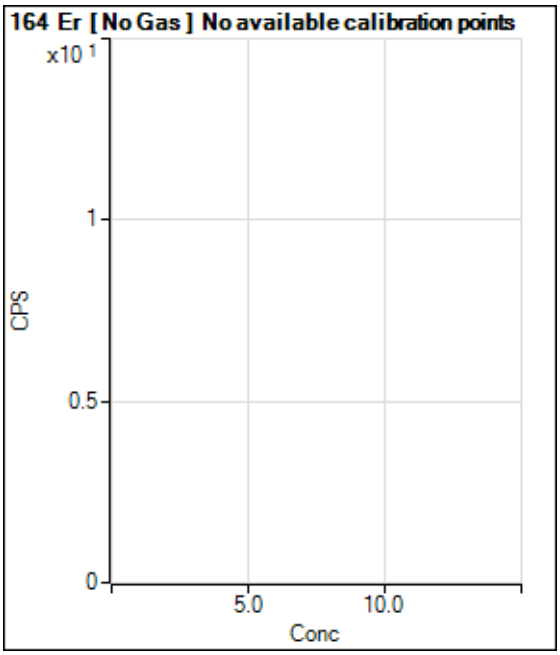


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	17.3
2	☐			20.00		P	101.
3	☐			11.11		P	17.3
4	☐			22.22		P	43.3
5	☐			22.22		P	34.7
6	☐			35.55		P	30.1
7	☐			61.11		P	17.5
8	☐			133.33		P	34.7

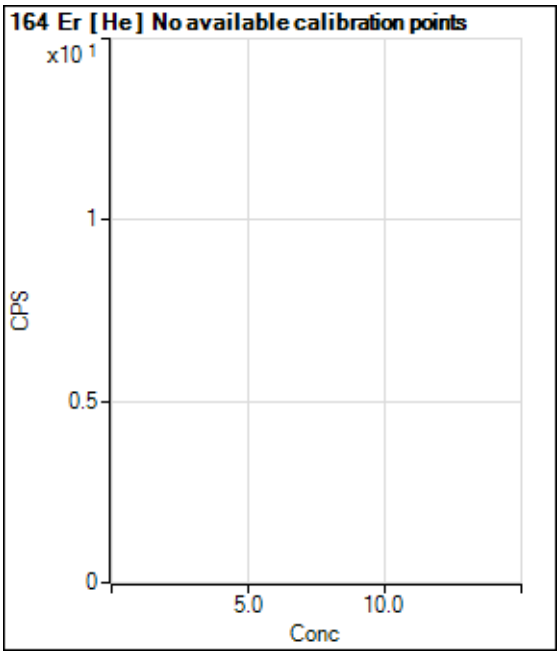


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			105.56		P	20.5
2	☐			110.00		P	31.6
3	☐			105.56		P	14.9
4	☐			114.45		P	13.8
5	☐			121.11		P	15.7
6	☐			130.00		P	11.2
7	☐			121.12		P	11.1
8	☐			146.67		P	17.2

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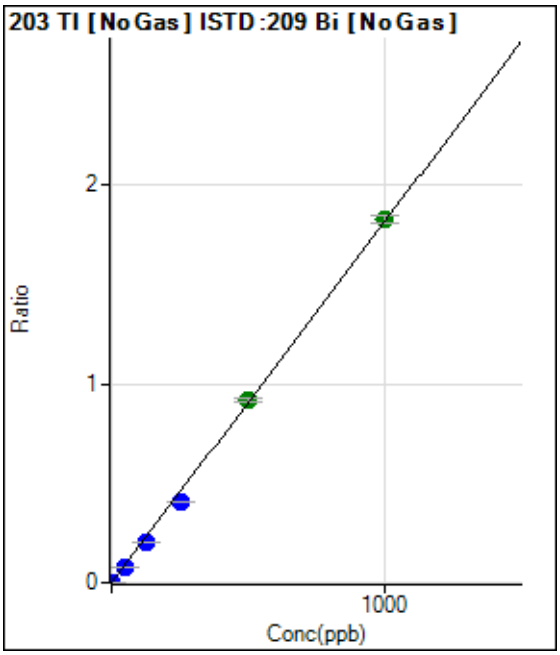


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16.67		P	20.0
2	☐			12.22		P	41.7
3	☐			17.78		P	10.8
4	☐			18.89		P	20.4
5	☐			28.89		P	13.3
6	☐			35.55		P	37.9
7	☐			56.66		P	40.8
8	☐			183.34		P	25.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	57.3
2	☐			4.44		P	43.4
3	☐			10.00		P	66.7
4	☐			8.89		P	43.3
5	☐			14.44		P	81.1
6	☐			24.44		P	31.5
7	☐			38.89		P	17.8
8	☐			121.11		P	34.9

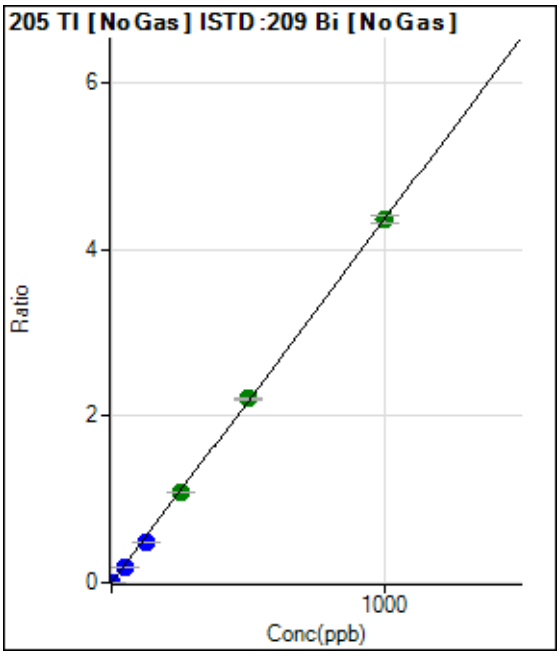
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0000	P	10.5
2	☐	1.000	0.839	3660.54	0.0015	P	4.2
3	☐	50.000	44.832	195514.08	0.0815	P	1.1
4	☐	125.000	112.771	486539.45	0.2049	P	1.2
5	☐	250.000	223.454	963045.34	0.4061	P	1.5
6	☐	500.000	506.215	2162027.21	0.9199	A	2.8
7	☐	1000.000	1005.316	4293133.44	1.8269	A	2.1
8	☐			444.46	0.0002	P	8.1

y = 0.0018 * x + 1.3886E-005
R = 0.9996
DL = 0.00241
BEC = 0.007641

Weight: <None>
Min Conc: 0

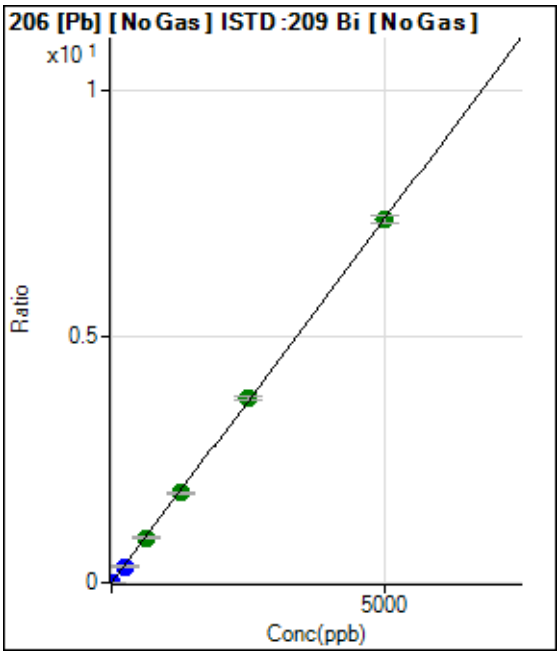


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.56	0.0000	P	49.7
2	☐	1.000	0.855	8930.79	0.0038	P	2.9
3	☐	50.000	44.083	460877.89	0.1921	P	1.2
4	☐	125.000	111.882	1157242.15	0.4875	P	1.4
5	☐	250.000	249.699	2580072.46	1.0879	A	1.4
6	☐	500.000	506.644	5188388.01	2.2074	A	1.5
7	☐	1000.000	998.689	10224531.10	4.3511	A	2.2
8	☐			1092.28	0.0005	P	13.8

y = 0.0044 * x + 2.8765E-005
R = 0.9999
DL = 0.00984
BEC = 0.006602

Weight: <None>
Min Conc: 0

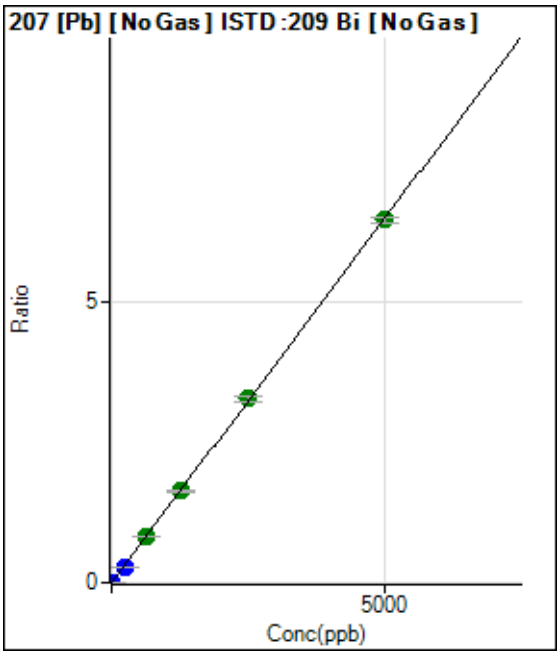
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	395.57	0.0002	P	19.6
2	☐	1.000	0.797	3207.07	0.0013	P	1.1
3	☐	250.000	223.691	793352.21	0.3307	P	1.4
4	☐	625.000	619.680	2173769.67	0.9157	A	1.7
5	☐	1250.000	1236.028	4330978.93	1.8263	A	2.1
6	☐	2500.000	2531.391	8790153.83	3.7401	A	2.5
7	☐	5000.000	4989.778	17324041.41	7.3722	A	1.9
8	☐			3436.02	0.0017	P	5.1

y = 0.0015 * x + 1.7148E-004
R = 1.0000
DL = 0.06831
BEC = 0.1161

Weight: <None>
Min Conc: 0

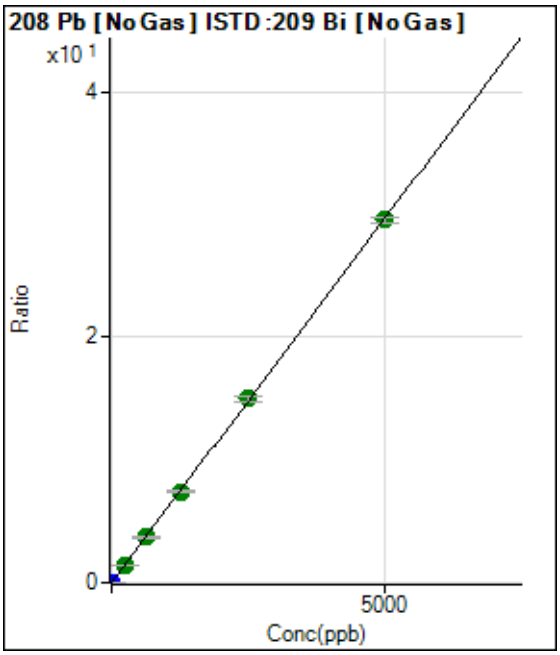


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	356.68	0.0002	P	6.8
2	☐	1.000	0.788	2794.76	0.0012	P	3.9
3	☐	250.000	220.604	686458.32	0.2861	P	1.7
4	☐	625.000	627.458	1931383.57	0.8135	A	0.5
5	☐	1250.000	1263.469	3884207.13	1.6379	A	2.1
6	☐	2500.000	2526.587	7696978.22	3.2753	A	3.2
7	☐	5000.000	4984.502	15184062.41	6.4613	A	1.4
8	☐			3062.60	0.0015	P	8.0

y = 0.0013 * x + 1.5406E-004
R = 1.0000
DL = 0.02433
BEC = 0.1189

Weight: <None>
Min Conc: 0

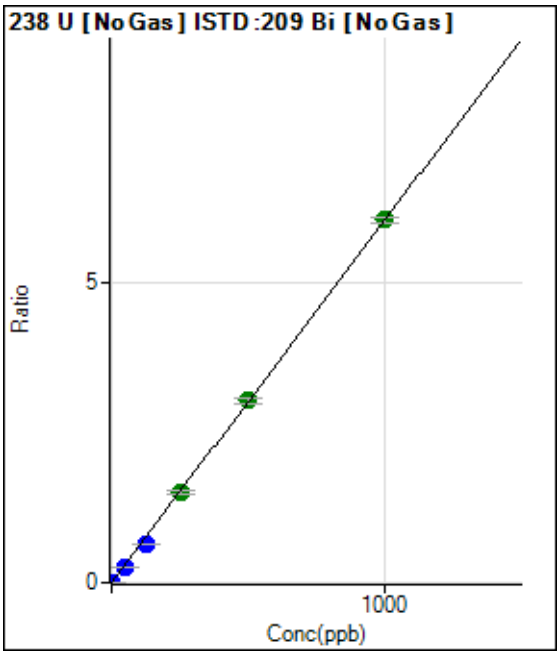
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1680.06	0.0007	P	7.0
2	☐	1.000	0.787	12833.60	0.0054	P	0.3
3	☐	250.000	235.168	3348564.49	1.3957	A	1.8
4	☐	625.000	622.010	8761213.75	3.6904	A	0.9
5	☐	1250.000	1248.108	17559309.11	7.4043	A	1.6
6	☐	2500.000	2528.048	35243427.46	14.9967	A	3.0
7	☐	5000.000	4987.565	69527116.05	29.5862	A	1.3
8	☐			13931.83	0.0068	P	4.6

y = 0.0059 * x + 7.2560E-004
R = 1.0000
DL = 0.02582
BEC = 0.1223

Weight: <None>
Min Conc: 0

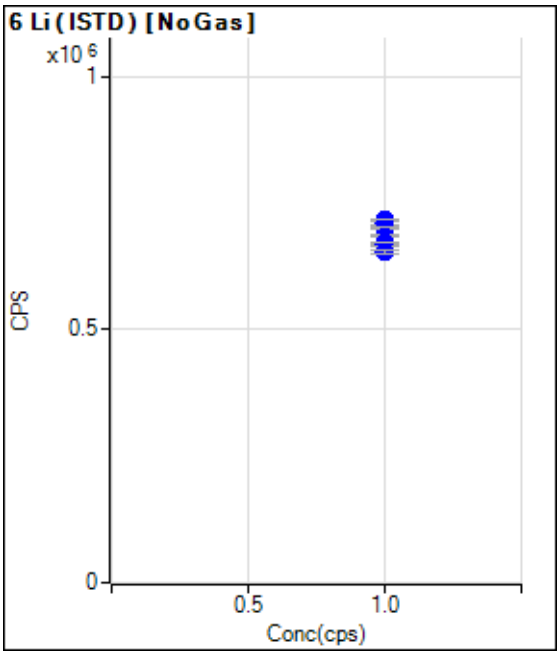


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	28.9
2	☐	1.000	0.792	11356.03	0.0048	P	1.4
3	☐	50.000	41.829	604736.29	0.2520	P	0.9
4	☐	125.000	107.456	1537083.92	0.6475	P	1.2
5	☐	250.000	249.359	3562977.45	1.5025	A	2.4
6	☐	500.000	501.910	7107465.38	3.0242	A	2.8
7	☐	1000.000	1001.807	14185154.65	6.0363	A	1.4
8	☐			692.25	0.0003	P	17.0

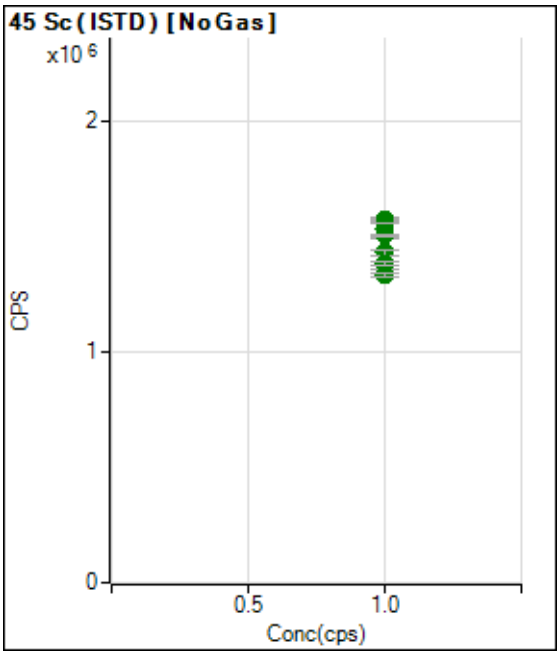
y = 0.0060 * x + 4.2679E-006
R = 0.9998
DL = 0.000615
BEC = 0.0007083

Weight: <None>
Min Conc: 0

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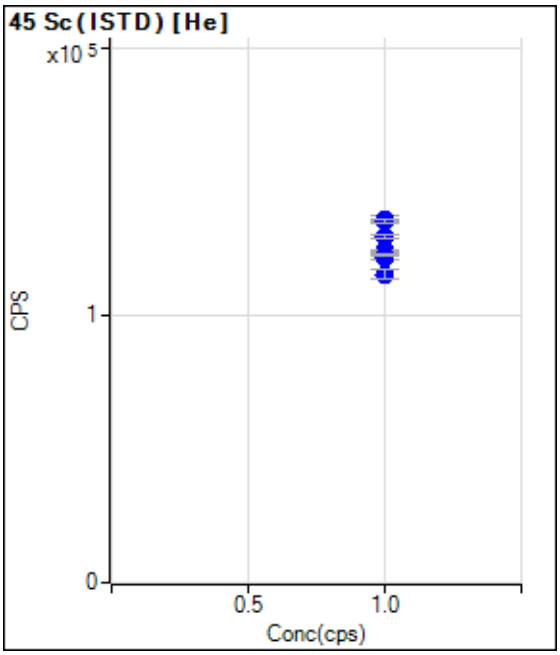


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		689626.08		P	4.4
2	☐	1.000		709518.52		P	0.9
3	☐	1.000		717028.03		P	0.2
4	☐	1.000		699973.28		P	0.6
5	☐	1.000		685831.78		P	0.8
6	☐	1.000		671393.70		P	0.9
7	☐	1.000		669582.18		P	0.9
8	☐	1.000		652468.93		P	1.0

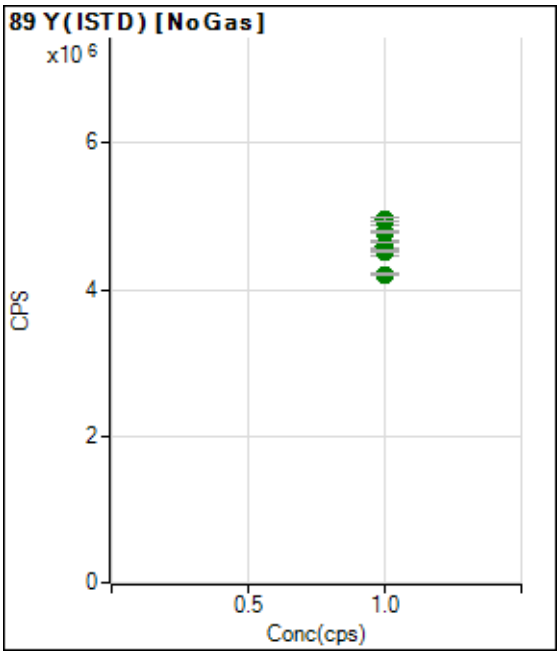


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1537426.78		A	6.1
2	☐	1.000		1573033.83		A	0.8
3	☐	1.000		1558245.97		A	0.4
4	☐	1.000		1506247.63		A	0.5
5	☐	1.000		1429936.16		A	1.8
6	☐	1.000		1377006.99		A	2.7
7	☐	1.000		1382939.02		A	0.8
8	☐	1.000		1332378.07		A	0.9

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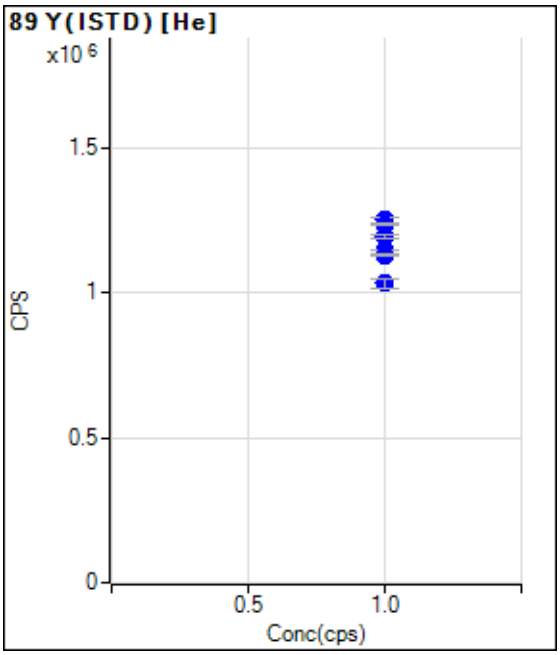


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1	☐	1.000		135807.75		P	2.2
2	☐	1.000		135738.99		P	0.4
3	☐	1.000		135304.21		P	1.0
4	☐	1.000		129632.94		P	1.0
5	☐	1.000		124212.87		P	0.6
6	☐	1.000		121542.41		P	1.0
7	☐	1.000		122522.31		P	0.4
8	☐	1.000		115352.34		P	2.8

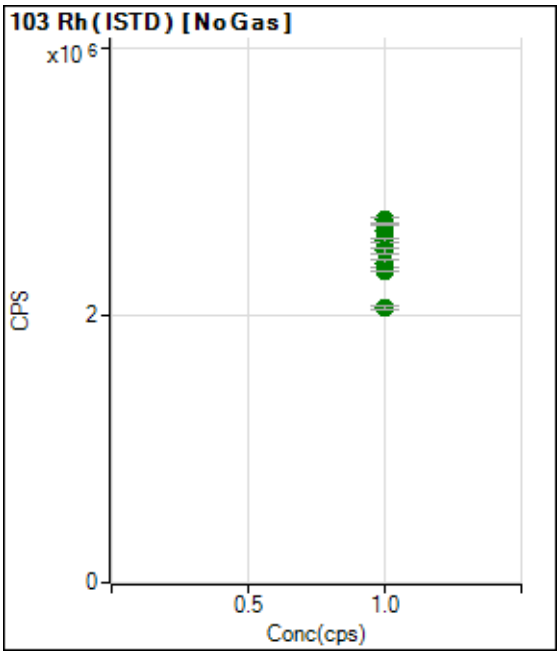


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4785223.85		A	4.5
2	☐	1.000		4927398.99		A	0.2
3	☐	1.000		4952656.14		A	0.9
4	☐	1.000		4779822.46		A	0.6
5	☐	1.000		4601054.66		A	1.6
6	☐	1.000		4519012.09		A	2.3
7	☐	1.000		4516164.72		A	0.6
8	☐	1.000		4209149.17		A	0.5

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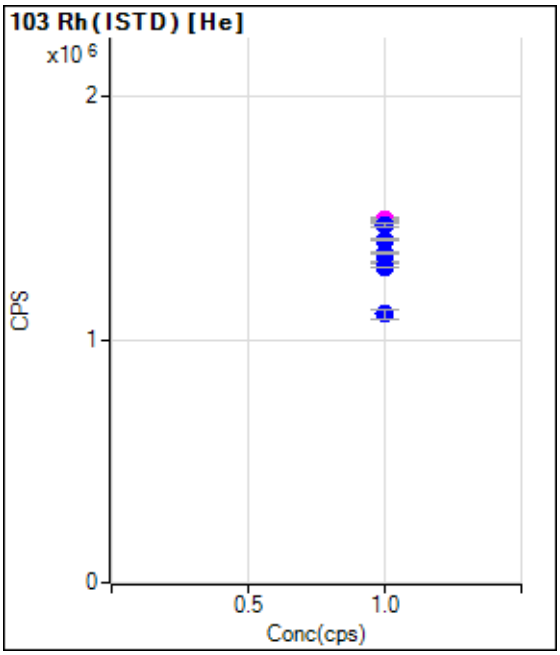


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1251877.37		P	1.9
2	☐	1.000		1235919.86		P	0.1
3	☐	1.000		1237304.16		P	0.8
4	☐	1.000		1194282.22		P	0.8
5	☐	1.000		1148590.78		P	0.2
6	☐	1.000		1130392.14		P	0.5
7	☐	1.000		1131180.17		P	0.2
8	☐	1.000		1031929.43		P	3.8

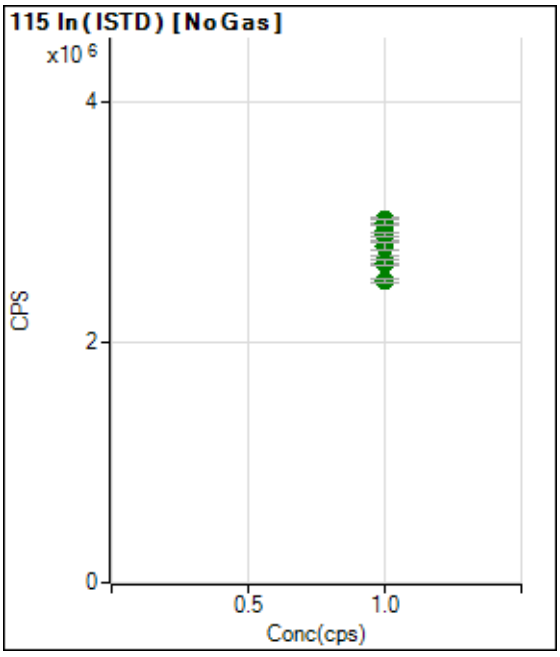


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2640539.98		A	4.5
2	☐	1.000		2717977.84		A	1.4
3	☐	1.000		2691414.72		A	0.7
4	☐	1.000		2562043.66		A	1.5
5	☐	1.000		2486477.36		A	1.6
6	☐	1.000		2392686.95		A	2.5
7	☐	1.000		2337037.22		A	0.3
8	☐	1.000		2064237.45		A	1.5

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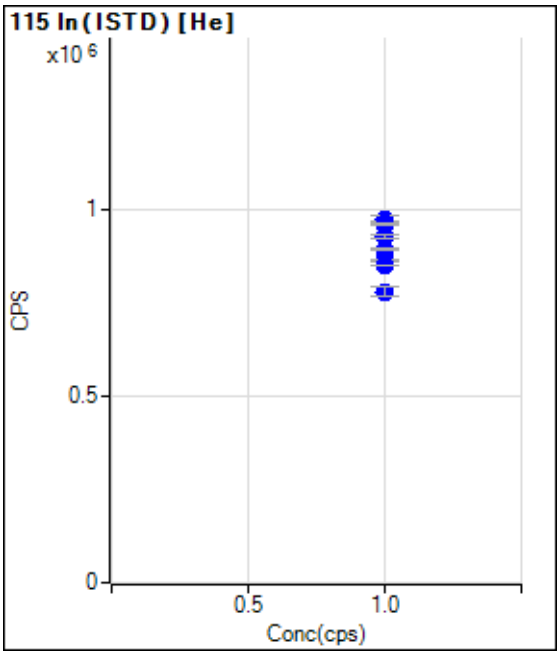


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1	☐	1.000		1489929.91		P	1.9
2	☐	1.000		1491820.19		M	0.3
3	☐	1.000		1472222.95		P	1.0
4	☐	1.000		1409642.06		P	0.6
5	☐	1.000		1352701.16		P	0.5
6	☐	1.000		1315784.01		P	1.1
7	☐	1.000		1298525.89		P	0.2
8	☐	1.000		1106398.84		P	3.6

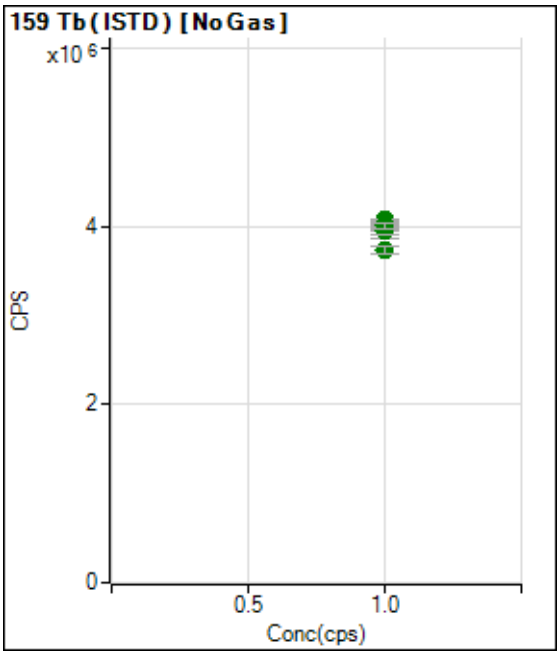


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2921663.09		A	4.7
2	☐	1.000		3016675.06		A	1.4
3	☐	1.000		2997082.59		A	1.2
4	☐	1.000		2900838.68		A	1.1
5	☐	1.000		2794426.48		A	2.3
6	☐	1.000		2689771.90		A	2.5
7	☐	1.000		2661996.12		A	1.3
8	☐	1.000		2506454.08		A	1.3

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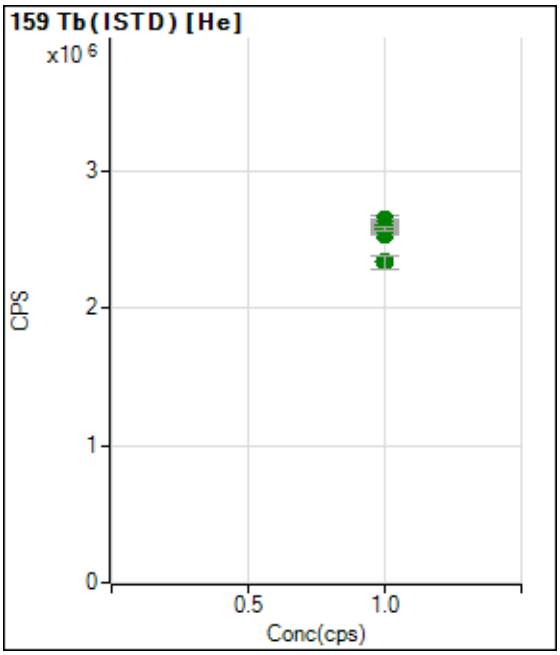


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1	☐	1.000		974296.63		P	2.1
2	☐	1.000		967494.76		P	0.3
3	☐	1.000		962205.47		P	0.5
4	☐	1.000		928696.20		P	0.8
5	☐	1.000		894866.26		P	0.7
6	☐	1.000		865274.37		P	0.6
7	☐	1.000		850363.61		P	0.2
8	☐	1.000		780312.28		P	3.3

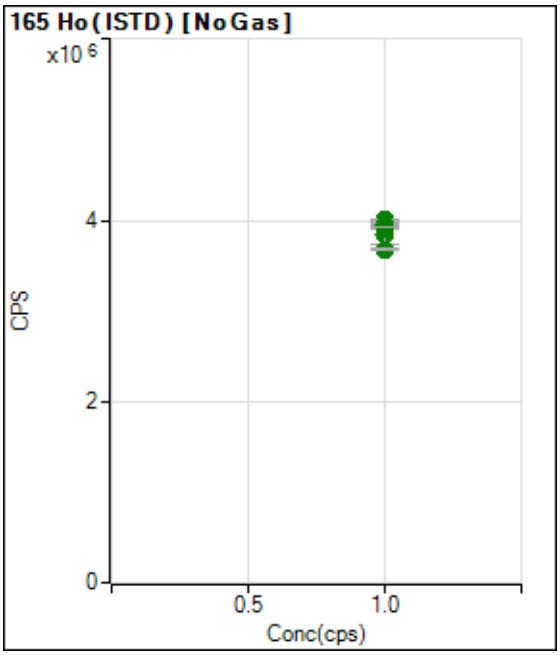


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3970396.57		A	5.4
2	☐	1.000		4053059.24		A	0.3
3	☐	1.000		4077400.46		A	0.7
4	☐	1.000		3998962.68		A	0.9
5	☐	1.000		3980498.58		A	0.8
6	☐	1.000		3946700.05		A	1.6
7	☐	1.000		4009227.44		A	1.9
8	☐	1.000		3742550.22		A	2.6

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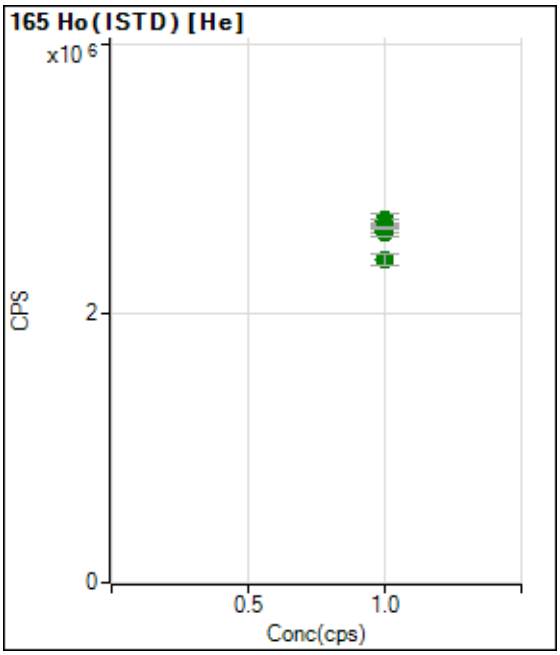


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2642343.26		A	2.8
2	☐	1.000		2647131.37		A	0.5
3	☐	1.000		2644014.37		A	0.5
4	☐	1.000		2607281.83		A	1.4
5	☐	1.000		2545439.09		A	0.7
6	☐	1.000		2575772.52		A	1.9
7	☐	1.000		2581242.84		A	1.1
8	☐	1.000		2336873.49		A	4.2

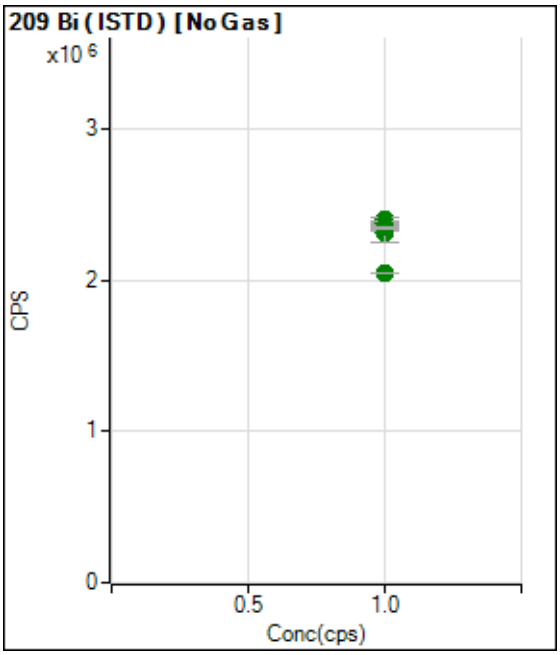


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3849416.96		A	6.2
2	☐	1.000		3947299.07		A	0.6
3	☐	1.000		4005517.48		A	0.5
4	☐	1.000		3938021.75		A	0.8
5	☐	1.000		3939629.42		A	1.0
6	☐	1.000		3910456.71		A	0.6
7	☐	1.000		3929824.73		A	0.2
8	☐	1.000		3681198.69		A	0.5

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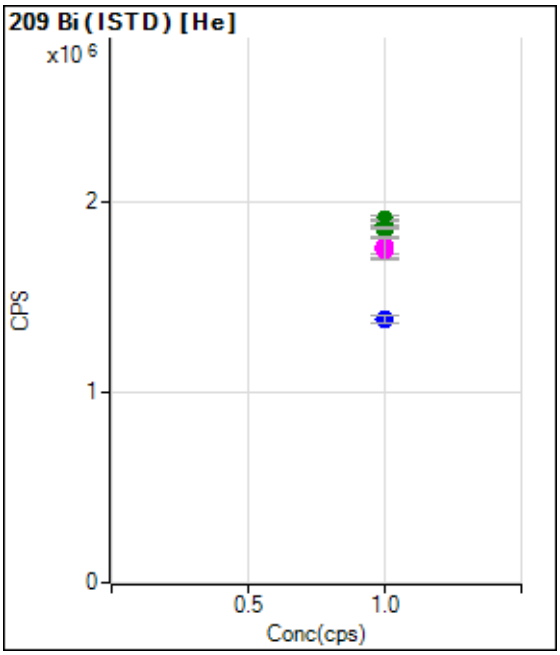


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2699428.80		A	3.3
2	☐	1.000		2687380.93		A	0.8
3	☐	1.000		2665877.91		A	0.9
4	☐	1.000		2647221.60		A	0.6
5	☐	1.000		2618055.59		A	1.5
6	☐	1.000		2605263.93		A	1.9
7	☐	1.000		2643841.14		A	0.7
8	☐	1.000		2405889.18		A	3.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2320958.84		A	5.6
2	☐	1.000		2378389.24		A	0.2
3	☐	1.000		2399497.26		A	1.1
4	☐	1.000		2374122.97		A	1.0
5	☐	1.000		2371791.63		A	1.2
6	☐	1.000		2350881.03		A	1.7
7	☐	1.000		2350089.93		A	0.7
8	☐	1.000		2047546.97		A	0.2

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1909624.42		A	2.7
2	☐	1.000		1900812.02		A	1.5
3	☐	1.000		1884802.18		A	1.8
4	☐	1.000		1866549.63		A	0.7
5	☐	1.000		1772714.02		M	5.1
6	☐	1.000		1761909.54		M	6.2
7	☐	1.000		1755972.47		M	6.1
8	☐	1.000		1385872.88		P	3.3

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7
ClientSampleId :TUNE025

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7101824-MS.b
Acq. Date-Time	2024-10-18 10:30:27
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		1794	17939.60			0.829	5.000
24		61289	612885.04			0.962	5.000
25		7659	76587.01			1.279	5.000
26		8583	85834.47			1.306	5.000
59		15373	153726.72			0.593	5.000
113		1386	13858.94			0.699	5.000
115		30397	303971.49			1.095	5.000
206		6656	66562.89			0.800	5.000
207		5581	55811.48			0.641	5.000
208		13563	135634.19			0.884	5.000
220		0	2.40			75.691	

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

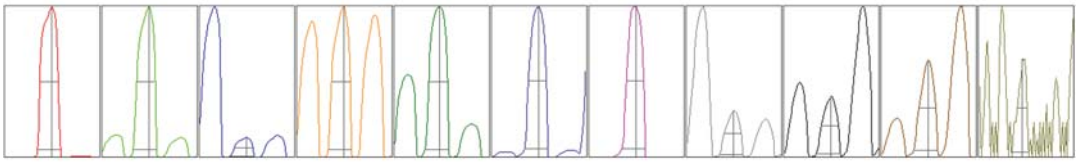
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1778	1805	1797	1779	1811
24	60267	61676	61525	61310	61664
25	7505	7707	7636	7680	7765
26	8433	8627	8563	8554	8740
59	15273	15510	15379	15309	15391
113	1383	1399	1390	1373	1384
115	30052	30808	30647	30093	30385
206	6563	6681	6675	6694	6669
207	5519	5609	5588	5593	5598
208	13356	13601	13601	13590	13668

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	3289.38	9.00	8.90 - 9.10	
24	108988.78	24.00	23.90 - 24.10	
25	13959.05	25.00	24.90 - 25.10	
26	15433.47	26.00	25.90 - 26.10	
59	26680.75	58.95	58.90 - 59.10	
113	2577.55	113.00	112.90 - 113.10	
115	57192.05	115.00	114.90 - 115.10	
206	13048.20	206.00	205.90 - 206.10	
207	10614.02	207.00	206.90 - 207.10	
208	26333.04	208.00	207.90 - 208.10	
220	0.55	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.731	0.900	
24	0.59	0.740	0.900	
25	0.58	0.736	0.900	
26	0.60	0.738	0.900	
59	0.60	0.754	0.900	
113	0.56	0.738	0.900	
115	0.54	0.743	0.900	
206	0.53	0.741	0.900	
207	0.54	0.761	0.900	
208	0.52	0.768	0.900	
220	0.31	0.535		

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

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.8 V	Deflect	17.0 V
Extract 2	-105.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 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	160 V		

QP Parameters

Mass Gain	135	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2399 V	Pulse HV	1788 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		5090	50903.01			0.935	
89		50854	508536.90			0.732	
205		16333	163330.88			0.537	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5174	5066	5081	5076	5055
89	51466	50919	50603	50741	50539
205	16447	16348	16218	16281	16372

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	8.3 V	Deflect	3.2 V

US EPA Tune Check Report

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7
ClientSampleId :TUNE025

Extract 2	-90.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-55 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	190 V		

QP Parameters

Mass Gain	135	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2399 V	Pulse HV	1788 V

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:46:13	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	-0.04	-0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.02	-0.03	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	0.04	0.00	-0.04	0.00	N/A	ppb
Cadmium	106-1	-0.15	0.59	-0.44	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.04	-0.03	0.00	N/A	ppb
Calcium	43-1	-0.92	-0.53	1.45	0.00	N/A	ppb
Calcium	44-1	-0.10	-0.69	0.80	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.05	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.04	-0.04	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.09	0.04	0.05	0.00	N/A	ppb
Iron	57-2	0.30	-2.41	2.11	0.00	N/A	ppb
Iron	54-2	-1.00	0.12	0.88	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:46:13	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.02	0.00	0.02	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.69	0.29	0.40	0.00	N/A	ppb
Manganese	55-2	0.00	0.02	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	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	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-16.17	-14.98	-17.58	-16.25		ppb
Potassium	39-2	-6.99	3.88	3.11	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.44	-0.10	-0.33	0.00	N/A	ppb
Selenium	77-2	-0.39	0.20	0.19	0.00	N/A	ppb
Selenium	78-2	-0.07	-1.31	1.37	0.00	N/A	ppb
Silicon	28-1	-3.60	-3.84	7.44	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	-0.95	0.30	0.65	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-115.00	-193.06	622.11	104.68	429.67	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	-0.01	-0.02	0.03	0.00	N/A	ppb
Titanium	47-1	0.00	0.02	-0.02	0.00	N/A	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:46:13	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	-0.05	0.06	0.00	N/A	ppb
Zirconium	90-1	0.01	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:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:49:35	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.95	19.77	16.39	18.03	9.40	ppb
Antimony	121-1	1.98	2.03	2.03	2.01	1.50	ppb
Arsenic	75-2	0.94	1.37	1.09	1.13	19.36	ppb
Barium	135-1	9.52	10.02	9.47	9.67	3.12	ppb
Barium	137-1	9.31	9.57	9.47	9.45	1.36	ppb
Beryllium	9-1	1.05	1.17	1.00	1.07	8.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.96	1.01	1.10	1.03	6.76	ppb
Cadmium	106-1	3.04	0.20	1.26	1.50	95.73	ppb
Cadmium	111-1	1.28	1.22	1.09	1.20	8.19	ppb
Calcium	43-1	500.52	482.66	502.69	495.29	2.22	ppb
Calcium	44-1	518.65	512.27	513.70	514.87	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.82	1.97	2.07	1.95	6.25	ppb
Cobalt	59-2	1.12	1.07	1.08	1.09	2.21	ppb
Copper	63-2	2.22	2.00	2.01	2.08	5.95	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				103		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	52.27	52.84	52.22	52.45	0.65	ppb
Iron	57-2	59.35	50.02	57.72	55.70	8.95	ppb
Iron	54-2	56.32	54.10	55.59	55.33	2.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:49:35	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.80	0.80	0.79	0.80	1.22	ppb
Lead	207-1	0.81	0.75	0.81	0.79	4.44	ppb
Lead	208-1	0.79	0.79	0.79	0.79	0.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	468.81	479.26	472.35	473.47	1.12	ppb
Manganese	55-2	1.01	1.11	1.08	1.07	4.59	ppb
Molybdenum	94-1	5.06	5.33	5.37	5.25	3.25	ppb
Molybdenum	95-1	4.36	4.40	4.39	4.39	0.56	ppb
Molybdenum	96-1	4.42	4.59	4.45	4.49	2.03	ppb
Molybdenum	97-1	4.32	4.47	4.53	4.44	2.40	ppb
Molybdenum	98-1	4.44	4.33	4.45	4.41	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.36	1.20	1.04	1.20	13.40	ppb
Phosphorus	31-2	16.51	13.05	19.18	16.25	18.93	ppb
Potassium	39-2	495.08	501.33	498.87	498.43	0.63	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	5.44	5.12	4.07	4.88	14.73	ppb
Selenium	77-2	7.81	3.13	6.66	5.87	41.56	ppb
Selenium	78-2	4.77	4.61	3.90	4.43	10.45	ppb
Silicon	28-1	3.50	3.43	3.59	3.51	2.38	ppb
Silver	107-1	1.04	1.04	1.00	1.03	2.21	ppb
Silver	109-1	1.00	0.98	1.00	0.99	1.15	ppb
Sodium	23-2	480.37	483.78	484.36	482.84	0.45	ppb
Strontium	86-1	1.06	0.92	1.04	1.01	7.87	ppb
Strontium	88-1	0.98	0.96	1.00	0.98	1.81	ppb
Sulfur	34-1	-64.54	-154.30	-95.20	-104.68		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.80	0.87	0.85	0.84	4.22	ppb
Thallium	205-1	0.88	0.84	0.84	0.86	2.88	ppb
Tin	118-1	4.81	4.89	4.79	4.83	1.05	ppb
Titanium	47-1	4.86	4.47	4.64	4.65	4.17	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:49:35	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.78	0.79	0.79	1.35	ppb
Vanadium	51-2	4.93	4.99	4.99	4.97	0.78	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	4.69	5.29	5.21	5.06	6.37	ppb
Zirconium	90-1	0.95	0.96	1.00	0.97	2.78	ppb
Zirconium	91-1	0.95	0.99	1.05	1.00	5.26	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:53:00	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	970.55	967.43	973.00	970.33	0.29	ppb
Antimony	121-1	49.92	51.48	51.22	50.87	1.65	ppb
Arsenic	75-2	51.84	51.65	50.64	51.38	1.26	ppb
Barium	135-1	246.81	250.13	252.12	249.69	1.07	ppb
Barium	137-1	246.13	250.27	252.27	249.56	1.26	ppb
Beryllium	9-1	52.81	53.17	52.88	52.96	0.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	56.36	57.41	54.65	56.14	2.48	ppb
Cadmium	106-1	50.85	54.81	52.12	52.59	3.84	ppb
Cadmium	111-1	54.03	55.28	54.91	54.74	1.17	ppb
Calcium	43-1	5618.80	5721.41	5807.58	5715.93	1.65	ppb
Calcium	44-1	5525.41	5592.80	5562.10	5560.10	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.80	50.92	52.07	51.26	1.37	ppb
Cobalt	59-2	51.91	50.94	52.06	51.64	1.17	ppb
Copper	63-2	525.82	521.54	525.46	524.27	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				104		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	2578.06	2565.84	2582.75	2575.55	0.34	ppb
Iron	57-2	2714.28	2669.78	2737.82	2707.29	1.28	ppb
Iron	54-2	2727.02	2706.02	2767.26	2733.44	1.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:53:00	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	221.28	222.71	227.08	223.69	1.35	ppb
Lead	207-1	217.53	219.44	224.84	220.60	1.72	ppb
Lead	208-1	232.70	232.61	240.19	235.17	1.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	4640.61	4586.04	4630.56	4619.07	0.63	ppb
Manganese	55-2	518.92	514.17	521.68	518.25	0.73	ppb
Molybdenum	94-1	500.01	498.14	506.76	501.64	0.90	ppb
Molybdenum	95-1	493.05	495.51	504.15	497.57	1.17	ppb
Molybdenum	96-1	493.10	497.55	503.43	498.03	1.04	ppb
Molybdenum	97-1	495.38	499.63	506.05	500.35	1.07	ppb
Molybdenum	98-1	503.65	496.11	501.84	500.53	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.24	53.11	54.41	53.59	1.34	ppb
Phosphorus	31-2	995.52	1018.56	1043.38	1019.15	2.35	ppb
Potassium	39-2	2584.99	2578.72	2633.73	2599.15	1.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	52.80	50.45	52.95	52.07	2.69	ppb
Selenium	77-2	62.81	51.97	43.35	52.71	18.49	ppb
Selenium	78-2	54.90	49.41	56.07	53.46	6.65	ppb
Silicon	28-1	51.27	53.16	52.85	52.42	1.93	ppb
Silver	107-1	53.89	54.81	54.65	54.45	0.90	ppb
Silver	109-1	53.81	55.37	55.10	54.76	1.52	ppb
Sodium	23-2	4702.46	4657.32	4793.18	4717.66	1.47	ppb
Strontium	86-1	1268.96	1258.63	1285.18	1270.92	1.05	ppb
Strontium	88-1	1251.16	1251.03	1261.10	1254.43	0.46	ppb
Sulfur	34-1	931.22	923.62	922.24	925.69	0.52	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	44.37	44.79	45.33	44.83	1.07	ppb
Thallium	205-1	43.85	43.71	44.69	44.08	1.20	ppb
Tin	118-1	50.49	52.68	51.57	51.58	2.12	ppb
Titanium	47-1	514.42	523.57	519.46	519.15	0.88	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:53:00	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	41.51	41.71	42.26	41.83	0.92	ppb
Vanadium	51-2	50.44	49.41	51.46	50.44	2.04	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	515.92	512.95	518.76	515.88	0.56	ppb
Zirconium	90-1	49.60	50.08	50.95	50.21	1.36	ppb
Zirconium	91-1	49.82	50.06	50.35	50.07	0.53	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:56:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2402.88	2455.53	2461.40	2439.94	1.32	ppb
Antimony	121-1	126.53	128.47	129.04	128.01	1.03	ppb
Arsenic	75-2	128.40	127.25	128.54	128.06	0.55	ppb
Barium	135-1	616.28	625.22	632.95	624.82	1.34	ppb
Barium	137-1	622.03	627.51	634.40	627.98	0.99	ppb
Beryllium	9-1	130.22	130.94	132.45	131.20	0.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	136.49	137.01	133.96	135.82	1.20	ppb
Cadmium	106-1	130.31	135.76	137.19	134.42	2.70	ppb
Cadmium	111-1	136.18	136.13	138.71	137.01	1.08	ppb
Calcium	43-1	14233.86	14277.90	14185.65	14232.47	0.32	ppb
Calcium	44-1	12982.77	12986.06	12875.31	12948.05	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.26	127.94	129.32	128.17	0.82	ppb
Cobalt	59-2	130.81	129.75	130.64	130.40	0.44	ppb
Copper	63-2	1315.73	1329.87	1337.86	1327.82	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				102		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	6323.10	6470.94	6496.99	6430.34	1.46	ppb
Iron	57-2	6810.94	6805.11	6903.46	6839.83	0.81	ppb
Iron	54-2	6847.45	6920.56	6963.67	6910.56	0.85	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:56:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	616.44	611.12	631.48	619.68	1.70	ppb
Lead	207-1	624.17	630.49	627.71	627.46	0.50	ppb
Lead	208-1	616.78	621.58	627.68	622.01	0.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	11237.04	11375.00	11514.62	11375.55	1.22	ppb
Manganese	55-2	1251.80	1266.53	1283.44	1267.26	1.25	ppb
Molybdenum	94-1	1267.56	1263.69	1288.48	1273.24	1.05	ppb
Molybdenum	95-1	1256.57	1267.43	1267.60	1263.87	0.50	ppb
Molybdenum	96-1	1275.52	1270.03	1272.36	1272.64	0.22	ppb
Molybdenum	97-1	1258.55	1267.99	1272.50	1266.35	0.56	ppb
Molybdenum	98-1	1272.52	1273.63	1266.59	1270.91	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.59	133.68	136.78	134.02	1.95	ppb
Phosphorus	31-2	2541.21	2550.81	2628.14	2573.39	1.85	ppb
Potassium	39-2	6515.88	6559.25	6653.33	6576.15	1.07	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	132.79	131.06	131.11	131.65	0.75	ppb
Selenium	77-2	133.11	118.63	120.34	124.03	6.38	ppb
Selenium	78-2	126.65	141.48	120.13	129.42	8.46	ppb
Silicon	28-1	129.62	131.82	132.82	131.42	1.25	ppb
Silver	107-1	133.86	135.58	135.06	134.83	0.66	ppb
Silver	109-1	134.35	135.55	136.59	135.50	0.83	ppb
Sodium	23-2	12108.17	12083.68	12133.13	12108.33	0.20	ppb
Strontium	86-1	3212.34	3246.66	3184.83	3214.61	0.96	ppb
Strontium	88-1	3169.26	3180.65	3176.77	3175.56	0.18	ppb
Sulfur	34-1	2374.87	2292.68	2234.28	2300.61	3.07	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	112.32	111.75	114.24	112.77	1.15	ppb
Thallium	205-1	110.83	111.20	113.62	111.88	1.35	ppb
Tin	118-1	127.60	128.51	130.47	128.86	1.14	ppb
Titanium	47-1	1298.13	1294.73	1303.84	1298.90	0.35	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:56:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	106.82	106.62	108.93	107.46	1.19	ppb
Vanadium	51-2	126.47	127.55	128.37	127.46	0.75	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	1282.55	1298.01	1297.94	1292.83	0.69	ppb
Zirconium	90-1	126.85	127.80	128.12	127.59	0.52	ppb
Zirconium	91-1	126.95	127.78	128.08	127.60	0.46	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:59:27	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4916.71	4920.64	4858.33	4898.56	0.71	ppb
Antimony	121-1	246.47	250.32	253.50	250.10	1.41	ppb
Arsenic	75-2	256.59	258.98	254.26	256.61	0.92	ppb
Barium	135-1	1207.67	1223.41	1236.86	1222.65	1.19	ppb
Barium	137-1	1288.38	1314.25	1314.41	1305.68	1.15	ppb
Beryllium	9-1	255.46	261.25	258.32	258.34	1.12	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	266.19	263.86	272.98	267.68	1.77	ppb
Cadmium	106-1	261.64	265.26	261.49	262.79	0.81	ppb
Cadmium	111-1	259.19	265.06	266.71	263.65	1.50	ppb
Calcium	43-1	27541.19	28696.83	28761.90	28333.31	2.42	ppb
Calcium	44-1	25244.80	25917.52	26061.95	25741.43	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257.74	257.00	253.14	255.96	0.97	ppb
Cobalt	59-2	260.85	258.50	254.52	257.96	1.24	ppb
Copper	63-2	2637.19	2575.78	2593.13	2602.03	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				102		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	12928.88	12817.09	12710.39	12818.79	0.85	ppb
Iron	57-2	13821.17	13621.24	13508.29	13650.23	1.16	ppb
Iron	54-2	13949.28	13779.61	13641.33	13790.07	1.12	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:59:27	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1208.98	1239.66	1259.44	1236.03	2.06	ppb
Lead	207-1	1235.03	1266.88	1288.49	1263.47	2.13	ppb
Lead	208-1	1225.82	1253.85	1264.65	1248.11	1.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	22811.83	22535.17	22576.52	22641.17	0.66	ppb
Manganese	55-2	2586.68	2574.29	2502.53	2554.50	1.78	ppb
Molybdenum	94-1	2486.77	2564.00	2515.72	2522.16	1.55	ppb
Molybdenum	95-1	2487.52	2608.37	2556.84	2550.91	2.38	ppb
Molybdenum	96-1	2491.43	2551.63	2508.19	2517.08	1.23	ppb
Molybdenum	97-1	2480.41	2561.77	2519.75	2520.64	1.61	ppb
Molybdenum	98-1	2468.76	2585.33	2557.36	2537.15	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.94	261.39	257.91	261.75	1.54	ppb
Phosphorus	31-2	5069.81	4999.63	5006.29	5025.24	0.77	ppb
Potassium	39-2	12239.85	12404.11	12277.69	12307.22	0.70	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	255.25	262.97	261.88	260.03	1.61	ppb
Selenium	77-2	261.82	275.47	273.40	270.23	2.72	ppb
Selenium	78-2	254.53	260.70	264.42	259.88	1.92	ppb
Silicon	28-1	254.89	266.49	269.18	263.52	2.88	ppb
Silver	107-1	256.08	261.71	262.40	260.07	1.33	ppb
Silver	109-1	256.96	259.89	261.72	259.52	0.92	ppb
Sodium	23-2	24042.26	24293.53	23717.05	24017.61	1.20	ppb
Strontium	86-1	6203.16	6494.77	6326.90	6341.61	2.31	ppb
Strontium	88-1	6224.01	6422.67	6383.19	6343.29	1.66	ppb
Sulfur	34-1	4584.96	4961.09	4886.59	4810.88	4.14	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	219.47	225.22	225.67	223.45	1.55	ppb
Thallium	205-1	246.82	248.75	253.52	249.70	1.38	ppb
Tin	118-1	246.18	251.37	253.08	250.21	1.44	ppb
Titanium	47-1	2472.00	2521.11	2626.97	2540.03	3.12	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:59:27	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	243.12	249.88	255.07	249.36	2.40	ppb
Vanadium	51-2	255.31	254.28	252.51	254.03	0.56	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	2600.54	2587.02	2543.20	2576.92	1.16	ppb
Zirconium	90-1	247.39	258.55	253.22	253.05	2.21	ppb
Zirconium	91-1	249.72	259.57	254.63	254.64	1.94	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:02:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9863.10	9621.12	9792.44	9758.89	1.28	ppb
Antimony	121-1	503.75	515.23	530.93	516.64	2.64	ppb
Arsenic	75-2	502.62	499.34	508.94	503.63	0.97	ppb
Barium	135-1	2546.12	2602.23	2650.27	2599.54	2.01	ppb
Barium	137-1	2489.74	2634.46	2596.20	2573.46	2.91	ppb
Beryllium	9-1	499.01	514.79	509.51	507.77	1.58	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	511.64	519.76	529.77	520.39	1.75	ppb
Cadmium	106-1	499.03	520.40	523.85	514.43	2.61	ppb
Cadmium	111-1	506.44	522.44	525.41	518.10	1.97	ppb
Calcium	43-1	54694.82	57908.05	56410.20	56337.69	2.85	ppb
Calcium	44-1	50213.48	53611.22	51958.64	51927.78	3.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.35	498.72	507.52	506.86	1.55	ppb
Cobalt	59-2	512.97	504.81	511.39	509.72	0.85	ppb
Copper	63-2	5222.85	5063.92	5151.21	5145.99	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	25668.41	25465.19	25602.68	25578.76	0.41	ppb
Iron	57-2	27123.90	26928.70	27135.00	27062.53	0.43	ppb
Iron	54-2	26431.11	25356.64	26420.66	26069.47	2.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:02:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2458.43	2569.12	2566.62	2531.39	2.50	ppb
Lead	207-1	2436.21	2590.36	2553.19	2526.59	3.18	ppb
Lead	208-1	2439.49	2579.19	2565.47	2528.05	3.05	ppb
Lithium	6-1				97		%
Magnesium	24-2	45487.15	44879.13	46042.99	45469.76	1.28	ppb
Manganese	55-2	5115.27	5003.25	5096.62	5071.71	1.18	ppb
Molybdenum	94-1	4832.69	5143.42	5070.21	5015.44	3.24	ppb
Molybdenum	95-1	4940.47	5184.29	5034.14	5052.97	2.43	ppb
Molybdenum	96-1	4945.36	5175.58	5092.50	5071.15	2.30	ppb
Molybdenum	97-1	4954.88	5167.95	5047.39	5056.74	2.11	ppb
Molybdenum	98-1	4939.36	5125.58	5069.19	5044.71	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.54	507.96	516.10	514.20	1.08	ppb
Phosphorus	31-2	10174.06	10076.09	10283.72	10177.96	1.02	ppb
Potassium	39-2	24281.31	24150.13	24346.76	24259.40	0.41	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	494.35	528.87	503.91	509.04	3.50	ppb
Selenium	77-2	512.30	478.27	516.56	502.37	4.18	ppb
Selenium	78-2	489.71	503.31	523.71	505.58	3.38	ppb
Silicon	28-1	496.56	535.69	520.14	517.46	3.81	ppb
Silver	107-1	504.85	527.22	519.99	517.35	2.21	ppb
Silver	109-1	513.83	530.36	533.69	525.96	2.02	ppb
Sodium	23-2	49397.23	48517.21	48890.61	48935.02	0.90	ppb
Strontium	86-1	12332.37	12834.30	12569.78	12578.82	2.00	ppb
Strontium	88-1	12355.41	12956.09	12626.18	12645.89	2.38	ppb
Sulfur	34-1	9375.68	10265.51	9787.95	9809.72	4.54	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	490.11	512.27	516.26	506.21	2.78	ppb
Thallium	205-1	498.06	512.56	509.31	506.64	1.50	ppb
Tin	118-1	499.36	524.06	525.38	516.27	2.84	ppb
Titanium	47-1	4951.68	5236.65	5037.41	5075.25	2.88	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:02:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	486.02	508.32	511.39	501.91	2.76	ppb
Vanadium	51-2	507.00	499.66	509.12	505.26	0.98	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	5149.73	5040.29	5105.58	5098.54	1.08	ppb
Zirconium	90-1	496.27	517.33	506.36	506.65	2.08	ppb
Zirconium	91-1	491.04	520.09	509.10	506.74	2.90	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:05:26	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18836.67	18794.98	18941.82	18857.82	0.40	ppb
Antimony	121-1	978.32	1011.82	983.57	991.24	1.82	ppb
Arsenic	75-2	1009.03	989.08	990.13	996.08	1.13	ppb
Barium	135-1	4941.03	5085.90	4844.39	4957.11	2.45	ppb
Barium	137-1	4931.24	5031.73	4884.02	4949.00	1.52	ppb
Beryllium	9-1	980.03	1004.10	995.19	993.10	1.23	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	974.21	1005.86	971.10	983.72	1.96	ppb
Cadmium	106-1	977.51	1014.67	972.66	988.28	2.33	ppb
Cadmium	111-1	981.30	1005.20	970.90	985.80	1.78	ppb
Calcium	43-1	109278.28	111500.01	110400.08	110392.79	1.01	ppb
Calcium	44-1	101038.63	103375.94	101794.40	102069.66	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1000.68	988.89	994.28	994.62	0.59	ppb
Cobalt	59-2	1000.65	983.81	992.71	992.39	0.85	ppb
Copper	63-2	9859.31	9846.67	9965.67	9890.55	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	50314.04	49643.89	50064.42	50007.45	0.68	ppb
Iron	57-2	51167.86	50183.58	51135.70	50829.05	1.10	ppb
Iron	54-2	51598.03	51373.65	50738.77	51236.82	0.87	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:05:26	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4949.97	5100.48	4918.88	4989.78	1.95	ppb
Lead	207-1	4930.26	5061.44	4961.80	4984.50	1.37	ppb
Lead	208-1	4938.75	5064.06	4959.89	4987.56	1.35	ppb
Lithium	6-1				97		%
Magnesium	24-2	90339.40	89081.61	90546.87	89989.29	0.88	ppb
Manganese	55-2	9942.68	10012.25	9887.41	9947.45	0.63	ppb
Molybdenum	94-1	9871.04	10050.49	10029.72	9983.75	0.98	ppb
Molybdenum	95-1	9835.82	10039.69	10002.02	9959.18	1.09	ppb
Molybdenum	96-1	9797.59	10051.04	10023.64	9957.43	1.40	ppb
Molybdenum	97-1	9775.92	10013.92	10103.39	9964.41	1.70	ppb
Molybdenum	98-1	9779.92	9955.86	10161.36	9965.72	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.19	988.96	986.83	988.66	0.17	ppb
Phosphorus	31-2	20189.77	19603.83	19890.14	19894.58	1.47	ppb
Potassium	39-2	47874.48	47408.97	47972.78	47752.08	0.63	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	980.05	992.54	1003.52	992.04	1.18	ppb
Selenium	77-2	994.00	979.78	1007.44	993.74	1.39	ppb
Selenium	78-2	980.50	1001.26	1000.30	994.02	1.18	ppb
Silicon	28-1	976.09	1012.69	972.32	987.03	2.26	ppb
Silver	107-1	972.45	1021.52	968.10	987.36	3.00	ppb
Silver	109-1	972.54	1009.03	967.69	983.09	2.30	ppb
Sodium	23-2	96293.35	96165.12	97141.80	96533.42	0.55	ppb
Strontium	86-1	24476.56	24854.60	25445.17	24925.44	1.96	ppb
Strontium	88-1	24684.88	24939.12	25067.57	24897.19	0.78	ppb
Sulfur	34-1	19971.69	20464.76	20076.74	20171.06	1.29	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	994.72	1029.82	991.42	1005.32	2.12	ppb
Thallium	205-1	993.30	1022.61	980.16	998.69	2.18	ppb
Tin	118-1	973.39	1021.30	979.07	991.25	2.64	ppb
Titanium	47-1	9830.16	10071.94	9933.80	9945.30	1.22	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:05:26	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	993.94	1018.29	993.19	1001.81	1.43	ppb
Vanadium	51-2	1002.27	991.94	993.89	996.03	0.55	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	10070.99	9901.53	9803.54	9925.35	1.36	ppb
Zirconium	90-1	985.59	991.11	1010.02	995.58	1.29	ppb
Zirconium	91-1	984.15	992.49	1008.78	995.14	1.26	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:08:18	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103726.18	100062.42	96989.66	100259.42	3.36	ppb
Antimony	121-1	0.76	0.74	0.79	0.76	3.81	ppb
Arsenic	75-2	0.37	0.50	0.53	0.47	18.04	ppb
Barium	135-1	2.65	2.51	2.78	2.65	5.10	ppb
Barium	137-1	2.63	2.73	2.76	2.71	2.56	ppb
Beryllium	9-1	0.61	0.59	0.47	0.55	13.18	ppb
Bismuth	209-1				88		%
Bismuth	209-2				73		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.35	0.37	0.44	31.64	ppb
Cadmium	106-1	0.21	-1.73	-0.69	-0.74		ppb
Cadmium	111-1	0.28	0.08	0.14	0.17	63.51	ppb
Calcium	43-1	491540.99	488339.90	511330.73	497070.54	2.51	ppb
Calcium	44-1	495101.42	494054.87	508861.92	499339.40	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.69	3.27	3.62	3.52	6.25	ppb
Cobalt	59-2	2.71	2.76	2.74	2.74	0.81	ppb
Copper	63-2	3.13	2.89	2.88	2.97	4.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				89		%
Indium	115-1				86		%
Indium	115-2				80		%
Iron	56-2	257980.72	248084.22	243693.35	249919.43	2.93	ppb
Iron	57-2	257822.43	246357.38	244481.01	249553.61	2.89	ppb
Iron	54-2	259025.99	247912.41	241748.60	249562.34	3.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:08:18	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.09	1.00	0.98	1.02	5.69	ppb
Lead	207-1	1.07	1.10	0.93	1.03	8.93	ppb
Lead	208-1	1.08	1.03	0.97	1.02	5.16	ppb
Lithium	6-1				95		%
Magnesium	24-2	521717.41	495872.78	490224.96	502605.05	3.34	ppb
Manganese	55-2	6.90	6.71	6.54	6.72	2.63	ppb
Molybdenum	94-1	2.79	2.73	2.74	2.75	1.11	ppb
Molybdenum	95-1	1.87	1.79	1.81	1.82	2.24	ppb
Molybdenum	96-1	3.53	3.23	3.29	3.35	4.72	ppb
Molybdenum	97-1	1.92	1.84	1.71	1.83	5.84	ppb
Molybdenum	98-1	1.75	1.70	1.68	1.71	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.01	4.69	3.88	4.19	10.37	ppb
Phosphorus	31-2	5.10	-1.57	-4.08	-0.18		ppb
Potassium	39-2	262598.39	246961.26	242012.78	250524.14	4.29	ppb
Rhodium	103-1				78		%
Rhodium	103-2				74		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	0.45	0.76	1.00	0.73	37.67	ppb
Selenium	77-2	-0.39	0.31	0.29	0.07	578.81	ppb
Selenium	78-2	3.17	-0.67	0.24	0.91	219.06	ppb
Silicon	28-1	13.41	9.19	11.88	11.49	18.57	ppb
Silver	107-1	0.14	0.11	0.13	0.13	9.97	ppb
Silver	109-1	0.13	0.14	0.12	0.13	8.34	ppb
Sodium	23-2	516075.23	493975.17	492534.30	500861.57	2.63	ppb
Strontium	86-1	4.50	4.42	4.42	4.45	1.00	ppb
Strontium	88-1	4.59	4.37	4.21	4.39	4.34	ppb
Sulfur	34-1	-330.70	-256.66	-104.72	-230.69		ppb
Terbium	159-1				94		%
Terbium	159-2				88		%
Thallium	203-1	0.12	0.11	0.10	0.11	8.61	ppb
Thallium	205-1	0.13	0.12	0.10	0.12	14.59	ppb
Tin	118-1	0.41	0.42	0.50	0.44	11.43	ppb
Titanium	47-1	1.47	1.66	1.70	1.61	7.43	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:08:18	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.05	0.05	0.06	17.22	ppb
Vanadium	51-2	0.32	0.36	0.30	0.33	10.30	ppb
Yttrium	89-1				88		%
Yttrium	89-2				82		%
Zinc	66-2	39.09	35.81	36.32	37.07	4.76	ppb
Zirconium	90-1	0.61	0.61	0.62	0.61	1.15	ppb
Zirconium	91-1	0.59	0.58	0.59	0.59	0.52	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICV025	Instrumnet Name :	P7
Client Sample ID :	ICV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:59:06	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	467.90	462.81	463.23	464.65	0.61	ppb
Antimony	121-1	186.90	190.72	195.06	190.89	2.14	ppb
Arsenic	75-2	199.41	200.93	201.65	200.66	0.57	ppb
Barium	135-1	91.03	91.81	94.03	92.29	1.69	ppb
Barium	137-1	90.93	92.29	94.34	92.52	1.86	ppb
Beryllium	9-1	101.39	103.31	101.60	102.10	1.03	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	148.03	150.23	156.93	151.73	3.06	ppb
Cadmium	106-1	168.18	165.74	169.63	167.85	1.17	ppb
Cadmium	111-1	106.26	107.41	108.58	107.42	1.08	ppb
Calcium	43-1	2159.52	2124.30	2155.83	2146.55	0.90	ppb
Calcium	44-1	2104.63	2072.89	2098.76	2092.09	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.45	100.95	100.10	100.83	0.68	ppb
Cobalt	59-2	103.05	103.21	100.77	102.34	1.33	ppb
Copper	63-2	102.94	102.93	102.29	102.72	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	2056.21	2005.72	1976.85	2012.93	2.00	ppb
Iron	57-2	2115.37	2094.95	2130.47	2113.59	0.84	ppb
Iron	54-2	2209.45	2177.28	2158.35	2181.69	1.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICV025	Instrumnet Name :	P7
Client Sample ID :	ICV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:59:06	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	185.69	186.10	190.08	187.29	1.29	ppb
Lead	207-1	177.14	176.49	181.57	178.40	1.55	ppb
Lead	208-1	181.00	181.03	185.89	182.64	1.54	ppb
Lithium	6-1				101		%
Magnesium	24-2	1125.02	1124.55	1099.84	1116.47	1.29	ppb
Manganese	55-2	103.13	103.20	100.02	102.12	1.78	ppb
Molybdenum	94-1	4612.10	4491.86	4613.56	4572.51	1.53	ppb
Molybdenum	95-1	4508.17	4462.32	4506.85	4492.44	0.58	ppb
Molybdenum	96-1	4490.07	4472.26	4550.34	4504.22	0.91	ppb
Molybdenum	97-1	4480.36	4520.14	4551.98	4517.50	0.79	ppb
Molybdenum	98-1	4532.71	4480.20	4471.11	4494.67	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.95	108.67	104.90	107.51	2.10	ppb
Phosphorus	31-2	-4.19	-10.71	-6.82	-7.24		ppb
Potassium	39-2	1943.11	1947.84	1935.14	1942.03	0.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	203.25	205.27	211.78	206.76	2.16	ppb
Selenium	77-2	192.58	208.11	191.19	197.29	4.76	ppb
Selenium	78-2	203.41	219.22	202.26	208.30	4.55	ppb
Silicon	28-1	517.08	511.58	526.05	518.23	1.41	ppb
Silver	107-1	48.22	48.92	49.89	49.01	1.71	ppb
Silver	109-1	47.79	48.35	49.90	48.68	2.24	ppb
Sodium	23-2	1951.30	1951.07	1938.66	1947.01	0.37	ppb
Strontium	86-1	497.05	495.00	501.47	497.84	0.66	ppb
Strontium	88-1	506.00	509.52	511.75	509.09	0.57	ppb
Sulfur	34-1	-7.84	-281.43	-130.39	-139.89		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	183.95	184.52	190.02	186.16	1.80	ppb
Thallium	205-1	208.44	206.74	208.74	207.98	0.52	ppb
Tin	118-1	540.09	544.78	548.03	544.30	0.73	ppb
Titanium	47-1	4474.81	4381.77	4468.78	4441.79	1.17	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICV025	Instrumnet Name :	P7
Client Sample ID :	ICV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:59:06	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	499.31	497.55	508.09	501.65	1.13	ppb
Vanadium	51-2	96.97	97.42	95.64	96.68	0.96	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	198.53	195.78	197.12	197.15	0.70	ppb
Zirconium	90-1	501.93	507.20	511.18	506.77	0.92	ppb
Zirconium	91-1	497.99	501.62	503.41	501.00	0.55	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICB025	Instrumnet Name :	P7
Client Sample ID :	ICB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:16:30	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	-0.64	-0.36	-0.46		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	40.65	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	11.15	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.09	-0.09	-0.06		ppb
Cadmium	106-1	-1.51	-2.46	-3.32	-2.43		ppb
Cadmium	111-1	-0.11	-0.18	-0.24	-0.18		ppb
Calcium	43-1	-1.68	-4.21	-7.27	-4.39		ppb
Calcium	44-1	-5.29	-5.38	-5.93	-5.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	0.04	0.00	848.50	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.03	-0.05	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	-0.43	-0.24	-0.32	-0.33		ppb
Iron	57-2	-3.39	-0.65	-1.62	-1.89		ppb
Iron	54-2	-0.88	-1.06	-0.31	-0.75		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICB025	Instrumnet Name :	P7
Client Sample ID :	ICB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:16:30	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.06	-0.05	-0.05	-0.05		ppb
Lead	207-1	-0.06	-0.04	-0.04	-0.05		ppb
Lead	208-1	-0.07	-0.05	-0.06	-0.06		ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.76	-0.65	-0.92	-0.78		ppb
Manganese	55-2	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	21.19	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	89.53	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.01	120.40	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.01	113.72	ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	64.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-12.37	-10.65	-17.15	-13.39		ppb
Potassium	39-2	-14.98	-11.01	-14.09	-13.36		ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	-0.57	-0.43	0.54	-0.15		ppb
Selenium	77-2	-0.39	0.22	-0.39	-0.19		ppb
Selenium	78-2	-0.60	0.05	-0.19	-0.25		ppb
Silicon	28-1	-7.54	-6.78	-7.29	-7.20		ppb
Silver	107-1	0.00	0.00	0.00	0.00	56.42	ppb
Silver	109-1	0.00	0.00	0.00	0.00	62.80	ppb
Sodium	23-2	4.91	4.11	4.77	4.60	9.39	ppb
Strontium	86-1	0.01	-0.01	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-91.89	-41.70	-15.15	-49.58		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.00	0.00	72.36	ppb
Thallium	205-1	0.00	0.01	0.01	0.00	63.97	ppb
Tin	118-1	-0.02	0.02	-0.02	-0.01		ppb
Titanium	47-1	0.02	-0.02	0.00	0.00		ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICB025	Instrumnet Name :	P7
Client Sample ID :	ICB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:16:30	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	144.77	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	0.13	0.04	0.11	0.09	53.92	ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	16.73	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	45.18	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSA025	Instrumnet Name :	P7
Client Sample ID :	ICSA025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:19:53	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85032.07	85923.34	85163.75	85373.06	0.56	ppb
Antimony	121-1	1.07	0.97	1.08	1.04	5.83	ppb
Arsenic	75-2	0.40	0.25	0.34	0.33	23.20	ppb
Barium	135-1	1.17	1.22	1.23	1.21	2.85	ppb
Barium	137-1	1.25	1.32	1.28	1.28	2.54	ppb
Beryllium	9-1	0.33	0.33	0.24	0.30	15.81	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.23	7.62	7.34	7.73	5.92	ppb
Cadmium	106-1	-2.13	-3.35	-2.33	-2.60		ppb
Cadmium	111-1	0.09	0.19	0.07	0.12	56.18	ppb
Calcium	43-1	99179.43	99639.24	101427.14	100081.93	1.19	ppb
Calcium	44-1	93987.89	94543.06	96242.26	94924.40	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.46	19.93	19.42	19.60	1.45	ppb
Cobalt	59-2	1.22	1.29	1.28	1.26	3.26	ppb
Copper	63-2	7.08	7.30	7.70	7.36	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				103		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	97244.12	99929.14	97897.48	98356.92	1.42	ppb
Iron	57-2	97221.73	99537.63	97853.47	98204.28	1.22	ppb
Iron	54-2	97701.92	99083.13	98632.71	98472.59	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSA025	Instrumnet Name :	P7
Client Sample ID :	ICSA025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:19:53	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.00	4.11	4.11	4.08	1.59	ppb
Lead	207-1	3.60	3.61	3.75	3.65	2.35	ppb
Lead	208-1	3.71	3.78	3.81	3.77	1.29	ppb
Lithium	6-1				97		%
Magnesium	24-2	86040.60	88634.32	86712.74	87129.22	1.54	ppb
Manganese	55-2	8.15	8.24	7.77	8.06	3.12	ppb
Molybdenum	94-1	1428.78	1440.55	1423.21	1430.85	0.62	ppb
Molybdenum	95-1	1740.16	1738.98	1710.65	1729.93	0.97	ppb
Molybdenum	96-1	1699.72	1706.07	1681.68	1695.82	0.75	ppb
Molybdenum	97-1	1726.25	1728.06	1729.86	1728.06	0.10	ppb
Molybdenum	98-1	1730.11	1752.47	1742.53	1741.70	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.53	5.19	5.40	5.37	3.16	ppb
Phosphorus	31-2	96239.18	97763.34	96795.38	96932.64	0.80	ppb
Potassium	39-2	91475.51	94392.25	92292.53	92720.10	1.62	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	82-1	-0.04	-0.62	-0.68	-0.45		ppb
Selenium	77-2	-0.39	-0.39	-0.39	-0.39		ppb
Selenium	78-2	0.19	-0.52	-0.38	-0.24		ppb
Silicon	28-1	16.81	15.87	17.11	16.60	3.90	ppb
Silver	107-1	0.05	0.04	0.06	0.05	16.88	ppb
Silver	109-1	0.05	0.05	0.06	0.05	16.39	ppb
Sodium	23-2	92603.52	93593.49	92631.68	92942.90	0.61	ppb
Strontium	86-1	32.80	33.36	33.11	33.09	0.85	ppb
Strontium	88-1	32.73	33.41	33.37	33.17	1.14	ppb
Sulfur	34-1	98445.51	97853.96	100411.56	98903.68	1.35	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.06	0.07	0.06	8.60	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	10.08	ppb
Tin	118-1	0.22	0.25	0.24	0.24	5.83	ppb
Titanium	47-1	1839.41	1839.21	1861.64	1846.75	0.70	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSA025	Instrumnet Name :	P7
Client Sample ID :	ICSA025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:19:53	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.02	0.02	8.49	ppb
Vanadium	51-2	0.21	0.20	0.21	0.21	2.80	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	10.69	11.43	10.78	10.97	3.65	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	6.39	ppb
Zirconium	91-1	0.05	0.06	0.06	0.05	11.09	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSAB025	Instrumnet Name :	P7
Client Sample ID :	ICSAB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:23:05	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84722.42	84497.09	84046.19	84421.90	0.41	ppb
Antimony	121-1	19.44	19.14	19.72	19.44	1.48	ppb
Arsenic	75-2	21.03	18.62	19.42	19.69	6.23	ppb
Barium	135-1	18.91	18.64	19.17	18.90	1.40	ppb
Barium	137-1	18.63	19.29	18.75	18.89	1.88	ppb
Beryllium	9-1	19.77	19.89	20.27	19.98	1.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.40	27.45	26.93	26.59	4.00	ppb
Cadmium	106-1	21.25	21.89	21.10	21.41	1.95	ppb
Cadmium	111-1	20.03	19.25	19.03	19.44	2.68	ppb
Calcium	43-1	98126.52	96844.02	100946.06	98638.87	2.13	ppb
Calcium	44-1	93998.50	92073.02	95909.83	93993.79	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.76	38.20	38.46	38.47	0.73	ppb
Cobalt	59-2	20.80	20.53	20.53	20.62	0.75	ppb
Copper	63-2	25.44	25.56	25.10	25.37	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				106		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	95850.26	96037.29	94960.46	95616.00	0.60	ppb
Iron	57-2	96713.96	97035.84	95582.78	96444.19	0.79	ppb
Iron	54-2	97979.23	97389.20	97805.10	97724.51	0.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSAB025	Instrumnet Name :	P7
Client Sample ID :	ICSAB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:23:05	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.89	23.72	24.78	24.13	2.37	ppb
Lead	207-1	23.02	22.28	23.16	22.82	2.06	ppb
Lead	208-1	23.17	22.76	23.53	23.15	1.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	87514.75	86332.42	85810.84	86552.67	1.01	ppb
Manganese	55-2	27.33	27.15	27.29	27.26	0.33	ppb
Molybdenum	94-1	1541.37	1540.40	1581.16	1554.31	1.50	ppb
Molybdenum	95-1	1752.55	1756.69	1769.12	1759.45	0.49	ppb
Molybdenum	96-1	1722.62	1741.68	1748.01	1737.44	0.76	ppb
Molybdenum	97-1	1775.04	1756.18	1793.73	1774.98	1.06	ppb
Molybdenum	98-1	1770.70	1723.94	1786.42	1760.35	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.28	24.79	23.94	24.34	1.76	ppb
Phosphorus	31-2	96157.32	96072.45	95822.69	96017.49	0.18	ppb
Potassium	39-2	91459.49	90225.41	90450.73	90711.88	0.72	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	20.16	19.87	20.77	20.27	2.27	ppb
Selenium	77-2	15.77	21.92	16.80	18.17	18.13	ppb
Selenium	78-2	20.01	22.96	18.58	20.52	10.90	ppb
Silicon	28-1	66.36	65.17	71.95	67.83	5.34	ppb
Silver	107-1	17.36	17.44	17.63	17.48	0.80	ppb
Silver	109-1	17.45	17.42	17.53	17.47	0.33	ppb
Sodium	23-2	92652.28	92001.74	92219.34	92291.12	0.36	ppb
Strontium	86-1	81.94	81.28	82.06	81.76	0.51	ppb
Strontium	88-1	81.22	81.14	81.65	81.34	0.33	ppb
Sulfur	34-1	97089.12	96505.13	99218.72	97604.32	1.46	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	22.24	21.80	22.70	22.25	2.04	ppb
Thallium	205-1	22.13	21.50	22.58	22.07	2.46	ppb
Tin	118-1	48.45	47.99	48.60	48.35	0.65	ppb
Titanium	47-1	1854.88	1834.87	1902.60	1864.12	1.87	ppb

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSAB025	Instrumnet Name :	P7
Client Sample ID :	ICSAB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:23:05	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	44.32	43.37	44.92	44.21	1.78	ppb
Vanadium	51-2	19.51	19.15	19.14	19.27	1.11	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	30.85	30.22	29.62	30.23	2.04	ppb
Zirconium	90-1	48.82	48.99	49.39	49.07	0.59	ppb
Zirconium	91-1	49.31	48.62	49.66	49.20	1.08	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV094	Instrumnet Name :	P7
Client Sample ID :	CCV094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:35:33	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48494.52	47437.81	47683.60	47871.98	1.16	ppb
Antimony	121-1	498.95	503.40	495.05	499.14	0.84	ppb
Arsenic	75-2	498.26	499.37	501.93	499.85	0.38	ppb
Barium	135-1	2559.05	2520.41	2549.55	2543.00	0.79	ppb
Barium	137-1	2532.44	2509.16	2541.69	2527.76	0.66	ppb
Beryllium	9-1	512.74	523.72	516.35	517.60	1.08	ppb
Bismuth	209-1				95		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	496.73	481.48	476.45	484.89	2.18	ppb
Cadmium	106-1	491.64	483.61	486.97	487.41	0.83	ppb
Cadmium	111-1	481.14	479.66	476.36	479.05	0.51	ppb
Calcium	43-1	241695.22	248323.08	251560.50	247192.93	2.03	ppb
Calcium	44-1	244452.46	244410.62	250449.57	246437.55	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.17	504.19	506.56	505.31	0.24	ppb
Cobalt	59-2	536.16	533.40	534.48	534.68	0.26	ppb
Copper	63-2	5091.13	5173.00	5066.06	5110.06	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	124685.90	125331.36	123769.14	124595.47	0.63	ppb
Iron	57-2	125986.07	124929.98	125972.58	125629.55	0.48	ppb
Iron	54-2	126545.80	124987.51	124855.35	125462.89	0.75	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV094	Instrumnet Name :	P7
Client Sample ID :	CCV094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:35:33	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2582.28	2602.22	2619.90	2601.47	0.72	ppb
Lead	207-1	2586.97	2620.23	2610.83	2606.01	0.66	ppb
Lead	208-1	2575.76	2632.05	2607.64	2605.15	1.08	ppb
Lithium	6-1				93		%
Magnesium	24-2	232051.31	228609.88	230042.33	230234.51	0.75	ppb
Manganese	55-2	5058.96	5047.77	5017.38	5041.37	0.43	ppb
Molybdenum	94-1	5088.83	5237.63	5193.45	5173.31	1.48	ppb
Molybdenum	95-1	5120.77	5213.33	5188.37	5174.16	0.93	ppb
Molybdenum	96-1	5101.65	5207.03	5161.47	5156.72	1.02	ppb
Molybdenum	97-1	5044.19	5214.98	5202.77	5153.98	1.85	ppb
Molybdenum	98-1	5152.88	5245.39	5168.41	5188.89	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.41	532.15	530.86	531.81	0.16	ppb
Phosphorus	31-2	10012.32	10034.09	10088.93	10045.11	0.39	ppb
Potassium	39-2	122293.68	120983.07	120773.70	121350.15	0.68	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	485.55	493.47	491.06	490.03	0.83	ppb
Selenium	77-2	513.83	476.75	480.76	490.45	4.15	ppb
Selenium	78-2	492.19	496.40	494.27	494.29	0.43	ppb
Silicon	28-1	781.25	784.14	814.40	793.26	2.31	ppb
Silver	107-1	477.44	486.25	479.25	480.98	0.97	ppb
Silver	109-1	484.61	486.07	475.16	481.94	1.23	ppb
Sodium	23-2	245702.62	243909.56	247096.00	245569.39	0.65	ppb
Strontium	86-1	12789.97	12943.22	12903.62	12878.94	0.62	ppb
Strontium	88-1	12774.36	13036.55	12878.72	12896.55	1.02	ppb
Sulfur	34-1	9838.97	9885.33	9994.56	9906.29	0.81	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	521.39	522.77	520.43	521.53	0.23	ppb
Thallium	205-1	521.15	525.96	529.51	525.54	0.80	ppb
Tin	118-1	506.02	518.83	510.10	511.65	1.28	ppb
Titanium	47-1	4967.70	5058.51	5130.05	5052.09	1.61	ppb

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV094	Instrumnet Name :	P7
Client Sample ID :	CCV094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:35:33	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	529.40	537.59	535.34	534.11	0.79	ppb
Vanadium	51-2	510.15	506.34	509.50	508.66	0.40	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%
Zinc	66-2	5216.12	5190.44	5207.86	5204.80	0.25	ppb
Zirconium	90-1	518.67	524.65	521.62	521.65	0.57	ppb
Zirconium	91-1	511.12	525.10	518.28	518.17	1.35	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB094	Instrumnet Name :	P7
Client Sample ID :	CCB094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:38:25	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.71	1.65	2.22	1.86	16.79	ppb
Antimony	121-1	0.32	0.33	0.35	0.33	5.81	ppb
Arsenic	75-2	0.11	0.09	-0.01	0.06	96.02	ppb
Barium	135-1	0.10	0.05	0.03	0.06	56.29	ppb
Barium	137-1	0.06	0.04	0.04	0.05	29.78	ppb
Beryllium	9-1	0.30	0.20	0.29	0.26	20.97	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	-0.05	-0.05	-0.05		ppb
Cadmium	106-1	-1.16	-2.39	-1.16	-1.57		ppb
Cadmium	111-1	-0.02	-0.14	-0.04	-0.07		ppb
Calcium	43-1	8.52	1.25	0.60	3.46	127.29	ppb
Calcium	44-1	3.44	1.77	0.59	1.93	74.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.00	0.07	0.04	90.96	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	36.96	ppb
Copper	63-2	0.36	0.19	0.34	0.29	30.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	6.21	6.66	7.59	6.82	10.28	ppb
Iron	57-2	1.45	3.51	4.72	3.23	51.32	ppb
Iron	54-2	4.45	6.38	7.16	6.00	23.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB094	Instrumnet Name :	P7
Client Sample ID :	CCB094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:38:25	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.12	0.05	0.11	51.57	ppb
Lead	207-1	0.11	0.10	0.09	0.10	10.13	ppb
Lead	208-1	0.13	0.09	0.07	0.10	29.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	8.34	7.97	9.83	8.71	11.25	ppb
Manganese	55-2	0.22	0.19	0.24	0.22	11.02	ppb
Molybdenum	94-1	0.50	0.50	0.45	0.48	5.81	ppb
Molybdenum	95-1	0.30	0.27	0.28	0.28	4.73	ppb
Molybdenum	96-1	0.42	0.32	0.29	0.34	20.49	ppb
Molybdenum	97-1	0.30	0.26	0.29	0.28	7.14	ppb
Molybdenum	98-1	0.33	0.29	0.28	0.30	8.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.06	0.05	0.05	11.35	ppb
Phosphorus	31-2	-4.95	-4.77	-12.46	-7.39		ppb
Potassium	39-2	2.82	0.12	5.88	2.94	97.87	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	-0.74	-0.53	0.02	-0.42		ppb
Selenium	77-2	0.86	0.23	-0.39	0.23	269.81	ppb
Selenium	78-2	0.50	-2.20	-1.00	-0.90		ppb
Silicon	28-1	-1.68	-4.46	-3.07	-3.07		ppb
Silver	107-1	0.07	0.05	0.03	0.05	34.20	ppb
Silver	109-1	0.06	0.04	0.04	0.05	14.72	ppb
Sodium	23-2	47.15	43.45	43.96	44.85	4.47	ppb
Strontium	86-1	0.50	0.34	0.37	0.40	20.99	ppb
Strontium	88-1	0.47	0.34	0.30	0.37	24.02	ppb
Sulfur	34-1	-115.28	-254.09	-139.49	-169.62		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.07	0.06	0.07	14.00	ppb
Thallium	205-1	0.08	0.05	0.05	0.06	21.46	ppb
Tin	118-1	0.04	0.07	0.05	0.05	25.41	ppb
Titanium	47-1	0.31	0.24	0.20	0.25	22.55	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB094	Instrumnet Name :	P7
Client Sample ID :	CCB094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:38:25	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	17.87	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	15.57	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	0.42	0.57	0.64	0.54	20.44	ppb
Zirconium	90-1	0.14	0.11	0.13	0.13	11.09	ppb
Zirconium	91-1	0.12	0.15	0.17	0.15	15.27	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:52:29	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34542.87	33842.84	34716.11	34367.28	1.35	ppb
Antimony	121-1	0.83	0.81	0.82	0.82	1.36	ppb
Arsenic	75-2	219.63	218.82	222.13	220.20	0.78	ppb
Barium	135-1	232.44	237.27	232.63	234.11	1.17	ppb
Barium	137-1	233.42	234.14	233.99	233.85	0.16	ppb
Beryllium	9-1	1.25	1.39	1.24	1.29	6.42	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.80	1.86	1.59	1.75	8.08	ppb
Cadmium	106-1	1.25	-0.27	-0.65	0.11	905.90	ppb
Cadmium	111-1	0.81	0.69	0.67	0.72	10.51	ppb
Calcium	43-1	13283.45	13272.76	13402.06	13319.42	0.54	ppb
Calcium	44-1	12853.37	13063.33	12712.07	12876.26	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.38	37.03	37.87	37.43	1.12	ppb
Cobalt	59-2	31.65	31.18	32.05	31.63	1.37	ppb
Copper	63-2	108.35	103.13	106.25	105.91	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	79969.85	78307.37	79925.20	79400.81	1.19	ppb
Iron	57-2	80241.80	77122.19	80504.17	79289.39	2.37	ppb
Iron	54-2	79736.87	78613.15	80879.40	79743.14	1.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:52:29	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.60	39.89	39.69	39.39	1.77	ppb
Lead	207-1	38.32	39.10	39.79	39.07	1.88	ppb
Lead	208-1	38.39	38.94	39.86	39.06	1.89	ppb
Lithium	6-1				108		%
Magnesium	24-2	12528.05	12332.60	13072.42	12644.36	3.03	ppb
Manganese	55-2	1421.94	1399.02	1420.57	1413.84	0.91	ppb
Molybdenum	94-1	14.60	14.14	14.59	14.45	1.83	ppb
Molybdenum	95-1	0.84	0.85	0.87	0.85	1.35	ppb
Molybdenum	96-1	2.82	2.77	2.84	2.81	1.25	ppb
Molybdenum	97-1	0.85	0.92	0.99	0.92	7.32	ppb
Molybdenum	98-1	0.85	0.85	0.82	0.84	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.03	34.57	33.96	34.18	0.97	ppb
Phosphorus	31-2	1991.44	2023.92	2080.98	2032.11	2.23	ppb
Potassium	39-2	5260.56	5154.52	5305.74	5240.28	1.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	-0.50	0.06	0.02	-0.14		ppb
Selenium	77-2	11.35	15.15	8.65	11.72	27.85	ppb
Selenium	78-2	1.73	1.68	1.64	1.68	2.65	ppb
Silicon	28-1	7896.74	7861.02	7878.15	7878.63	0.23	ppb
Silver	107-1	0.29	0.30	0.32	0.30	4.87	ppb
Silver	109-1	0.28	0.30	0.30	0.30	3.50	ppb
Sodium	23-2	191.40	189.18	196.83	192.47	2.04	ppb
Strontium	86-1	54.84	55.34	56.73	55.64	1.76	ppb
Strontium	88-1	55.61	55.23	57.06	55.97	1.72	ppb
Sulfur	34-1	-297.87	-568.40	-758.41	-541.56		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.26	0.25	0.23	0.25	5.71	ppb
Thallium	205-1	0.25	0.24	0.26	0.25	3.73	ppb
Tin	118-1	1.43	1.53	1.42	1.46	4.15	ppb
Titanium	47-1	1146.96	1150.46	1152.46	1149.96	0.24	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:52:29	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.65	0.68	0.66	1.85	ppb
Vanadium	51-2	147.47	145.87	150.97	148.10	1.76	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	200.05	196.28	205.49	200.60	2.31	ppb
Zirconium	90-1	8.06	8.08	8.29	8.14	1.56	ppb
Zirconium	91-1	7.94	8.00	8.24	8.06	1.98	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2823-01ADLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5X1ARE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:06:11	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6941.07	6834.82	6969.52	6915.14	1.03	ppb
Antimony	121-1	0.21	0.19	0.22	0.21	7.94	ppb
Arsenic	75-2	9.36	9.70	9.84	9.63	2.58	ppb
Barium	135-1	245.40	210.32	218.20	224.64	8.19	ppb
Barium	137-1	247.33	213.60	218.64	226.52	8.03	ppb
Beryllium	9-1	0.32	0.29	0.28	0.30	6.79	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.53	0.36	0.46	0.45	19.85	ppb
Cadmium	106-1	-1.66	-1.54	-2.75	-1.98		ppb
Cadmium	111-1	0.07	0.10	-0.01	0.05	101.95	ppb
Calcium	43-1	4315.27	3695.94	3723.60	3911.61	8.94	ppb
Calcium	44-1	4410.18	3762.33	3783.94	3985.48	9.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.03	11.82	11.57	11.81	1.93	ppb
Cobalt	59-2	6.63	6.59	6.48	6.56	1.13	ppb
Copper	63-2	19.78	19.55	19.78	19.71	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				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	14633.07	14357.53	14636.25	14542.28	1.10	ppb
Iron	57-2	15299.90	14980.05	15360.88	15213.61	1.34	ppb
Iron	54-2	15354.13	15163.64	15430.68	15316.15	0.90	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2823-01ADLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5X1ARE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:06:11	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.69	15.82	16.75	17.09	8.55	ppb
Lead	207-1	18.95	16.49	16.85	17.43	7.62	ppb
Lead	208-1	18.73	16.11	16.62	17.15	8.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	2883.52	2856.68	2896.23	2878.81	0.70	ppb
Manganese	55-2	327.57	325.60	329.73	327.64	0.63	ppb
Molybdenum	94-1	4.30	3.55	3.64	3.83	10.64	ppb
Molybdenum	95-1	0.22	0.20	0.19	0.20	8.52	ppb
Molybdenum	96-1	0.73	0.66	0.69	0.69	5.08	ppb
Molybdenum	97-1	0.22	0.25	0.18	0.22	16.14	ppb
Molybdenum	98-1	0.20	0.20	0.21	0.20	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.81	11.66	12.16	11.88	2.13	ppb
Phosphorus	31-2	402.86	361.55	383.99	382.80	5.40	ppb
Potassium	39-2	1410.86	1397.77	1416.96	1408.53	0.70	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	-0.79	-0.88	-0.15	-0.61		ppb
Selenium	77-2	1.40	3.17	2.58	2.39	37.88	ppb
Selenium	78-2	2.23	0.03	0.76	1.01	111.60	ppb
Silicon	28-1	2144.66	1845.11	1845.45	1945.07	8.89	ppb
Silver	107-1	0.11	0.09	0.11	0.10	9.92	ppb
Silver	109-1	0.12	0.09	0.11	0.10	16.24	ppb
Sodium	23-2	98.69	96.48	97.97	97.72	1.15	ppb
Strontium	86-1	21.19	18.00	18.35	19.18	9.13	ppb
Strontium	88-1	20.78	18.12	18.29	19.06	7.81	ppb
Sulfur	34-1	231.25	-849.76	-900.02	-506.18		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.06	0.06	0.06	13.91	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	11.67	ppb
Tin	118-1	1.27	1.07	1.05	1.13	10.73	ppb
Titanium	47-1	310.50	264.56	264.92	279.99	9.44	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2823-01ADLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5X1ARE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:06:11	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.24	0.25	0.25	7.56	ppb
Vanadium	51-2	80.47	79.33	80.22	80.01	0.75	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	66.43	65.35	66.04	65.94	0.83	ppb
Zirconium	90-1	2.41	2.12	2.14	2.22	7.26	ppb
Zirconium	91-1	2.35	2.13	2.13	2.20	5.64	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2824-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5K5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:09:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41527.31	42364.27	40855.12	41582.23	1.82	ppb
Antimony	121-1	1.24	1.32	1.28	1.28	3.20	ppb
Arsenic	75-2	167.54	168.47	167.16	167.72	0.40	ppb
Barium	135-1	431.61	450.00	446.08	442.56	2.19	ppb
Barium	137-1	440.98	444.42	445.26	443.55	0.51	ppb
Beryllium	9-1	1.23	1.13	1.18	1.18	4.03	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.95	1.70	1.04	1.56	30.23	ppb
Cadmium	106-1	1.18	1.85	0.84	1.29	40.24	ppb
Cadmium	111-1	0.81	0.88	0.88	0.86	4.38	ppb
Calcium	43-1	8589.03	8618.68	8691.13	8632.95	0.61	ppb
Calcium	44-1	8243.09	8191.73	8264.87	8233.23	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.52	132.82	131.13	132.16	0.68	ppb
Cobalt	59-2	75.16	75.57	73.94	74.89	1.13	ppb
Copper	63-2	183.62	186.61	181.72	183.98	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	163364.44	166089.85	161858.17	163770.82	1.31	ppb
Iron	57-2	164595.50	164759.34	161938.52	163764.45	0.97	ppb
Iron	54-2	165819.20	167386.27	164548.44	165917.97	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2824-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5K5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:09:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.23	52.11	50.44	50.92	2.02	ppb
Lead	207-1	52.25	52.52	50.94	51.90	1.63	ppb
Lead	208-1	51.05	51.65	50.62	51.11	1.02	ppb
Lithium	6-1				106		%
Magnesium	24-2	24126.35	24197.68	23890.41	24071.48	0.67	ppb
Manganese	55-2	8009.84	8207.84	8077.07	8098.25	1.24	ppb
Molybdenum	94-1	15.36	15.37	15.49	15.41	0.47	ppb
Molybdenum	95-1	1.96	2.00	1.94	1.97	1.49	ppb
Molybdenum	96-1	4.57	4.51	4.22	4.43	4.12	ppb
Molybdenum	97-1	1.87	1.94	1.82	1.88	3.02	ppb
Molybdenum	98-1	1.82	1.92	1.79	1.84	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.42	99.80	97.83	98.35	1.30	ppb
Phosphorus	31-2	1782.07	1776.14	1657.56	1738.59	4.04	ppb
Potassium	39-2	8569.08	8733.44	8475.46	8592.66	1.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	12.15	12.03	12.13	12.11	0.53	ppb
Selenium	77-2	22.63	20.14	20.03	20.94	7.03	ppb
Selenium	78-2	13.89	18.38	12.91	15.06	19.35	ppb
Silicon	28-1	5701.93	5630.67	5693.03	5675.21	0.68	ppb
Silver	107-1	0.25	0.27	0.28	0.27	5.36	ppb
Silver	109-1	0.20	0.27	0.26	0.25	14.65	ppb
Sodium	23-2	182.87	184.51	185.49	184.29	0.72	ppb
Strontium	86-1	75.21	77.23	76.10	76.18	1.33	ppb
Strontium	88-1	75.85	75.88	75.26	75.66	0.46	ppb
Sulfur	34-1	-1301.00	-1350.35	-1405.13	-1352.16		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.29	0.35	0.33	0.32	9.90	ppb
Thallium	205-1	0.31	0.32	0.32	0.32	2.75	ppb
Tin	118-1	2.28	2.28	2.31	2.29	0.87	ppb
Titanium	47-1	829.16	822.63	818.77	823.52	0.64	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2824-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5K5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:09:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.85	0.83	0.83	1.52	ppb
Vanadium	51-2	266.74	272.43	265.73	268.30	1.35	ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	285.90	289.43	286.38	287.23	0.67	ppb
Zirconium	90-1	8.24	8.43	8.24	8.30	1.29	ppb
Zirconium	91-1	8.46	8.35	8.26	8.36	1.22	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:23:04	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11813.86	11555.91	11789.48	11719.75	1.22	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	6.52	ppb
Arsenic	75-2	7.75	8.19	8.39	8.11	4.03	ppb
Barium	135-1	136.37	135.29	135.43	135.70	0.43	ppb
Barium	137-1	136.24	136.84	135.65	136.24	0.44	ppb
Beryllium	9-1	0.51	0.43	0.58	0.51	14.73	ppb
Bismuth	209-1				102		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.19	0.23	0.34	67.23	ppb
Cadmium	106-1	-2.23	-1.54	-1.82	-1.86		ppb
Cadmium	111-1	-0.04	-0.03	0.00	-0.02		ppb
Calcium	43-1	4480.22	4445.82	4487.29	4471.11	0.50	ppb
Calcium	44-1	4513.19	4511.86	4531.50	4518.85	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.59	14.57	14.80	14.65	0.90	ppb
Cobalt	59-2	8.87	8.61	8.84	8.77	1.64	ppb
Copper	63-2	21.33	20.76	21.14	21.08	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	17833.29	17487.02	17967.03	17762.45	1.39	ppb
Iron	57-2	18783.66	18376.86	18732.86	18631.13	1.19	ppb
Iron	54-2	18902.46	18575.86	18981.27	18819.86	1.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:23:04	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.05	10.43	10.45	10.31	2.21	ppb
Lead	207-1	10.06	10.13	10.08	10.09	0.35	ppb
Lead	208-1	9.90	10.18	10.11	10.07	1.46	ppb
Lithium	6-1				102		%
Magnesium	24-2	4549.64	4432.06	4571.75	4517.81	1.66	ppb
Manganese	55-2	498.38	495.24	506.23	499.95	1.13	ppb
Molybdenum	94-1	3.79	3.72	3.73	3.75	1.07	ppb
Molybdenum	95-1	0.15	0.13	0.16	0.15	12.21	ppb
Molybdenum	96-1	0.65	0.64	0.63	0.64	1.34	ppb
Molybdenum	97-1	0.15	0.17	0.15	0.16	9.46	ppb
Molybdenum	98-1	0.13	0.15	0.14	0.14	6.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.43	12.83	12.84	13.04	2.65	ppb
Phosphorus	31-2	581.26	527.64	574.69	561.20	5.21	ppb
Potassium	39-2	1458.46	1432.22	1472.31	1454.33	1.40	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	-0.09	-0.26	-0.04	-0.13		ppb
Selenium	77-2	2.69	5.72	2.69	3.70	47.29	ppb
Selenium	78-2	0.61	-1.11	-1.26	-0.59		ppb
Silicon	28-1	2119.35	2158.56	2171.54	2149.82	1.26	ppb
Silver	107-1	0.04	0.05	0.05	0.05	12.67	ppb
Silver	109-1	0.04	0.05	0.05	0.05	16.68	ppb
Sodium	23-2	60.55	56.15	59.67	58.79	3.96	ppb
Strontium	86-1	25.12	25.23	25.36	25.24	0.47	ppb
Strontium	88-1	24.97	25.21	25.30	25.16	0.67	ppb
Sulfur	34-1	-900.16	-1073.26	-1173.05	-1048.83		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.09	0.07	0.07	0.08	18.83	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	3.02	ppb
Tin	118-1	0.67	0.64	0.64	0.65	2.56	ppb
Titanium	47-1	103.98	107.02	107.42	106.14	1.77	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:23:04	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.22	0.21	0.21	2.19	ppb
Vanadium	51-2	29.69	29.57	29.97	29.74	0.69	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	48.16	47.64	47.21	47.67	1.00	ppb
Zirconium	90-1	2.15	2.18	2.17	2.16	0.73	ppb
Zirconium	91-1	2.17	2.13	2.21	2.17	1.87	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:26:25	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11860.65	11828.31	11730.92	11806.63	0.57	ppb
Antimony	121-1	0.07	0.07	0.06	0.07	3.42	ppb
Arsenic	75-2	8.05	8.18	8.13	8.12	0.81	ppb
Barium	135-1	135.56	135.11	134.41	135.03	0.43	ppb
Barium	137-1	136.32	134.74	135.18	135.41	0.60	ppb
Beryllium	9-1	0.58	0.66	0.56	0.60	9.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.19	0.09	0.51	0.26	83.36	ppb
Cadmium	106-1	0.02	-0.74	-1.61	-0.77		ppb
Cadmium	111-1	0.13	0.06	-0.05	0.05	201.52	ppb
Calcium	43-1	4552.63	4534.52	4620.86	4569.34	1.00	ppb
Calcium	44-1	4609.81	4586.14	4647.29	4614.41	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.71	17.32	16.45	16.83	2.66	ppb
Cobalt	59-2	8.83	8.81	8.69	8.78	0.90	ppb
Copper	63-2	21.03	21.32	21.05	21.13	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				102		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	18027.93	17976.41	17621.38	17875.24	1.24	ppb
Iron	57-2	18887.60	18632.76	18554.45	18691.60	0.93	ppb
Iron	54-2	19054.64	18775.75	18782.78	18871.06	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:26:25	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.46	10.42	10.84	10.58	2.20	ppb
Lead	207-1	10.21	10.02	10.60	10.28	2.91	ppb
Lead	208-1	10.24	10.10	10.53	10.29	2.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	4609.65	4574.45	4493.08	4559.06	1.31	ppb
Manganese	55-2	498.49	497.42	495.42	497.11	0.31	ppb
Molybdenum	94-1	3.90	4.00	3.96	3.95	1.33	ppb
Molybdenum	95-1	0.14	0.16	0.15	0.15	8.02	ppb
Molybdenum	96-1	0.71	0.72	0.74	0.73	2.39	ppb
Molybdenum	97-1	0.17	0.18	0.23	0.19	14.80	ppb
Molybdenum	98-1	0.17	0.17	0.17	0.17	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.75	13.91	14.47	14.71	6.43	ppb
Phosphorus	31-2	528.13	551.63	536.92	538.89	2.20	ppb
Potassium	39-2	1479.67	1475.20	1443.57	1466.15	1.34	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.40	0.26	-0.50	0.05	905.77	ppb
Selenium	77-2	4.52	5.80	3.32	4.55	27.27	ppb
Selenium	78-2	-1.84	1.21	0.45	-0.06		ppb
Silicon	28-1	2186.52	2187.49	2195.48	2189.83	0.22	ppb
Silver	107-1	0.05	0.04	0.04	0.04	11.14	ppb
Silver	109-1	0.05	0.04	0.05	0.05	10.34	ppb
Sodium	23-2	65.69	63.33	66.19	65.07	2.35	ppb
Strontium	86-1	25.85	26.34	26.35	26.18	1.10	ppb
Strontium	88-1	25.79	26.22	26.19	26.07	0.92	ppb
Sulfur	34-1	-1402.87	-1507.61	-1388.49	-1432.99		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.06	0.07	0.08	0.07	11.24	ppb
Thallium	205-1	0.07	0.08	0.08	0.07	6.36	ppb
Tin	118-1	0.63	0.62	0.59	0.61	2.82	ppb
Titanium	47-1	106.19	105.93	106.93	106.35	0.49	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:26:25	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.22	0.21	2.19	ppb
Vanadium	51-2	30.55	30.07	29.93	30.18	1.07	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	48.00	47.41	47.02	47.48	1.05	ppb
Zirconium	90-1	2.14	2.27	2.27	2.23	3.33	ppb
Zirconium	91-1	2.22	2.14	2.21	2.19	1.94	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 14:29:50	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2290.57	2275.59	2288.75	2284.97	0.36	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	9.11	ppb
Arsenic	75-2	1.87	1.62	1.73	1.74	7.29	ppb
Barium	135-1	25.88	26.26	26.98	26.38	2.12	ppb
Barium	137-1	26.13	26.75	26.78	26.55	1.39	ppb
Beryllium	9-1	0.03	0.05	0.16	0.08	81.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.05	-0.05	0.00	9481.12	ppb
Cadmium	106-1	-2.97	-0.64	-1.72	-1.77		ppb
Cadmium	111-1	-0.19	-0.02	-0.10	-0.10		ppb
Calcium	43-1	867.30	863.69	878.12	869.70	0.86	ppb
Calcium	44-1	878.93	874.68	887.20	880.27	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.92	2.93	2.95	2.94	0.52	ppb
Cobalt	59-2	1.79	1.72	1.65	1.72	3.96	ppb
Copper	63-2	4.18	4.00	4.10	4.09	2.18	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				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	3545.92	3502.57	3499.52	3516.01	0.74	ppb
Iron	57-2	3705.94	3687.77	3666.13	3686.61	0.54	ppb
Iron	54-2	3684.40	3651.31	3725.66	3687.12	1.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 14:29:50	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.90	1.95	1.99	1.95	2.48	ppb
Lead	207-1	1.84	1.85	1.91	1.87	1.99	ppb
Lead	208-1	1.84	1.86	1.92	1.88	2.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	881.77	879.88	890.26	883.97	0.63	ppb
Manganese	55-2	99.47	96.89	98.32	98.23	1.32	ppb
Molybdenum	94-1	0.65	0.81	0.78	0.75	11.27	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	38.42	ppb
Molybdenum	96-1	0.13	0.14	0.14	0.13	5.20	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	22.05	ppb
Molybdenum	98-1	0.01	0.02	0.04	0.02	50.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.74	2.94	2.79	2.82	3.58	ppb
Phosphorus	31-2	101.26	94.24	97.77	97.76	3.59	ppb
Potassium	39-2	281.55	271.40	274.54	275.83	1.88	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	-0.23	-0.88	-0.47	-0.53		ppb
Selenium	77-2	-0.39	0.21	1.48	0.43	219.53	ppb
Selenium	78-2	0.98	-0.61	-1.02	-0.22		ppb
Silicon	28-1	412.45	415.39	420.06	415.96	0.92	ppb
Silver	107-1	0.01	0.01	0.02	0.01	33.94	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.66	ppb
Sodium	23-2	22.88	21.82	22.33	22.34	2.36	ppb
Strontium	86-1	4.90	5.09	5.19	5.06	2.87	ppb
Strontium	88-1	5.06	4.95	5.08	5.03	1.34	ppb
Sulfur	34-1	-1676.98	-1712.21	-1649.96	-1679.72		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.02	0.02	31.20	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	29.06	ppb
Tin	118-1	0.14	0.14	0.16	0.15	8.50	ppb
Titanium	47-1	19.95	20.81	20.85	20.54	2.47	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 14:29:50	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	4.86	ppb
Vanadium	51-2	5.69	5.66	5.92	5.75	2.51	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	9.61	9.51	9.79	9.64	1.48	ppb
Zirconium	90-1	0.43	0.46	0.44	0.44	2.93	ppb
Zirconium	91-1	0.45	0.47	0.43	0.45	4.23	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:33:11	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12178.48	12101.23	12231.99	12170.57	0.54	ppb
Antimony	121-1	15.81	16.10	15.81	15.91	1.04	ppb
Arsenic	75-2	15.22	15.80	15.05	15.36	2.55	ppb
Barium	135-1	437.18	445.70	441.38	441.42	0.97	ppb
Barium	137-1	436.97	444.51	441.58	441.02	0.86	ppb
Beryllium	9-1	8.69	8.72	8.90	8.77	1.32	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.60	7.41	7.75	7.92	7.79	ppb
Cadmium	106-1	5.93	7.07	6.59	6.53	8.81	ppb
Cadmium	111-1	8.16	8.53	8.46	8.38	2.32	ppb
Calcium	43-1	4767.43	4672.25	4883.54	4774.41	2.22	ppb
Calcium	44-1	4893.42	4844.59	4891.03	4876.34	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.82	49.50	49.31	49.21	0.71	ppb
Cobalt	59-2	91.59	92.01	91.89	91.83	0.24	ppb
Copper	63-2	60.92	60.82	61.20	60.98	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	18974.74	19108.82	19049.01	19044.19	0.35	ppb
Iron	57-2	19629.84	19711.78	19869.08	19736.90	0.62	ppb
Iron	54-2	19943.08	19934.71	19957.34	19945.04	0.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:33:11	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.94	14.17	14.35	14.15	1.45	ppb
Lead	207-1	13.62	13.68	13.68	13.66	0.25	ppb
Lead	208-1	13.61	13.67	13.81	13.70	0.74	ppb
Lithium	6-1				100		%
Magnesium	24-2	4715.02	4739.32	4783.98	4746.11	0.74	ppb
Manganese	55-2	622.26	624.05	621.19	622.50	0.23	ppb
Molybdenum	94-1	3.87	3.49	3.98	3.78	6.79	ppb
Molybdenum	95-1	0.16	0.20	0.19	0.19	10.44	ppb
Molybdenum	96-1	0.69	0.70	0.75	0.71	4.19	ppb
Molybdenum	97-1	0.21	0.19	0.18	0.19	9.00	ppb
Molybdenum	98-1	0.19	0.17	0.21	0.19	8.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.97	99.69	99.98	99.55	0.52	ppb
Phosphorus	31-2	617.32	595.85	586.28	599.82	2.65	ppb
Potassium	39-2	1533.80	1526.54	1551.60	1537.31	0.84	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	17.01	17.76	16.65	17.14	3.31	ppb
Selenium	77-2	24.30	23.22	15.27	20.93	23.58	ppb
Selenium	78-2	15.90	20.08	17.73	17.90	11.69	ppb
Silicon	28-1	2180.66	2158.81	2166.08	2168.52	0.51	ppb
Silver	107-1	7.86	8.08	7.90	7.95	1.51	ppb
Silver	109-1	7.84	8.00	7.95	7.93	1.05	ppb
Sodium	23-2	60.48	62.42	66.11	63.00	4.53	ppb
Strontium	86-1	26.80	26.72	27.18	26.90	0.92	ppb
Strontium	88-1	26.87	26.95	27.45	27.09	1.15	ppb
Sulfur	34-1	-1659.30	-1916.75	-1746.52	-1774.19		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	7.02	7.09	7.21	7.11	1.37	ppb
Thallium	205-1	7.05	7.09	7.12	7.08	0.49	ppb
Tin	118-1	0.70	0.77	0.68	0.72	6.73	ppb
Titanium	47-1	114.47	113.08	116.62	114.72	1.56	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:33:11	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.22	0.23	2.14	ppb
Vanadium	51-2	112.29	112.51	111.90	112.24	0.27	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	131.80	131.97	134.15	132.64	0.99	ppb
Zirconium	90-1	2.13	2.12	2.21	2.15	2.25	ppb
Zirconium	91-1	2.20	2.15	2.14	2.17	1.58	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:36:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12800.76	12761.38	12879.26	12813.80	0.47	ppb
Antimony	121-1	78.28	79.68	78.15	78.71	1.08	ppb
Arsenic	75-2	37.66	37.32	38.74	37.91	1.96	ppb
Barium	135-1	1749.26	1746.53	1691.37	1729.05	1.89	ppb
Barium	137-1	1721.84	1706.94	1726.22	1718.34	0.59	ppb
Beryllium	9-1	40.95	41.42	39.61	40.66	2.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.08	38.69	35.89	37.22	3.77	ppb
Cadmium	106-1	32.97	33.19	32.58	32.92	0.94	ppb
Cadmium	111-1	40.95	40.83	40.67	40.82	0.35	ppb
Calcium	43-1	4723.74	4756.12	4687.11	4722.32	0.73	ppb
Calcium	44-1	4768.33	4882.90	4751.74	4800.99	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171.87	172.44	174.30	172.87	0.74	ppb
Cobalt	59-2	401.52	399.77	404.96	402.09	0.66	ppb
Copper	63-2	208.42	207.58	210.18	208.73	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				100		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	18728.33	18626.53	18958.90	18771.25	0.91	ppb
Iron	57-2	19689.57	19683.41	19956.17	19776.38	0.79	ppb
Iron	54-2	19947.26	19912.92	20090.24	19983.47	0.47	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:36:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.10	25.27	24.47	24.95	1.68	ppb
Lead	207-1	24.59	24.68	23.85	24.37	1.87	ppb
Lead	208-1	24.66	24.94	23.88	24.49	2.25	ppb
Lithium	6-1				97		%
Magnesium	24-2	4533.49	4516.35	4574.94	4541.60	0.66	ppb
Manganese	55-2	905.52	901.84	911.96	906.44	0.57	ppb
Molybdenum	94-1	3.61	3.87	3.74	3.74	3.55	ppb
Molybdenum	95-1	0.20	0.19	0.19	0.20	2.04	ppb
Molybdenum	96-1	0.69	0.67	0.67	0.67	1.53	ppb
Molybdenum	97-1	0.18	0.21	0.15	0.18	16.17	ppb
Molybdenum	98-1	0.18	0.21	0.18	0.19	8.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	420.45	415.59	421.00	419.01	0.71	ppb
Phosphorus	31-2	560.37	562.12	590.40	570.96	2.95	ppb
Potassium	39-2	1457.01	1461.27	1480.96	1466.41	0.87	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	88.35	90.68	87.96	89.00	1.65	ppb
Selenium	77-2	87.97	84.95	90.32	87.75	3.07	ppb
Selenium	78-2	87.81	82.65	79.64	83.37	4.96	ppb
Silicon	28-1	2105.72	2175.69	2096.27	2125.89	2.04	ppb
Silver	107-1	38.85	39.89	39.10	39.28	1.38	ppb
Silver	109-1	39.69	40.30	39.69	39.89	0.89	ppb
Sodium	23-2	63.13	62.54	71.29	65.65	7.45	ppb
Strontium	86-1	26.85	26.79	25.81	26.49	2.22	ppb
Strontium	88-1	26.56	26.84	26.31	26.57	1.01	ppb
Sulfur	34-1	-1654.65	-1674.21	-1875.58	-1734.81		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	34.85	35.00	33.71	34.52	2.04	ppb
Thallium	205-1	34.46	34.75	33.41	34.21	2.05	ppb
Tin	118-1	0.76	0.77	0.74	0.76	1.79	ppb
Titanium	47-1	111.61	115.85	113.29	113.58	1.88	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:36:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.22	0.21	0.22	3.10	ppb
Vanadium	51-2	410.69	411.07	416.03	412.59	0.72	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	434.86	435.85	449.15	439.95	1.81	ppb
Zirconium	90-1	2.07	2.17	2.04	2.09	3.25	ppb
Zirconium	91-1	2.10	2.23	2.07	2.13	4.16	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV095	Instrumnet Name :	P7
Client Sample ID :	CCV095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:44:37	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47392.72	48682.61	47776.55	47950.62	1.38	ppb
Antimony	121-1	503.86	502.17	512.42	506.15	1.09	ppb
Arsenic	75-2	502.17	508.25	505.83	505.42	0.61	ppb
Barium	135-1	2570.00	2554.40	2590.30	2571.57	0.70	ppb
Barium	137-1	2593.21	2533.77	2570.39	2565.79	1.17	ppb
Beryllium	9-1	520.68	521.21	525.02	522.30	0.45	ppb
Bismuth	209-1				93		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	485.79	494.44	497.05	492.43	1.20	ppb
Cadmium	106-1	504.80	494.37	501.07	500.08	1.06	ppb
Cadmium	111-1	488.96	487.07	495.93	490.65	0.95	ppb
Calcium	43-1	244242.92	255160.73	252666.76	250690.14	2.28	ppb
Calcium	44-1	245921.34	253937.95	250533.52	250130.94	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.78	514.12	511.22	511.71	0.43	ppb
Cobalt	59-2	538.41	543.35	541.28	541.01	0.46	ppb
Copper	63-2	5249.11	5259.57	5231.25	5246.64	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				83		%
Iron	56-2	125863.99	127571.13	126607.14	126680.76	0.68	ppb
Iron	57-2	127341.44	126755.31	125511.87	126536.21	0.74	ppb
Iron	54-2	127121.59	129924.77	127692.58	128246.31	1.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV095	Instrumnet Name :	P7
Client Sample ID :	CCV095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:44:37	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2570.78	2644.66	2603.72	2606.39	1.42	ppb
Lead	207-1	2557.33	2664.35	2604.61	2608.76	2.06	ppb
Lead	208-1	2553.14	2643.98	2589.75	2595.62	1.76	ppb
Lithium	6-1				89		%
Magnesium	24-2	229989.47	230000.38	231478.10	230489.32	0.37	ppb
Manganese	55-2	5105.81	5197.62	5181.49	5161.64	0.95	ppb
Molybdenum	94-1	5203.82	5227.35	5208.07	5213.08	0.24	ppb
Molybdenum	95-1	5112.47	5237.34	5151.58	5167.13	1.24	ppb
Molybdenum	96-1	5160.57	5259.32	5188.29	5202.73	0.98	ppb
Molybdenum	97-1	5108.50	5235.52	5213.69	5185.90	1.31	ppb
Molybdenum	98-1	5139.18	5289.02	5200.46	5209.55	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.22	541.74	538.75	539.24	0.43	ppb
Phosphorus	31-2	9982.25	10340.86	10042.90	10122.00	1.90	ppb
Potassium	39-2	121483.67	122730.97	122040.93	122085.19	0.51	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	495.69	493.64	496.22	495.19	0.28	ppb
Selenium	77-2	485.69	502.68	534.08	507.48	4.84	ppb
Selenium	78-2	477.94	505.53	481.29	488.25	3.08	ppb
Silicon	28-1	780.06	821.68	813.32	805.02	2.74	ppb
Silver	107-1	492.35	484.95	491.81	489.70	0.84	ppb
Silver	109-1	489.79	489.47	494.30	491.19	0.55	ppb
Sodium	23-2	242913.88	246295.97	246725.66	245311.83	0.85	ppb
Strontium	86-1	12877.29	13139.83	12899.57	12972.23	1.12	ppb
Strontium	88-1	12936.77	13005.43	12926.38	12956.19	0.33	ppb
Sulfur	34-1	10077.81	10645.09	10572.00	10431.63	2.96	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	505.56	530.24	520.84	518.88	2.40	ppb
Thallium	205-1	509.01	535.60	523.12	522.58	2.55	ppb
Tin	118-1	522.37	517.68	527.36	522.47	0.93	ppb
Titanium	47-1	4959.64	5192.86	5149.92	5100.81	2.43	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV095	Instrumnet Name :	P7
Client Sample ID :	CCV095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:44:37	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.75	542.40	525.93	530.02	2.06	ppb
Vanadium	51-2	510.14	520.96	516.56	515.89	1.06	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%
Zinc	66-2	5227.96	5342.73	5283.07	5284.58	1.09	ppb
Zirconium	90-1	522.92	524.59	526.59	524.70	0.35	ppb
Zirconium	91-1	513.40	520.72	521.22	518.45	0.84	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB095	Instrumnet Name :	P7
Client Sample ID :	CCB095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:50:48	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	0.61	0.49	0.46	36.69	ppb
Antimony	121-1	0.10	0.11	0.12	0.11	9.81	ppb
Arsenic	75-2	0.05	0.01	-0.01	0.02	150.09	ppb
Barium	135-1	0.03	0.02	0.01	0.02	35.31	ppb
Barium	137-1	0.03	-0.01	0.01	0.01	141.29	ppb
Beryllium	9-1	0.11	0.18	0.13	0.14	27.54	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.09	0.00	-0.09	-0.06		ppb
Cadmium	106-1	-1.09	-0.03	-2.02	-1.05		ppb
Cadmium	111-1	-0.05	0.01	-0.12	-0.05		ppb
Calcium	43-1	-1.16	-6.19	-4.56	-3.97		ppb
Calcium	44-1	-6.24	-5.68	-5.61	-5.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.04	-0.03	-0.01		ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	66.73	ppb
Copper	63-2	0.06	0.02	0.03	0.04	50.22	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				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	2.67	2.72	2.60	2.66	2.27	ppb
Iron	57-2	-0.25	2.13	0.59	0.82	146.50	ppb
Iron	54-2	3.15	1.94	1.11	2.07	49.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB095	Instrumnet Name :	P7
Client Sample ID :	CCB095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:50:48	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.00	0.00	0.01	168.85	ppb
Lead	207-1	0.00	-0.01	0.03	0.01	244.53	ppb
Lead	208-1	0.01	0.00	0.01	0.01	117.35	ppb
Lithium	6-1				104		%
Magnesium	24-2	3.24	2.90	1.94	2.69	25.03	ppb
Manganese	55-2	0.07	0.07	0.10	0.08	20.78	ppb
Molybdenum	94-1	0.22	0.16	0.14	0.17	23.78	ppb
Molybdenum	95-1	0.10	0.08	0.12	0.10	16.67	ppb
Molybdenum	96-1	0.09	0.09	0.10	0.10	8.27	ppb
Molybdenum	97-1	0.10	0.11	0.09	0.10	8.39	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	6.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.02	-0.02	0.00	1408.62	ppb
Phosphorus	31-2	-7.35	-4.11	-8.31	-6.59		ppb
Potassium	39-2	-9.58	-4.83	-13.48	-9.29		ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	-0.15	-0.77	-0.32	-0.41		ppb
Selenium	77-2	-0.39	-0.39	-0.39	-0.39		ppb
Selenium	78-2	-0.36	-1.06	-0.54	-0.66		ppb
Silicon	28-1	-5.65	-6.81	-4.35	-5.61		ppb
Silver	107-1	0.01	0.02	0.01	0.01	58.09	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.28	ppb
Sodium	23-2	27.98	27.62	25.34	26.98	5.31	ppb
Strontium	86-1	0.12	0.12	0.16	0.14	15.87	ppb
Strontium	88-1	0.14	0.13	0.12	0.13	7.40	ppb
Sulfur	34-1	-109.64	-338.75	-151.65	-200.02		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.04	0.03	15.94	ppb
Thallium	205-1	0.04	0.03	0.04	0.03	8.22	ppb
Tin	118-1	0.01	0.01	0.01	0.01	36.96	ppb
Titanium	47-1	0.07	0.11	0.04	0.08	45.05	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB095	Instrumnet Name :	P7
Client Sample ID :	CCB095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:50:48	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	8.96	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	33.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.12	0.09	0.10	0.10	12.89	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	13.71	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	3.81	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	0.01	-0.01	0.09	180.81	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	41.71	ppb
Arsenic	75-2	-0.01	0.05	-0.01	0.01	250.98	ppb
Barium	135-1	0.00	0.02	0.01	0.01	136.59	ppb
Barium	137-1	0.00	0.00	0.01	0.00	152.65	ppb
Beryllium	9-1	0.01	0.04	0.00	0.01	165.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.09	0.00	-0.09	-0.06		ppb
Cadmium	106-1	-1.95	-0.96	-3.15	-2.02		ppb
Cadmium	111-1	-0.14	-0.06	-0.23	-0.14		ppb
Calcium	43-1	-2.62	-3.98	-4.34	-3.65		ppb
Calcium	44-1	-9.45	-9.99	-8.97	-9.47		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	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	-0.13	-0.13	-0.11	-0.12		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	-0.13	0.05	-0.11	-0.06		ppb
Iron	57-2	-4.25	-1.85	-2.34	-2.81		ppb
Iron	54-2	-0.01	-1.60	-0.98	-0.86		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.06	-0.07	-0.07	-0.06		ppb
Lead	207-1	-0.06	-0.08	-0.08	-0.07		ppb
Lead	208-1	-0.07	-0.08	-0.07	-0.07		ppb
Lithium	6-1				100		%
Magnesium	24-2	1.15	0.83	1.44	1.14	26.83	ppb
Manganese	55-2	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.02	0.00	-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	0.02	-0.03	-0.03	-0.01		ppb
Phosphorus	31-2	-14.75	-10.86	-16.88	-14.17		ppb
Potassium	39-2	-13.85	-6.62	-9.86	-10.11		ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	-1.15	-0.30	-0.36	-0.60		ppb
Selenium	77-2	-0.39	-0.39	-0.39	-0.39		ppb
Selenium	78-2	-0.88	-0.01	-0.79	-0.56		ppb
Silicon	28-1	-6.02	-4.68	-6.66	-5.79		ppb
Silver	107-1	0.00	0.00	0.00	0.00	1210.52	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	2.21	3.55	3.58	3.11	25.05	ppb
Strontium	86-1	0.00	0.01	-0.02	0.00		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	9.73	286.90	72.80	123.14	117.98	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	0.00	0.00	249.14	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	78.70	ppb
Tin	118-1	-0.02	0.04	0.03	0.02	170.03	ppb
Titanium	47-1	0.02	0.03	0.04	0.03	42.53	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:25:58	DataFile Name :	031CCBE.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	127.61	ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.05	-0.01	0.05	0.03	121.23	ppb
Zirconium	90-1	0.00	0.02	0.00	0.01	157.88	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	35.45	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:29:20	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.68	38.43	39.21	38.78	1.03	ppb
Antimony	121-1	3.91	3.99	4.05	3.98	1.85	ppb
Arsenic	75-2	2.13	2.51	2.04	2.23	11.29	ppb
Barium	135-1	18.69	18.35	18.98	18.67	1.68	ppb
Barium	137-1	18.75	18.83	18.92	18.83	0.44	ppb
Beryllium	9-1	1.89	2.18	2.05	2.04	6.91	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.07	2.43	1.81	2.10	14.81	ppb
Cadmium	106-1	1.87	1.06	1.65	1.53	27.69	ppb
Cadmium	111-1	2.25	2.15	2.36	2.26	4.62	ppb
Calcium	43-1	938.80	975.61	989.12	967.84	2.69	ppb
Calcium	44-1	949.95	1002.12	1017.13	989.73	3.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.48	4.57	4.65	4.57	1.83	ppb
Cobalt	59-2	2.26	2.10	2.11	2.16	4.04	ppb
Copper	63-2	4.13	4.16	4.25	4.18	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	442.06	438.23	435.60	438.63	0.74	ppb
Iron	57-2	445.12	448.54	445.30	446.32	0.43	ppb
Iron	54-2	438.39	442.28	436.20	438.96	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:29:20	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.72	1.69	1.73	1.71	1.13	ppb
Lead	207-1	1.64	1.73	1.67	1.68	2.75	ppb
Lead	208-1	1.68	1.70	1.69	1.69	0.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	1015.34	996.27	991.51	1001.04	1.26	ppb
Manganese	55-2	2.24	2.34	2.21	2.27	3.05	ppb
Molybdenum	94-1	10.73	10.92	10.92	10.86	1.04	ppb
Molybdenum	95-1	8.92	8.83	8.94	8.90	0.65	ppb
Molybdenum	96-1	9.13	9.00	9.23	9.12	1.26	ppb
Molybdenum	97-1	8.81	8.83	8.89	8.84	0.47	ppb
Molybdenum	98-1	8.96	8.98	8.85	8.93	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.49	2.22	2.27	2.33	6.29	ppb
Phosphorus	31-2	-15.99	-8.84	-15.44	-13.43		ppb
Potassium	39-2	1034.01	1028.16	1009.79	1023.99	1.23	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	10.04	9.73	9.58	9.78	2.37	ppb
Selenium	77-2	8.81	12.01	9.54	10.12	16.61	ppb
Selenium	78-2	11.81	10.12	11.64	11.19	8.31	ppb
Silicon	28-1	12.16	16.51	16.98	15.22	17.47	ppb
Silver	107-1	1.97	2.05	2.05	2.03	2.32	ppb
Silver	109-1	1.92	1.95	1.99	1.95	1.79	ppb
Sodium	23-2	1016.02	1012.35	997.11	1008.49	0.99	ppb
Strontium	86-1	2.00	2.06	1.98	2.01	2.02	ppb
Strontium	88-1	1.99	1.99	1.97	1.98	0.56	ppb
Sulfur	34-1	93.23	425.19	435.59	318.00	61.24	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	1.68	1.78	1.75	1.74	2.78	ppb
Thallium	205-1	1.71	1.76	1.72	1.73	1.56	ppb
Tin	118-1	0.18	0.05	0.06	0.10	72.90	ppb
Titanium	47-1	8.99	9.24	9.66	9.30	3.60	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:29:20	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.61	1.66	1.64	1.72	ppb
Vanadium	51-2	10.24	9.98	10.17	10.13	1.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	10.66	11.20	10.61	10.82	3.03	ppb
Zirconium	90-1	2.05	2.07	1.99	2.04	2.09	ppb
Zirconium	91-1	2.14	2.01	1.93	2.02	5.33	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:32:44	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.08	20.36	19.71	20.38	3.35	ppb
Antimony	121-1	2.02	2.09	2.01	2.04	2.27	ppb
Arsenic	75-2	1.33	0.94	1.03	1.10	18.77	ppb
Barium	135-1	9.55	9.39	9.73	9.56	1.75	ppb
Barium	137-1	9.45	9.32	9.51	9.43	1.06	ppb
Beryllium	9-1	1.21	1.07	1.19	1.16	6.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.22	0.86	1.03	1.04	17.00	ppb
Cadmium	106-1	0.29	0.35	-0.34	0.10	378.46	ppb
Cadmium	111-1	1.34	1.19	1.12	1.21	9.19	ppb
Calcium	43-1	503.85	495.92	508.40	502.72	1.26	ppb
Calcium	44-1	510.07	497.29	507.74	505.04	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.38	2.48	2.37	2.41	2.69	ppb
Cobalt	59-2	1.03	1.02	1.22	1.09	10.12	ppb
Copper	63-2	2.31	2.08	2.08	2.16	6.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	224.16	222.85	224.63	223.88	0.41	ppb
Iron	57-2	217.63	224.71	237.80	226.72	4.51	ppb
Iron	54-2	227.25	229.79	234.33	230.46	1.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:32:44	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.85	0.86	0.90	0.87	3.11	ppb
Lead	207-1	0.89	0.85	0.82	0.85	3.96	ppb
Lead	208-1	0.86	0.83	0.85	0.85	1.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	511.90	519.28	522.71	517.96	1.07	ppb
Manganese	55-2	1.09	1.15	0.98	1.07	7.91	ppb
Molybdenum	94-1	5.58	5.68	5.59	5.61	1.05	ppb
Molybdenum	95-1	4.63	4.54	4.60	4.59	0.97	ppb
Molybdenum	96-1	4.64	4.72	4.77	4.71	1.38	ppb
Molybdenum	97-1	4.80	4.61	4.57	4.66	2.64	ppb
Molybdenum	98-1	4.61	4.62	4.72	4.65	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.17	1.31	1.18	10.55	ppb
Phosphorus	31-2	-19.82	-18.20	-14.80	-17.61		ppb
Potassium	39-2	516.47	518.13	531.45	522.02	1.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	4.86	4.97	5.49	5.11	6.67	ppb
Selenium	77-2	9.63	6.54	2.76	6.31	54.51	ppb
Selenium	78-2	2.64	7.30	9.03	6.32	52.31	ppb
Silicon	28-1	6.05	2.71	7.39	5.38	44.82	ppb
Silver	107-1	1.06	0.98	1.07	1.04	4.60	ppb
Silver	109-1	1.05	1.06	1.05	1.05	0.24	ppb
Sodium	23-2	525.07	514.01	523.08	520.72	1.13	ppb
Strontium	86-1	1.18	0.97	1.11	1.08	9.95	ppb
Strontium	88-1	1.04	1.03	1.09	1.05	2.63	ppb
Sulfur	34-1	684.40	279.79	432.47	465.56	43.89	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.90	0.89	0.92	0.90	1.51	ppb
Thallium	205-1	0.88	0.92	0.93	0.91	3.14	ppb
Tin	118-1	0.07	0.02	0.06	0.05	47.25	ppb
Titanium	47-1	4.99	4.39	4.79	4.73	6.45	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:32:44	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.86	0.87	0.85	1.87	ppb
Vanadium	51-2	5.20	5.33	5.13	5.22	1.91	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	5.61	5.78	5.65	5.68	1.64	ppb
Zirconium	90-1	1.08	1.02	1.09	1.06	3.79	ppb
Zirconium	91-1	1.15	1.08	1.00	1.08	6.63	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:55:00	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35287.87	34066.35	34635.00	34663.08	1.76	ppb
Antimony	121-1	0.43	0.42	0.46	0.44	4.27	ppb
Arsenic	75-2	50.35	49.98	52.22	50.85	2.36	ppb
Barium	135-1	349.77	350.31	353.23	351.10	0.53	ppb
Barium	137-1	353.83	348.56	350.84	351.08	0.75	ppb
Beryllium	9-1	1.45	1.59	1.66	1.56	6.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.65	2.00	2.21	1.95	14.45	ppb
Cadmium	106-1	2.17	1.27	1.80	1.74	25.72	ppb
Cadmium	111-1	1.55	1.42	1.60	1.52	6.01	ppb
Calcium	43-1	18115.95	18250.28	18323.62	18229.95	0.58	ppb
Calcium	44-1	17102.42	17316.81	17411.32	17276.85	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.76	55.76	56.82	56.45	1.05	ppb
Cobalt	59-2	34.29	34.03	34.23	34.19	0.40	ppb
Copper	63-2	133.85	132.05	132.46	132.79	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	56-2	62834.36	61566.40	62458.79	62286.52	1.05	ppb
Iron	57-2	63200.15	61498.47	63003.88	62567.50	1.49	ppb
Iron	54-2	64030.11	61340.98	62601.56	62657.55	2.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:55:00	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	135.36	136.39	132.57	134.78	1.47	ppb
Lead	207-1	133.16	131.53	128.66	131.11	1.74	ppb
Lead	208-1	133.32	131.80	130.32	131.81	1.14	ppb
Lithium	6-1				105		%
Magnesium	24-2	16459.71	16030.21	16177.70	16222.54	1.35	ppb
Manganese	55-2	1528.55	1501.33	1530.93	1520.27	1.08	ppb
Molybdenum	94-1	11.98	11.79	11.99	11.92	0.97	ppb
Molybdenum	95-1	0.76	0.76	0.73	0.75	2.36	ppb
Molybdenum	96-1	2.44	2.43	2.25	2.37	4.66	ppb
Molybdenum	97-1	0.77	0.66	0.71	0.72	7.69	ppb
Molybdenum	98-1	0.77	0.79	0.73	0.76	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.11	51.79	51.96	52.28	1.38	ppb
Phosphorus	31-2	2657.58	2535.73	2608.31	2600.54	2.36	ppb
Potassium	39-2	7404.47	7074.37	7350.84	7276.56	2.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	0.18	0.64	-0.16	0.22	182.76	ppb
Selenium	77-2	17.23	12.48	11.02	13.58	23.93	ppb
Selenium	78-2	3.07	1.74	1.19	2.00	48.48	ppb
Silicon	28-1	8346.62	8571.03	8530.60	8482.75	1.41	ppb
Silver	107-1	0.82	0.87	0.87	0.85	3.61	ppb
Silver	109-1	0.86	0.86	0.85	0.86	0.59	ppb
Sodium	23-2	363.26	358.79	362.35	361.46	0.65	ppb
Strontium	86-1	102.42	101.72	100.73	101.62	0.84	ppb
Strontium	88-1	103.03	101.04	101.50	101.86	1.02	ppb
Sulfur	34-1	502.83	237.95	285.20	341.99	41.31	ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.27	0.30	0.26	0.28	6.71	ppb
Thallium	205-1	0.31	0.29	0.28	0.29	4.06	ppb
Tin	118-1	2.36	2.30	2.39	2.35	1.88	ppb
Titanium	47-1	468.50	474.89	471.78	471.72	0.68	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:55:00	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.85	0.84	0.85	2.51	ppb
Vanadium	51-2	102.80	100.34	103.24	102.13	1.53	ppb
Yttrium	89-1				113		%
Yttrium	89-2				102		%
Zinc	66-2	394.03	384.71	391.38	390.04	1.23	ppb
Zirconium	90-1	6.69	6.80	6.79	6.76	0.91	ppb
Zirconium	91-1	6.74	6.78	6.93	6.82	1.47	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:58:14	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34923.98	34964.75	40927.08	36938.60	9.35	ppb
Antimony	121-1	0.45	0.47	0.48	0.47	2.60	ppb
Arsenic	75-2	51.48	51.21	57.91	53.53	7.08	ppb
Barium	135-1	369.39	366.23	363.00	366.21	0.87	ppb
Barium	137-1	364.81	363.90	363.41	364.04	0.20	ppb
Beryllium	9-1	1.53	1.67	1.56	1.59	4.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.72	2.44	1.72	2.30	22.57	ppb
Cadmium	106-1	0.47	0.41	0.23	0.37	32.66	ppb
Cadmium	111-1	1.47	1.46	1.44	1.46	1.15	ppb
Calcium	43-1	18856.73	18738.58	18838.93	18811.41	0.34	ppb
Calcium	44-1	18045.02	17660.12	17873.43	17859.52	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.49	57.55	66.17	60.40	8.27	ppb
Cobalt	59-2	34.48	34.46	40.02	36.32	8.83	ppb
Copper	63-2	134.91	135.09	159.84	143.28	10.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	63714.97	62482.45	74176.57	66791.33	9.62	ppb
Iron	57-2	62666.20	63465.27	74705.29	66945.59	10.06	ppb
Iron	54-2	63466.86	63874.31	75346.92	67562.70	9.98	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:58:14	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	140.96	143.11	137.12	140.39	2.16	ppb
Lead	207-1	135.12	139.48	133.88	136.16	2.16	ppb
Lead	208-1	136.14	139.11	135.76	137.01	1.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	16450.66	16325.57	18937.13	17237.79	8.55	ppb
Manganese	55-2	1563.77	1547.78	1806.30	1639.28	8.84	ppb
Molybdenum	94-1	12.09	12.60	12.33	12.34	2.03	ppb
Molybdenum	95-1	0.79	0.89	0.76	0.81	8.13	ppb
Molybdenum	96-1	2.37	2.43	2.32	2.38	2.23	ppb
Molybdenum	97-1	0.77	0.71	0.77	0.75	4.74	ppb
Molybdenum	98-1	0.78	0.80	0.75	0.78	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.02	52.75	62.83	56.20	10.22	ppb
Phosphorus	31-2	2650.28	2659.29	3062.69	2790.75	8.44	ppb
Potassium	39-2	7565.80	7483.17	8665.54	7904.84	8.35	ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	82-1	0.99	0.17	0.28	0.48	93.32	ppb
Selenium	77-2	17.77	16.77	20.94	18.49	11.76	ppb
Selenium	78-2	3.58	2.25	2.36	2.73	26.91	ppb
Silicon	28-1	8671.13	8608.61	8572.18	8617.31	0.58	ppb
Silver	107-1	0.86	0.89	0.90	0.88	2.36	ppb
Silver	109-1	0.87	0.87	0.88	0.88	0.60	ppb
Sodium	23-2	378.74	378.93	452.98	403.55	10.61	ppb
Strontium	86-1	107.10	107.85	104.02	106.32	1.91	ppb
Strontium	88-1	106.43	106.14	104.65	105.74	0.90	ppb
Sulfur	34-1	-155.48	-335.23	-578.80	-356.50		ppb
Terbium	159-1				104		%
Terbium	159-2				93		%
Thallium	203-1	0.29	0.31	0.33	0.31	6.65	ppb
Thallium	205-1	0.27	0.29	0.31	0.29	7.06	ppb
Tin	118-1	2.52	2.55	2.58	2.55	1.16	ppb
Titanium	47-1	489.91	489.43	487.80	489.05	0.23	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:58:14	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.93	0.93	0.91	3.04	ppb
Vanadium	51-2	104.02	104.26	123.26	110.52	9.99	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	395.91	396.43	472.54	421.62	10.46	ppb
Zirconium	90-1	7.05	7.15	6.83	7.01	2.29	ppb
Zirconium	91-1	6.88	7.10	7.25	7.07	2.64	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 16:01:40	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7213.03	7132.04	7094.92	7146.66	0.85	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	2.91	ppb
Arsenic	75-2	10.34	10.94	10.66	10.65	2.84	ppb
Barium	135-1	68.76	68.12	67.72	68.20	0.77	ppb
Barium	137-1	69.10	68.15	67.91	68.39	0.92	ppb
Beryllium	9-1	0.35	0.27	0.28	0.30	14.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.22	0.41	0.24	66.06	ppb
Cadmium	106-1	-2.08	-2.44	-0.90	-1.81		ppb
Cadmium	111-1	0.09	0.14	0.20	0.14	35.65	ppb
Calcium	43-1	3654.62	3784.39	3761.31	3733.44	1.85	ppb
Calcium	44-1	3789.85	3815.96	3837.25	3814.35	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.50	11.12	11.09	11.24	2.07	ppb
Cobalt	59-2	6.85	6.95	6.81	6.87	1.04	ppb
Copper	63-2	27.57	27.49	27.36	27.47	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				103		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	12667.28	12678.80	12690.36	12678.81	0.09	ppb
Iron	57-2	13346.84	13308.04	13116.75	13257.21	0.93	ppb
Iron	54-2	13433.36	13332.65	13188.75	13318.25	0.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 16:01:40	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.17	26.46	26.46	26.36	0.65	ppb
Lead	207-1	25.67	25.67	26.09	25.81	0.93	ppb
Lead	208-1	25.57	25.73	26.13	25.81	1.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	3386.98	3364.53	3336.38	3362.63	0.75	ppb
Manganese	55-2	314.37	313.56	313.65	313.86	0.14	ppb
Molybdenum	94-1	2.42	2.45	2.58	2.48	3.37	ppb
Molybdenum	95-1	0.16	0.14	0.12	0.14	12.75	ppb
Molybdenum	96-1	0.52	0.51	0.46	0.50	7.09	ppb
Molybdenum	97-1	0.16	0.10	0.20	0.15	32.96	ppb
Molybdenum	98-1	0.15	0.14	0.16	0.15	7.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.40	10.94	11.35	11.23	2.26	ppb
Phosphorus	31-2	511.29	547.56	520.33	526.39	3.59	ppb
Potassium	39-2	1574.29	1556.45	1544.31	1558.35	0.97	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	-0.45	-0.79	-0.38	-0.54		ppb
Selenium	77-2	2.08	0.84	2.67	1.86	50.15	ppb
Selenium	78-2	-1.43	-0.34	0.76	-0.34		ppb
Silicon	28-1	1690.19	1755.21	1722.74	1722.72	1.89	ppb
Silver	107-1	0.15	0.16	0.18	0.16	9.73	ppb
Silver	109-1	0.15	0.15	0.17	0.16	5.72	ppb
Sodium	23-2	97.26	95.66	97.46	96.79	1.02	ppb
Strontium	86-1	21.37	21.51	21.51	21.46	0.38	ppb
Strontium	88-1	21.39	21.53	21.57	21.50	0.45	ppb
Sulfur	34-1	-1509.97	-1528.38	-1450.60	-1496.32		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.06	0.06	0.06	15.18	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	12.19	ppb
Tin	118-1	0.49	0.45	0.54	0.49	9.17	ppb
Titanium	47-1	94.92	96.89	96.91	96.24	1.19	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 16:01:40	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.17	0.17	1.35	ppb
Vanadium	51-2	20.74	20.34	20.62	20.56	0.99	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	83.81	79.20	81.16	81.39	2.84	ppb
Zirconium	90-1	1.35	1.39	1.40	1.38	1.96	ppb
Zirconium	91-1	1.35	1.55	1.37	1.43	7.77	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:05:01	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35647.67	35138.58	36318.97	35701.74	1.66	ppb
Antimony	121-1	55.77	56.07	56.27	56.04	0.45	ppb
Arsenic	75-2	71.06	69.69	72.29	71.01	1.83	ppb
Barium	135-1	1494.47	1511.96	1530.83	1512.42	1.20	ppb
Barium	137-1	1490.96	1492.96	1477.77	1487.23	0.55	ppb
Beryllium	9-1	29.84	30.30	30.50	30.22	1.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.80	25.79	26.72	26.77	3.77	ppb
Cadmium	106-1	26.28	25.06	27.29	26.21	4.26	ppb
Cadmium	111-1	31.38	31.09	30.70	31.06	1.10	ppb
Calcium	43-1	18125.42	18354.60	18860.28	18446.77	2.04	ppb
Calcium	44-1	17083.41	17378.07	17844.96	17435.48	2.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168.49	169.26	171.10	169.62	0.79	ppb
Cobalt	59-2	318.15	316.29	322.48	318.97	1.00	ppb
Copper	63-2	268.32	267.44	274.17	269.98	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	63194.68	63345.40	64300.48	63613.52	0.94	ppb
Iron	57-2	63434.49	62864.17	64035.15	63444.60	0.92	ppb
Iron	54-2	63870.07	64283.93	64660.44	64271.48	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:05:01	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	148.11	147.41	148.25	147.93	0.30	ppb
Lead	207-1	145.74	144.85	146.91	145.84	0.71	ppb
Lead	208-1	145.60	144.92	146.07	145.53	0.40	ppb
Lithium	6-1				99		%
Magnesium	24-2	16327.55	16139.33	16539.80	16335.56	1.23	ppb
Manganese	55-2	1830.58	1804.71	1860.83	1832.04	1.53	ppb
Molybdenum	94-1	11.70	11.96	12.42	12.02	3.04	ppb
Molybdenum	95-1	0.82	0.80	0.85	0.82	3.53	ppb
Molybdenum	96-1	2.35	2.44	2.33	2.37	2.39	ppb
Molybdenum	97-1	0.74	0.85	0.72	0.77	9.24	ppb
Molybdenum	98-1	0.73	0.75	0.79	0.75	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	339.38	339.82	347.53	342.25	1.34	ppb
Phosphorus	31-2	2551.41	2566.80	2670.61	2596.27	2.50	ppb
Potassium	39-2	7208.76	7366.47	7516.02	7363.75	2.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	70.07	70.80	75.66	72.18	4.20	ppb
Selenium	77-2	98.07	89.52	85.78	91.12	6.92	ppb
Selenium	78-2	73.66	67.76	73.79	71.74	4.80	ppb
Silicon	28-1	8383.29	8452.88	8674.39	8503.52	1.79	ppb
Silver	107-1	25.65	25.71	25.90	25.75	0.50	ppb
Silver	109-1	25.49	25.98	25.84	25.77	0.97	ppb
Sodium	23-2	372.64	374.70	381.18	376.18	1.18	ppb
Strontium	86-1	101.88	103.47	106.32	103.89	2.16	ppb
Strontium	88-1	102.49	103.22	105.64	103.78	1.59	ppb
Sulfur	34-1	-781.71	-879.55	-664.41	-775.22		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	25.98	26.26	26.19	26.14	0.55	ppb
Thallium	205-1	25.73	25.57	25.84	25.71	0.54	ppb
Tin	118-1	2.32	2.41	2.37	2.37	2.05	ppb
Titanium	47-1	468.69	476.16	485.39	476.75	1.75	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:05:01	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.92	0.90	0.91	1.10	ppb
Vanadium	51-2	377.87	376.00	382.72	378.86	0.91	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	671.84	678.47	688.92	679.74	1.27	ppb
Zirconium	90-1	6.65	6.81	6.86	6.77	1.61	ppb
Zirconium	91-1	6.74	6.88	6.93	6.85	1.48	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:08:17	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38482.46	36774.19	38629.79	37962.15	2.72	ppb
Antimony	121-1	262.29	259.99	261.63	261.30	0.45	ppb
Arsenic	75-2	149.97	147.32	151.72	149.67	1.48	ppb
Barium	135-1	5575.63	5553.28	5657.66	5595.52	0.98	ppb
Barium	137-1	5625.49	5496.75	5562.90	5561.71	1.16	ppb
Beryllium	9-1	133.24	134.20	134.38	133.94	0.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	121.23	120.91	124.11	122.08	1.45	ppb
Cadmium	106-1	113.77	115.01	113.45	114.08	0.72	ppb
Cadmium	111-1	137.72	138.41	138.28	138.14	0.26	ppb
Calcium	43-1	17870.07	17982.57	17809.67	17887.43	0.49	ppb
Calcium	44-1	16760.65	16728.19	17032.19	16840.34	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	590.68	570.10	592.13	584.30	2.11	ppb
Cobalt	59-2	1405.75	1354.43	1402.29	1387.49	2.07	ppb
Copper	63-2	772.26	742.72	767.55	760.84	2.09	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				96		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	63889.61	61358.66	64601.15	63283.14	2.69	ppb
Iron	57-2	64020.41	62188.62	63764.50	63324.51	1.57	ppb
Iron	54-2	64179.69	63124.52	64551.54	63951.92	1.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:08:17	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	181.39	177.38	182.60	180.46	1.52	ppb
Lead	207-1	176.78	174.72	177.30	176.26	0.77	ppb
Lead	208-1	177.45	174.51	178.39	176.79	1.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	15878.67	15306.10	15970.71	15718.49	2.29	ppb
Manganese	55-2	2791.97	2712.89	2827.37	2777.41	2.11	ppb
Molybdenum	94-1	11.65	11.29	11.65	11.53	1.80	ppb
Molybdenum	95-1	0.79	0.75	0.83	0.79	4.69	ppb
Molybdenum	96-1	2.31	2.42	2.39	2.37	2.35	ppb
Molybdenum	97-1	0.83	0.81	0.70	0.78	8.69	ppb
Molybdenum	98-1	0.78	0.78	0.81	0.79	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1423.25	1374.51	1422.42	1406.73	1.98	ppb
Phosphorus	31-2	2508.52	2454.88	2521.57	2494.99	1.42	ppb
Potassium	39-2	7135.75	6838.94	7164.47	7046.39	2.56	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	292.24	289.13	293.11	291.50	0.72	ppb
Selenium	77-2	322.20	300.03	273.38	298.54	8.19	ppb
Selenium	78-2	302.66	290.48	286.31	293.15	2.90	ppb
Silicon	28-1	8155.14	8147.28	8101.61	8134.68	0.36	ppb
Silver	107-1	116.65	115.39	116.05	116.03	0.54	ppb
Silver	109-1	117.47	117.26	117.24	117.32	0.11	ppb
Sodium	23-2	368.92	358.07	379.02	368.67	2.84	ppb
Strontium	86-1	100.00	100.59	99.70	100.10	0.45	ppb
Strontium	88-1	100.82	99.69	99.91	100.14	0.60	ppb
Sulfur	34-1	-796.85	-883.41	-877.23	-852.50		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	121.01	119.14	121.89	120.68	1.16	ppb
Thallium	205-1	119.86	118.64	121.31	119.94	1.11	ppb
Tin	118-1	2.35	2.34	2.36	2.35	0.29	ppb
Titanium	47-1	461.42	460.16	460.81	460.80	0.14	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:08:17	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.83	0.86	0.85	2.18	ppb
Vanadium	51-2	1379.43	1351.21	1376.67	1369.10	1.14	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	1714.39	1657.31	1730.50	1700.73	2.26	ppb
Zirconium	90-1	6.63	6.59	6.61	6.61	0.26	ppb
Zirconium	91-1	6.73	6.77	6.63	6.71	1.02	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:11:29	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9144.86	9406.38	9148.36	9233.20	1.62	ppb
Antimony	121-1	0.21	0.24	0.22	0.23	8.17	ppb
Arsenic	75-2	14.04	13.85	13.07	13.66	3.76	ppb
Barium	135-1	88.11	89.50	88.75	88.79	0.78	ppb
Barium	137-1	88.94	90.42	88.94	89.43	0.95	ppb
Beryllium	9-1	0.39	0.51	0.49	0.46	13.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.33	0.43	0.61	0.46	30.86	ppb
Cadmium	106-1	-1.87	-1.45	-1.59	-1.63		ppb
Cadmium	111-1	0.25	0.22	0.26	0.24	8.76	ppb
Calcium	43-1	4808.35	4833.27	4890.45	4844.02	0.87	ppb
Calcium	44-1	4924.34	4957.60	4937.85	4939.93	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.72	15.47	14.66	14.95	3.02	ppb
Cobalt	59-2	9.00	9.16	9.02	9.06	0.97	ppb
Copper	63-2	34.70	35.64	34.42	34.92	1.83	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				100		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	16197.54	16564.29	16179.96	16313.93	1.33	ppb
Iron	57-2	16982.13	17423.91	17004.93	17136.99	1.45	ppb
Iron	54-2	17069.27	17525.73	17116.26	17237.09	1.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:11:29	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.64	34.25	34.45	34.45	0.57	ppb
Lead	207-1	33.90	34.04	34.06	34.00	0.26	ppb
Lead	208-1	33.99	33.94	33.92	33.95	0.11	ppb
Lithium	6-1				94		%
Magnesium	24-2	4293.57	4407.73	4300.91	4334.07	1.47	ppb
Manganese	55-2	400.46	411.78	405.01	405.75	1.40	ppb
Molybdenum	94-1	3.20	3.17	3.22	3.19	0.72	ppb
Molybdenum	95-1	0.25	0.21	0.17	0.21	18.84	ppb
Molybdenum	96-1	0.58	0.64	0.60	0.61	4.90	ppb
Molybdenum	97-1	0.19	0.22	0.17	0.19	10.98	ppb
Molybdenum	98-1	0.21	0.21	0.22	0.21	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.51	14.26	13.97	13.91	2.70	ppb
Phosphorus	31-2	652.62	630.94	628.29	637.28	2.09	ppb
Potassium	39-2	1993.91	2058.77	2000.64	2017.77	1.77	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	-0.24	0.64	-0.19	0.07	683.83	ppb
Selenium	77-2	3.41	2.82	4.01	3.41	17.36	ppb
Selenium	78-2	0.41	1.28	1.32	1.00	50.97	ppb
Silicon	28-1	2269.19	2255.85	2255.37	2260.14	0.35	ppb
Silver	107-1	0.26	0.25	0.22	0.24	9.12	ppb
Silver	109-1	0.28	0.26	0.26	0.27	5.72	ppb
Sodium	23-2	116.06	117.71	114.17	115.98	1.53	ppb
Strontium	86-1	27.89	28.06	27.52	27.82	0.99	ppb
Strontium	88-1	27.39	28.24	27.50	27.71	1.67	ppb
Sulfur	34-1	-1368.68	-1519.41	-1412.31	-1433.47		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.07	0.06	0.07	0.07	8.06	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	7.93	ppb
Tin	118-1	0.63	0.59	0.54	0.58	7.65	ppb
Titanium	47-1	126.05	126.37	123.94	125.46	1.05	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:11:29	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.23	0.23	1.32	ppb
Vanadium	51-2	26.28	26.74	26.33	26.45	0.96	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	101.30	106.09	104.23	103.87	2.33	ppb
Zirconium	90-1	1.78	1.79	1.75	1.77	1.07	ppb
Zirconium	91-1	1.77	1.86	1.76	1.80	2.97	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:14:54	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9360.74	9571.34	9386.78	9439.62	1.22	ppb
Antimony	121-1	0.14	0.14	0.16	0.14	7.37	ppb
Arsenic	75-2	13.26	13.62	13.25	13.38	1.57	ppb
Barium	135-1	92.57	91.36	91.47	91.80	0.72	ppb
Barium	137-1	93.00	90.86	91.85	91.90	1.17	ppb
Beryllium	9-1	0.38	0.40	0.33	0.37	10.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.34	0.75	0.67	0.59	37.02	ppb
Cadmium	106-1	-1.43	-1.59	-0.72	-1.25		ppb
Cadmium	111-1	0.22	0.24	0.26	0.24	8.70	ppb
Calcium	43-1	4949.84	5120.30	5042.96	5037.70	1.69	ppb
Calcium	44-1	5062.57	5135.44	5121.33	5106.45	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.02	15.22	15.09	15.11	0.66	ppb
Cobalt	59-2	9.27	9.28	9.06	9.20	1.31	ppb
Copper	63-2	35.80	36.81	36.02	36.21	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				100		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	16845.13	16973.49	16387.02	16735.22	1.84	ppb
Iron	57-2	17390.12	17778.90	17350.07	17506.36	1.35	ppb
Iron	54-2	17627.38	17932.89	17554.59	17704.95	1.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:14:54	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.67	35.88	34.80	35.12	1.88	ppb
Lead	207-1	34.12	35.17	34.54	34.61	1.53	ppb
Lead	208-1	33.98	34.93	34.21	34.37	1.44	ppb
Lithium	6-1				95		%
Magnesium	24-2	4412.80	4472.39	4417.44	4434.21	0.75	ppb
Manganese	55-2	415.19	421.14	417.13	417.82	0.73	ppb
Molybdenum	94-1	3.20	3.20	3.26	3.22	1.05	ppb
Molybdenum	95-1	0.19	0.20	0.20	0.19	3.02	ppb
Molybdenum	96-1	0.63	0.65	0.68	0.65	4.26	ppb
Molybdenum	97-1	0.22	0.18	0.17	0.19	12.24	ppb
Molybdenum	98-1	0.20	0.21	0.20	0.20	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.32	14.45	14.37	14.38	0.45	ppb
Phosphorus	31-2	658.89	692.11	712.04	687.68	3.90	ppb
Potassium	39-2	2050.72	2100.99	2097.68	2083.13	1.35	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	0.52	0.43	-0.56	0.13	457.53	ppb
Selenium	77-2	3.99	2.81	1.51	2.77	44.84	ppb
Selenium	78-2	0.72	-1.09	-1.72	-0.69		ppb
Silicon	28-1	2261.38	2350.31	2299.70	2303.80	1.94	ppb
Silver	107-1	0.22	0.20	0.21	0.21	3.99	ppb
Silver	109-1	0.23	0.22	0.23	0.23	1.85	ppb
Sodium	23-2	113.18	114.06	114.25	113.83	0.50	ppb
Strontium	86-1	28.21	29.32	28.60	28.71	1.96	ppb
Strontium	88-1	28.30	28.50	28.65	28.49	0.62	ppb
Sulfur	34-1	-1494.12	-1398.06	-1447.93	-1446.70		ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.06	0.06	0.08	0.07	13.65	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.77	ppb
Tin	118-1	0.65	0.61	0.66	0.64	4.45	ppb
Titanium	47-1	129.45	128.60	130.94	129.66	0.91	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:14:54	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.22	0.23	2.19	ppb
Vanadium	51-2	27.31	28.16	27.26	27.58	1.83	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	108.24	108.32	108.47	108.35	0.11	ppb
Zirconium	90-1	1.81	1.86	1.86	1.84	1.66	ppb
Zirconium	91-1	1.82	1.81	1.92	1.85	3.18	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 16:18:15	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1794.85	1796.95	1820.53	1804.11	0.79	ppb
Antimony	121-1	0.04	0.04	0.06	0.05	28.03	ppb
Arsenic	75-2	2.34	2.79	2.62	2.58	8.84	ppb
Barium	135-1	17.05	17.26	19.70	18.00	8.17	ppb
Barium	137-1	17.09	17.49	19.14	17.90	6.06	ppb
Beryllium	9-1	0.04	0.07	0.06	0.06	27.48	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.54	0.02	0.19	163.82	ppb
Cadmium	106-1	-1.24	-2.79	-2.22	-2.08		ppb
Cadmium	111-1	-0.02	-0.12	-0.06	-0.07		ppb
Calcium	43-1	931.55	899.45	1068.03	966.34	9.26	ppb
Calcium	44-1	951.09	967.43	1088.80	1002.44	7.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.94	2.81	2.80	2.85	2.76	ppb
Cobalt	59-2	1.70	1.71	1.73	1.72	0.95	ppb
Copper	63-2	6.77	7.01	6.97	6.92	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	3129.45	3206.01	3215.14	3183.53	1.48	ppb
Iron	57-2	3292.71	3328.43	3405.79	3342.31	1.73	ppb
Iron	54-2	3320.84	3348.68	3431.05	3366.86	1.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 16:18:15	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.64	6.66	7.54	6.94	7.40	ppb
Lead	207-1	6.40	6.54	7.29	6.74	7.10	ppb
Lead	208-1	6.34	6.49	7.28	6.70	7.56	ppb
Lithium	6-1				89		%
Magnesium	24-2	839.10	852.94	847.75	846.60	0.83	ppb
Manganese	55-2	77.68	79.50	78.99	78.73	1.19	ppb
Molybdenum	94-1	0.57	0.72	0.66	0.65	11.64	ppb
Molybdenum	95-1	0.05	0.04	0.06	0.05	16.85	ppb
Molybdenum	96-1	0.16	0.14	0.15	0.15	6.66	ppb
Molybdenum	97-1	0.04	0.04	0.06	0.05	28.35	ppb
Molybdenum	98-1	0.04	0.06	0.07	0.06	26.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.86	2.98	2.73	2.86	4.37	ppb
Phosphorus	31-2	106.20	105.18	135.62	115.67	14.94	ppb
Potassium	39-2	382.79	381.44	394.66	386.30	1.88	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				83		%
Scandium	45-2				87		%
Selenium	82-1	0.03	-0.78	-0.27	-0.34		ppb
Selenium	77-2	0.91	0.27	-0.39	0.26	247.33	ppb
Selenium	78-2	-0.02	0.86	-1.13	-0.10		ppb
Silicon	28-1	434.96	436.86	500.34	457.39	8.14	ppb
Silver	107-1	0.03	0.05	0.04	0.04	26.78	ppb
Silver	109-1	0.05	0.05	0.06	0.05	7.24	ppb
Sodium	23-2	33.12	33.74	33.72	33.53	1.06	ppb
Strontium	86-1	5.54	5.60	6.01	5.72	4.49	ppb
Strontium	88-1	5.34	5.37	5.99	5.57	6.65	ppb
Sulfur	34-1	-1381.93	-1459.42	-755.66	-1199.00		ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.01	0.02	0.02	8.15	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	8.26	ppb
Tin	118-1	0.18	0.18	0.20	0.19	5.81	ppb
Titanium	47-1	24.81	24.19	26.75	25.25	5.28	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 16:18:15	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	0.49	ppb
Vanadium	51-2	5.40	5.21	5.33	5.31	1.85	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	20.82	20.58	20.28	20.56	1.32	ppb
Zirconium	90-1	0.34	0.34	0.37	0.35	5.64	ppb
Zirconium	91-1	0.35	0.34	0.38	0.36	6.27	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:21:40	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9829.86	9573.45	9752.74	9718.68	1.35	ppb
Antimony	121-1	14.26	14.67	14.46	14.46	1.42	ppb
Arsenic	75-2	19.35	19.76	18.61	19.24	3.01	ppb
Barium	135-1	358.31	368.56	359.39	362.09	1.55	ppb
Barium	137-1	357.87	367.40	359.86	361.71	1.39	ppb
Beryllium	9-1	7.93	7.79	8.20	7.98	2.62	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.13	8.28	8.12	7.51	15.92	ppb
Cadmium	106-1	4.13	5.71	6.21	5.35	20.23	ppb
Cadmium	111-1	7.75	8.17	7.85	7.93	2.80	ppb
Calcium	43-1	4769.82	4902.26	4909.00	4860.36	1.61	ppb
Calcium	44-1	4875.02	4967.31	5012.27	4951.53	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.93	44.55	44.60	45.03	1.74	ppb
Cobalt	59-2	86.52	83.68	84.85	85.02	1.68	ppb
Copper	63-2	72.32	70.21	71.88	71.47	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	16981.21	16645.99	16702.79	16776.66	1.07	ppb
Iron	57-2	17813.06	17378.76	17525.14	17572.32	1.26	ppb
Iron	54-2	17934.64	17495.43	17701.50	17710.52	1.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:21:40	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.52	37.49	37.99	37.67	0.75	ppb
Lead	207-1	36.56	36.88	37.20	36.88	0.85	ppb
Lead	208-1	36.52	36.76	37.23	36.83	0.98	ppb
Lithium	6-1				94		%
Magnesium	24-2	4506.69	4345.37	4417.74	4423.27	1.83	ppb
Manganese	55-2	495.21	476.27	487.84	486.44	1.96	ppb
Molybdenum	94-1	3.27	3.22	3.21	3.23	1.05	ppb
Molybdenum	95-1	0.23	0.19	0.21	0.21	9.51	ppb
Molybdenum	96-1	0.64	0.60	0.62	0.62	3.65	ppb
Molybdenum	97-1	0.20	0.21	0.18	0.20	9.02	ppb
Molybdenum	98-1	0.19	0.19	0.21	0.20	5.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.30	91.91	92.31	92.17	0.24	ppb
Phosphorus	31-2	692.75	694.37	705.82	697.64	1.02	ppb
Potassium	39-2	2090.00	2027.51	2066.22	2061.24	1.53	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	18.24	19.37	20.35	19.32	5.45	ppb
Selenium	77-2	27.48	20.59	21.02	23.03	16.76	ppb
Selenium	78-2	22.89	19.82	27.66	23.46	16.84	ppb
Silicon	28-1	2233.13	2294.55	2280.99	2269.56	1.42	ppb
Silver	107-1	6.53	6.72	6.73	6.66	1.68	ppb
Silver	109-1	6.57	6.74	6.83	6.71	1.95	ppb
Sodium	23-2	105.64	102.71	109.80	106.05	3.36	ppb
Strontium	86-1	27.74	28.65	28.11	28.17	1.61	ppb
Strontium	88-1	27.67	28.13	28.12	27.97	0.93	ppb
Sulfur	34-1	-1389.97	-1357.61	-1258.89	-1335.49		ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	6.51	6.55	6.61	6.55	0.76	ppb
Thallium	205-1	6.45	6.49	6.53	6.49	0.66	ppb
Tin	118-1	0.67	0.64	0.65	0.66	1.99	ppb
Titanium	47-1	124.05	127.66	126.37	126.03	1.45	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:21:40	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.23	0.23	0.23	2.40	ppb
Vanadium	51-2	101.43	98.14	98.72	99.43	1.77	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	184.70	180.75	182.98	182.81	1.08	ppb
Zirconium	90-1	1.81	1.88	1.80	1.83	2.30	ppb
Zirconium	91-1	1.88	1.93	1.76	1.86	4.72	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:25:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10512.68	10338.28	10272.89	10374.62	1.19	ppb
Antimony	121-1	67.29	69.66	67.95	68.30	1.79	ppb
Arsenic	75-2	41.61	39.29	38.85	39.92	3.71	ppb
Barium	135-1	1312.09	1366.82	1333.97	1337.63	2.06	ppb
Barium	137-1	1417.33	1465.77	1451.10	1444.74	1.72	ppb
Beryllium	9-1	35.09	35.49	34.95	35.18	0.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.02	34.20	32.41	31.88	8.27	ppb
Cadmium	106-1	29.98	30.69	29.75	30.14	1.62	ppb
Cadmium	111-1	35.51	36.86	35.84	36.07	1.94	ppb
Calcium	43-1	4642.08	4768.92	4755.57	4722.19	1.48	ppb
Calcium	44-1	4759.84	4924.14	4830.42	4838.13	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	157.25	153.95	154.57	155.26	1.13	ppb
Cobalt	59-2	368.91	362.59	361.49	364.33	1.10	ppb
Copper	63-2	204.98	202.59	203.10	203.56	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	16995.12	16731.52	16689.67	16805.43	0.99	ppb
Iron	57-2	17932.19	17692.18	17345.40	17656.59	1.67	ppb
Iron	54-2	17975.58	17695.59	17565.53	17745.57	1.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:25:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.62	45.90	46.00	45.84	0.43	ppb
Lead	207-1	44.02	44.65	44.68	44.45	0.84	ppb
Lead	208-1	44.75	45.19	45.61	45.18	0.95	ppb
Lithium	6-1				91		%
Magnesium	24-2	4316.24	4285.42	4216.06	4272.57	1.20	ppb
Manganese	55-2	758.57	739.50	745.87	747.98	1.30	ppb
Molybdenum	94-1	3.03	3.08	2.93	3.02	2.43	ppb
Molybdenum	95-1	0.19	0.21	0.24	0.21	10.79	ppb
Molybdenum	96-1	0.61	0.61	0.62	0.61	0.81	ppb
Molybdenum	97-1	0.21	0.21	0.21	0.21	1.84	ppb
Molybdenum	98-1	0.20	0.21	0.22	0.21	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	384.78	374.20	376.35	378.45	1.48	ppb
Phosphorus	31-2	682.48	634.02	616.16	644.22	5.33	ppb
Potassium	39-2	1996.75	1999.28	1967.26	1987.76	0.90	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	78.08	82.81	78.92	79.94	3.15	ppb
Selenium	77-2	83.04	84.91	78.56	82.17	3.97	ppb
Selenium	78-2	80.79	76.87	80.08	79.25	2.63	ppb
Silicon	28-1	2170.40	2289.69	2212.96	2224.35	2.72	ppb
Silver	107-1	29.74	31.25	30.40	30.46	2.49	ppb
Silver	109-1	30.39	31.65	30.72	30.92	2.11	ppb
Sodium	23-2	106.88	103.29	104.67	104.95	1.73	ppb
Strontium	86-1	26.21	27.48	27.40	27.03	2.64	ppb
Strontium	88-1	26.66	27.90	26.28	26.95	3.15	ppb
Sulfur	34-1	-1330.08	-1272.95	-1406.81	-1336.61		ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	30.58	30.59	30.78	30.65	0.36	ppb
Thallium	205-1	30.43	30.32	30.85	30.53	0.91	ppb
Tin	118-1	0.62	0.56	0.55	0.58	6.78	ppb
Titanium	47-1	121.40	124.40	122.82	122.87	1.22	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:25:01	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.21	0.22	0.22	1.67	ppb
Vanadium	51-2	371.55	364.08	362.65	366.09	1.30	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	459.23	451.10	453.65	454.66	0.91	ppb
Zirconium	90-1	1.76	1.82	1.71	1.76	2.98	ppb
Zirconium	91-1	1.75	1.81	1.68	1.75	3.65	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:28:22	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43715.21	43797.92	43826.24	43779.79	0.13	ppb
Antimony	121-1	1.25	1.22	1.24	1.24	1.05	ppb
Arsenic	75-2	177.14	171.97	173.44	174.18	1.53	ppb
Barium	135-1	644.94	666.21	673.91	661.69	2.27	ppb
Barium	137-1	656.47	668.46	677.37	667.43	1.57	ppb
Beryllium	9-1	1.44	1.42	1.39	1.42	1.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.57	2.32	2.40	2.43	5.39	ppb
Cadmium	106-1	2.64	0.24	0.88	1.25	99.37	ppb
Cadmium	111-1	1.56	1.35	1.44	1.45	7.40	ppb
Calcium	43-1	7853.78	8051.63	8273.79	8059.74	2.61	ppb
Calcium	44-1	7542.90	7598.78	7736.66	7626.11	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115.24	115.01	114.76	115.00	0.21	ppb
Cobalt	59-2	81.89	81.37	82.29	81.85	0.56	ppb
Copper	63-2	293.95	295.84	294.23	294.67	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				98		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				86		%
Iron	56-2	181186.90	179440.43	179704.55	180110.62	0.52	ppb
Iron	57-2	177173.94	177661.28	178551.50	177795.57	0.39	ppb
Iron	54-2	180719.27	180764.43	179158.73	180214.14	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:28:22	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.42	82.10	83.84	82.79	1.12	ppb
Lead	207-1	86.07	84.20	84.17	84.81	1.28	ppb
Lead	208-1	83.53	83.25	84.43	83.74	0.73	ppb
Lithium	6-1				95		%
Magnesium	24-2	21136.78	20513.84	20832.66	20827.76	1.50	ppb
Manganese	55-2	13115.86	12962.92	12926.23	13001.67	0.77	ppb
Molybdenum	94-1	18.71	18.92	19.30	18.98	1.59	ppb
Molybdenum	95-1	1.96	2.05	1.94	1.98	3.00	ppb
Molybdenum	96-1	4.84	4.90	4.85	4.86	0.66	ppb
Molybdenum	97-1	1.72	1.84	1.85	1.80	4.23	ppb
Molybdenum	98-1	1.70	1.77	1.71	1.73	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.03	97.01	94.79	96.28	1.34	ppb
Phosphorus	31-2	1537.43	1466.60	1444.49	1482.84	3.27	ppb
Potassium	39-2	6642.82	6821.01	6677.81	6713.88	1.41	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	-0.47	0.34	1.23	0.37	232.56	ppb
Selenium	77-2	12.25	8.42	14.58	11.75	26.46	ppb
Selenium	78-2	0.20	2.68	2.79	1.89	77.33	ppb
Silicon	28-1	7306.59	7394.20	7486.59	7395.80	1.22	ppb
Silver	107-1	0.55	0.54	0.48	0.52	7.79	ppb
Silver	109-1	0.55	0.48	0.56	0.53	7.80	ppb
Sodium	23-2	155.46	155.98	156.09	155.84	0.22	ppb
Strontium	86-1	83.07	83.82	84.50	83.80	0.85	ppb
Strontium	88-1	82.12	84.23	85.42	83.93	1.99	ppb
Sulfur	34-1	-2041.95	-1868.21	-1840.05	-1916.74		ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	0.38	0.36	0.35	0.37	4.03	ppb
Thallium	205-1	0.39	0.35	0.38	0.37	6.09	ppb
Tin	118-1	2.25	2.40	2.41	2.35	3.93	ppb
Titanium	47-1	890.07	892.81	909.54	897.48	1.17	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:28:22	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.20	1.25	1.23	2.23	ppb
Vanadium	51-2	258.82	261.01	259.02	259.62	0.47	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	325.44	326.57	324.73	325.58	0.28	ppb
Zirconium	90-1	10.15	10.17	10.30	10.21	0.77	ppb
Zirconium	91-1	10.15	10.29	10.30	10.25	0.83	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:32:34	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48776.27	47271.77	46671.48	47573.17	2.28	ppb
Antimony	121-1	502.18	513.39	516.77	510.78	1.49	ppb
Arsenic	75-2	502.00	505.49	498.42	501.97	0.70	ppb
Barium	135-1	2525.11	2558.51	2610.53	2564.72	1.68	ppb
Barium	137-1	2482.75	2570.26	2586.38	2546.46	2.19	ppb
Beryllium	9-1	509.65	512.55	519.23	513.81	0.96	ppb
Bismuth	209-1				93		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	480.69	496.96	492.29	489.98	1.71	ppb
Cadmium	106-1	491.19	502.91	492.26	495.45	1.31	ppb
Cadmium	111-1	482.86	493.71	494.74	490.44	1.34	ppb
Calcium	43-1	246925.52	247350.33	250011.79	248095.88	0.67	ppb
Calcium	44-1	245922.89	246603.36	250107.16	247544.47	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.96	506.43	497.36	506.92	1.93	ppb
Cobalt	59-2	535.09	524.12	512.41	523.87	2.16	ppb
Copper	63-2	5225.41	5176.95	5038.02	5146.79	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				95		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	127909.88	127075.29	122043.82	125676.33	2.53	ppb
Iron	57-2	127920.41	126678.37	122638.27	125745.68	2.20	ppb
Iron	54-2	128580.70	126122.07	124337.08	126346.62	1.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:32:34	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2582.60	2597.34	2631.31	2603.75	0.96	ppb
Lead	207-1	2586.47	2563.89	2626.75	2592.37	1.23	ppb
Lead	208-1	2575.69	2561.78	2620.81	2586.09	1.19	ppb
Lithium	6-1				88		%
Magnesium	24-2	232020.91	227880.44	221885.53	227262.29	2.24	ppb
Manganese	55-2	5149.22	5113.66	5023.98	5095.62	1.27	ppb
Molybdenum	94-1	5095.26	5180.39	5226.88	5167.51	1.29	ppb
Molybdenum	95-1	5072.28	5173.86	5248.33	5164.82	1.71	ppb
Molybdenum	96-1	5077.02	5176.01	5209.05	5154.03	1.33	ppb
Molybdenum	97-1	4999.88	5212.99	5202.57	5138.48	2.34	ppb
Molybdenum	98-1	5101.88	5191.20	5260.67	5184.58	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.44	525.24	512.78	524.49	2.16	ppb
Phosphorus	31-2	10078.03	9924.52	9668.12	9890.22	2.09	ppb
Potassium	39-2	124057.07	121165.47	118177.18	121133.24	2.43	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				84		%
Scandium	45-2				87		%
Selenium	82-1	478.43	494.62	491.34	488.13	1.75	ppb
Selenium	77-2	495.61	499.20	476.00	490.27	2.55	ppb
Selenium	78-2	495.10	482.72	479.75	485.86	1.68	ppb
Silicon	28-1	818.22	822.61	832.46	824.43	0.88	ppb
Silver	107-1	480.22	489.50	489.04	486.25	1.08	ppb
Silver	109-1	491.72	495.31	503.38	496.80	1.20	ppb
Sodium	23-2	245979.65	241687.25	240562.22	242743.04	1.18	ppb
Strontium	86-1	12624.98	12954.75	12892.16	12823.96	1.37	ppb
Strontium	88-1	12560.19	12725.56	12959.38	12748.38	1.57	ppb
Sulfur	34-1	10198.53	10288.40	10257.80	10248.24	0.45	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	527.84	521.94	524.12	524.63	0.57	ppb
Thallium	205-1	520.80	515.46	516.11	517.46	0.56	ppb
Tin	118-1	519.66	527.55	529.54	525.59	0.99	ppb
Titanium	47-1	5056.13	5112.31	5088.34	5085.60	0.55	ppb

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:32:34	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	532.82	526.35	519.97	526.38	1.22	ppb
Vanadium	51-2	518.57	510.31	500.44	509.78	1.78	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%
Zinc	66-2	5206.90	5101.14	5025.29	5111.11	1.78	ppb
Zirconium	90-1	507.60	521.51	521.68	516.93	1.56	ppb
Zirconium	91-1	504.08	517.41	521.82	514.44	1.80	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:35:29	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	1.86	1.62	1.64	12.74	ppb
Antimony	121-1	0.34	0.33	0.37	0.35	5.78	ppb
Arsenic	75-2	0.07	0.01	0.01	0.03	103.04	ppb
Barium	135-1	0.08	0.11	0.09	0.09	14.78	ppb
Barium	137-1	0.11	0.09	0.07	0.09	23.14	ppb
Beryllium	9-1	0.30	0.21	0.21	0.24	22.25	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	0.09	0.00	0.01	589.84	ppb
Cadmium	106-1	-2.99	-2.96	-1.56	-2.50		ppb
Cadmium	111-1	-0.16	-0.17	-0.09	-0.14		ppb
Calcium	43-1	8.20	-0.14	4.37	4.14	100.74	ppb
Calcium	44-1	2.26	-1.39	-2.81	-0.65		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.02	0.02	7.27	ppb
Cobalt	59-2	0.03	0.01	0.02	0.02	43.44	ppb
Copper	63-2	0.15	0.13	0.11	0.13	15.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	6.72	6.90	6.49	6.71	3.10	ppb
Iron	57-2	5.13	6.49	4.26	5.29	21.27	ppb
Iron	54-2	7.06	6.97	6.03	6.69	8.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:35:29	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.06	0.07	0.07	18.72	ppb
Lead	207-1	0.12	0.09	0.08	0.10	19.52	ppb
Lead	208-1	0.10	0.07	0.06	0.08	24.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.20	4.53	4.32	4.68	9.79	ppb
Manganese	55-2	0.33	0.29	0.26	0.29	11.70	ppb
Molybdenum	94-1	0.46	0.38	0.39	0.41	10.38	ppb
Molybdenum	95-1	0.35	0.25	0.24	0.28	22.18	ppb
Molybdenum	96-1	0.38	0.28	0.30	0.32	15.69	ppb
Molybdenum	97-1	0.32	0.30	0.28	0.30	6.91	ppb
Molybdenum	98-1	0.33	0.29	0.25	0.29	13.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.05	0.03	72.03	ppb
Phosphorus	31-2	-9.82	-12.33	-14.71	-12.29		ppb
Potassium	39-2	0.76	3.40	-7.69	-1.17		ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	-0.16	-0.68	-0.02	-0.29		ppb
Selenium	77-2	-0.39	-0.39	-0.39	-0.39		ppb
Selenium	78-2	-0.89	-0.48	-0.56	-0.64		ppb
Silicon	28-1	-3.32	-0.09	-3.49	-2.30		ppb
Silver	107-1	0.07	0.06	0.04	0.06	26.06	ppb
Silver	109-1	0.08	0.06	0.05	0.06	21.88	ppb
Sodium	23-2	38.61	38.42	35.59	37.54	4.51	ppb
Strontium	86-1	0.54	0.41	0.31	0.42	27.87	ppb
Strontium	88-1	0.51	0.39	0.32	0.41	23.83	ppb
Sulfur	34-1	-448.75	-144.55	-271.35	-288.22		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.06	0.06	0.07	24.44	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	21.67	ppb
Tin	118-1	0.06	0.08	0.19	0.11	64.94	ppb
Titanium	47-1	0.29	0.17	0.25	0.24	26.98	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:35:29	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	17.37	ppb
Vanadium	51-2	0.01	0.02	0.03	0.02	32.05	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	0.22	0.25	0.20	0.22	13.31	ppb
Zirconium	90-1	0.10	0.09	0.09	0.09	9.12	ppb
Zirconium	91-1	0.12	0.11	0.09	0.10	11.90	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-05	Instrumnet Name :	P7
Client Sample ID :	MYD5K7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:38:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40611.75	40318.35	39526.79	40152.30	1.40	ppb
Antimony	121-1	1.42	1.53	1.45	1.47	3.86	ppb
Arsenic	75-2	207.88	201.69	206.12	205.23	1.56	ppb
Barium	135-1	677.65	681.50	666.92	675.36	1.12	ppb
Barium	137-1	680.57	687.03	673.11	680.24	1.02	ppb
Beryllium	9-1	1.20	1.25	1.17	1.21	3.45	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.52	2.63	2.75	2.64	4.46	ppb
Cadmium	106-1	2.89	1.60	2.89	2.46	30.26	ppb
Cadmium	111-1	2.18	2.05	2.19	2.14	3.55	ppb
Calcium	43-1	6029.99	6005.34	5972.56	6002.63	0.48	ppb
Calcium	44-1	6072.50	6157.11	6102.24	6110.62	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112.74	112.17	111.63	112.18	0.49	ppb
Cobalt	59-2	81.22	79.39	80.02	80.21	1.16	ppb
Copper	63-2	319.60	314.81	312.59	315.67	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	161805.13	160019.73	157921.10	159915.32	1.22	ppb
Iron	57-2	159912.22	157501.81	156268.51	157894.18	1.17	ppb
Iron	54-2	161258.15	159832.65	157573.20	159554.67	1.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-05	Instrumnet Name :	P7
Client Sample ID :	MYD5K7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:38:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	104.79	103.77	105.54	104.70	0.85	ppb
Lead	207-1	105.96	106.05	106.98	106.33	0.53	ppb
Lead	208-1	104.49	104.46	105.47	104.81	0.55	ppb
Lithium	6-1				112		%
Magnesium	24-2	23120.81	22667.25	22660.68	22816.25	1.16	ppb
Manganese	55-2	10103.86	9938.50	9926.06	9989.47	0.99	ppb
Molybdenum	94-1	14.71	15.25	15.14	15.03	1.91	ppb
Molybdenum	95-1	1.86	1.92	1.86	1.88	1.85	ppb
Molybdenum	96-1	4.08	4.22	4.38	4.23	3.56	ppb
Molybdenum	97-1	1.80	1.74	1.76	1.76	1.78	ppb
Molybdenum	98-1	1.70	1.71	1.62	1.68	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.87	93.68	91.80	93.45	1.66	ppb
Phosphorus	31-2	1702.39	1735.38	1681.90	1706.56	1.58	ppb
Potassium	39-2	10396.86	9968.46	10124.07	10163.13	2.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	0.08	0.36	0.39	0.27	62.12	ppb
Selenium	77-2	11.97	11.36	12.04	11.79	3.17	ppb
Selenium	78-2	3.73	4.33	1.48	3.18	47.24	ppb
Silicon	28-1	6466.66	6550.08	6545.61	6520.79	0.72	ppb
Silver	107-1	0.66	0.65	0.63	0.64	2.19	ppb
Silver	109-1	0.66	0.64	0.62	0.64	3.02	ppb
Sodium	23-2	216.49	213.41	211.28	213.73	1.23	ppb
Strontium	86-1	74.00	75.57	75.05	74.88	1.07	ppb
Strontium	88-1	73.90	75.26	75.67	74.94	1.24	ppb
Sulfur	34-1	-1459.52	-1649.80	-1906.08	-1671.80		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.47	0.42	0.41	0.43	7.28	ppb
Thallium	205-1	0.44	0.41	0.41	0.42	4.52	ppb
Tin	118-1	2.73	2.69	2.76	2.73	1.26	ppb
Titanium	47-1	789.91	797.81	786.50	791.40	0.73	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-05	Instrumnet Name :	P7
Client Sample ID :	MYD5K7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:38:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.92	0.93	0.93	0.95	ppb
Vanadium	51-2	295.28	289.35	290.30	291.64	1.09	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	370.63	366.81	360.84	366.10	1.35	ppb
Zirconium	90-1	8.17	8.11	8.17	8.15	0.43	ppb
Zirconium	91-1	7.84	8.27	8.51	8.21	4.12	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:42:08	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39967.53	36563.58	37850.30	38127.14	4.51	ppb
Antimony	121-1	1.96	1.90	1.89	1.92	1.79	ppb
Arsenic	75-2	180.65	160.74	165.62	169.00	6.14	ppb
Barium	135-1	1368.14	1394.23	1383.54	1381.97	0.95	ppb
Barium	137-1	1354.05	1385.07	1379.12	1372.75	1.20	ppb
Beryllium	9-1	1.46	1.55	1.42	1.48	4.38	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.44	2.66	3.02	2.71	10.92	ppb
Cadmium	106-1	2.93	2.85	3.58	3.12	12.79	ppb
Cadmium	111-1	2.09	2.07	2.18	2.11	2.67	ppb
Calcium	43-1	5644.98	5598.82	5602.53	5615.45	0.46	ppb
Calcium	44-1	5620.76	5726.55	5748.76	5698.69	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.48	98.20	101.90	102.20	4.06	ppb
Cobalt	59-2	89.95	82.78	84.06	85.60	4.46	ppb
Copper	63-2	299.12	276.22	281.25	285.53	4.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	217275.75	202891.55	204810.45	208325.92	3.75	ppb
Iron	57-2	216158.96	197829.52	201848.85	205279.11	4.69	ppb
Iron	54-2	219561.44	200438.14	206509.18	208836.25	4.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:42:08	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	129.90	132.10	131.98	131.33	0.94	ppb
Lead	207-1	133.80	137.13	135.77	135.57	1.24	ppb
Lead	208-1	130.90	133.59	132.50	132.33	1.02	ppb
Lithium	6-1				108		%
Magnesium	24-2	22659.04	20859.13	21771.26	21763.14	4.14	ppb
Manganese	55-2	19795.58	18455.59	18895.80	19048.99	3.59	ppb
Molybdenum	94-1	18.65	18.54	18.39	18.52	0.71	ppb
Molybdenum	95-1	2.39	2.34	2.28	2.34	2.21	ppb
Molybdenum	96-1	4.98	5.13	4.94	5.02	2.04	ppb
Molybdenum	97-1	1.96	2.04	2.02	2.01	2.08	ppb
Molybdenum	98-1	1.94	1.93	1.91	1.93	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.57	86.89	89.90	90.79	4.86	ppb
Phosphorus	31-2	2302.44	2137.33	2220.41	2220.06	3.72	ppb
Potassium	39-2	11260.22	10348.98	10569.23	10726.14	4.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	82-1	-0.42	0.26	0.75	0.19	304.17	ppb
Selenium	77-2	10.46	11.35	13.87	11.90	14.85	ppb
Selenium	78-2	0.30	2.25	0.49	1.01	105.94	ppb
Silicon	28-1	6964.06	7022.17	7088.46	7024.90	0.89	ppb
Silver	107-1	0.51	0.53	0.52	0.52	1.87	ppb
Silver	109-1	0.52	0.54	0.58	0.54	5.51	ppb
Sodium	23-2	215.77	200.94	204.53	207.08	3.74	ppb
Strontium	86-1	104.84	105.54	104.45	104.95	0.53	ppb
Strontium	88-1	104.11	105.06	104.68	104.62	0.46	ppb
Sulfur	34-1	-1729.61	-1651.87	-1679.06	-1686.85		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.41	0.40	0.40	0.40	1.45	ppb
Thallium	205-1	0.39	0.40	0.40	0.39	1.91	ppb
Tin	118-1	2.42	2.55	2.52	2.50	2.58	ppb
Titanium	47-1	700.09	711.03	713.19	708.10	0.99	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:42:08	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.02	1.03	1.02	0.67	ppb
Vanadium	51-2	276.99	255.83	262.90	265.24	4.06	ppb
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	488.46	451.79	467.38	469.21	3.92	ppb
Zirconium	90-1	10.11	10.27	10.25	10.21	0.84	ppb
Zirconium	91-1	10.14	10.11	10.32	10.19	1.09	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-07	Instrumnet Name :	P7
Client Sample ID :	MYD5K9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:45:23	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35204.23	35145.72	34541.79	34963.91	1.05	ppb
Antimony	121-1	1.64	1.77	1.69	1.70	3.98	ppb
Arsenic	75-2	136.53	139.75	140.05	138.78	1.41	ppb
Barium	135-1	774.77	790.84	790.63	785.41	1.17	ppb
Barium	137-1	818.81	851.59	838.75	836.38	1.98	ppb
Beryllium	9-1	1.40	1.55	1.33	1.43	8.10	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.08	2.66	2.86	2.87	7.32	ppb
Cadmium	106-1	1.98	2.45	0.93	1.79	43.59	ppb
Cadmium	111-1	1.68	1.88	1.74	1.77	5.99	ppb
Calcium	43-1	4821.81	4982.38	4976.66	4926.95	1.85	ppb
Calcium	44-1	4929.46	5011.57	5108.96	5016.66	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.61	104.90	103.91	104.80	0.82	ppb
Cobalt	59-2	68.54	67.73	67.51	67.93	0.80	ppb
Copper	63-2	226.18	226.67	223.67	225.51	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				107		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	157081.08	155768.15	155664.45	156171.23	0.51	ppb
Iron	57-2	155847.68	154317.48	155182.88	155116.01	0.49	ppb
Iron	54-2	157823.26	159294.37	156112.53	157743.39	1.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-07	Instrumnet Name :	P7
Client Sample ID :	MYD5K9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:45:23	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.98	83.68	82.87	83.18	0.53	ppb
Lead	207-1	85.92	83.65	82.73	84.10	1.96	ppb
Lead	208-1	82.86	83.41	81.88	82.72	0.93	ppb
Lithium	6-1				104		%
Magnesium	24-2	18725.51	18792.29	18524.82	18680.87	0.75	ppb
Manganese	55-2	10103.70	9945.79	9843.76	9964.42	1.31	ppb
Molybdenum	94-1	17.62	17.83	18.00	17.81	1.06	ppb
Molybdenum	95-1	1.51	1.52	1.48	1.50	1.25	ppb
Molybdenum	96-1	4.18	4.29	4.18	4.22	1.46	ppb
Molybdenum	97-1	1.50	1.51	1.34	1.45	6.37	ppb
Molybdenum	98-1	1.35	1.37	1.35	1.36	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.35	93.57	92.99	93.97	1.31	ppb
Phosphorus	31-2	1727.17	1788.75	1827.43	1781.12	2.84	ppb
Potassium	39-2	8055.95	8107.81	8022.47	8062.08	0.53	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.04	0.13	-0.19	0.00		ppb
Selenium	77-2	10.69	8.50	13.26	10.82	22.02	ppb
Selenium	78-2	0.45	1.10	2.19	1.25	70.43	ppb
Silicon	28-1	6995.61	7095.13	7242.30	7111.02	1.75	ppb
Silver	107-1	0.36	0.34	0.39	0.37	6.83	ppb
Silver	109-1	0.32	0.38	0.41	0.37	12.41	ppb
Sodium	23-2	214.89	213.65	210.95	213.16	0.95	ppb
Strontium	86-1	59.36	60.52	58.37	59.42	1.82	ppb
Strontium	88-1	59.44	60.50	59.47	59.80	1.01	ppb
Sulfur	34-1	-1820.51	-1732.53	-1640.39	-1731.14		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.39	0.36	0.37	0.37	3.94	ppb
Thallium	205-1	0.38	0.37	0.38	0.38	1.00	ppb
Tin	118-1	2.38	2.38	2.40	2.39	0.49	ppb
Titanium	47-1	894.84	908.93	922.72	908.83	1.53	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-07	Instrumnet Name :	P7
Client Sample ID :	MYD5K9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:45:23	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.83	0.83	0.85	3.49	ppb
Vanadium	51-2	241.02	240.26	239.79	240.36	0.26	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	323.23	324.31	318.27	321.94	1.00	ppb
Zirconium	90-1	10.02	9.96	9.72	9.90	1.60	ppb
Zirconium	91-1	9.52	9.88	9.99	9.80	2.49	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:48:42	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40383.08	40170.79	40288.80	40280.89	0.26	ppb
Antimony	121-1	1.11	1.15	1.15	1.14	2.01	ppb
Arsenic	75-2	116.38	117.23	114.38	116.00	1.26	ppb
Barium	135-1	769.69	769.13	767.28	768.70	0.16	ppb
Barium	137-1	772.52	768.32	767.36	769.40	0.36	ppb
Beryllium	9-1	1.31	1.30	1.55	1.39	10.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.57	1.77	1.65	2.00	25.14	ppb
Cadmium	106-1	2.18	1.89	1.17	1.75	29.73	ppb
Cadmium	111-1	1.23	1.09	1.07	1.13	7.42	ppb
Calcium	43-1	6383.02	6404.33	6294.58	6360.64	0.91	ppb
Calcium	44-1	6432.43	6551.23	6537.85	6507.17	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.51	106.45	105.78	106.25	0.38	ppb
Cobalt	59-2	79.64	78.69	79.30	79.21	0.61	ppb
Copper	63-2	192.48	193.11	191.56	192.38	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				99		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				85		%
Iron	56-2	171992.19	171936.69	170946.06	171624.98	0.34	ppb
Iron	57-2	171842.10	172563.90	171777.91	172061.30	0.25	ppb
Iron	54-2	173079.14	173150.04	173334.69	173187.96	0.08	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:48:42	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.65	85.96	85.89	85.17	1.54	ppb
Lead	207-1	86.42	88.07	88.28	87.59	1.16	ppb
Lead	208-1	84.31	86.28	86.71	85.77	1.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	22186.69	22050.55	22078.18	22105.14	0.33	ppb
Manganese	55-2	14066.10	14112.99	13997.21	14058.77	0.41	ppb
Molybdenum	94-1	17.84	18.33	18.28	18.15	1.47	ppb
Molybdenum	95-1	2.01	1.95	1.94	1.96	1.90	ppb
Molybdenum	96-1	4.62	4.60	4.56	4.59	0.68	ppb
Molybdenum	97-1	1.76	1.83	1.76	1.79	2.18	ppb
Molybdenum	98-1	1.67	1.68	1.74	1.70	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.62	88.89	88.05	88.85	0.89	ppb
Phosphorus	31-2	1862.18	1887.32	1913.71	1887.74	1.37	ppb
Potassium	39-2	10050.04	10207.79	10317.97	10191.93	1.32	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.80	0.39	-0.43	-0.28		ppb
Selenium	77-2	9.10	12.24	16.70	12.68	30.11	ppb
Selenium	78-2	-0.75	1.16	2.53	0.98	168.54	ppb
Silicon	28-1	6965.86	7128.23	7042.20	7045.43	1.15	ppb
Silver	107-1	0.25	0.24	0.25	0.25	3.62	ppb
Silver	109-1	0.23	0.24	0.26	0.24	5.05	ppb
Sodium	23-2	196.92	198.45	196.72	197.36	0.48	ppb
Strontium	86-1	91.45	91.54	91.08	91.36	0.27	ppb
Strontium	88-1	91.27	91.81	92.28	91.79	0.55	ppb
Sulfur	34-1	-1693.62	-1546.93	-1647.50	-1629.35		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.40	0.38	0.41	0.40	2.87	ppb
Thallium	205-1	0.40	0.39	0.39	0.39	1.78	ppb
Tin	118-1	2.44	2.31	2.32	2.36	3.13	ppb
Titanium	47-1	854.86	867.89	865.37	862.71	0.80	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:48:42	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.13	1.13	1.12	1.45	ppb
Vanadium	51-2	246.32	245.74	246.73	246.27	0.20	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	389.59	385.85	386.35	387.26	0.52	ppb
Zirconium	90-1	9.98	9.97	10.03	9.99	0.31	ppb
Zirconium	91-1	9.66	10.04	10.32	10.01	3.30	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-09	Instrumnet Name :	P7
Client Sample ID :	MYD4E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:51:59	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38736.71	38539.47	38728.81	38668.33	0.29	ppb
Antimony	121-1	0.92	0.87	0.84	0.87	4.62	ppb
Arsenic	75-2	61.58	61.55	61.95	61.69	0.36	ppb
Barium	135-1	732.44	728.32	729.38	730.04	0.29	ppb
Barium	137-1	734.57	735.35	737.48	735.80	0.20	ppb
Beryllium	9-1	1.82	1.77	1.95	1.85	5.14	ppb
Bismuth	209-1				98		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.40	4.42	3.00	3.61	20.34	ppb
Cadmium	106-1	4.29	4.37	4.59	4.42	3.52	ppb
Cadmium	111-1	2.26	1.98	2.32	2.18	8.25	ppb
Calcium	43-1	59583.76	61002.66	60403.59	60330.00	1.18	ppb
Calcium	44-1	56237.66	58326.51	58093.73	57552.64	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.04	60.55	58.83	59.80	1.48	ppb
Cobalt	59-2	34.87	34.93	34.14	34.65	1.27	ppb
Copper	63-2	203.91	206.39	201.88	204.06	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				98		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				84		%
Iron	56-2	66247.21	66564.02	65845.60	66218.94	0.54	ppb
Iron	57-2	66687.68	68857.89	66896.70	67480.76	1.77	ppb
Iron	54-2	67955.11	67593.66	66137.72	67228.83	1.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-09	Instrumnet Name :	P7
Client Sample ID :	MYD4E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:51:59	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	138.93	136.17	135.22	136.77	1.41	ppb
Lead	207-1	139.83	138.08	138.70	138.87	0.64	ppb
Lead	208-1	138.12	136.59	136.19	136.97	0.74	ppb
Lithium	6-1				94		%
Magnesium	24-2	17779.11	18120.76	17805.79	17901.89	1.06	ppb
Manganese	55-2	1769.98	1768.49	1717.83	1752.10	1.69	ppb
Molybdenum	94-1	29.00	29.96	29.97	29.64	1.88	ppb
Molybdenum	95-1	0.67	0.67	0.71	0.68	3.41	ppb
Molybdenum	96-1	4.12	4.00	4.13	4.08	1.75	ppb
Molybdenum	97-1	0.64	0.70	0.72	0.69	6.38	ppb
Molybdenum	98-1	0.71	0.66	0.68	0.68	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.35	99.34	97.75	98.48	0.81	ppb
Phosphorus	31-2	4067.74	4218.78	3956.50	4081.01	3.23	ppb
Potassium	39-2	8725.60	8815.92	8706.58	8749.37	0.67	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	82-1	0.64	1.44	0.77	0.95	45.12	ppb
Selenium	77-2	19.02	14.65	15.26	16.31	14.49	ppb
Selenium	78-2	1.67	2.83	2.25	2.25	25.68	ppb
Silicon	28-1	7392.79	7650.16	7538.44	7527.13	1.71	ppb
Silver	107-1	1.03	1.07	1.09	1.06	3.08	ppb
Silver	109-1	1.07	1.08	1.10	1.08	1.60	ppb
Sodium	23-2	376.08	382.62	375.54	378.08	1.04	ppb
Strontium	86-1	450.08	446.38	448.47	448.31	0.41	ppb
Strontium	88-1	456.46	453.40	460.63	456.83	0.79	ppb
Sulfur	34-1	-400.51	-234.43	-200.03	-278.32		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	0.30	0.28	0.29	0.29	4.23	ppb
Thallium	205-1	0.27	0.27	0.27	0.27	0.82	ppb
Tin	118-1	7.51	7.23	7.37	7.37	1.87	ppb
Titanium	47-1	1252.48	1290.85	1281.05	1274.80	1.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-09	Instrumnet Name :	P7
Client Sample ID :	MYD4E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:51:59	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.27	1.27	1.27	0.25	ppb
Vanadium	51-2	118.15	119.20	117.66	118.34	0.67	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	493.75	501.01	490.99	495.25	1.05	ppb
Zirconium	90-1	17.20	17.07	17.39	17.22	0.95	ppb
Zirconium	91-1	17.15	17.46	16.92	17.18	1.60	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-10	Instrumnet Name :	P7
Client Sample ID :	MYD4E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:55:16	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36762.94	36741.74	37024.77	36843.15	0.43	ppb
Antimony	121-1	0.58	0.64	0.62	0.61	5.32	ppb
Arsenic	75-2	52.11	52.39	52.27	52.26	0.27	ppb
Barium	135-1	594.26	591.65	601.94	595.95	0.90	ppb
Barium	137-1	600.33	590.22	611.04	600.53	1.73	ppb
Beryllium	9-1	1.79	1.79	1.74	1.77	1.81	ppb
Bismuth	209-1				93		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.02	3.53	3.65	3.40	9.79	ppb
Cadmium	106-1	4.00	2.18	4.03	3.40	31.03	ppb
Cadmium	111-1	1.59	1.51	1.68	1.59	5.47	ppb
Calcium	43-1	65488.75	67337.15	67330.00	66718.63	1.60	ppb
Calcium	44-1	63838.12	64725.44	65133.72	64565.76	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.21	55.58	55.81	55.53	0.54	ppb
Cobalt	59-2	31.83	32.15	32.02	32.00	0.50	ppb
Copper	63-2	121.25	122.32	123.91	122.49	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				89		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	56-2	57591.91	58525.10	59243.90	58453.64	1.42	ppb
Iron	57-2	58349.25	58079.80	59195.39	58541.48	0.99	ppb
Iron	54-2	58794.93	57864.31	58815.00	58491.41	0.93	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-10	Instrumnet Name :	P7
Client Sample ID :	MYD4E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:55:16	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	89.44	89.43	88.09	88.99	0.87	ppb
Lead	207-1	92.48	94.46	91.85	92.93	1.47	ppb
Lead	208-1	90.02	90.88	88.96	89.96	1.07	ppb
Lithium	6-1				87		%
Magnesium	24-2	16489.60	16724.32	16816.71	16676.88	1.01	ppb
Manganese	55-2	1491.88	1496.22	1496.23	1494.78	0.17	ppb
Molybdenum	94-1	33.31	33.64	33.77	33.57	0.71	ppb
Molybdenum	95-1	0.60	0.55	0.63	0.59	6.30	ppb
Molybdenum	96-1	4.19	4.35	4.25	4.26	1.98	ppb
Molybdenum	97-1	0.49	0.64	0.61	0.58	13.67	ppb
Molybdenum	98-1	0.53	0.57	0.59	0.56	5.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.79	87.59	89.31	87.90	1.46	ppb
Phosphorus	31-2	4309.36	4231.58	4348.86	4296.60	1.39	ppb
Potassium	39-2	9538.24	9515.90	9486.14	9513.43	0.27	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	82-1	1.19	1.15	1.20	1.18	2.06	ppb
Selenium	77-2	12.73	16.71	13.46	14.30	14.85	ppb
Selenium	78-2	1.63	4.06	5.29	3.66	50.89	ppb
Silicon	28-1	7650.73	7827.03	7884.67	7787.48	1.57	ppb
Silver	107-1	0.62	0.65	0.65	0.64	2.62	ppb
Silver	109-1	0.65	0.65	0.68	0.66	2.47	ppb
Sodium	23-2	301.38	309.62	308.44	306.48	1.45	ppb
Strontium	86-1	403.92	410.36	409.70	407.99	0.87	ppb
Strontium	88-1	413.82	421.91	417.22	417.65	0.97	ppb
Sulfur	34-1	-86.38	-27.02	-109.14	-74.18		ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.27	0.30	0.28	0.28	4.69	ppb
Thallium	205-1	0.25	0.26	0.26	0.26	3.14	ppb
Tin	118-1	3.59	3.53	3.64	3.58	1.52	ppb
Titanium	47-1	1068.70	1102.29	1095.93	1088.98	1.64	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-10	Instrumnet Name :	P7
Client Sample ID :	MYD4E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:55:16	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.28	1.24	1.25	2.10	ppb
Vanadium	51-2	104.13	103.35	104.56	104.02	0.59	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%
Zinc	66-2	512.86	519.76	519.54	517.39	0.76	ppb
Zirconium	90-1	19.40	19.59	19.62	19.54	0.61	ppb
Zirconium	91-1	19.23	19.76	19.33	19.44	1.46	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-11	Instrumnet Name :	P7
Client Sample ID :	MYD4E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:58:30	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35509.86	35452.06	35588.85	35516.92	0.19	ppb
Antimony	121-1	0.85	0.84	0.83	0.84	1.28	ppb
Arsenic	75-2	60.03	57.88	59.94	59.28	2.05	ppb
Barium	135-1	663.33	667.62	683.82	671.59	1.61	ppb
Barium	137-1	665.33	677.32	688.91	677.19	1.74	ppb
Beryllium	9-1	1.66	1.64	1.63	1.64	0.95	ppb
Bismuth	209-1				93		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.58	2.98	4.65	3.74	22.69	ppb
Cadmium	106-1	3.56	5.00	5.25	4.60	19.88	ppb
Cadmium	111-1	2.08	2.29	2.07	2.14	5.75	ppb
Calcium	43-1	40587.93	41821.39	42141.37	41516.90	1.98	ppb
Calcium	44-1	39022.03	40308.85	39659.21	39663.36	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.22	57.11	57.49	56.94	1.14	ppb
Cobalt	59-2	33.29	34.38	33.78	33.81	1.62	ppb
Copper	63-2	179.81	181.40	181.59	180.93	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				90		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	56-2	60607.34	60681.35	60993.23	60760.64	0.34	ppb
Iron	57-2	61151.51	61713.90	60728.10	61197.83	0.81	ppb
Iron	54-2	60987.43	61560.94	62079.37	61542.58	0.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-11	Instrumnet Name :	P7
Client Sample ID :	MYD4E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:58:30	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	120.51	123.25	123.60	122.45	1.39	ppb
Lead	207-1	124.06	125.49	126.54	125.36	1.00	ppb
Lead	208-1	121.34	123.91	124.16	123.14	1.27	ppb
Lithium	6-1				88		%
Magnesium	24-2	16093.61	16191.17	16266.49	16183.76	0.54	ppb
Manganese	55-2	1870.33	1887.28	1887.16	1881.59	0.52	ppb
Molybdenum	94-1	32.57	32.59	34.07	33.07	2.60	ppb
Molybdenum	95-1	0.69	0.69	0.70	0.69	1.48	ppb
Molybdenum	96-1	4.42	4.30	4.59	4.44	3.21	ppb
Molybdenum	97-1	0.64	0.65	0.64	0.64	0.74	ppb
Molybdenum	98-1	0.70	0.65	0.66	0.67	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.94	94.80	95.20	95.31	0.60	ppb
Phosphorus	31-2	3574.36	3555.53	3684.59	3604.83	1.93	ppb
Potassium	39-2	8237.57	8243.12	8173.19	8217.96	0.47	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				84		%
Scandium	45-2				86		%
Selenium	82-1	1.66	0.23	0.70	0.86	84.44	ppb
Selenium	77-2	15.75	15.77	16.45	15.99	2.49	ppb
Selenium	78-2	2.50	4.68	5.69	4.29	37.99	ppb
Silicon	28-1	7275.97	7523.35	7389.17	7396.16	1.67	ppb
Silver	107-1	1.00	0.95	1.06	1.00	5.61	ppb
Silver	109-1	0.99	1.00	1.02	1.00	1.56	ppb
Sodium	23-2	320.91	324.83	328.24	324.66	1.13	ppb
Strontium	86-1	381.54	378.00	392.98	384.18	2.04	ppb
Strontium	88-1	386.31	387.39	395.59	389.76	1.30	ppb
Sulfur	34-1	-499.51	-357.52	-411.09	-422.71		ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	0.28	0.29	0.31	0.30	4.20	ppb
Thallium	205-1	0.28	0.29	0.28	0.28	1.45	ppb
Tin	118-1	4.51	4.73	4.71	4.65	2.63	ppb
Titanium	47-1	1240.37	1286.48	1275.01	1267.29	1.89	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-11	Instrumnet Name :	P7
Client Sample ID :	MYD4E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:58:30	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.22	1.15	1.16	4.36	ppb
Vanadium	51-2	109.62	110.16	110.12	109.96	0.27	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	464.72	469.47	470.79	468.33	0.68	ppb
Zirconium	90-1	19.40	19.14	19.74	19.42	1.54	ppb
Zirconium	91-1	18.85	19.31	19.43	19.20	1.60	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-12	Instrumnet Name :	P7
Client Sample ID :	MYD4E9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:01:47	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29083.29	28930.94	28872.22	28962.15	0.38	ppb
Antimony	121-1	0.96	0.94	0.96	0.95	1.22	ppb
Arsenic	75-2	51.93	55.06	55.58	54.19	3.64	ppb
Barium	135-1	485.11	489.30	490.35	488.25	0.57	ppb
Barium	137-1	485.39	489.73	487.84	487.65	0.45	ppb
Beryllium	9-1	1.45	1.42	1.34	1.40	4.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.14	3.46	3.60	3.40	6.96	ppb
Cadmium	106-1	1.69	2.22	5.01	2.97	60.08	ppb
Cadmium	111-1	2.00	1.97	2.18	2.05	5.55	ppb
Calcium	43-1	34512.27	34241.48	34028.41	34260.72	0.71	ppb
Calcium	44-1	32604.06	32568.78	32797.90	32656.91	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.70	44.79	44.48	44.66	0.36	ppb
Cobalt	59-2	28.00	28.05	28.17	28.07	0.30	ppb
Copper	63-2	156.57	157.57	158.17	157.44	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				86		%
Iron	56-2	53226.33	53070.77	53154.99	53150.70	0.15	ppb
Iron	57-2	53044.77	53233.39	53455.84	53244.67	0.39	ppb
Iron	54-2	53129.54	53923.23	53160.46	53404.41	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-12	Instrumnet Name :	P7
Client Sample ID :	MYD4E9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:01:47	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.12	111.95	114.24	112.10	1.84	ppb
Lead	207-1	112.84	115.09	118.18	115.37	2.32	ppb
Lead	208-1	110.62	112.82	115.23	112.89	2.04	ppb
Lithium	6-1				92		%
Magnesium	24-2	12914.31	12714.38	12922.01	12850.23	0.92	ppb
Manganese	55-2	1418.50	1455.99	1445.65	1440.05	1.34	ppb
Molybdenum	94-1	24.61	24.44	24.94	24.66	1.04	ppb
Molybdenum	95-1	0.56	0.55	0.61	0.58	4.95	ppb
Molybdenum	96-1	3.44	3.32	3.33	3.36	1.94	ppb
Molybdenum	97-1	0.54	0.58	0.53	0.55	4.88	ppb
Molybdenum	98-1	0.57	0.56	0.53	0.55	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.81	74.38	71.74	72.98	1.82	ppb
Phosphorus	31-2	2924.25	2885.87	2890.43	2900.18	0.72	ppb
Potassium	39-2	6561.73	6591.98	6590.85	6581.52	0.26	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	1.27	1.20	0.50	0.99	42.70	ppb
Selenium	77-2	18.93	16.55	14.64	16.71	12.86	ppb
Selenium	78-2	2.97	3.99	3.78	3.58	14.94	ppb
Silicon	28-1	7147.82	7057.70	7099.53	7101.68	0.64	ppb
Silver	107-1	0.71	0.77	0.71	0.73	4.71	ppb
Silver	109-1	0.73	0.81	0.74	0.76	5.67	ppb
Sodium	23-2	300.39	304.70	305.25	303.44	0.88	ppb
Strontium	86-1	255.78	253.71	257.90	255.80	0.82	ppb
Strontium	88-1	255.89	260.55	262.02	259.49	1.23	ppb
Sulfur	34-1	-585.30	-627.98	-820.92	-678.07		ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.21	0.21	0.21	0.21	1.54	ppb
Thallium	205-1	0.21	0.23	0.22	0.22	4.51	ppb
Tin	118-1	5.50	4.94	4.97	5.14	6.14	ppb
Titanium	47-1	1123.95	1106.51	1108.90	1113.12	0.85	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-12	Instrumnet Name :	P7
Client Sample ID :	MYD4E9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:01:47	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.99	1.01	0.99	1.92	ppb
Vanadium	51-2	93.86	93.27	93.17	93.43	0.40	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	482.91	479.63	484.88	482.47	0.55	ppb
Zirconium	90-1	14.45	14.30	14.57	14.44	0.93	ppb
Zirconium	91-1	14.50	14.36	14.60	14.48	0.84	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-13	Instrumnet Name :	P7
Client Sample ID :	MYD4F0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:05:04	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36998.64	36697.98	36912.91	36869.85	0.42	ppb
Antimony	121-1	2.92	2.82	2.90	2.88	1.84	ppb
Arsenic	75-2	239.77	233.62	239.95	237.78	1.52	ppb
Barium	135-1	429.44	436.95	438.25	434.88	1.09	ppb
Barium	137-1	430.08	434.84	439.48	434.80	1.08	ppb
Beryllium	9-1	1.52	1.42	1.53	1.49	3.93	ppb
Bismuth	209-1				97		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.85	5.43	4.64	5.31	11.51	ppb
Cadmium	106-1	5.67	3.48	3.88	4.34	26.79	ppb
Cadmium	111-1	4.33	3.97	4.31	4.20	4.82	ppb
Calcium	43-1	31742.62	32485.09	32583.64	32270.45	1.42	ppb
Calcium	44-1	30583.67	31278.09	31540.75	31134.17	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.76	56.84	56.26	56.62	0.56	ppb
Cobalt	59-2	34.65	34.62	35.47	34.91	1.39	ppb
Copper	63-2	196.33	195.54	197.66	196.51	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	56-2	78474.96	79205.12	79523.63	79067.90	0.68	ppb
Iron	57-2	80054.60	80163.84	79217.90	79812.12	0.65	ppb
Iron	54-2	78293.59	78270.08	79596.14	78719.94	0.96	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-13	Instrumnet Name :	P7
Client Sample ID :	MYD4F0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:05:04	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	352.08	359.52	360.10	357.23	1.25	ppb
Lead	207-1	376.13	384.62	383.84	381.53	1.23	ppb
Lead	208-1	387.44	398.75	392.26	392.82	1.44	ppb
Lithium	6-1				91		%
Magnesium	24-2	14544.14	14474.30	14589.57	14536.00	0.40	ppb
Manganese	55-2	1620.04	1635.37	1628.71	1628.04	0.47	ppb
Molybdenum	94-1	20.58	20.71	21.09	20.79	1.28	ppb
Molybdenum	95-1	1.14	1.12	1.14	1.14	1.30	ppb
Molybdenum	96-1	3.67	3.61	3.78	3.69	2.37	ppb
Molybdenum	97-1	1.09	1.14	1.28	1.17	8.15	ppb
Molybdenum	98-1	1.12	1.10	1.14	1.12	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.91	64.78	64.24	64.64	0.54	ppb
Phosphorus	31-2	3175.32	3243.98	3154.28	3191.19	1.47	ppb
Potassium	39-2	9562.20	9668.85	9773.56	9668.20	1.09	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	2.81	1.74	3.01	2.52	27.09	ppb
Selenium	77-2	10.72	18.93	11.55	13.73	32.93	ppb
Selenium	78-2	2.13	6.20	3.04	3.79	56.31	ppb
Silicon	28-1	7418.51	7535.82	7674.93	7543.09	1.70	ppb
Silver	107-1	2.20	2.20	2.31	2.24	2.66	ppb
Silver	109-1	2.20	2.21	2.30	2.24	2.37	ppb
Sodium	23-2	286.37	289.16	290.89	288.81	0.79	ppb
Strontium	86-1	217.10	220.12	221.90	219.71	1.10	ppb
Strontium	88-1	221.98	224.10	229.10	225.06	1.62	ppb
Sulfur	34-1	457.69	411.87	553.89	474.48	15.28	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.35	0.36	0.32	0.34	5.54	ppb
Thallium	205-1	0.35	0.34	0.33	0.34	2.89	ppb
Tin	118-1	6.69	6.76	6.74	6.73	0.59	ppb
Titanium	47-1	1150.16	1177.42	1208.10	1178.56	2.46	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-13	Instrumnet Name :	P7
Client Sample ID :	MYD4F0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:05:04	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.18	1.17	1.16	1.80	ppb
Vanadium	51-2	125.71	126.19	127.00	126.30	0.52	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	1118.44	1138.17	1137.76	1131.46	1.00	ppb
Zirconium	90-1	11.50	11.70	12.01	11.74	2.19	ppb
Zirconium	91-1	11.68	11.75	12.27	11.90	2.69	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-14	Instrumnet Name :	P7
Client Sample ID :	MYD4F1	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:08:21	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34241.39	34396.54	34233.44	34290.46	0.27	ppb
Antimony	121-1	3.85	3.88	3.80	3.84	1.07	ppb
Arsenic	75-2	342.07	340.96	340.78	341.27	0.21	ppb
Barium	135-1	285.00	285.97	285.53	285.50	0.17	ppb
Barium	137-1	288.02	288.03	285.29	287.11	0.55	ppb
Beryllium	9-1	1.23	1.29	0.98	1.17	13.97	ppb
Bismuth	209-1				98		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.71	4.60	4.66	4.32	12.29	ppb
Cadmium	106-1	4.58	4.55	5.10	4.74	6.55	ppb
Cadmium	111-1	3.90	3.65	3.81	3.79	3.37	ppb
Calcium	43-1	27057.93	26933.34	27293.38	27094.89	0.67	ppb
Calcium	44-1	26215.35	25737.81	26273.60	26075.59	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.87	50.52	50.77	50.72	0.36	ppb
Cobalt	59-2	40.88	40.93	41.18	41.00	0.40	ppb
Copper	63-2	124.76	124.73	124.81	124.77	0.03	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				96		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				84		%
Iron	56-2	99767.08	100227.56	99562.49	99852.37	0.34	ppb
Iron	57-2	99784.73	99813.78	99894.71	99831.07	0.06	ppb
Iron	54-2	99208.45	100346.99	99926.90	99827.45	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-14	Instrumnet Name :	P7
Client Sample ID :	MYD4F1	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:08:21	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	303.93	301.51	301.76	302.40	0.44	ppb
Lead	207-1	330.49	326.23	328.15	328.29	0.65	ppb
Lead	208-1	339.03	335.87	334.57	336.49	0.68	ppb
Lithium	6-1				90		%
Magnesium	24-2	14459.83	14745.78	14288.52	14498.04	1.59	ppb
Manganese	55-2	1788.42	1769.39	1781.45	1779.75	0.54	ppb
Molybdenum	94-1	12.92	13.34	13.22	13.16	1.63	ppb
Molybdenum	95-1	1.25	1.32	1.25	1.27	3.02	ppb
Molybdenum	96-1	3.18	3.23	3.12	3.18	1.64	ppb
Molybdenum	97-1	1.20	1.20	1.34	1.25	6.64	ppb
Molybdenum	98-1	1.29	1.26	1.26	1.27	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.56	44.49	43.77	43.94	1.11	ppb
Phosphorus	31-2	2276.41	2248.85	2256.76	2260.67	0.63	ppb
Potassium	39-2	6490.87	6493.60	6436.67	6473.71	0.50	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				87		%
Selenium	82-1	4.08	3.60	3.35	3.67	10.11	ppb
Selenium	77-2	11.54	7.83	15.59	11.65	33.32	ppb
Selenium	78-2	4.18	10.43	4.76	6.46	53.45	ppb
Silicon	28-1	7213.94	7228.26	7269.46	7237.22	0.40	ppb
Silver	107-1	1.85	1.89	1.88	1.87	1.14	ppb
Silver	109-1	1.88	1.91	1.89	1.89	0.84	ppb
Sodium	23-2	330.99	335.76	335.73	334.16	0.82	ppb
Strontium	86-1	82.32	84.67	84.43	83.81	1.55	ppb
Strontium	88-1	82.63	83.88	83.83	83.45	0.85	ppb
Sulfur	34-1	676.56	684.54	673.71	678.27	0.83	ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	0.26	0.26	0.28	0.26	4.61	ppb
Thallium	205-1	0.28	0.26	0.28	0.28	4.72	ppb
Tin	118-1	2.73	2.80	2.65	2.73	2.66	ppb
Titanium	47-1	1579.58	1581.32	1575.38	1578.76	0.19	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-14	Instrumnet Name :	P7
Client Sample ID :	MYD4F1	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:08:21	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.85	0.86	0.85	1.50	ppb
Vanadium	51-2	174.43	173.65	175.03	174.37	0.40	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	1182.60	1191.10	1190.10	1187.93	0.39	ppb
Zirconium	90-1	7.11	7.26	7.41	7.26	2.05	ppb
Zirconium	91-1	7.17	7.17	7.37	7.24	1.63	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-15	Instrumnet Name :	P7
Client Sample ID :	MYD4F2	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:11:35	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36029.81	36014.84	37023.09	36355.91	1.59	ppb
Antimony	121-1	3.51	3.48	3.34	3.44	2.63	ppb
Arsenic	75-2	350.42	347.14	349.65	349.07	0.49	ppb
Barium	135-1	307.52	300.49	302.82	303.61	1.18	ppb
Barium	137-1	304.89	304.71	305.70	305.10	0.17	ppb
Beryllium	9-1	1.23	1.36	1.41	1.34	6.87	ppb
Bismuth	209-1				95		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.98	4.19	5.16	4.77	10.80	ppb
Cadmium	106-1	3.50	3.92	5.20	4.21	21.17	ppb
Cadmium	111-1	3.69	3.87	4.03	3.86	4.43	ppb
Calcium	43-1	27160.98	27620.90	27619.70	27467.19	0.97	ppb
Calcium	44-1	25699.70	26361.57	26127.71	26062.99	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.04	57.49	59.16	58.23	1.46	ppb
Cobalt	59-2	44.97	44.71	46.05	45.24	1.56	ppb
Copper	63-2	124.56	125.75	128.12	126.14	1.44	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				94		%
Holmium	165-2				90		%
Indium	115-1				88		%
Indium	115-2				82		%
Iron	56-2	106439.72	106791.38	108217.03	107149.38	0.88	ppb
Iron	57-2	104975.40	106323.86	109501.19	106933.48	2.17	ppb
Iron	54-2	107058.97	105601.98	106698.68	106453.21	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-15	Instrumnet Name :	P7
Client Sample ID :	MYD4F2	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:11:35	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	311.92	309.14	303.53	308.20	1.39	ppb
Lead	207-1	335.36	336.24	329.25	333.62	1.14	ppb
Lead	208-1	343.85	344.27	335.77	341.29	1.40	ppb
Lithium	6-1				87		%
Magnesium	24-2	15191.19	15306.34	15669.89	15389.14	1.62	ppb
Manganese	55-2	1754.80	1754.62	1769.87	1759.76	0.50	ppb
Molybdenum	94-1	15.47	15.49	15.45	15.47	0.12	ppb
Molybdenum	95-1	1.21	1.19	1.23	1.21	1.34	ppb
Molybdenum	96-1	3.43	3.33	3.39	3.38	1.60	ppb
Molybdenum	97-1	1.29	1.21	1.23	1.24	3.14	ppb
Molybdenum	98-1	1.22	1.19	1.22	1.21	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.05	46.30	47.02	46.46	1.09	ppb
Phosphorus	31-2	2410.60	2462.79	2562.88	2478.76	3.12	ppb
Potassium	39-2	6458.03	6494.60	6603.51	6518.71	1.16	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	3.24	2.95	4.25	3.48	19.57	ppb
Selenium	77-2	12.62	15.66	17.81	15.36	17.00	ppb
Selenium	78-2	6.92	5.20	6.13	6.08	14.20	ppb
Silicon	28-1	7497.91	7632.71	7642.94	7591.19	1.07	ppb
Silver	107-1	2.08	2.04	2.05	2.06	1.05	ppb
Silver	109-1	2.10	2.02	2.04	2.05	1.95	ppb
Sodium	23-2	315.46	314.80	321.73	317.33	1.21	ppb
Strontium	86-1	78.63	77.84	78.70	78.39	0.61	ppb
Strontium	88-1	78.11	78.05	77.96	78.04	0.10	ppb
Sulfur	34-1	551.57	644.58	723.36	639.84	13.44	ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	0.35	0.31	0.32	0.33	5.33	ppb
Thallium	205-1	0.32	0.32	0.33	0.32	3.01	ppb
Tin	118-1	2.18	2.20	2.16	2.18	0.91	ppb
Titanium	47-1	1611.57	1645.03	1648.16	1634.92	1.24	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-15	Instrumnet Name :	P7
Client Sample ID :	MYD4F2	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:11:35	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.91	0.90	0.91	0.37	ppb
Vanadium	51-2	198.22	198.13	201.59	199.31	0.99	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	1228.73	1230.56	1251.77	1237.02	1.03	ppb
Zirconium	90-1	8.47	8.38	8.45	8.43	0.55	ppb
Zirconium	91-1	8.50	8.68	8.32	8.50	2.12	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-16	Instrumnet Name :	P7
Client Sample ID :	MYD4F3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:14:52	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38710.71	39229.84	39133.61	39024.72	0.71	ppb
Antimony	121-1	1.11	1.18	1.03	1.11	6.91	ppb
Arsenic	75-2	67.16	67.10	66.69	66.98	0.38	ppb
Barium	135-1	639.19	649.12	642.82	643.71	0.78	ppb
Barium	137-1	644.07	652.28	643.69	646.68	0.75	ppb
Beryllium	9-1	1.80	1.79	1.69	1.76	3.19	ppb
Bismuth	209-1				96		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.81	3.46	3.63	3.64	4.84	ppb
Cadmium	106-1	3.78	6.76	4.61	5.05	30.45	ppb
Cadmium	111-1	2.33	2.43	2.43	2.40	2.35	ppb
Calcium	43-1	38158.48	39222.12	39129.77	38836.79	1.52	ppb
Calcium	44-1	37025.86	37276.58	37638.34	37313.59	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.28	63.04	61.68	62.00	1.49	ppb
Cobalt	59-2	35.52	35.67	35.70	35.63	0.27	ppb
Copper	63-2	199.35	202.83	200.99	201.06	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				95		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				82		%
Iron	56-2	71951.63	72518.91	72091.74	72187.43	0.41	ppb
Iron	57-2	72723.73	72906.59	71695.42	72441.91	0.90	ppb
Iron	54-2	72704.68	73094.10	72274.94	72691.24	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-16	Instrumnet Name :	P7
Client Sample ID :	MYD4F3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:14:52	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	300.60	309.42	313.89	307.97	2.20	ppb
Lead	207-1	294.49	299.45	304.66	299.53	1.70	ppb
Lead	208-1	318.40	325.19	328.48	324.02	1.59	ppb
Lithium	6-1				89		%
Magnesium	24-2	15917.19	16140.02	15988.47	16015.23	0.71	ppb
Manganese	55-2	1756.61	1794.64	1743.02	1764.76	1.52	ppb
Molybdenum	94-1	36.04	36.96	35.96	36.32	1.53	ppb
Molybdenum	95-1	0.72	0.82	0.72	0.75	7.92	ppb
Molybdenum	96-1	4.95	4.91	5.00	4.95	0.90	ppb
Molybdenum	97-1	0.70	0.70	0.80	0.73	8.28	ppb
Molybdenum	98-1	0.74	0.77	0.70	0.74	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.88	98.49	96.75	96.71	1.87	ppb
Phosphorus	31-2	3456.04	3626.75	3570.71	3551.17	2.45	ppb
Potassium	39-2	8146.39	8099.27	8201.62	8149.09	0.63	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	1.46	1.96	0.17	1.20	77.27	ppb
Selenium	77-2	14.23	15.70	14.99	14.97	4.91	ppb
Selenium	78-2	4.12	4.44	3.02	3.86	19.22	ppb
Silicon	28-1	7405.66	7538.09	7551.56	7498.43	1.08	ppb
Silver	107-1	1.00	0.94	0.95	0.96	3.22	ppb
Silver	109-1	0.99	0.93	0.94	0.95	3.34	ppb
Sodium	23-2	328.71	333.66	333.26	331.88	0.83	ppb
Strontium	86-1	361.54	364.47	359.33	361.78	0.71	ppb
Strontium	88-1	367.10	374.34	367.61	369.69	1.09	ppb
Sulfur	34-1	-926.78	-884.93	-1051.76	-954.49		ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	0.26	0.30	0.26	0.27	9.63	ppb
Thallium	205-1	0.27	0.27	0.27	0.27	1.18	ppb
Tin	118-1	110.85	111.49	111.21	111.18	0.29	ppb
Titanium	47-1	1383.94	1416.17	1418.56	1406.22	1.38	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-16	Instrumnet Name :	P7
Client Sample ID :	MYD4F3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:14:52	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.19	1.20	1.18	2.65	ppb
Vanadium	51-2	124.08	125.68	122.41	124.06	1.32	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	506.45	511.33	512.12	509.96	0.60	ppb
Zirconium	90-1	21.02	21.57	21.34	21.31	1.31	ppb
Zirconium	91-1	21.55	21.60	21.14	21.43	1.18	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-17	Instrumnet Name :	P7
Client Sample ID :	MYD4F4	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:18:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40179.71	39764.52	40597.65	40180.63	1.04	ppb
Antimony	121-1	3.65	3.46	3.45	3.52	3.08	ppb
Arsenic	75-2	297.48	302.99	300.12	300.20	0.92	ppb
Barium	135-1	436.46	405.48	411.17	417.70	3.95	ppb
Barium	137-1	439.75	404.42	415.61	419.93	4.30	ppb
Beryllium	9-1	1.56	1.51	1.44	1.50	4.09	ppb
Bismuth	209-1				95		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.87	5.58	4.75	5.40	10.71	ppb
Cadmium	106-1	4.45	3.29	4.57	4.10	17.23	ppb
Cadmium	111-1	4.71	4.52	4.66	4.63	2.19	ppb
Calcium	43-1	29900.39	28361.40	28486.52	28916.10	2.96	ppb
Calcium	44-1	28179.25	27392.63	27151.29	27574.39	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.37	57.57	58.76	57.90	1.29	ppb
Cobalt	59-2	34.58	35.02	34.69	34.77	0.66	ppb
Copper	63-2	176.49	176.03	175.57	176.03	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	83949.85	82924.51	84003.37	83625.91	0.73	ppb
Iron	57-2	83873.98	83281.60	84627.16	83927.58	0.80	ppb
Iron	54-2	84526.11	84649.07	84765.12	84646.77	0.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-17	Instrumnet Name :	P7
Client Sample ID :	MYD4F4	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:18:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	409.53	376.61	385.28	390.47	4.37	ppb
Lead	207-1	439.93	408.74	412.89	420.52	4.03	ppb
Lead	208-1	456.77	421.59	423.43	433.93	4.56	ppb
Lithium	6-1				87		%
Magnesium	24-2	15323.43	15326.24	15339.54	15329.74	0.06	ppb
Manganese	55-2	1662.80	1633.72	1645.74	1647.42	0.89	ppb
Molybdenum	94-1	17.45	16.42	17.05	16.97	3.07	ppb
Molybdenum	95-1	1.11	1.03	1.16	1.10	5.92	ppb
Molybdenum	96-1	3.35	3.15	3.16	3.22	3.57	ppb
Molybdenum	97-1	1.13	1.09	1.07	1.10	2.91	ppb
Molybdenum	98-1	1.13	0.98	1.04	1.05	7.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.52	56.94	58.10	57.18	1.43	ppb
Phosphorus	31-2	2921.20	2950.94	2893.35	2921.83	0.99	ppb
Potassium	39-2	10893.61	10762.33	10904.10	10853.35	0.73	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	4.40	4.34	3.11	3.95	18.44	ppb
Selenium	77-2	17.91	19.92	12.96	16.93	21.15	ppb
Selenium	78-2	7.32	6.23	6.64	6.73	8.17	ppb
Silicon	28-1	8278.48	7873.08	7927.89	8026.48	2.74	ppb
Silver	107-1	2.63	2.56	2.52	2.57	2.09	ppb
Silver	109-1	2.64	2.56	2.60	2.60	1.55	ppb
Sodium	23-2	299.81	294.63	304.34	299.59	1.62	ppb
Strontium	86-1	172.41	159.08	163.51	165.00	4.11	ppb
Strontium	88-1	174.74	165.54	167.46	169.25	2.87	ppb
Sulfur	34-1	1285.30	873.66	871.06	1010.00	23.61	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.37	0.35	0.34	0.35	3.11	ppb
Thallium	205-1	0.38	0.37	0.36	0.37	2.38	ppb
Tin	118-1	3.46	3.17	3.31	3.31	4.44	ppb
Titanium	47-1	1243.59	1187.32	1194.75	1208.56	2.53	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-17	Instrumnet Name :	P7
Client Sample ID :	MYD4F4	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:18:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.06	1.08	1.09	4.10	ppb
Vanadium	51-2	130.97	131.44	128.40	130.27	1.25	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	1218.98	1212.20	1226.21	1219.13	0.57	ppb
Zirconium	90-1	9.88	9.20	9.43	9.50	3.64	ppb
Zirconium	91-1	10.19	9.27	9.45	9.64	5.07	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-18	Instrumnet Name :	P7
Client Sample ID :	MYD4F5	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:21:21	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34482.13	35118.40	34360.79	34653.77	1.17	ppb
Antimony	121-1	1.12	1.10	1.04	1.09	3.70	ppb
Arsenic	75-2	61.27	61.18	61.29	61.25	0.09	ppb
Barium	135-1	414.86	415.04	407.53	412.48	1.04	ppb
Barium	137-1	420.17	417.35	409.16	415.56	1.38	ppb
Beryllium	9-1	1.43	1.69	1.50	1.54	8.75	ppb
Bismuth	209-1				98		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.31	3.16	2.36	2.94	17.25	ppb
Cadmium	106-1	2.56	2.07	2.18	2.27	11.39	ppb
Cadmium	111-1	1.71	1.70	1.74	1.72	1.35	ppb
Calcium	43-1	16221.93	16019.35	16468.06	16236.45	1.38	ppb
Calcium	44-1	15801.56	15659.67	15268.04	15576.42	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.21	58.72	58.46	58.80	0.65	ppb
Cobalt	59-2	35.44	36.52	35.84	35.93	1.51	ppb
Copper	63-2	144.60	143.91	144.46	144.33	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				84		%
Iron	56-2	72659.92	71858.65	73114.25	72544.27	0.88	ppb
Iron	57-2	72072.39	72421.55	72663.76	72385.90	0.41	ppb
Iron	54-2	72529.14	73305.73	72639.83	72824.90	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-18	Instrumnet Name :	P7
Client Sample ID :	MYD4F5	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:21:21	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	172.10	171.63	172.48	172.07	0.25	ppb
Lead	207-1	166.43	166.39	167.64	166.82	0.43	ppb
Lead	208-1	167.27	165.97	168.23	167.16	0.68	ppb
Lithium	6-1				89		%
Magnesium	24-2	12395.97	12703.30	12648.65	12582.64	1.30	ppb
Manganese	55-2	1655.43	1632.80	1678.27	1655.50	1.37	ppb
Molybdenum	94-1	20.59	20.77	20.75	20.70	0.48	ppb
Molybdenum	95-1	0.95	0.96	0.94	0.95	1.14	ppb
Molybdenum	96-1	3.53	3.50	3.48	3.50	0.63	ppb
Molybdenum	97-1	0.92	0.90	1.01	0.94	6.20	ppb
Molybdenum	98-1	0.96	0.96	0.92	0.95	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.39	65.53	66.54	66.15	0.82	ppb
Phosphorus	31-2	2672.20	2734.03	2587.86	2664.70	2.75	ppb
Potassium	39-2	9378.75	9490.82	9446.87	9438.81	0.60	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	1.00	1.77	0.43	1.07	62.79	ppb
Selenium	77-2	11.74	14.99	18.49	15.08	22.42	ppb
Selenium	78-2	2.79	5.96	2.48	3.75	51.33	ppb
Silicon	28-1	7638.53	7493.89	7639.68	7590.70	1.10	ppb
Silver	107-1	0.67	0.68	0.62	0.66	5.07	ppb
Silver	109-1	0.68	0.69	0.68	0.68	1.07	ppb
Sodium	23-2	276.63	288.00	285.60	283.41	2.12	ppb
Strontium	86-1	182.33	182.03	178.54	180.96	1.16	ppb
Strontium	88-1	184.02	186.67	185.47	185.39	0.72	ppb
Sulfur	34-1	-1477.16	-1684.93	-1645.50	-1602.53		ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	0.29	0.29	0.33	0.30	7.59	ppb
Thallium	205-1	0.30	0.29	0.29	0.29	0.72	ppb
Tin	118-1	7.13	6.88	6.69	6.90	3.19	ppb
Titanium	47-1	1410.05	1394.93	1408.32	1404.43	0.59	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-18	Instrumnet Name :	P7
Client Sample ID :	MYD4F5	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:21:21	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.28	1.28	1.27	1.09	ppb
Vanadium	51-2	117.08	118.64	117.16	117.62	0.75	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	423.89	435.94	428.93	429.59	1.41	ppb
Zirconium	90-1	11.96	11.98	11.88	11.94	0.44	ppb
Zirconium	91-1	11.83	11.59	11.85	11.76	1.22	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-19	Instrumnet Name :	P7
Client Sample ID :	MYD4F6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:24:35	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33111.42	32764.84	33046.05	32974.10	0.56	ppb
Antimony	121-1	0.98	0.97	1.03	0.99	3.38	ppb
Arsenic	75-2	57.52	59.60	59.35	58.82	1.93	ppb
Barium	135-1	337.46	349.58	337.77	341.60	2.02	ppb
Barium	137-1	338.20	345.35	343.86	342.47	1.10	ppb
Beryllium	9-1	1.57	1.64	1.42	1.54	7.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.08	2.01	2.47	2.19	11.31	ppb
Cadmium	106-1	3.65	2.53	0.49	2.22	71.85	ppb
Cadmium	111-1	1.82	1.96	1.54	1.77	11.95	ppb
Calcium	43-1	13012.86	12962.66	13102.60	13026.04	0.54	ppb
Calcium	44-1	12662.00	12520.35	12788.10	12656.82	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.55	56.28	55.92	56.25	0.57	ppb
Cobalt	59-2	36.34	35.20	35.52	35.69	1.65	ppb
Copper	63-2	150.10	147.95	147.78	148.61	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				84		%
Iron	56-2	72642.93	71642.21	72040.92	72108.69	0.70	ppb
Iron	57-2	71444.29	70695.77	71812.75	71317.60	0.80	ppb
Iron	54-2	73290.91	72779.12	71353.64	72474.55	1.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-19	Instrumnet Name :	P7
Client Sample ID :	MYD4F6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:24:35	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	84.21	85.41	84.29	84.64	0.79	ppb
Lead	207-1	86.57	86.14	87.04	86.58	0.52	ppb
Lead	208-1	85.35	84.59	85.41	85.12	0.54	ppb
Lithium	6-1				90		%
Magnesium	24-2	12006.53	11931.32	11967.66	11968.50	0.31	ppb
Manganese	55-2	1525.61	1515.50	1546.74	1529.28	1.04	ppb
Molybdenum	94-1	16.52	16.25	16.81	16.53	1.67	ppb
Molybdenum	95-1	0.88	0.79	0.91	0.86	7.30	ppb
Molybdenum	96-1	3.00	2.76	2.96	2.91	4.35	ppb
Molybdenum	97-1	0.83	0.91	0.82	0.85	6.23	ppb
Molybdenum	98-1	0.73	0.79	0.85	0.79	7.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.36	58.25	58.64	58.42	0.35	ppb
Phosphorus	31-2	2391.02	2438.72	2502.14	2443.96	2.28	ppb
Potassium	39-2	9481.95	9315.01	9379.04	9392.00	0.90	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	0.34	0.81	0.47	0.54	44.13	ppb
Selenium	77-2	14.74	12.82	13.09	13.55	7.66	ppb
Selenium	78-2	0.96	4.02	0.89	1.95	91.44	ppb
Silicon	28-1	7689.03	7532.47	7665.08	7628.86	1.11	ppb
Silver	107-1	0.64	0.64	0.62	0.63	2.14	ppb
Silver	109-1	0.64	0.71	0.67	0.67	5.68	ppb
Sodium	23-2	219.62	219.08	223.83	220.84	1.18	ppb
Strontium	86-1	115.63	113.58	116.17	115.13	1.19	ppb
Strontium	88-1	115.89	113.75	116.02	115.22	1.11	ppb
Sulfur	34-1	-1786.23	-1870.17	-1937.67	-1864.69		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.31	0.28	0.30	0.30	4.65	ppb
Thallium	205-1	0.28	0.29	0.28	0.28	1.64	ppb
Tin	118-1	3.47	3.61	3.56	3.55	2.02	ppb
Titanium	47-1	1231.25	1221.82	1232.56	1228.54	0.48	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-19	Instrumnet Name :	P7
Client Sample ID :	MYD4F6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:24:35	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.11	1.05	1.13	1.09	3.61	ppb
Vanadium	51-2	121.29	117.81	118.73	119.28	1.51	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	416.81	407.28	405.90	410.00	1.45	ppb
Zirconium	90-1	9.21	9.28	9.31	9.27	0.55	ppb
Zirconium	91-1	9.31	9.01	9.48	9.27	2.60	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:27:52	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23587.14	22871.13	22787.48	23081.92	1.90	ppb
Antimony	121-1	0.58	0.59	0.61	0.59	3.07	ppb
Arsenic	75-2	89.31	88.62	89.57	89.16	0.55	ppb
Barium	135-1	337.71	339.64	338.54	338.63	0.29	ppb
Barium	137-1	337.41	339.66	337.69	338.25	0.36	ppb
Beryllium	9-1	0.66	0.65	0.72	0.68	6.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.70	1.50	1.65	1.62	6.60	ppb
Cadmium	106-1	0.13	-1.25	-0.89	-0.67		ppb
Cadmium	111-1	0.66	0.52	0.62	0.60	12.02	ppb
Calcium	43-1	4230.96	4256.38	4121.97	4203.10	1.70	ppb
Calcium	44-1	4354.24	4356.54	4230.82	4313.86	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.25	61.17	59.91	60.78	1.24	ppb
Cobalt	59-2	44.06	44.07	43.35	43.83	0.94	ppb
Copper	63-2	158.42	157.60	157.60	157.87	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	56-2	97731.20	95844.88	95399.81	96325.29	1.28	ppb
Iron	57-2	97579.07	96335.83	95245.60	96386.83	1.21	ppb
Iron	54-2	97771.12	97093.02	96687.59	97183.91	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:27:52	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.40	42.58	42.89	42.62	0.58	ppb
Lead	207-1	43.02	43.66	42.88	43.19	0.97	ppb
Lead	208-1	42.46	42.65	42.70	42.60	0.30	ppb
Lithium	6-1				88		%
Magnesium	24-2	11160.94	10919.07	10871.28	10983.76	1.41	ppb
Manganese	55-2	6986.39	6935.88	6846.40	6922.89	1.02	ppb
Molybdenum	94-1	9.67	9.95	9.79	9.80	1.44	ppb
Molybdenum	95-1	1.00	1.00	1.03	1.01	1.54	ppb
Molybdenum	96-1	2.58	2.58	2.58	2.58	0.08	ppb
Molybdenum	97-1	0.90	0.95	0.97	0.94	4.25	ppb
Molybdenum	98-1	0.89	0.87	0.96	0.91	4.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.24	51.30	50.74	51.09	0.61	ppb
Phosphorus	31-2	785.77	753.14	798.34	779.08	2.99	ppb
Potassium	39-2	3756.47	3715.23	3734.80	3735.50	0.55	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	0.01	-0.13	0.20	0.03	668.12	ppb
Selenium	77-2	7.55	7.49	7.52	7.52	0.41	ppb
Selenium	78-2	0.28	1.44	1.87	1.20	68.63	ppb
Silicon	28-1	3874.68	3952.87	3834.85	3887.47	1.54	ppb
Silver	107-1	0.23	0.21	0.21	0.22	3.84	ppb
Silver	109-1	0.22	0.22	0.24	0.23	5.08	ppb
Sodium	23-2	87.97	89.48	88.29	88.58	0.90	ppb
Strontium	86-1	43.73	43.77	43.14	43.55	0.80	ppb
Strontium	88-1	44.01	44.02	43.17	43.73	1.11	ppb
Sulfur	34-1	-2341.07	-2361.99	-2382.10	-2361.72		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.17	0.18	0.18	0.18	3.48	ppb
Thallium	205-1	0.18	0.17	0.18	0.18	4.50	ppb
Tin	118-1	1.19	1.21	1.16	1.19	2.14	ppb
Titanium	47-1	478.47	479.79	464.61	474.29	1.77	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:27:52	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.63	0.61	0.63	3.09	ppb
Vanadium	51-2	137.46	137.38	137.22	137.35	0.09	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%
Zinc	66-2	174.64	174.67	172.33	173.88	0.77	ppb
Zirconium	90-1	5.43	5.28	5.36	5.36	1.40	ppb
Zirconium	91-1	5.34	5.22	5.24	5.27	1.25	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06DLX5	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 17:31:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8353.31	8198.32	8331.08	8294.24	1.01	ppb
Antimony	121-1	0.35	0.35	0.40	0.37	8.28	ppb
Arsenic	75-2	34.79	35.57	35.01	35.13	1.14	ppb
Barium	135-1	249.92	256.57	283.86	263.45	6.83	ppb
Barium	137-1	252.91	256.80	284.00	264.57	6.40	ppb
Beryllium	9-1	0.31	0.22	0.29	0.27	16.50	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.40	0.56	0.41	0.46	19.67	ppb
Cadmium	106-1	-0.58	-2.16	-1.12	-1.29		ppb
Cadmium	111-1	0.30	0.19	0.40	0.30	34.98	ppb
Calcium	43-1	1230.65	1238.11	1323.55	1264.10	4.08	ppb
Calcium	44-1	1203.75	1248.21	1345.56	1265.84	5.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.77	21.50	22.32	21.86	1.93	ppb
Cobalt	59-2	18.70	18.36	18.75	18.60	1.13	ppb
Copper	63-2	61.66	60.39	61.24	61.09	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	45215.01	44319.72	45401.35	44978.70	1.29	ppb
Iron	57-2	46470.89	45656.43	46856.32	46327.88	1.32	ppb
Iron	54-2	45410.42	44595.57	45462.05	45156.01	1.08	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06DLX5	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 17:31:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.27	26.45	28.83	27.18	5.24	ppb
Lead	207-1	27.07	27.06	29.08	27.74	4.20	ppb
Lead	208-1	26.49	26.61	29.02	27.37	5.20	ppb
Lithium	6-1				84		%
Magnesium	24-2	4706.49	4656.55	4748.52	4703.85	0.98	ppb
Manganese	55-2	4104.91	4035.49	4169.16	4103.19	1.63	ppb
Molybdenum	94-1	3.95	3.97	4.35	4.09	5.47	ppb
Molybdenum	95-1	0.42	0.47	0.51	0.46	9.18	ppb
Molybdenum	96-1	1.18	1.09	1.18	1.15	4.48	ppb
Molybdenum	97-1	0.36	0.38	0.47	0.40	14.20	ppb
Molybdenum	98-1	0.40	0.39	0.40	0.40	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.41	19.82	19.52	19.58	1.08	ppb
Phosphorus	31-2	450.56	438.16	456.46	448.40	2.08	ppb
Potassium	39-2	2418.17	2378.24	2413.45	2403.28	0.91	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				82		%
Scandium	45-2				83		%
Selenium	82-1	0.36	-0.43	-0.14	-0.07		ppb
Selenium	77-2	3.64	0.94	4.31	2.96	60.32	ppb
Selenium	78-2	1.60	-2.13	1.40	0.29	725.55	ppb
Silicon	28-1	1497.87	1536.52	1658.58	1564.32	5.36	ppb
Silver	107-1	0.09	0.11	0.11	0.10	11.03	ppb
Silver	109-1	0.11	0.09	0.10	0.10	8.61	ppb
Sodium	23-2	48.94	46.19	47.59	47.57	2.89	ppb
Strontium	86-1	22.27	21.65	24.29	22.73	6.08	ppb
Strontium	88-1	22.14	21.90	23.97	22.67	5.00	ppb
Sulfur	34-1	-2183.41	-1933.74	-1356.72	-1824.62		ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	0.07	0.08	0.07	0.07	9.36	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	1.50	ppb
Tin	118-1	0.52	0.47	0.53	0.51	7.18	ppb
Titanium	47-1	150.20	154.16	169.49	157.95	6.45	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06DLX5	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 17:31:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.21	0.23	0.22	4.72	ppb
Vanadium	51-2	56.07	55.63	56.15	55.95	0.49	ppb
Yttrium	89-1				86		%
Yttrium	89-2				87		%
Zinc	66-2	104.36	103.65	105.07	104.36	0.68	ppb
Zirconium	90-1	2.09	2.08	2.26	2.14	4.79	ppb
Zirconium	91-1	2.06	2.32	2.44	2.27	8.47	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:34:31	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22069.34	22211.41	21319.46	21866.74	2.19	ppb
Antimony	121-1	0.59	0.60	0.55	0.58	4.63	ppb
Arsenic	75-2	65.70	63.82	65.19	64.91	1.50	ppb
Barium	135-1	403.66	402.70	402.66	403.01	0.14	ppb
Barium	137-1	399.51	404.39	400.18	401.36	0.66	ppb
Beryllium	9-1	0.68	0.74	0.80	0.74	8.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.86	0.86	1.26	0.99	23.46	ppb
Cadmium	106-1	0.25	-0.36	0.52	0.14	328.98	ppb
Cadmium	111-1	0.53	0.51	0.46	0.50	6.91	ppb
Calcium	43-1	3527.26	3484.75	3471.16	3494.39	0.84	ppb
Calcium	44-1	3527.03	3598.80	3548.98	3558.27	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.25	58.27	57.40	58.31	1.59	ppb
Cobalt	59-2	44.33	43.51	42.43	43.43	2.19	ppb
Copper	63-2	108.43	107.17	105.20	106.93	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				83		%
Iron	56-2	96332.87	97154.93	93933.89	95807.23	1.75	ppb
Iron	57-2	96127.23	95542.29	92936.31	94868.61	1.79	ppb
Iron	54-2	97622.87	95583.08	94728.63	95978.19	1.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:34:31	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.29	43.69	44.02	43.67	0.83	ppb
Lead	207-1	44.46	44.61	45.86	44.98	1.71	ppb
Lead	208-1	43.64	43.79	44.58	44.00	1.14	ppb
Lithium	6-1				87		%
Magnesium	24-2	12298.87	12176.70	12001.15	12158.91	1.23	ppb
Manganese	55-2	7795.02	7889.65	7740.71	7808.46	0.97	ppb
Molybdenum	94-1	9.53	10.17	9.78	9.83	3.28	ppb
Molybdenum	95-1	1.04	1.01	1.02	1.02	1.85	ppb
Molybdenum	96-1	2.41	2.59	2.56	2.52	3.92	ppb
Molybdenum	97-1	0.92	1.11	0.93	0.99	10.41	ppb
Molybdenum	98-1	0.91	0.92	0.88	0.90	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.71	50.06	47.93	49.57	2.94	ppb
Phosphorus	31-2	992.84	956.38	948.80	966.00	2.44	ppb
Potassium	39-2	5937.02	5910.43	5767.72	5871.72	1.55	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	82-1	-0.65	-0.40	-0.25	-0.43		ppb
Selenium	77-2	11.69	5.02	5.00	7.24	53.28	ppb
Selenium	78-2	1.60	1.03	2.65	1.76	46.73	ppb
Silicon	28-1	3816.52	3909.83	3826.09	3850.81	1.33	ppb
Silver	107-1	0.13	0.13	0.11	0.12	9.00	ppb
Silver	109-1	0.12	0.12	0.11	0.12	6.19	ppb
Sodium	23-2	96.13	96.75	93.72	95.53	1.68	ppb
Strontium	86-1	48.51	49.82	49.66	49.33	1.44	ppb
Strontium	88-1	48.99	49.72	49.26	49.33	0.75	ppb
Sulfur	34-1	-1915.22	-1808.36	-1767.90	-1830.49		ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	0.18	0.18	0.20	0.19	4.72	ppb
Thallium	205-1	0.17	0.19	0.20	0.19	8.20	ppb
Tin	118-1	1.14	1.19	1.14	1.16	2.54	ppb
Titanium	47-1	472.13	477.98	472.02	474.04	0.72	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:34:31	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.57	0.56	0.56	0.56	1.14	ppb
Vanadium	51-2	136.94	136.22	132.14	135.10	1.92	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%
Zinc	66-2	221.56	215.89	214.61	217.35	1.70	ppb
Zirconium	90-1	5.20	5.27	5.26	5.25	0.67	ppb
Zirconium	91-1	5.30	5.46	5.35	5.37	1.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:58:24	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48137.36	48600.05	47497.06	48078.16	1.15	ppb
Antimony	121-1	502.02	514.86	502.60	506.49	1.43	ppb
Arsenic	75-2	496.56	505.57	497.50	499.88	0.99	ppb
Barium	135-1	2537.73	2598.38	2576.14	2570.75	1.19	ppb
Barium	137-1	2579.00	2607.23	2541.42	2575.88	1.28	ppb
Beryllium	9-1	522.68	528.55	521.43	524.22	0.73	ppb
Bismuth	209-1				86		%
Bismuth	209-2				75		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	485.93	494.16	483.98	488.02	1.11	ppb
Cadmium	106-1	490.79	493.99	472.50	485.76	2.39	ppb
Cadmium	111-1	483.89	492.70	481.99	486.19	1.18	ppb
Calcium	43-1	245146.92	247279.47	246120.13	246182.17	0.43	ppb
Calcium	44-1	246497.44	250205.23	246956.38	247886.35	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.66	512.96	508.22	509.28	0.64	ppb
Cobalt	59-2	533.67	539.35	532.92	535.31	0.66	ppb
Copper	63-2	5303.04	5332.04	5358.98	5331.35	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				90		%
Holmium	165-2				89		%
Indium	115-1				82		%
Indium	115-2				78		%
Iron	56-2	126735.73	128385.02	127795.12	127638.62	0.65	ppb
Iron	57-2	126541.81	129951.81	127633.35	128042.33	1.36	ppb
Iron	54-2	127115.80	128217.48	126875.72	127403.00	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:58:24	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2592.25	2690.69	2661.50	2648.14	1.91	ppb
Lead	207-1	2612.73	2685.98	2640.86	2646.52	1.40	ppb
Lead	208-1	2598.10	2669.58	2611.37	2626.35	1.45	ppb
Lithium	6-1				81		%
Magnesium	24-2	225054.43	228642.26	226009.78	226568.82	0.82	ppb
Manganese	55-2	5205.88	5218.95	5145.21	5190.01	0.76	ppb
Molybdenum	94-1	5133.76	5196.56	5186.43	5172.25	0.65	ppb
Molybdenum	95-1	5134.56	5186.29	5166.98	5162.61	0.51	ppb
Molybdenum	96-1	5138.12	5182.14	5108.71	5142.99	0.72	ppb
Molybdenum	97-1	5188.83	5198.95	5129.73	5172.50	0.72	ppb
Molybdenum	98-1	5182.43	5283.95	5182.17	5216.18	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.29	541.19	535.50	535.99	0.93	ppb
Phosphorus	31-2	9728.07	10268.33	10138.53	10044.98	2.81	ppb
Potassium	39-2	122708.35	123737.50	121734.96	122726.94	0.82	ppb
Rhodium	103-1				76		%
Rhodium	103-2				76		%
Scandium	45-1				79		%
Scandium	45-2				80		%
Selenium	82-1	477.36	485.31	477.18	479.95	0.97	ppb
Selenium	77-2	466.37	517.94	481.33	488.55	5.43	ppb
Selenium	78-2	494.72	482.73	497.24	491.56	1.58	ppb
Silicon	28-1	868.58	867.67	876.69	870.98	0.57	ppb
Silver	107-1	486.84	498.22	484.47	489.85	1.50	ppb
Silver	109-1	497.47	505.02	491.97	498.15	1.32	ppb
Sodium	23-2	240199.33	247943.35	241571.68	243238.12	1.70	ppb
Strontium	86-1	12851.55	12875.96	12884.61	12870.70	0.13	ppb
Strontium	88-1	12714.67	12819.80	12759.97	12764.82	0.41	ppb
Sulfur	34-1	10212.91	10264.77	10167.45	10215.05	0.48	ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	526.02	538.64	535.96	533.54	1.25	ppb
Thallium	205-1	529.95	541.98	530.08	534.00	1.29	ppb
Tin	118-1	486.12	533.46	486.04	501.87	5.45	ppb
Titanium	47-1	5105.59	5221.43	5155.60	5160.87	1.13	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:58:24	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	533.11	553.06	533.23	539.80	2.13	ppb
Vanadium	51-2	510.84	521.12	510.91	514.29	1.15	ppb
Yttrium	89-1				83		%
Yttrium	89-2				81		%
Zinc	66-2	5111.12	5180.93	5138.13	5143.39	0.68	ppb
Zirconium	90-1	518.21	527.74	518.89	521.62	1.02	ppb
Zirconium	91-1	506.26	512.36	507.62	508.75	0.63	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 18:01:17	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.51	2.45	3.28	2.75	16.79	ppb
Antimony	121-1	0.35	0.34	0.40	0.36	8.25	ppb
Arsenic	75-2	0.01	0.05	0.09	0.05	73.29	ppb
Barium	135-1	0.11	0.07	0.09	0.09	22.10	ppb
Barium	137-1	0.13	0.10	0.09	0.11	19.28	ppb
Beryllium	9-1	0.28	0.27	0.10	0.22	45.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.09	0.05	0.05	0.00	1911.39	ppb
Cadmium	106-1	-0.12	-1.79	-1.20	-1.04		ppb
Cadmium	111-1	0.04	-0.08	-0.05	-0.03		ppb
Calcium	43-1	5.83	6.68	5.98	6.16	7.37	ppb
Calcium	44-1	2.70	0.68	1.24	1.54	67.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.02	0.02	77.62	ppb
Cobalt	59-2	0.04	0.02	0.02	0.03	47.77	ppb
Copper	63-2	0.08	0.25	0.23	0.19	48.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	9.03	9.44	10.44	9.64	7.48	ppb
Iron	57-2	10.91	1.44	11.71	8.02	71.26	ppb
Iron	54-2	8.23	7.09	8.89	8.07	11.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 18:01:17	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.10	0.11	0.13	32.48	ppb
Lead	207-1	0.12	0.06	0.07	0.09	36.34	ppb
Lead	208-1	0.13	0.08	0.08	0.10	25.42	ppb
Lithium	6-1				93		%
Magnesium	24-2	9.26	9.93	13.63	10.94	21.51	ppb
Manganese	55-2	0.33	0.37	0.39	0.37	8.00	ppb
Molybdenum	94-1	0.50	0.46	0.51	0.49	5.25	ppb
Molybdenum	95-1	0.31	0.32	0.40	0.34	14.29	ppb
Molybdenum	96-1	0.37	0.32	0.38	0.36	8.03	ppb
Molybdenum	97-1	0.44	0.40	0.37	0.40	8.76	ppb
Molybdenum	98-1	0.43	0.35	0.33	0.37	14.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	-0.01	0.02	114.61	ppb
Phosphorus	31-2	-11.31	-13.21	-23.09	-15.87		ppb
Potassium	39-2	8.90	-0.24	-1.49	2.39	237.31	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				86		%
Selenium	82-1	-0.60	-0.77	-0.82	-0.73		ppb
Selenium	77-2	-0.39	-0.39	-0.39	-0.39		ppb
Selenium	78-2	0.74	0.90	-0.57	0.36	223.57	ppb
Silicon	28-1	-6.75	-6.85	-4.60	-6.07		ppb
Silver	107-1	0.09	0.05	0.04	0.06	42.84	ppb
Silver	109-1	0.06	0.05	0.04	0.05	18.65	ppb
Sodium	23-2	30.58	29.57	29.53	29.89	1.98	ppb
Strontium	86-1	0.59	0.41	0.42	0.48	21.42	ppb
Strontium	88-1	0.59	0.47	0.44	0.50	15.90	ppb
Sulfur	34-1	-294.89	-309.34	-244.51	-282.91		ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.09	0.08	0.07	0.08	13.36	ppb
Thallium	205-1	0.10	0.09	0.07	0.09	17.74	ppb
Tin	118-1	0.08	0.13	0.11	0.11	23.38	ppb
Titanium	47-1	0.42	0.21	0.29	0.31	34.95	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 18:01:17	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	8.97	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	60.72	ppb
Yttrium	89-1				91		%
Yttrium	89-2				87		%
Zinc	66-2	0.60	0.52	0.41	0.51	19.21	ppb
Zirconium	90-1	0.11	0.10	0.09	0.10	8.34	ppb
Zirconium	91-1	0.13	0.10	0.14	0.12	17.33	ppb

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:46:13	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	107	100	111	12.49	cps
Antimony	121-1	3	13	17	11	62.48	cps
Arsenic	75-2	0	3	0	1	173.21	cps
Barium	135-1	27	17	40	28	42.13	cps
Barium	137-1	33	57	43	44	26.35	cps
Beryllium	9-1	50	17	40	36	48.10	cps
Bismuth	209-1	2384120	2406920	2171836	2320959	5.59	cps
Bismuth	209-2	1965873	1896367	1866633	1909624	2.67	cps
Bromine	81-1	7909	7886	7802	7866	0.71	cps
Bromine	81-2	20	47	37	34	39.11	cps
Cadmium	108-1	10	7	3	7	50.03	cps
Cadmium	106-1	1453	1523	1290	1422	8.42	cps
Cadmium	111-1	1010	1062	904	992	8.11	cps
Calcium	43-1	187	193	193	191	2.01	cps
Calcium	44-1	4397	4341	4124	4287	3.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	330	210	300	280	22.31	cps
Cobalt	59-2	17	37	27	27	37.50	cps
Copper	63-2	850	710	753	771	9.30	cps
Dysprosium	156-1	3	3	17	8	99.04	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	20	13	17	20.01	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	13	10	10	11	17.30	cps
Gadolinium	160-2	107	83	127	106	20.55	cps
Holmium	165-1	3995967	3976160	3576123	3849417	6.15	cps
Holmium	165-2	2791643	2689999	2616645	2699429	3.26	cps
Indium	115-1	3017088	2985096	2762805	2921663	4.74	cps
Indium	115-2	998374	962417	962099	974297	2.14	cps
Iron	56-2	5358	5408	5301	5355	1.00	cps
Iron	57-2	653	550	683	629	11.12	cps
Iron	54-2	823	887	920	877	5.60	cps
Krypton	83-1	57	57	77	63	18.23	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:46:13	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	330	410	447	396	15.08	cps
Lead	207-1	360	350	360	357	1.62	cps
Lead	208-1	1623	1720	1697	1680	3.00	cps
Lithium	6-1	707392	707247	654240	689626	4.44	cps
Magnesium	24-2	1380	1507	1490	1459	4.72	cps
Manganese	55-2	93	110	73	92	19.91	cps
Molybdenum	94-1	83	93	83	87	6.66	cps
Molybdenum	95-1	50	40	63	51	22.90	cps
Molybdenum	96-1	53	53	47	51	7.52	cps
Molybdenum	97-1	33	33	13	27	43.31	cps
Molybdenum	98-1	60	43	60	54	17.68	cps
Neodymium	150-1	0	0	10	3	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	80	70	68	19.88	cps
Phosphorus	31-2	90	93	80	88	7.90	cps
Potassium	39-2	34335	35658	34709	34901	1.95	cps
Rhodium	103-1	2684104	2730177	2507338	2640540	4.45	cps
Rhodium	103-2	1522008	1482160	1465622	1489930	1.95	cps
Scandium	45-1	1581840	1600426	1430014	1537427	6.08	cps
Scandium	45-2	138813	135839	132772	135808	2.22	cps
Selenium	82-1	148	117	96	121	21.72	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	110	83	133	109	22.98	cps
Silicon	28-1	184384	186068	186922	185791	0.70	cps
Silver	107-1	17	27	47	30	50.91	cps
Silver	109-1	20	7	10	12	56.76	cps
Sodium	23-2	7308	7469	7389	7388	1.08	cps
Strontium	86-1	133	130	147	137	6.45	cps
Strontium	88-1	167	190	147	168	12.93	cps
Sulfur	34-1	117581	117749	116537	117289	0.56	cps
Terbium	159-1	4103882	4086232	3721076	3970397	5.44	cps
Terbium	159-2	2723491	2623936	2579603	2642343	2.79	cps
Thallium	203-1	37	30	30	32	11.95	cps
Thallium	205-1	60	40	97	66	43.84	cps
Tin	118-1	740	717	783	747	4.53	cps
Titanium	47-1	33	47	20	33	40.01	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:46:13	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	13	7	10	33.30	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	4904375	4916846	4534450	4785224	4.54	cps
Yttrium	89-2	1279141	1237908	1238583	1251877	1.89	cps
Zinc	66-2	83	73	100	86	15.75	cps
Zirconium	90-1	220	170	140	177	22.88	cps
Zirconium	91-1	37	30	27	31	16.37	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:49:35	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1840	2003	1677	1840	8.88	cps
Antimony	121-1	8206	8372	8439	8339	1.44	cps
Arsenic	75-2	177	257	203	212	19.19	cps
Barium	135-1	11061	11591	11014	11222	2.86	cps
Barium	137-1	18662	19090	18989	18914	1.18	cps
Beryllium	9-1	830	927	803	853	7.60	cps
Bismuth	209-1	2376081	2383868	2375219	2378389	0.20	cps
Bismuth	209-2	1921286	1868179	1912971	1900812	1.50	cps
Bromine	81-1	7986	7652	7809	7815	2.14	cps
Bromine	81-2	37	47	47	43	13.32	cps
Cadmium	108-1	77	80	87	81	6.28	cps
Cadmium	106-1	1767	1467	1583	1606	9.42	cps
Cadmium	111-1	2256	2187	2071	2172	4.31	cps
Calcium	43-1	5868	5754	5938	5853	1.58	cps
Calcium	44-1	97608	97977	97464	97683	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3027	3220	3367	3205	5.32	cps
Cobalt	59-2	2520	2400	2430	2450	2.55	cps
Copper	63-2	4237	3867	3887	3997	5.21	cps
Dysprosium	156-1	10	20	7	12	56.76	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	17	7	13	12	41.65	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	43	10	7	20	101.36	cps
Gadolinium	160-2	93	150	87	110	31.64	cps
Holmium	165-1	3940208	3974578	3927111	3947299	0.62	cps
Holmium	165-2	2685233	2666208	2710701	2687381	0.83	cps
Indium	115-1	3051752	3027760	2970514	3016675	1.38	cps
Indium	115-2	970695	966308	965481	967495	0.29	cps
Iron	56-2	75521	75813	74882	75405	0.63	cps
Iron	57-2	2600	2277	2527	2468	6.87	cps
Iron	54-2	4958	4767	4867	4864	1.95	cps
Krypton	83-1	57	67	87	70	21.82	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:49:35	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3227	3230	3164	3207	1.17	cps
Lead	207-1	2847	2677	2860	2795	3.66	cps
Lead	208-1	12806	12909	12786	12834	0.52	cps
Lithium	6-1	703115	709034	716406	709519	0.94	cps
Magnesium	24-2	77004	78207	76984	77399	0.90	cps
Manganese	55-2	1277	1380	1343	1333	3.93	cps
Molybdenum	94-1	7912	8322	8372	8202	3.08	cps
Molybdenum	95-1	9940	10040	9987	9989	0.50	cps
Molybdenum	96-1	11038	11458	11078	11191	2.07	cps
Molybdenum	97-1	6198	6401	6471	6357	2.23	cps
Molybdenum	98-1	16413	16022	16386	16274	1.34	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	810	717	630	719	12.52	cps
Phosphorus	31-2	233	217	243	231	5.83	cps
Potassium	39-2	129139	129529	128870	129179	0.26	cps
Rhodium	103-1	2693965	2696631	2763338	2717978	1.45	cps
Rhodium	103-2	1488420	1497003	1490038	1491820	0.31	cps
Scandium	45-1	1560838	1585375	1572889	1573034	0.78	cps
Scandium	45-2	136363	135529	135324	135739	0.41	cps
Selenium	82-1	438	420	358	405	10.41	cps
Selenium	77-2	47	20	40	36	39.03	cps
Selenium	78-2	197	193	180	190	4.64	cps
Silicon	28-1	196129	199071	197838	197679	0.75	cps
Silver	107-1	5031	4978	4831	4946	2.09	cps
Silver	109-1	4554	4434	4524	4504	1.39	cps
Sodium	23-2	129764	129835	129784	129794	0.03	cps
Strontium	86-1	1563	1367	1530	1487	7.08	cps
Strontium	88-1	11745	11541	11925	11737	1.64	cps
Sulfur	34-1	116785	117238	117218	117081	0.22	cps
Terbium	159-1	4058085	4041130	4059963	4053059	0.26	cps
Terbium	159-2	2662128	2645379	2633887	2647131	0.54	cps
Thallium	203-1	3490	3804	3687	3661	4.33	cps
Thallium	205-1	9217	8793	8783	8931	2.77	cps
Tin	118-1	17681	17871	17614	17722	0.75	cps
Titanium	47-1	2650	2480	2550	2560	3.34	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:49:35	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11498	11228	11342	11356	1.19	cps
Vanadium	51-2	6765	6815	6805	6795	0.39	cps
Yttrium	89-1	4934045	4931371	4916781	4927399	0.19	cps
Yttrium	89-2	1237724	1235449	1234586	1235920	0.13	cps
Zinc	66-2	1313	1460	1437	1403	5.62	cps
Zirconium	90-1	6782	6825	7102	6903	2.52	cps
Zirconium	91-1	1507	1573	1663	1581	4.97	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:53:00	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92896	93435	92205	92845	0.66	cps
Antimony	121-1	209493	213159	212601	211751	0.93	cps
Arsenic	75-2	9673	9693	9353	9573	1.99	cps
Barium	135-1	289836	289776	292806	290806	0.60	cps
Barium	137-1	498434	499996	505249	501226	0.71	cps
Beryllium	9-1	40543	40944	40716	40734	0.49	cps
Bismuth	209-1	2402932	2424969	2370591	2399497	1.14	cps
Bismuth	209-2	1846920	1914176	1893310	1884802	1.83	cps
Bromine	81-1	7235	7412	7259	7302	1.31	cps
Bromine	81-2	10	17	10	12	31.50	cps
Cadmium	108-1	4151	4171	3981	4101	2.55	cps
Cadmium	106-1	6795	7112	6852	6919	2.44	cps
Cadmium	111-1	54155	54641	54414	54403	0.45	cps
Calcium	43-1	64021	64925	65671	64872	1.27	cps
Calcium	44-1	999961	1008043	999054	1002352	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76181	77062	77307	76850	0.77	cps
Cobalt	59-2	115160	114029	114331	114507	0.51	cps
Copper	63-2	815796	816470	807119	813128	0.64	cps
Dysprosium	156-1	30	17	10	19	53.91	cps
Dysprosium	156-2	20	13	23	19	26.96	cps
Erbium	164-1	17	20	17	18	10.81	cps
Erbium	164-2	10	17	3	10	66.70	cps
Gadolinium	160-1	10	10	13	11	17.30	cps
Gadolinium	160-2	93	100	123	106	14.93	cps
Holmium	165-1	3983881	4017603	4015068	4005517	0.47	cps
Holmium	165-2	2677780	2682888	2636966	2665878	0.94	cps
Indium	115-1	2977817	3039306	2974125	2997083	1.22	cps
Indium	115-2	964507	965784	956326	962205	0.53	cps
Iron	56-2	3438879	3453569	3410880	3434443	0.63	cps
Iron	57-2	89974	89309	89846	89710	0.39	cps
Iron	54-2	196784	197042	197690	197172	0.24	cps
Krypton	83-1	57	90	57	68	28.39	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:53:00	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	785983	798329	795745	793352	0.82	cps
Lead	207-1	677927	690169	691280	686458	1.08	cps
Lead	208-1	3318678	3347735	3379281	3348564	0.91	cps
Lithium	6-1	715609	717741	717734	717028	0.17	cps
Magnesium	24-2	743607	741526	734622	739919	0.64	cps
Manganese	55-2	601416	601303	598606	600442	0.26	cps
Molybdenum	94-1	779977	777986	778655	778872	0.13	cps
Molybdenum	95-1	1127934	1134922	1136041	1132966	0.39	cps
Molybdenum	96-1	1236328	1248954	1243289	1242857	0.51	cps
Molybdenum	97-1	713166	720132	717601	716966	0.49	cps
Molybdenum	98-1	1871880	1846053	1837157	1851697	0.97	cps
Neodymium	150-1	13	27	33	24	41.66	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	28791	28981	29132	28968	0.59	cps
Phosphorus	31-2	4541	4684	4704	4643	1.92	cps
Potassium	39-2	522351	525884	526261	524832	0.41	cps
Rhodium	103-1	2712334	2685806	2676104	2691415	0.70	cps
Rhodium	103-2	1479019	1482874	1454776	1472223	1.03	cps
Scandium	45-1	1564232	1557957	1552549	1558246	0.38	cps
Scandium	45-2	135345	136569	133999	135304	0.95	cps
Selenium	82-1	3202	3068	3162	3144	2.18	cps
Selenium	77-2	360	300	247	302	18.76	cps
Selenium	78-2	1133	1037	1143	1105	5.33	cps
Silicon	28-1	292256	294851	293210	293439	0.45	cps
Silver	107-1	261933	262809	262703	262481	0.18	cps
Silver	109-1	246957	250688	250054	249233	0.80	cps
Sodium	23-2	1196067	1195372	1206881	1199440	0.54	cps
Strontium	86-1	1713175	1701247	1709054	1707826	0.35	cps
Strontium	88-1	14890027	14906131	14783237	14859798	0.45	cps
Sulfur	34-1	132172	131527	131049	131583	0.43	cps
Terbium	159-1	4110924	4055588	4065690	4077400	0.72	cps
Terbium	159-2	2631972	2658767	2641304	2644014	0.51	cps
Thallium	203-1	193798	197436	195309	195514	0.93	cps
Thallium	205-1	459150	461890	461593	460878	0.33	cps
Tin	118-1	180495	185762	182318	182858	1.46	cps
Titanium	47-1	277761	281565	278383	279237	0.73	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:53:00	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	601086	609479	603644	604736	0.71	cps
Vanadium	51-2	68699	67902	69399	68666	1.09	cps
Yttrium	89-1	4975566	4981467	4900935	4952656	0.91	cps
Yttrium	89-2	1239142	1246217	1226554	1237304	0.80	cps
Zinc	66-2	134041	134476	133440	133986	0.39	cps
Zirconium	90-1	348179	351953	352278	350803	0.65	cps
Zirconium	91-1	78146	78622	77795	78188	0.53	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:56:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222062	225532	222925	223506	0.81	cps
Antimony	121-1	521217	524159	522316	522564	0.28	cps
Arsenic	75-2	23312	22761	23015	23029	1.20	cps
Barium	135-1	710311	713748	716870	713643	0.46	cps
Barium	137-1	1236359	1235368	1239082	1236937	0.16	cps
Beryllium	9-1	97865	98788	98751	98468	0.53	cps
Bismuth	209-1	2371507	2399479	2351384	2374123	1.02	cps
Bismuth	209-2	1869362	1853227	1877060	1866550	0.65	cps
Bromine	81-1	6845	6685	6815	6782	1.25	cps
Bromine	81-2	23	20	23	22	8.65	cps
Cadmium	108-1	9857	9800	9507	9721	1.93	cps
Cadmium	106-1	14834	15248	15271	15118	1.63	cps
Cadmium	111-1	132456	131144	132553	132051	0.60	cps
Calcium	43-1	156446	156625	154530	155867	0.75	cps
Calcium	44-1	2264967	2261145	2226267	2250793	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	184005	183853	183236	183698	0.22	cps
Cobalt	59-2	280343	276365	274386	277031	1.10	cps
Copper	63-2	1971207	1980148	1964326	1971894	0.40	cps
Dysprosium	156-1	23	17	30	23	28.56	cps
Dysprosium	156-2	23	33	30	29	17.63	cps
Erbium	164-1	17	23	17	19	20.36	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	97	120	127	114	13.76	cps
Holmium	165-1	3955115	3957631	3901319	3938022	0.81	cps
Holmium	165-2	2658583	2655228	2627854	2647222	0.64	cps
Indium	115-1	2917406	2921930	2863180	2900839	1.13	cps
Indium	115-2	937630	925177	923282	928696	0.84	cps
Iron	56-2	8141909	8280989	8198584	8207161	0.85	cps
Iron	57-2	217227	215709	215772	216236	0.40	cps
Iron	54-2	476144	478264	474540	476316	0.39	cps
Krypton	83-1	60	73	103	79	28.14	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:56:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2160252	2166882	2194175	2173770	0.83	cps
Lead	207-1	1919124	1961407	1913620	1931384	1.35	cps
Lead	208-1	8678236	8848847	8756558	8761214	0.97	cps
Lithium	6-1	700939	703643	695339	699973	0.61	cps
Magnesium	24-2	1737769	1748284	1745095	1743716	0.31	cps
Manganese	55-2	1401672	1409452	1408392	1406505	0.30	cps
Molybdenum	94-1	1910730	1892420	1920377	1907842	0.74	cps
Molybdenum	95-1	2777974	2783628	2770779	2777460	0.23	cps
Molybdenum	96-1	3090494	3057063	3048119	3065225	0.73	cps
Molybdenum	97-1	1750926	1752511	1750388	1751275	0.06	cps
Molybdenum	98-1	4570476	4544510	4497904	4537630	0.81	cps
Neodymium	150-1	70	53	40	54	27.61	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	68660	69323	69942	69308	0.93	cps
Phosphorus	31-2	10961	10934	11104	11000	0.83	cps
Potassium	39-2	1221055	1221412	1221215	1221227	0.01	cps
Rhodium	103-1	2597835	2522515	2565781	2562044	1.48	cps
Rhodium	103-2	1418827	1406798	1403301	1409642	0.58	cps
Scandium	45-1	1511709	1508776	1498258	1506248	0.47	cps
Scandium	45-2	130771	129968	128159	129633	1.03	cps
Selenium	82-1	7599	7452	7420	7490	1.27	cps
Selenium	77-2	740	650	660	683	7.22	cps
Selenium	78-2	2407	2637	2257	2434	7.87	cps
Silicon	28-1	434132	437546	436404	436027	0.40	cps
Silver	107-1	638594	640673	633136	637468	0.61	cps
Silver	109-1	605144	604752	604577	604824	0.05	cps
Sodium	23-2	2964429	2940278	2911194	2938634	0.91	cps
Strontium	86-1	4190932	4207975	4108231	4169046	1.28	cps
Strontium	88-1	36449674	36341208	36124508	36305130	0.46	cps
Sulfur	34-1	148937	147443	145565	147315	1.15	cps
Terbium	159-1	4035102	3996666	3965120	3998963	0.88	cps
Terbium	159-2	2650543	2586137	2585166	2607282	1.44	cps
Thallium	203-1	484099	487338	488181	486539	0.44	cps
Thallium	205-1	1145182	1162540	1164005	1157242	0.90	cps
Tin	118-1	446578	445488	448708	446925	0.37	cps
Titanium	47-1	677339	674253	674265	675286	0.26	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:56:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1526391	1541452	1543409	1537084	0.61	cps
Vanadium	51-2	166426	166813	165551	166263	0.39	cps
Yttrium	89-1	4808373	4776894	4754201	4779822	0.57	cps
Yttrium	89-2	1205769	1187914	1189164	1194282	0.83	cps
Zinc	66-2	321839	323716	319194	321583	0.71	cps
Zirconium	90-1	860247	860971	859084	860101	0.11	cps
Zirconium	91-1	192406	192403	191938	192249	0.14	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:59:27	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	429643	430664	429331	429879	0.16	cps
Antimony	121-1	1010304	1015409	1022825	1016180	0.62	cps
Arsenic	75-2	44443	44791	43901	44378	1.01	cps
Barium	135-1	1385103	1388594	1396342	1390013	0.41	cps
Barium	137-1	2548233	2572425	2558956	2559871	0.47	cps
Beryllium	9-1	189553	191037	189195	189929	0.51	cps
Bismuth	209-1	2403465	2360520	2351390	2371792	1.17	cps
Bismuth	209-2	1827692	1667497	1822954	1772714	5.14	cps
Bromine	81-1	6298	6652	6528	6493	2.76	cps
Bromine	81-2	13	20	30	21	39.75	cps
Cadmium	108-1	19123	18759	19303	19061	1.45	cps
Cadmium	106-1	28191	28264	27733	28063	1.03	cps
Cadmium	111-1	249961	252951	253149	252020	0.71	cps
Calcium	43-1	292173	295978	294769	294307	0.66	cps
Calcium	44-1	4249522	4241607	4238189	4243106	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	352197	351742	349818	351252	0.36	cps
Cobalt	59-2	528705	524754	521695	525051	0.67	cps
Copper	63-2	3736141	3654910	3715163	3702071	1.14	cps
Dysprosium	156-1	43	50	23	39	35.69	cps
Dysprosium	156-2	63	57	67	62	8.18	cps
Erbium	164-1	27	27	33	29	13.31	cps
Erbium	164-2	3	13	27	14	81.07	cps
Gadolinium	160-1	13	27	27	22	34.66	cps
Gadolinium	160-2	127	100	137	121	15.65	cps
Holmium	165-1	3975570	3946861	3896458	3939629	1.02	cps
Holmium	165-2	2628503	2651454	2574210	2618056	1.52	cps
Indium	115-1	2862916	2738890	2781474	2794426	2.26	cps
Indium	115-2	890312	902298	891988	894866	0.73	cps
Iron	56-2	15740336	15628873	15648929	15672713	0.38	cps
Iron	57-2	416327	410960	411505	412930	0.72	cps
Iron	54-2	916571	906859	906463	909964	0.63	cps
Krypton	83-1	67	87	50	68	27.09	cps

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On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:59:27	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4293462	4323751	4375723	4330979	0.96	cps
Lead	207-1	3848108	3876819	3927694	3884207	1.04	cps
Lead	208-1	17478222	17558508	17641197	17559309	0.46	cps
Lithium	6-1	692173	682115	683207	685832	0.80	cps
Magnesium	24-2	3335180	3299941	3338017	3324379	0.64	cps
Manganese	55-2	2739274	2730452	2680059	2716595	1.18	cps
Molybdenum	94-1	3644300	3640285	3627389	3637325	0.24	cps
Molybdenum	95-1	5346402	5431302	5406930	5394878	0.81	cps
Molybdenum	96-1	5868734	5823092	5813147	5834991	0.51	cps
Molybdenum	97-1	3354859	3356845	3353218	3354974	0.05	cps
Molybdenum	98-1	8620471	8745945	8786126	8717514	0.99	cps
Neodymium	150-1	137	73	120	110	29.85	cps
Neodymium	150-2	17	37	20	24	43.83	cps
Nickel	60-2	131174	129137	128649	129653	1.03	cps
Phosphorus	31-2	20537	20287	20510	20445	0.67	cps
Potassium	39-2	2141448	2173179	2172194	2162273	0.83	cps
Rhodium	103-1	2533358	2468845	2457230	2486477	1.65	cps
Rhodium	103-2	1349831	1360812	1347460	1352701	0.53	cps
Scandium	45-1	1459940	1419432	1410436	1429936	1.84	cps
Scandium	45-2	123683	123878	125078	124213	0.61	cps
Selenium	82-1	14092	14062	14222	14125	0.60	cps
Selenium	77-2	1387	1457	1443	1429	2.60	cps
Selenium	78-2	4514	4614	4671	4600	1.73	cps
Silicon	28-1	653468	656432	657127	655676	0.30	cps
Silver	107-1	1215680	1229523	1226171	1223791	0.59	cps
Silver	109-1	1151748	1152808	1154679	1153078	0.13	cps
Sodium	23-2	5560544	5627442	5547284	5578423	0.77	cps
Strontium	86-1	7867794	7980757	7895590	7914713	0.74	cps
Strontium	88-1	69592759	69574411	70223879	69797016	0.53	cps
Sulfur	34-1	175185	175511	173378	174691	0.66	cps
Terbium	159-1	4015368	3973701	3952427	3980499	0.80	cps
Terbium	159-2	2543363	2564412	2528542	2545439	0.71	cps
Thallium	203-1	958632	966165	964339	963045	0.41	cps
Thallium	205-1	2584647	2558270	2597300	2580072	0.77	cps
Tin	118-1	856676	865640	866878	863065	0.65	cps
Titanium	47-1	1245639	1235136	1278843	1253206	1.82	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 11:59:27	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3520893	3554117	3613923	3562977	1.32	cps
Vanadium	51-2	317747	316961	317814	317508	0.15	cps
Yttrium	89-1	4674729	4528940	4599495	4601055	1.58	cps
Yttrium	89-2	1150361	1148656	1146755	1148591	0.16	cps
Zinc	66-2	617118	614879	610320	614106	0.56	cps
Zirconium	90-1	1630899	1651296	1642438	1641544	0.62	cps
Zirconium	91-1	367926	370519	369133	369193	0.35	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:02:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	839139	834426	839982	837849	0.36	cps
Antimony	121-1	2064732	2066543	2111609	2080961	1.28	cps
Arsenic	75-2	85199	85420	86527	85715	0.83	cps
Barium	135-1	2919939	2920344	2949253	2929845	0.57	cps
Barium	137-1	4923934	5098492	4982212	5001546	1.78	cps
Beryllium	9-1	362659	367343	366189	365397	0.67	cps
Bismuth	209-1	2396416	2322569	2333658	2350881	1.69	cps
Bismuth	209-2	1635188	1834242	1816299	1761910	6.25	cps
Bromine	81-1	6285	6051	6155	6164	1.90	cps
Bromine	81-2	20	7	37	21	71.19	cps
Cadmium	108-1	36747	36529	36920	36732	0.53	cps
Cadmium	106-1	52461	53475	53367	53101	1.05	cps
Cadmium	111-1	487414	492011	490641	490022	0.48	cps
Calcium	43-1	562030	563894	563809	563244	0.19	cps
Calcium	44-1	8185996	8282214	8238867	8235692	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	684133	676223	680615	680324	0.58	cps
Cobalt	59-2	1012364	1015573	1017542	1015160	0.26	cps
Copper	63-2	7204232	7120474	7163877	7162861	0.58	cps
Dysprosium	156-1	80	87	67	78	13.09	cps
Dysprosium	156-2	110	157	97	121	26.01	cps
Erbium	164-1	23	50	33	36	37.90	cps
Erbium	164-2	20	33	20	24	31.49	cps
Gadolinium	160-1	40	43	23	36	30.14	cps
Gadolinium	160-2	137	113	140	130	11.17	cps
Holmium	165-1	3936376	3901491	3893503	3910457	0.58	cps
Holmium	165-2	2548952	2631361	2635479	2605264	1.87	cps
Indium	115-1	2744874	2616314	2708128	2689772	2.46	cps
Indium	115-2	861381	870798	863644	865274	0.57	cps
Iron	56-2	30424528	30768945	30596251	30596575	0.56	cps
Iron	57-2	795037	804624	801904	800522	0.62	cps
Iron	54-2	1690400	1653158	1703631	1682396	1.56	cps
Krypton	83-1	90	90	93	91	2.11	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:02:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8704613	8816202	8849646	8790154	0.86	cps
Lead	207-1	7568126	7799015	7723794	7696978	1.53	cps
Lead	208-1	34679541	35535512	35515230	35243427	1.39	cps
Lithium	6-1	677992	665704	670485	671394	0.92	cps
Magnesium	24-2	6474410	6511744	6607416	6531190	1.05	cps
Manganese	55-2	5274654	5259177	5298659	5277497	0.38	cps
Molybdenum	94-1	6990688	7107829	7207078	7101865	1.53	cps
Molybdenum	95-1	10481389	10507350	10494894	10494544	0.12	cps
Molybdenum	96-1	11498756	11496507	11635517	11543593	0.69	cps
Molybdenum	97-1	6615168	6591436	6621815	6609473	0.24	cps
Molybdenum	98-1	17024687	16877389	17169175	17023750	0.86	cps
Neodymium	150-1	237	270	270	259	7.43	cps
Neodymium	150-2	40	27	73	47	51.50	cps
Nickel	60-2	248994	248642	249861	249166	0.25	cps
Phosphorus	31-2	39989	40373	40751	40371	0.94	cps
Potassium	39-2	4106125	4163298	4150975	4140133	0.73	cps
Rhodium	103-1	2457704	2338418	2381940	2392687	2.52	cps
Rhodium	103-2	1306460	1331744	1309149	1315784	1.06	cps
Scandium	45-1	1414573	1340535	1375913	1377007	2.69	cps
Scandium	45-2	120434	122769	121424	121542	0.96	cps
Selenium	82-1	26832	27416	26874	27041	1.20	cps
Selenium	77-2	2654	2500	2684	2612	3.76	cps
Selenium	78-2	8409	8719	9013	8714	3.46	cps
Silicon	28-1	1070965	1082085	1083248	1078766	0.63	cps
Silver	107-1	2396448	2449014	2395120	2413527	1.27	cps
Silver	109-1	2302904	2326059	2321000	2316654	0.53	cps
Sodium	23-2	11117657	11131442	11094213	11114437	0.17	cps
Strontium	86-1	15439794	15350433	15464101	15418109	0.39	cps
Strontium	88-1	136366818	136608868	136938421	136638036	0.21	cps
Sulfur	34-1	235581	234840	234654	235025	0.21	cps
Terbium	159-1	4015067	3929031	3896002	3946700	1.56	cps
Terbium	159-2	2531816	2628836	2566666	2575773	1.91	cps
Thallium	203-1	2134445	2162186	2189450	2162027	1.27	cps
Thallium	205-1	5200172	5186593	5178400	5188388	0.21	cps
Tin	118-1	1736824	1783633	1773086	1764514	1.39	cps
Titanium	47-1	2417585	2422898	2392224	2410902	0.68	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:02:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7017876	7113640	7190880	7107465	1.22	cps
Vanadium	51-2	614410	617252	622059	617907	0.63	cps
Yttrium	89-1	4614395	4408273	4534369	4519012	2.30	cps
Yttrium	89-2	1125823	1136174	1129180	1130392	0.47	cps
Zinc	66-2	1189876	1187171	1189377	1188808	0.12	cps
Zirconium	90-1	3229226	3215855	3237696	3227592	0.34	cps
Zirconium	91-1	714114	722583	727539	721412	0.94	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:05:26	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1622714	1629829	1643863	1632136	0.66	cps
Antimony	121-1	3993439	4067123	4108072	4056211	1.43	cps
Arsenic	75-2	171730	168794	168413	169646	1.07	cps
Barium	135-1	5643227	5720041	5661339	5674869	0.71	cps
Barium	137-1	9712481	9759151	9842838	9771490	0.68	cps
Beryllium	9-1	700787	716164	721311	712754	1.50	cps
Bismuth	209-1	2349820	2334606	2365844	2350090	0.66	cps
Bismuth	209-2	1632995	1812965	1821957	1755972	6.07	cps
Bromine	81-1	6411	6268	6035	6238	3.05	cps
Bromine	81-2	3	27	17	16	75.27	cps
Cadmium	108-1	69676	70841	71066	70528	1.06	cps
Cadmium	106-1	100968	103153	102807	102309	1.15	cps
Cadmium	111-1	939634	947799	951268	946233	0.63	cps
Calcium	43-1	1098050	1111098	1117233	1108794	0.88	cps
Calcium	44-1	16105589	16341681	16341762	16263010	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1347550	1340487	1348862	1345633	0.33	cps
Cobalt	59-2	1999691	1979039	1998534	1992421	0.58	cps
Copper	63-2	13770483	13843769	14022173	13878808	0.93	cps
Dysprosium	156-1	113	113	147	124	15.47	cps
Dysprosium	156-2	283	253	293	277	7.52	cps
Erbium	164-1	43	43	83	57	40.76	cps
Erbium	164-2	37	47	33	39	17.85	cps
Gadolinium	160-1	53	57	73	61	17.53	cps
Gadolinium	160-2	133	107	123	121	11.12	cps
Holmium	165-1	3919963	3939464	3930047	3929825	0.25	cps
Holmium	165-2	2662205	2623831	2645487	2643841	0.73	cps
Indium	115-1	2646468	2636718	2702803	2661996	1.34	cps
Indium	115-2	850912	851448	848731	850364	0.17	cps
Iron	56-2	60384077	59973819	60529754	60295884	0.48	cps
Iron	57-2	1518206	1498858	1528495	1515187	0.99	cps
Iron	54-2	3340805	3348275	3309527	3332869	0.62	cps
Krypton	83-1	80	57	63	67	18.03	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:05:26	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17185255	17593113	17193757	17324041	1.35	cps
Lead	207-1	15017774	15317525	15216888	15184062	1.00	cps
Lead	208-1	68841874	70131495	69607979	69527116	0.93	cps
Lithium	6-1	667122	665422	676203	669582	0.87	cps
Magnesium	24-2	13019285	12922924	13145876	13029362	0.86	cps
Manganese	55-2	10381677	10523447	10400467	10435197	0.74	cps
Molybdenum	94-1	14067386	14187009	14147243	14133879	0.43	cps
Molybdenum	95-1	20558042	20784749	20691473	20678088	0.55	cps
Molybdenum	96-1	22443623	22805425	22726451	22658500	0.84	cps
Molybdenum	97-1	12858391	13046259	13153102	13019251	1.15	cps
Molybdenum	98-1	33209697	33485868	34151806	33615790	1.44	cps
Neodymium	150-1	443	437	457	446	2.29	cps
Neodymium	150-2	43	117	100	87	44.36	cps
Nickel	60-2	481408	483989	483329	482909	0.28	cps
Phosphorus	31-2	80215	78406	79612	79411	1.16	cps
Potassium	39-2	8167493	8141863	8244845	8184734	0.66	cps
Rhodium	103-1	2345591	2332713	2332808	2337037	0.32	cps
Rhodium	103-2	1297374	1301083	1297120	1298526	0.17	cps
Scandium	45-1	1383467	1372016	1393334	1382939	0.77	cps
Scandium	45-2	121952	122759	122856	122522	0.40	cps
Selenium	82-1	52295	52457	52996	52583	0.70	cps
Selenium	77-2	5168	5108	5234	5170	1.23	cps
Selenium	78-2	16806	17207	17133	17049	1.25	cps
Silicon	28-1	1897010	1945619	1903823	1915484	1.37	cps
Silver	107-1	4597111	4755400	4682843	4678451	1.69	cps
Silver	109-1	4340915	4435052	4419529	4398499	1.15	cps
Sodium	23-2	21939354	22055021	22296609	22096994	0.82	cps
Strontium	86-1	30190136	30365096	31063640	30539624	1.51	cps
Strontium	88-1	268413209	268600809	269784756	268932925	0.28	cps
Sulfur	34-1	372823	376310	376904	375346	0.59	cps
Terbium	159-1	3998618	3937593	4091471	4009227	1.93	cps
Terbium	159-2	2607938	2583903	2551888	2581243	1.09	cps
Thallium	203-1	4247746	4369144	4262510	4293133	1.54	cps
Thallium	205-1	10169168	10401412	10103013	10224531	1.53	cps
Tin	118-1	3370942	3482839	3469363	3441048	1.78	cps
Titanium	47-1	4693858	4769501	4777180	4746847	0.97	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:05:26	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14072902	14324401	14158161	14185155	0.90	cps
Vanadium	51-2	1229915	1225286	1228678	1227959	0.20	cps
Yttrium	89-1	4546073	4502873	4499548	4516165	0.57	cps
Yttrium	89-2	1130378	1133461	1129701	1131180	0.18	cps
Zinc	66-2	2356225	2331899	2310652	2332925	0.98	cps
Zirconium	90-1	6318057	6293098	6408424	6339860	0.96	cps
Zirconium	91-1	1410035	1408468	1430524	1416343	0.87	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:08:18	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8199956	8179474	8112542	8163991	0.56	cps
Antimony	121-1	2927	2874	2950	2917	1.35	cps
Arsenic	75-2	57	80	87	74	21.16	cps
Barium	135-1	2894	2760	2910	2855	2.88	cps
Barium	137-1	4938	5171	4981	5030	2.47	cps
Beryllium	9-1	453	443	367	421	11.26	cps
Bismuth	209-1	2052898	2045090	2044653	2047547	0.23	cps
Bismuth	209-2	1335434	1396003	1426182	1385873	3.33	cps
Bromine	81-1	6405	6255	6385	6348	1.28	cps
Bromine	81-2	27	27	17	23	24.74	cps
Cadmium	108-1	47	30	30	36	27.07	cps
Cadmium	106-1	1373	1197	1237	1269	7.30	cps
Cadmium	111-1	1199	1023	1025	1082	9.32	cps
Calcium	43-1	4738133	4773038	4916196	4809123	1.96	cps
Calcium	44-1	75702929	76598239	77606521	76635896	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4784	4421	4971	4725	5.92	cps
Cobalt	59-2	5001	5254	5344	5200	3.42	cps
Copper	63-2	4647	4487	4577	4571	1.76	cps
Dysprosium	156-1	197	160	140	166	17.36	cps
Dysprosium	156-2	97	163	83	114	37.45	cps
Erbium	164-1	237	153	160	183	25.26	cps
Erbium	164-2	73	153	137	121	34.85	cps
Gadolinium	160-1	187	110	103	133	34.73	cps
Gadolinium	160-2	123	143	173	147	17.16	cps
Holmium	165-1	3687146	3695019	3661430	3681199	0.48	cps
Holmium	165-2	2303082	2462168	2452417	2405889	3.71	cps
Indium	115-1	2504292	2539667	2475403	2506454	1.28	cps
Indium	115-2	751710	786792	802435	780312	3.33	cps
Iron	56-2	284118582	282515876	283964789	283533082	0.31	cps
Iron	57-2	7018295	6934403	7041511	6998070	0.81	cps
Iron	54-2	15388147	15229064	15195551	15270921	0.67	cps
Krypton	83-1	107	90	90	96	10.07	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:08:18	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3644	3367	3297	3436	5.34	cps
Lead	207-1	3164	3244	2780	3063	8.09	cps
Lead	208-1	14600	13936	13259	13932	4.81	cps
Lithium	6-1	645627	652857	658922	652469	1.02	cps
Magnesium	24-2	68994756	67808241	68593774	68465590	0.88	cps
Manganese	55-2	6685	6728	6715	6709	0.33	cps
Molybdenum	94-1	3757	3657	3707	3707	1.35	cps
Molybdenum	95-1	3664	3490	3557	3570	2.45	cps
Molybdenum	96-1	7532	6848	7055	7145	4.91	cps
Molybdenum	97-1	2367	2254	2117	2246	5.58	cps
Molybdenum	98-1	5558	5361	5344	5421	2.19	cps
Neodymium	150-1	77	120	113	103	22.58	cps
Neodymium	150-2	77	37	73	62	35.67	cps
Nickel	60-2	1843	2220	1890	1985	10.35	cps
Phosphorus	31-2	150	130	123	134	10.32	cps
Potassium	39-2	40984384	39857087	39966732	40269401	1.54	cps
Rhodium	103-1	2077556	2087042	2028114	2064237	1.53	cps
Rhodium	103-2	1061358	1122341	1135497	1106399	3.58	cps
Scandium	45-1	1327336	1345879	1323919	1332378	0.89	cps
Scandium	45-2	111917	115725	118415	115352	2.83	cps
Selenium	82-1	128	142	156	142	9.79	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	133	80	97	103	26.41	cps
Silicon	28-1	183632	178934	180575	181047	1.32	cps
Silver	107-1	650	543	593	596	8.96	cps
Silver	109-1	547	593	480	540	10.55	cps
Sodium	23-2	107879935	106773858	108936485	107863426	1.00	cps
Strontium	86-1	5264	5141	5194	5200	1.19	cps
Strontium	88-1	46393	43915	42715	44341	4.23	cps
Sulfur	34-1	95882	98189	98542	97538	1.48	cps
Terbium	159-1	3781331	3812858	3633462	3742550	2.56	cps
Terbium	159-2	2240735	2334739	2435147	2336873	4.16	cps
Thallium	203-1	480	447	407	444	8.26	cps
Thallium	205-1	1233	1113	930	1092	13.99	cps
Tin	118-1	2040	2117	2260	2139	5.22	cps
Titanium	47-1	703	800	803	769	7.39	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:08:18	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	823	663	590	692	17.24	cps
Vanadium	51-2	370	430	360	387	9.79	cps
Yttrium	89-1	4213790	4185392	4228266	4209149	0.52	cps
Yttrium	89-2	989594	1040022	1066172	1031929	3.77	cps
Zinc	66-2	8462	8022	8326	8270	2.72	cps
Zirconium	90-1	3771	3747	3857	3792	1.53	cps
Zirconium	91-1	810	797	810	806	0.96	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICV025	Instrumnet Name :	P7
Client Sample ID :	ICV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:59:06	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	41489	40995	41326	41270	0.61	cps
Antimony	121-1	784850	794029	794456	791111	0.69	cps
Arsenic	75-2	34410	34614	35279	34767	1.31	cps
Barium	135-1	106984	106978	107186	107049	0.11	cps
Barium	137-1	184284	185442	185438	185055	0.36	cps
Beryllium	9-1	75783	76865	75870	76173	0.79	cps
Bismuth	209-1	2448355	2488987	2439421	2458921	1.07	cps
Bismuth	209-2	1884977	1877927	1911308	1891404	0.93	cps
Bromine	81-1	6418	6321	6241	6327	1.40	cps
Bromine	81-2	23	17	17	19	20.36	cps
Cadmium	108-1	10897	10964	11204	11022	1.46	cps
Cadmium	106-1	19089	18672	18662	18808	1.30	cps
Cadmium	111-1	105589	105804	104625	105339	0.60	cps
Calcium	43-1	22961	22914	22851	22908	0.24	cps
Calcium	44-1	356209	355940	354123	355424	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	140511	139667	139488	139888	0.39	cps
Cobalt	59-2	211484	211573	208065	210374	0.95	cps
Copper	63-2	148343	148158	148303	148268	0.07	cps
Dysprosium	156-1	13	10	10	11	17.30	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	13	20	7	13	49.99	cps
Erbium	164-2	0	0	13	4	173.21	cps
Gadolinium	160-1	13	0	10	8	89.21	cps
Gadolinium	160-2	120	120	117	119	1.62	cps
Holmium	165-1	4026792	3957517	4033045	4005784	1.05	cps
Holmium	165-2	2601852	2574401	2647504	2607919	1.42	cps
Indium	115-1	2839067	2778035	2803662	2806922	1.09	cps
Indium	115-2	884836	883199	892642	886892	0.57	cps
Iron	56-2	2538712	2473788	2455740	2489414	1.75	cps
Iron	57-2	65006	64314	65863	65061	1.19	cps
Iron	54-2	147669	145371	145148	146062	0.96	cps
Krypton	83-1	70	93	73	79	16.00	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICV025	Instrumnet Name :	P7
Client Sample ID :	ICV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:59:06	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	672130	684772	685467	680790	1.10	cps
Lead	207-1	562559	569795	574515	568956	1.06	cps
Lead	208-1	2630491	2674607	2691714	2665604	1.19	cps
Lithium	6-1	697005	693863	696381	695750	0.24	cps
Magnesium	24-2	167814	167561	165085	166820	0.90	cps
Manganese	55-2	110653	110616	107973	109747	1.40	cps
Molybdenum	94-1	6696725	6561840	6661367	6639977	1.05	cps
Molybdenum	95-1	9600262	9560451	9543749	9568154	0.30	cps
Molybdenum	96-1	10479456	10501415	10560695	10513855	0.40	cps
Molybdenum	97-1	6004182	6094350	6066023	6054852	0.76	cps
Molybdenum	98-1	15681898	15594584	15382240	15552907	0.99	cps
Neodymium	150-1	3	17	3	8	99.04	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	54445	54247	52746	53813	1.73	cps
Phosphorus	31-2	130	103	120	118	11.44	cps
Potassium	39-2	371283	371701	372138	371707	0.12	cps
Rhodium	103-1	2532200	2516041	2524866	2524369	0.32	cps
Rhodium	103-2	1379969	1374804	1390984	1381919	0.60	cps
Scandium	45-1	1452578	1473454	1448063	1458032	0.93	cps
Scandium	45-2	125225	125088	125986	125433	0.39	cps
Selenium	82-1	11142	11320	11540	11334	1.76	cps
Selenium	77-2	1017	1097	1023	1046	4.25	cps
Selenium	78-2	3614	3881	3644	3713	3.94	cps
Silicon	28-1	1137912	1143886	1151007	1144268	0.57	cps
Silver	107-1	234531	235893	235334	235253	0.29	cps
Silver	109-1	219472	220105	222223	220600	0.65	cps
Sodium	23-2	463191	462629	463029	462950	0.06	cps
Strontium	86-1	624769	625980	626785	625844	0.16	cps
Strontium	88-1	5605886	5679210	5637926	5641007	0.65	cps
Sulfur	34-1	109485	107142	107421	108016	1.19	cps
Terbium	159-1	4113590	4078252	3989699	4060514	1.57	cps
Terbium	159-2	2538894	2572580	2555625	2555700	0.66	cps
Thallium	203-1	818473	834642	842423	831846	1.47	cps
Thallium	205-1	2223483	2241993	2218611	2228029	0.55	cps
Tin	118-1	1924499	1924543	1893963	1914335	0.92	cps
Titanium	47-1	2243460	2228386	2233472	2235106	0.34	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICV025	Instrumnet Name :	P7
Client Sample ID :	ICV025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 12:59:06	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7366022	7461848	7468242	7432037	0.77	cps
Vanadium	51-2	122196	122626	121249	122024	0.58	cps
Yttrium	89-1	4631773	4659959	4605853	4632528	0.58	cps
Yttrium	89-2	1146032	1144144	1161932	1150703	0.85	cps
Zinc	66-2	47773	47061	47723	47519	0.84	cps
Zirconium	90-1	3278307	3332932	3320060	3310433	0.86	cps
Zirconium	91-1	726951	736709	730753	731471	0.67	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICB025	Instrumnet Name :	P7
Client Sample ID :	ICB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:16:30	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	47	73	63	22.94	cps
Antimony	121-1	43	37	67	49	32.22	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	37	20	23	27	33.08	cps
Barium	137-1	33	30	47	37	24.06	cps
Beryllium	9-1	50	53	53	52	3.68	cps
Bismuth	209-1	2503970	2453882	2458182	2472012	1.12	cps
Bismuth	209-2	1907662	1890561	1935863	1911362	1.20	cps
Bromine	81-1	6712	6895	7058	6888	2.52	cps
Bromine	81-2	10	33	47	30	61.87	cps
Cadmium	108-1	7	0	0	2	173.21	cps
Cadmium	106-1	1300	1197	1133	1210	6.95	cps
Cadmium	111-1	905	841	797	848	6.45	cps
Calcium	43-1	167	140	107	138	21.82	cps
Calcium	44-1	3234	3234	3130	3199	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253	237	327	272	17.59	cps
Cobalt	59-2	13	13	10	12	15.73	cps
Copper	63-2	693	663	647	668	3.54	cps
Dysprosium	156-1	13	17	17	16	12.40	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	13	16	12.40	cps
Erbium	164-2	23	7	27	19	56.72	cps
Gadolinium	160-1	0	7	10	6	91.64	cps
Gadolinium	160-2	97	130	117	114	14.66	cps
Holmium	165-1	3998426	3954047	3970632	3974369	0.56	cps
Holmium	165-2	2677875	2603262	2714323	2665154	2.12	cps
Indium	115-1	2955731	2923970	2943601	2941101	0.54	cps
Indium	115-2	929362	917524	928359	925082	0.71	cps
Iron	56-2	4564	4781	4707	4684	2.35	cps
Iron	57-2	493	577	550	540	7.88	cps
Iron	54-2	777	760	817	784	3.71	cps
Krypton	83-1	90	87	43	73	35.50	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICB025	Instrumnet Name :	P7
Client Sample ID :	ICB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:16:30	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	210	237	257	234	9.99	cps
Lead	207-1	190	250	243	228	14.44	cps
Lead	208-1	837	983	953	924	8.38	cps
Lithium	6-1	702311	704504	708743	705186	0.46	cps
Magnesium	24-2	1277	1287	1253	1272	1.34	cps
Manganese	55-2	103	73	80	86	18.42	cps
Molybdenum	94-1	120	117	110	116	4.41	cps
Molybdenum	95-1	70	50	77	66	21.17	cps
Molybdenum	96-1	57	83	53	64	25.51	cps
Molybdenum	97-1	30	27	43	33	26.45	cps
Molybdenum	98-1	103	70	137	103	32.26	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	63	57	63	61	6.29	cps
Phosphorus	31-2	100	107	80	96	14.52	cps
Potassium	39-2	30597	31142	30801	30847	0.89	cps
Rhodium	103-1	2568237	2588238	2551832	2569436	0.71	cps
Rhodium	103-2	1433352	1419180	1441640	1431391	0.79	cps
Scandium	45-1	1481679	1488293	1484491	1484821	0.22	cps
Scandium	45-2	129531	128815	129709	129352	0.37	cps
Selenium	82-1	87	94	151	110	31.82	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	93	103	100	99	5.15	cps
Silicon	28-1	165233	167433	166028	166231	0.67	cps
Silver	107-1	37	43	37	39	9.89	cps
Silver	109-1	17	27	33	26	32.81	cps
Sodium	23-2	8239	7999	8216	8151	1.62	cps
Strontium	86-1	143	123	103	123	16.22	cps
Strontium	88-1	140	117	150	136	12.62	cps
Sulfur	34-1	110469	111687	111785	111314	0.66	cps
Terbium	159-1	4068506	4053522	4144778	4088936	1.20	cps
Terbium	159-2	2574665	2621964	2621551	2606060	1.04	cps
Thallium	203-1	67	50	40	52	25.80	cps
Thallium	205-1	83	130	127	113	22.97	cps
Tin	118-1	687	837	697	740	11.33	cps
Titanium	47-1	40	23	30	31	26.97	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICB025	Instrumnet Name :	P7
Client Sample ID :	ICB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:16:30	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	23	20	17	52.90	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	4693101	4662388	4784376	4713289	1.35	cps
Yttrium	89-2	1196488	1178654	1188672	1187938	0.75	cps
Zinc	66-2	113	90	110	104	12.08	cps
Zirconium	90-1	303	270	277	283	6.23	cps
Zirconium	91-1	47	67	77	63	24.12	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSA025	Instrumnet Name :	P7
Client Sample ID :	ICSA025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:19:53	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7397515	7357206	7421524	7392082	0.44	cps
Antimony	121-1	4447	4051	4471	4323	5.46	cps
Arsenic	75-2	70	43	60	58	23.32	cps
Barium	135-1	1380	1450	1460	1430	3.05	cps
Barium	137-1	2544	2694	2604	2614	2.89	cps
Beryllium	9-1	270	263	210	248	13.27	cps
Bismuth	209-1	2303385	2320450	2325845	2316560	0.51	cps
Bismuth	209-2	1819785	1615069	1810791	1748549	6.62	cps
Bromine	81-1	6522	6455	6532	6503	0.64	cps
Bromine	81-2	50	100	87	79	32.82	cps
Cadmium	108-1	603	563	540	569	5.63	cps
Cadmium	106-1	1230	1113	1213	1186	5.32	cps
Cadmium	111-1	1102	1205	1078	1128	5.98	cps
Calcium	43-1	986934	981725	991996	986885	0.52	cps
Calcium	44-1	14836796	14777144	14932148	14848696	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26710	26924	26710	26782	0.46	cps
Cobalt	59-2	2480	2590	2620	2564	2.88	cps
Copper	63-2	10684	10821	11585	11030	4.40	cps
Dysprosium	156-1	10	13	23	16	44.60	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	20	17	20	19	10.18	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-1	17	47	23	29	54.53	cps
Gadolinium	160-2	143	127	127	132	7.28	cps
Holmium	165-1	3977228	3943792	3993756	3971592	0.64	cps
Holmium	165-2	2679895	2660833	2711845	2684191	0.96	cps
Indium	115-1	2741000	2678853	2736420	2718758	1.27	cps
Indium	115-2	876373	870080	875703	874052	0.40	cps
Iron	56-2	117859828	119204545	118852695	118639023	0.59	cps
Iron	57-2	2912770	2935127	2936660	2928186	0.46	cps
Iron	54-2	6387908	6376073	6459683	6407888	0.71	cps
Krypton	83-1	77	90	93	87	10.17	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSA025	Instrumnet Name :	P7
Client Sample ID :	ICSA025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:19:53	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14011	14505	14528	14348	2.04	cps
Lead	207-1	11095	11228	11675	11333	2.68	cps
Lead	208-1	52403	53678	54222	53434	1.75	cps
Lithium	6-1	672132	655709	669045	665629	1.31	cps
Magnesium	24-2	12522800	12696888	12641999	12620563	0.71	cps
Manganese	55-2	8683	8639	8292	8538	2.51	cps
Molybdenum	94-1	2016349	2005159	2008699	2010069	0.28	cps
Molybdenum	95-1	3601621	3549992	3540928	3564180	0.92	cps
Molybdenum	96-1	3855573	3817070	3815068	3829237	0.60	cps
Molybdenum	97-1	2248378	2219969	2253331	2240560	0.80	cps
Molybdenum	98-1	5817537	5812180	5859953	5829890	0.45	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	2777	2570	2717	2688	3.96	cps
Phosphorus	31-2	385610	385540	388495	386548	0.44	cps
Potassium	39-2	15731860	15976561	15898980	15869134	0.79	cps
Rhodium	103-1	2346591	2287921	2331081	2321864	1.31	cps
Rhodium	103-2	1317907	1300616	1309694	1309406	0.66	cps
Scandium	45-1	1370061	1356542	1346576	1357726	0.87	cps
Scandium	45-2	123162	121220	123370	122584	0.97	cps
Selenium	82-1	111	79	77	89	21.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	103	90	93	96	7.26	cps
Silicon	28-1	195516	191956	192687	193386	0.97	cps
Silver	107-1	277	247	330	284	14.84	cps
Silver	109-1	223	230	293	249	15.52	cps
Sodium	23-2	21308171	21196375	21350761	21285103	0.37	cps
Strontium	86-1	40195	40318	40576	40363	0.48	cps
Strontium	88-1	352622	354972	359484	355693	0.98	cps
Sulfur	34-1	1413765	1392018	1415252	1407012	0.92	cps
Terbium	159-1	4051551	4083115	4062930	4065865	0.39	cps
Terbium	159-2	2590719	2564093	2625344	2593385	1.18	cps
Thallium	203-1	277	290	323	297	8.10	cps
Thallium	205-1	697	663	793	718	9.41	cps
Tin	118-1	1550	1660	1610	1607	3.43	cps
Titanium	47-1	869824	861146	865246	865405	0.50	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSA025	Instrumnet Name :	P7
Client Sample ID :	ICSA025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:19:53	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	220	207	243	223	8.31	cps
Vanadium	51-2	267	250	267	261	3.69	cps
Yttrium	89-1	4501634	4440094	4502123	4481284	0.80	cps
Yttrium	89-2	1150452	1137245	1148808	1145502	0.63	cps
Zinc	66-2	2604	2734	2630	2656	2.59	cps
Zirconium	90-1	413	400	437	417	4.45	cps
Zirconium	91-1	97	107	113	106	7.94	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSAB025	Instrumnet Name :	P7
Client Sample ID :	ICSAB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:23:05	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7525034	7546006	7548171	7539737	0.17	cps
Antimony	121-1	82169	83085	84855	83370	1.64	cps
Arsenic	75-2	3694	3280	3454	3476	5.97	cps
Barium	135-1	22381	22658	23105	22715	1.61	cps
Barium	137-1	38017	40437	38967	39140	3.12	cps
Beryllium	9-1	14867	15064	15137	15023	0.93	cps
Bismuth	209-1	2329516	2404403	2329683	2354534	1.83	cps
Bismuth	209-2	1831477	1848694	1845140	1841771	0.49	cps
Bromine	81-1	6962	6858	7052	6957	1.39	cps
Bromine	81-2	123	150	103	126	18.64	cps
Cadmium	108-1	1887	2094	2037	2006	5.33	cps
Cadmium	106-1	3721	3891	3774	3795	2.29	cps
Cadmium	111-1	20860	20638	20245	20581	1.51	cps
Calcium	43-1	1024150	1032245	1037005	1031133	0.63	cps
Calcium	44-1	15563201	15568415	15629864	15587160	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54070	53581	54244	53965	0.64	cps
Cobalt	59-2	42878	42564	42794	42745	0.38	cps
Copper	63-2	37347	37721	37276	37448	0.64	cps
Dysprosium	156-1	27	17	30	24	28.38	cps
Dysprosium	156-2	23	13	13	17	34.65	cps
Erbium	164-1	33	27	30	30	11.10	cps
Erbium	164-2	30	17	7	18	65.83	cps
Gadolinium	160-1	27	33	30	30	11.10	cps
Gadolinium	160-2	87	123	113	108	17.58	cps
Holmium	165-1	4051345	4102072	4065147	4072854	0.64	cps
Holmium	165-2	2665636	2730851	2716001	2704163	1.26	cps
Indium	115-1	2755278	2809584	2801953	2788939	1.05	cps
Indium	115-2	885359	891663	893723	890248	0.49	cps
Iron	56-2	118604995	119485382	118813612	118967996	0.39	cps
Iron	57-2	2958281	2984334	2956273	2966296	0.53	cps
Iron	54-2	6540282	6536402	6601423	6559369	0.56	cps
Krypton	83-1	53	67	90	70	26.51	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSAB025	Instrumnet Name :	P7
Client Sample ID :	ICSAB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:23:05	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	82632	84658	85704	84331	1.85	cps
Lead	207-1	69871	69825	70300	69999	0.37	cps
Lead	208-1	321842	326371	326896	325036	0.85	cps
Lithium	6-1	699893	704766	695024	699894	0.70	cps
Magnesium	24-2	13004255	12898642	12893202	12932033	0.48	cps
Manganese	55-2	29506	29479	29790	29591	0.58	cps
Molybdenum	94-1	2228210	2263894	2301162	2264422	1.61	cps
Molybdenum	95-1	3715629	3786418	3776076	3759374	1.02	cps
Molybdenum	96-1	4002706	4114390	4089115	4068737	1.44	cps
Molybdenum	97-1	2368235	2382103	2409331	2386556	0.88	cps
Molybdenum	98-1	6099052	6036882	6194714	6110216	1.30	cps
Neodymium	150-1	20	17	23	20	16.65	cps
Neodymium	150-2	10	10	23	14	53.28	cps
Nickel	60-2	12235	12555	12195	12328	1.60	cps
Phosphorus	31-2	393356	395156	396357	394956	0.38	cps
Potassium	39-2	16058730	15928997	16058974	16015567	0.47	cps
Rhodium	103-1	2419701	2390699	2363697	2391366	1.17	cps
Rhodium	103-2	1337112	1334796	1334823	1335577	0.10	cps
Scandium	45-1	1436977	1467511	1414380	1439623	1.85	cps
Scandium	45-2	125743	126429	127144	126439	0.55	cps
Selenium	82-1	1205	1209	1246	1220	1.86	cps
Selenium	77-2	87	120	93	100	17.64	cps
Selenium	78-2	453	507	433	464	8.16	cps
Silicon	28-1	296251	300313	301717	299427	0.95	cps
Silver	107-1	84970	87682	87890	86848	1.88	cps
Silver	109-1	80629	82677	82499	81935	1.38	cps
Sodium	23-2	21766155	21731406	21905936	21801166	0.42	cps
Strontium	86-1	102647	103523	103497	103222	0.48	cps
Strontium	88-1	896024	909987	906761	904257	0.81	cps
Sulfur	34-1	1463878	1486658	1470122	1473553	0.80	cps
Terbium	159-1	4138920	4250775	4215061	4201585	1.36	cps
Terbium	159-2	2638233	2656363	2668193	2654263	0.57	cps
Thallium	203-1	94162	95273	96153	95196	1.05	cps
Thallium	205-1	224645	225241	229223	226370	1.10	cps
Tin	118-1	174405	177448	178181	176678	1.13	cps
Titanium	47-1	919977	929395	928808	926060	0.57	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	ICSAB025	Instrumnet Name :	P7
Client Sample ID :	ICSAB025	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:23:05	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	622156	628300	630635	627030	0.70	cps
Vanadium	51-2	24694	24366	24490	24517	0.67	cps
Yttrium	89-1	4611281	4688080	4642402	4647255	0.83	cps
Yttrium	89-2	1166451	1169802	1180737	1172330	0.64	cps
Zinc	66-2	7522	7409	7305	7412	1.46	cps
Zirconium	90-1	317603	324020	323459	321694	1.10	cps
Zirconium	91-1	71687	71868	72692	72082	0.74	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV094	Instrumnet Name :	P7
Client Sample ID :	CCV094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:35:33	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4136849	4043443	4087157	4089149	1.14	cps
Antimony	121-1	1970457	2015878	2011294	1999210	1.25	cps
Arsenic	75-2	82940	82725	83369	83011	0.39	cps
Barium	135-1	2827685	2824037	2898252	2849991	1.47	cps
Barium	137-1	4825636	4848299	4982617	4885518	1.74	cps
Beryllium	9-1	348353	357353	361865	355857	1.93	cps
Bismuth	209-1	2198259	2197944	2250477	2215560	1.36	cps
Bismuth	209-2	1525239	1524613	1519765	1523205	0.20	cps
Bromine	81-1	6298	5748	6151	6066	4.70	cps
Bromine	81-2	33	40	23	32	26.04	cps
Cadmium	108-1	34374	33786	33920	34026	0.91	cps
Cadmium	106-1	49818	49715	50778	50104	1.17	cps
Cadmium	111-1	446217	451081	454506	450601	0.92	cps
Calcium	43-1	2352094	2447096	2471356	2423515	2.60	cps
Calcium	44-1	37736194	38206025	39029271	38323830	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	673792	671940	678878	674870	0.53	cps
Cobalt	59-2	1061049	1054730	1062786	1059521	0.40	cps
Copper	63-2	7041944	7149398	7040829	7077391	0.88	cps
Dysprosium	156-1	113	107	120	113	5.88	cps
Dysprosium	156-2	183	207	203	198	6.38	cps
Erbium	164-1	103	80	53	79	31.71	cps
Erbium	164-2	57	80	40	59	34.12	cps
Gadolinium	160-1	97	60	87	81	23.37	cps
Gadolinium	160-2	163	130	187	160	17.80	cps
Holmium	165-1	3807453	3789705	3777410	3791523	0.40	cps
Holmium	165-2	2605556	2561152	2569559	2578756	0.91	cps
Indium	115-1	2593055	2584183	2619664	2598967	0.71	cps
Indium	115-2	827457	827760	827272	827496	0.03	cps
Iron	56-2	148178514	148825394	147793531	148265813	0.35	cps
Iron	57-2	3700968	3666988	3718296	3695417	0.71	cps
Iron	54-2	8112606	8006252	8042580	8053813	0.67	cps
Krypton	83-1	90	87	70	82	13.03	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV094	Instrumnet Name :	P7
Client Sample ID :	CCV094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:35:33	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8387059	8450624	8711361	8516348	2.02	cps
Lead	207-1	7371909	7465620	7616629	7484719	1.65	cps
Lead	208-1	33588920	34317970	34812331	34239740	1.80	cps
Lithium	6-1	633814	636553	653799	641389	1.69	cps
Magnesium	24-2	33114830	32597418	32985379	32899209	0.82	cps
Manganese	55-2	5230994	5215207	5212839	5219680	0.19	cps
Molybdenum	94-1	6900302	7069843	7108122	7026089	1.57	cps
Molybdenum	95-1	10183680	10320717	10414747	10306381	1.13	cps
Molybdenum	96-1	11119442	11297610	11355184	11257412	1.09	cps
Molybdenum	97-1	6312744	6496871	6572185	6460600	2.07	cps
Molybdenum	98-1	16648579	16870569	16855154	16791434	0.74	cps
Neodymium	150-1	290	280	260	277	5.52	cps
Neodymium	150-2	63	80	70	71	11.80	cps
Nickel	60-2	256359	256023	256833	256405	0.16	cps
Phosphorus	31-2	39464	39518	39955	39646	0.68	cps
Potassium	39-2	20612389	20375368	20454082	20480613	0.59	cps
Rhodium	103-1	2185094	2190844	2198213	2191384	0.30	cps
Rhodium	103-2	1229383	1236442	1234496	1233440	0.30	cps
Scandium	45-1	1339999	1356914	1352732	1349882	0.65	cps
Scandium	45-2	120766	120669	121345	120926	0.30	cps
Selenium	82-1	24706	24994	25219	24973	1.03	cps
Selenium	77-2	2614	2414	2440	2489	4.36	cps
Selenium	78-2	8299	8329	8316	8315	0.18	cps
Silicon	28-1	1503063	1527058	1574762	1534961	2.38	cps
Silver	107-1	2183646	2255109	2254985	2231247	1.85	cps
Silver	109-1	2092676	2128404	2110944	2110674	0.85	cps
Sodium	23-2	55425898	54977071	56007144	55470038	0.93	cps
Strontium	86-1	15010085	15121019	15285296	15138800	0.91	cps
Strontium	88-1	132162928	134263521	134490545	133638998	0.96	cps
Sulfur	34-1	229193	232698	233416	231769	0.97	cps
Terbium	159-1	3868569	3922797	3979879	3923748	1.42	cps
Terbium	159-2	2495471	2469119	2508983	2491191	0.81	cps
Thallium	203-1	2082900	2088120	2128459	2099826	1.19	cps
Thallium	205-1	4991334	5036681	5191874	5073296	2.07	cps
Tin	118-1	1695768	1763021	1758611	1739133	2.16	cps
Titanium	47-1	2297540	2369074	2395171	2353928	2.15	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV094	Instrumnet Name :	P7
Client Sample ID :	CCV094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:35:33	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7012202	7119582	7259239	7130341	1.74	cps
Vanadium	51-2	619935	614815	622105	618952	0.60	cps
Yttrium	89-1	4325475	4305847	4365985	4332436	0.71	cps
Yttrium	89-2	1105556	1100263	1103165	1102995	0.24	cps
Zinc	66-2	1208539	1201620	1212404	1207521	0.45	cps
Zirconium	90-1	3163640	3185578	3211452	3186890	0.75	cps
Zirconium	91-1	696776	712583	713164	707508	1.31	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB094	Instrumnet Name :	P7
Client Sample ID :	CCB094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:38:25	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253	253	300	269	10.02	cps
Antimony	121-1	1333	1417	1507	1419	6.11	cps
Arsenic	75-2	20	17	0	12	87.67	cps
Barium	135-1	147	93	67	102	39.85	cps
Barium	137-1	170	127	120	139	19.55	cps
Beryllium	9-1	263	190	260	238	17.42	cps
Bismuth	209-1	2518866	2508907	2523671	2517148	0.30	cps
Bismuth	209-2	1960260	2010579	1941007	1970615	1.82	cps
Bromine	81-1	6475	6458	6408	6447	0.54	cps
Bromine	81-2	27	23	23	24	7.89	cps
Cadmium	108-1	3	3	3	3	0.00	cps
Cadmium	106-1	1347	1223	1357	1309	5.67	cps
Cadmium	111-1	1004	891	991	962	6.43	cps
Calcium	43-1	263	193	183	213	20.43	cps
Calcium	44-1	4501	4331	4064	4298	5.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	343	260	350	318	15.78	cps
Cobalt	59-2	47	70	73	63	22.94	cps
Copper	63-2	1220	1003	1197	1140	10.43	cps
Dysprosium	156-1	3	10	3	6	69.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	10	23	13	16	44.60	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	3	10	10	8	49.52	cps
Gadolinium	160-2	113	97	107	106	7.94	cps
Holmium	165-1	3924023	3960872	4033731	3972875	1.41	cps
Holmium	165-2	2667085	2730317	2625490	2674297	1.97	cps
Indium	115-1	2922673	2905943	2914591	2914402	0.29	cps
Indium	115-2	917127	922628	907115	915623	0.86	cps
Iron	56-2	12572	13389	14337	13433	6.58	cps
Iron	57-2	623	700	727	683	7.85	cps
Iron	54-2	1103	1257	1290	1217	8.18	cps
Krypton	83-1	63	63	70	66	5.87	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB094	Instrumnet Name :	P7
Client Sample ID :	CCB094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:38:25	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1007	867	607	827	24.55	cps
Lead	207-1	750	703	687	713	4.60	cps
Lead	208-1	3747	3137	2920	3268	13.12	cps
Lithium	6-1	703805	712124	712855	709595	0.71	cps
Magnesium	24-2	2577	2574	2810	2654	5.11	cps
Manganese	55-2	323	297	343	321	7.29	cps
Molybdenum	94-1	810	807	743	787	4.78	cps
Molybdenum	95-1	680	623	650	651	4.35	cps
Molybdenum	96-1	1033	790	727	850	19.05	cps
Molybdenum	97-1	423	373	420	406	6.89	cps
Molybdenum	98-1	1197	1060	1027	1094	8.23	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	87	93	87	89	4.33	cps
Phosphorus	31-2	127	130	97	118	15.59	cps
Potassium	39-2	32632	32819	33337	32929	1.11	cps
Rhodium	103-1	2526919	2507005	2516128	2516684	0.40	cps
Rhodium	103-2	1401945	1434733	1414436	1417038	1.17	cps
Scandium	45-1	1411611	1445784	1420983	1426126	1.24	cps
Scandium	45-2	125014	127568	125665	126082	1.05	cps
Selenium	82-1	76	87	118	94	22.91	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	110	63	83	86	27.37	cps
Silicon	28-1	168012	166948	166608	167189	0.44	cps
Silver	107-1	357	297	190	281	30.03	cps
Silver	109-1	267	207	220	231	13.63	cps
Sodium	23-2	17814	17297	17156	17422	1.99	cps
Strontium	86-1	757	557	600	638	16.50	cps
Strontium	88-1	5341	3897	3497	4245	22.85	cps
Sulfur	34-1	104924	105514	105286	105241	0.28	cps
Terbium	159-1	4103019	4117176	4132029	4117408	0.35	cps
Terbium	159-2	2548095	2665095	2614153	2609114	2.25	cps
Thallium	203-1	377	333	293	334	12.46	cps
Thallium	205-1	907	670	647	741	19.41	cps
Tin	118-1	917	1017	970	968	5.17	cps
Titanium	47-1	183	150	130	154	17.45	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB094	Instrumnet Name :	P7
Client Sample ID :	CCB094	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:38:25	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	283	210	217	237	17.14	cps
Vanadium	51-2	27	33	27	29	13.31	cps
Yttrium	89-1	4618047	4614770	4650651	4627823	0.43	cps
Yttrium	89-2	1163501	1175427	1158100	1165676	0.76	cps
Zinc	66-2	180	220	233	211	13.15	cps
Zirconium	90-1	1083	900	1013	999	9.26	cps
Zirconium	91-1	210	253	277	247	13.72	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:52:29	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3430224	3433901	3418050	3427392	0.24	cps
Antimony	121-1	3520	3477	3550	3516	1.05	cps
Arsenic	75-2	42888	43039	42898	42942	0.20	cps
Barium	135-1	274864	284568	279609	279680	1.74	cps
Barium	137-1	475989	484266	485013	481756	1.04	cps
Beryllium	9-1	1013	1153	1030	1066	7.18	cps
Bismuth	209-1	2484661	2490242	2430613	2468505	1.33	cps
Bismuth	209-2	1875251	1904709	1859399	1879786	1.22	cps
Bromine	81-1	7295	7219	7319	7277	0.72	cps
Bromine	81-2	130	150	163	148	11.36	cps
Cadmium	108-1	140	147	127	138	7.39	cps
Cadmium	106-1	1613	1473	1437	1508	6.18	cps
Cadmium	111-1	1835	1745	1720	1767	3.40	cps
Calcium	43-1	153430	157103	158872	156468	1.77	cps
Calcium	44-1	2356335	2454066	2391821	2400741	2.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58305	59025	58556	58629	0.62	cps
Cobalt	59-2	72943	73428	73228	73199	0.33	cps
Copper	63-2	175239	170465	170397	172034	1.61	cps
Dysprosium	156-1	33223	34205	34101	33843	1.59	cps
Dysprosium	156-2	25356	25577	24892	25275	1.38	cps
Erbium	164-1	29267	29919	29548	29578	1.10	cps
Erbium	164-2	18582	18856	18796	18745	0.77	cps
Gadolinium	160-1	31051	32117	32030	31733	1.86	cps
Gadolinium	160-2	21944	22251	22017	22071	0.73	cps
Holmium	165-1	4069989	4189552	4078529	4112690	1.62	cps
Holmium	165-2	2717431	2758225	2694422	2723359	1.19	cps
Indium	115-1	2919037	2962232	3004964	2962078	1.45	cps
Indium	115-2	924280	937808	924608	928898	0.83	cps
Iron	56-2	110633058	110692522	109629052	110318211	0.54	cps
Iron	57-2	2744188	2694966	2729697	2722950	0.93	cps
Iron	54-2	5950854	5994774	5984672	5976767	0.38	cps
Krypton	83-1	117	117	137	123	9.36	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:52:29	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	142110	147199	142931	144080	1.90	cps
Lead	207-1	123804	126609	125746	125386	1.15	cps
Lead	208-1	567667	577038	576401	573702	0.91	cps
Lithium	6-1	729611	749386	745517	741505	1.41	cps
Magnesium	24-2	2082587	2094768	2154497	2110617	1.82	cps
Manganese	55-2	1711605	1720700	1695384	1709229	0.75	cps
Molybdenum	94-1	23769	23716	23833	23773	0.25	cps
Molybdenum	95-1	2064	2140	2124	2109	1.91	cps
Molybdenum	96-1	7392	7502	7489	7461	0.81	cps
Molybdenum	97-1	1307	1447	1513	1422	7.42	cps
Molybdenum	98-1	3354	3437	3247	3346	2.85	cps
Neodymium	150-1	54428	54893	54391	54571	0.51	cps
Neodymium	150-2	29765	29234	29975	29658	1.29	cps
Nickel	60-2	19139	19863	18939	19314	2.52	cps
Phosphorus	31-2	9270	9623	9596	9496	2.07	cps
Potassium	39-2	1066730	1068735	1066415	1067293	0.12	cps
Rhodium	103-1	2517620	2578764	2561324	2552569	1.23	cps
Rhodium	103-2	1417644	1442538	1408982	1423055	1.22	cps
Scandium	45-1	1588495	1627837	1630305	1615546	1.45	cps
Scandium	45-2	140582	143643	139384	141203	1.56	cps
Selenium	82-1	99	138	131	123	16.70	cps
Selenium	77-2	70	93	53	72	27.82	cps
Selenium	78-2	147	147	143	146	1.32	cps
Silicon	28-1	16256841	16585008	16645908	16495919	1.27	cps
Silver	107-1	1437	1533	1607	1526	5.59	cps
Silver	109-1	1327	1420	1440	1396	4.33	cps
Sodium	23-2	57905	58571	58825	58434	0.81	cps
Strontium	86-1	77100	80157	80019	79092	2.18	cps
Strontium	88-1	688083	704105	708315	700168	1.52	cps
Sulfur	34-1	115254	113830	110992	113359	1.91	cps
Terbium	159-1	4139653	4198556	4207700	4181970	0.88	cps
Terbium	159-2	2652195	2654711	2626039	2644315	0.60	cps
Thallium	203-1	1190	1167	1047	1135	6.78	cps
Thallium	205-1	2777	2657	2787	2740	2.64	cps
Tin	118-1	5925	6355	5958	6079	3.94	cps
Titanium	47-1	628863	646402	648510	641259	1.68	cps

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On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2816-01A	Instrumnet Name :	P7
Client Sample ID :	MYD4J8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 13:52:29	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9837	9810	9907	9852	0.51	cps
Vanadium	51-2	208618	210844	211751	210405	0.77	cps
Yttrium	89-1	5171386	5328341	5188910	5229546	1.64	cps
Yttrium	89-2	1296913	1306285	1282627	1295275	0.92	cps
Zinc	66-2	54041	54178	55034	54418	0.99	cps
Zirconium	90-1	58964	60912	60842	60240	1.83	cps
Zirconium	91-1	12969	13476	13510	13318	2.27	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2823-01ADLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5X1ARE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:06:11	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	649270	644741	645161	646391	0.39	cps
Antimony	121-1	763	820	937	840	10.52	cps
Arsenic	75-2	1713	1783	1807	1768	2.75	cps
Barium	135-1	250182	249475	252734	250797	0.68	cps
Barium	137-1	434829	436921	436717	436156	0.26	cps
Beryllium	9-1	247	263	253	254	3.30	cps
Bismuth	209-1	2103273	2456860	2386011	2315381	8.08	cps
Bismuth	209-2	1915519	1929111	1908316	1917649	0.55	cps
Bromine	81-1	6728	7285	6425	6813	6.41	cps
Bromine	81-2	50	83	77	70	25.20	cps
Cadmium	108-1	40	33	40	38	10.19	cps
Cadmium	106-1	1127	1323	1167	1206	8.62	cps
Cadmium	111-1	951	1136	1005	1031	9.26	cps
Calcium	43-1	40581	40858	41092	40844	0.63	cps
Calcium	44-1	658854	660926	663559	661113	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17854	17704	17010	17522	2.57	cps
Cobalt	59-2	14400	14437	13943	14260	1.93	cps
Copper	63-2	30752	30655	30424	30610	0.55	cps
Dysprosium	156-1	7769	7485	7385	7547	2.64	cps
Dysprosium	156-2	5935	5788	5701	5808	2.03	cps
Erbium	164-1	6051	6271	6235	6186	1.91	cps
Erbium	164-2	3924	4154	3991	4023	2.94	cps
Gadolinium	160-1	6775	7029	6692	6832	2.57	cps
Gadolinium	160-2	4641	4694	4931	4755	3.25	cps
Holmium	165-1	3459191	4142199	3981593	3860995	9.25	cps
Holmium	165-2	2648098	2696175	2696766	2680347	1.04	cps
Indium	115-1	2543140	2951274	2867614	2787343	7.73	cps
Indium	115-2	930493	931969	922415	928292	0.55	cps
Iron	56-2	19070773	18870051	18876844	18939222	0.60	cps
Iron	57-2	493306	487092	490127	490175	0.63	cps
Iron	54-2	1079941	1075576	1074051	1076523	0.28	cps
Krypton	83-1	130	83	77	97	30.06	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2823-01ADLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5X1ARE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:06:11	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	58425	57852	59473	58583	1.40	cps
Lead	207-1	51979	52882	52481	52447	0.86	cps
Lead	208-1	235221	236608	236952	236260	0.39	cps
Lithium	6-1	619551	716524	711967	682680	8.02	cps
Magnesium	24-2	452556	452150	449825	451510	0.33	cps
Manganese	55-2	371435	372329	370008	371257	0.32	cps
Molybdenum	94-1	5715	5544	5581	5613	1.59	cps
Molybdenum	95-1	467	493	463	474	3.47	cps
Molybdenum	96-1	1583	1680	1727	1663	4.40	cps
Molybdenum	97-1	293	380	277	317	17.52	cps
Molybdenum	98-1	667	793	793	751	9.74	cps
Neodymium	150-1	12779	12679	12559	12672	0.87	cps
Neodymium	150-2	6895	6915	6885	6898	0.22	cps
Nickel	60-2	6298	6275	6415	6329	1.19	cps
Phosphorus	31-2	1890	1727	1790	1802	4.57	cps
Potassium	39-2	294364	294419	292422	293735	0.39	cps
Rhodium	103-1	2226566	2613573	2557868	2466002	8.48	cps
Rhodium	103-2	1437635	1442893	1427772	1436100	0.53	cps
Scandium	45-1	1289842	1515273	1512676	1439264	8.99	cps
Scandium	45-2	132405	133525	131030	132320	0.94	cps
Selenium	82-1	66	72	112	84	29.88	cps
Selenium	77-2	10	20	17	16	32.73	cps
Selenium	78-2	147	107	120	124	16.37	cps
Silicon	28-1	3698923	3764117	3758317	3740452	0.96	cps
Silver	107-1	490	480	550	507	7.47	cps
Silver	109-1	493	417	490	467	9.29	cps
Sodium	23-2	31612	31328	31108	31350	0.81	cps
Strontium	86-1	24173	24063	24086	24108	0.24	cps
Strontium	88-1	208056	212414	210640	210370	1.04	cps
Sulfur	34-1	100215	101816	100903	100978	0.80	cps
Terbium	159-1	3569001	4152421	4054799	3925407	7.96	cps
Terbium	159-2	2639708	2640854	2654561	2645041	0.31	cps
Thallium	203-1	307	307	273	296	6.51	cps
Thallium	205-1	770	743	740	751	2.19	cps
Tin	118-1	4597	4644	4444	4562	2.29	cps
Titanium	47-1	138258	138392	138342	138330	0.05	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2823-01ADLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5X1ARE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:06:11	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3490	3531	3567	3529	1.09	cps
Vanadium	51-2	107214	106593	105774	106527	0.68	cps
Yttrium	89-1	4183484	4897724	4811209	4630806	8.42	cps
Yttrium	89-2	1215606	1220588	1218837	1218343	0.21	cps
Zinc	66-2	16956	16823	16683	16821	0.81	cps
Zirconium	90-1	14350	14791	14701	14614	1.59	cps
Zirconium	91-1	3120	3327	3257	3235	3.25	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2824-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5K5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:09:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4221389	4225733	4142092	4196405	1.12	cps
Antimony	121-1	5318	5604	5414	5446	2.68	cps
Arsenic	75-2	31777	31356	31276	31470	0.86	cps
Barium	135-1	518165	534129	526497	526263	1.52	cps
Barium	137-1	912972	909676	906278	909642	0.37	cps
Beryllium	9-1	997	927	973	966	3.69	cps
Bismuth	209-1	2393561	2388947	2430857	2404455	0.96	cps
Bismuth	209-2	1824855	1818763	1833815	1825811	0.41	cps
Bromine	81-1	8783	8639	8869	8764	1.33	cps
Bromine	81-2	407	393	353	384	7.22	cps
Cadmium	108-1	153	133	83	123	29.24	cps
Cadmium	106-1	1630	1683	1567	1627	3.59	cps
Cadmium	111-1	1867	1912	1898	1892	1.21	cps
Calcium	43-1	104493	107504	107020	106339	1.52	cps
Calcium	44-1	1592231	1622338	1615867	1610145	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210850	207362	208082	208765	0.88	cps
Cobalt	59-2	177267	174886	173938	175364	0.98	cps
Copper	63-2	303442	302577	299507	301842	0.69	cps
Dysprosium	156-1	31455	32805	31933	32064	2.13	cps
Dysprosium	156-2	23981	24448	24077	24169	1.02	cps
Erbium	164-1	23817	23857	24264	23980	1.03	cps
Erbium	164-2	15702	15242	15335	15426	1.58	cps
Gadolinium	160-1	28115	28068	28128	28104	0.11	cps
Gadolinium	160-2	19327	18686	19163	19059	1.75	cps
Holmium	165-1	4047532	4159737	4061143	4089471	1.50	cps
Holmium	165-2	2660909	2588241	2650955	2633368	1.50	cps
Indium	115-1	2886207	2895933	2859213	2880451	0.66	cps
Indium	115-2	912231	889881	902576	901563	1.24	cps
Iron	56-2	231347617	230797643	228609163	230251474	0.63	cps
Iron	57-2	5761536	5659151	5653569	5691418	1.07	cps
Iron	54-2	12667196	12547180	12536926	12583767	0.58	cps
Krypton	83-1	113	103	87	101	13.32	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2824-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5K5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:09:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	178039	184317	181565	181307	1.74	cps
Lead	207-1	162474	163005	160873	162117	0.68	cps
Lead	208-1	726500	733724	731607	730610	0.51	cps
Lithium	6-1	729836	733148	736770	733252	0.47	cps
Magnesium	24-2	4104118	4039079	4053263	4065487	0.84	cps
Manganese	55-2	9869311	9923682	9925864	9906286	0.32	cps
Molybdenum	94-1	24661	24688	25041	24797	0.86	cps
Molybdenum	95-1	4644	4744	4644	4677	1.23	cps
Molybdenum	96-1	11795	11648	10991	11478	3.73	cps
Molybdenum	97-1	2784	2887	2740	2804	2.69	cps
Molybdenum	98-1	7002	7385	6912	7100	3.54	cps
Neodymium	150-1	49289	50757	50738	50261	1.68	cps
Neodymium	150-2	26896	26779	26879	26851	0.24	cps
Nickel	60-2	55954	56248	56041	56081	0.27	cps
Phosphorus	31-2	8509	8322	7905	8246	3.75	cps
Potassium	39-2	1755487	1754920	1732124	1747511	0.76	cps
Rhodium	103-1	2570658	2619907	2549078	2579881	1.41	cps
Rhodium	103-2	1389337	1370507	1387371	1382405	0.75	cps
Scandium	45-1	1671956	1714219	1692317	1692830	1.25	cps
Scandium	45-2	143909	141211	143529	142883	1.02	cps
Selenium	82-1	855	847	859	854	0.69	cps
Selenium	77-2	133	117	117	122	7.87	cps
Selenium	78-2	373	450	350	391	13.38	cps
Silicon	28-1	12411491	12568796	12543359	12507882	0.68	cps
Silver	107-1	1290	1367	1407	1355	4.38	cps
Silver	109-1	973	1273	1217	1155	13.81	cps
Sodium	23-2	56985	56349	57537	56957	1.04	cps
Strontium	86-1	104286	107069	106229	105861	1.35	cps
Strontium	88-1	926044	926324	924985	925784	0.08	cps
Sulfur	34-1	105014	106847	104581	105481	1.14	cps
Terbium	159-1	4202968	4155350	4132010	4163443	0.87	cps
Terbium	159-2	2639276	2580054	2610845	2610058	1.13	cps
Thallium	203-1	1273	1540	1480	1431	9.78	cps
Thallium	205-1	3250	3410	3447	3369	3.10	cps
Tin	118-1	9073	8976	9046	9032	0.55	cps
Titanium	47-1	478514	486747	478273	481178	1.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2824-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5K5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:09:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11855	12192	12176	12074	1.57	cps
Vanadium	51-2	386263	387106	383779	385716	0.45	cps
Yttrium	89-1	5103471	5103015	5137738	5114742	0.39	cps
Yttrium	89-2	1259667	1236146	1242683	1246165	0.97	cps
Zinc	66-2	79021	78495	78944	78820	0.36	cps
Zirconium	90-1	59490	60829	59898	60072	1.14	cps
Zirconium	91-1	13646	13460	13410	13505	0.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:23:04	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1065610	1055381	1044095	1055029	1.02	cps
Antimony	121-1	293	270	260	274	6.23	cps
Arsenic	75-2	1377	1463	1487	1442	4.02	cps
Barium	135-1	156610	155248	155653	155837	0.45	cps
Barium	137-1	269829	270786	268847	269821	0.36	cps
Beryllium	9-1	423	363	473	420	13.11	cps
Bismuth	209-1	2387906	2343011	2378446	2369788	1.00	cps
Bismuth	209-2	1825995	1841002	1604185	1757061	7.55	cps
Bromine	81-1	7795	7609	7582	7662	1.52	cps
Bromine	81-2	177	167	143	162	10.54	cps
Cadmium	108-1	50	20	23	31	52.86	cps
Cadmium	106-1	1210	1280	1253	1248	2.83	cps
Cadmium	111-1	962	975	1004	981	2.21	cps
Calcium	43-1	49199	48487	48377	48688	0.92	cps
Calcium	44-1	787362	781716	776100	781726	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20824	21058	20748	20877	0.77	cps
Cobalt	59-2	18588	18258	18178	18341	1.19	cps
Copper	63-2	31914	31466	31066	31482	1.35	cps
Dysprosium	156-1	12989	12779	12853	12874	0.83	cps
Dysprosium	156-2	10317	9880	10080	10093	2.17	cps
Erbium	164-1	10110	10217	10341	10223	1.13	cps
Erbium	164-2	6435	6565	6718	6573	2.16	cps
Gadolinium	160-1	11848	11895	12289	12011	2.01	cps
Gadolinium	160-2	8403	8226	8096	8241	1.87	cps
Holmium	165-1	3918800	3912433	3888909	3906714	0.40	cps
Holmium	165-2	2601820	2592835	2566776	2587144	0.70	cps
Indium	115-1	2892722	2812963	2880030	2861905	1.50	cps
Indium	115-2	886756	896608	883079	888814	0.79	cps
Iron	56-2	22411991	22251749	22169881	22277874	0.55	cps
Iron	57-2	583909	578420	571754	578028	1.05	cps
Iron	54-2	1281935	1275556	1263895	1273795	0.72	cps
Krypton	83-1	80	70	73	74	6.84	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:23:04	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35861	36519	37134	36504	1.74	cps
Lead	207-1	31510	31119	31430	31353	0.66	cps
Lead	208-1	141967	143246	144370	143194	0.84	cps
Lithium	6-1	712119	705085	700847	706017	0.81	cps
Magnesium	24-2	687802	678442	678584	681609	0.79	cps
Manganese	55-2	544930	548277	543464	545557	0.45	cps
Molybdenum	94-1	5848	5725	5684	5752	1.48	cps
Molybdenum	95-1	390	333	407	377	10.21	cps
Molybdenum	96-1	1643	1617	1583	1615	1.86	cps
Molybdenum	97-1	233	270	233	246	8.62	cps
Molybdenum	98-1	537	607	563	569	6.21	cps
Neodymium	150-1	22879	23106	23196	23060	0.71	cps
Neodymium	150-2	12602	12779	12779	12720	0.80	cps
Nickel	60-2	6902	6675	6481	6686	3.15	cps
Phosphorus	31-2	2564	2370	2490	2475	3.94	cps
Potassium	39-2	292342	291271	289451	291021	0.50	cps
Rhodium	103-1	2545972	2551639	2519322	2538978	0.68	cps
Rhodium	103-2	1369961	1384724	1354046	1369577	1.12	cps
Scandium	45-1	1506429	1496062	1478912	1493801	0.93	cps
Scandium	45-2	127686	129283	125366	127445	1.55	cps
Selenium	82-1	116	107	118	114	5.45	cps
Selenium	77-2	17	33	17	22	43.28	cps
Selenium	78-2	113	83	80	92	19.91	cps
Silicon	28-1	4271213	4316942	4292024	4293393	0.53	cps
Silver	107-1	233	290	253	259	11.10	cps
Silver	109-1	187	243	253	228	15.78	cps
Sodium	23-2	21388	20594	20794	20925	1.97	cps
Strontium	86-1	33174	33234	33114	33174	0.18	cps
Strontium	88-1	289639	291722	290176	290512	0.37	cps
Sulfur	34-1	100484	97277	94728	97496	2.96	cps
Terbium	159-1	4020081	4016851	4023029	4019987	0.08	cps
Terbium	159-2	2551099	2524586	2487596	2521094	1.27	cps
Thallium	203-1	443	333	327	368	17.82	cps
Thallium	205-1	837	837	880	851	2.94	cps
Tin	118-1	3084	2980	2987	3017	1.92	cps
Titanium	47-1	54096	55294	54862	54751	1.11	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:23:04	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3064	3074	2987	3041	1.56	cps
Vanadium	51-2	38148	38475	37811	38145	0.87	cps
Yttrium	89-1	4846731	4835499	4792690	4824974	0.59	cps
Yttrium	89-2	1178504	1186075	1175613	1180064	0.46	cps
Zinc	66-2	11878	11898	11434	11737	2.23	cps
Zirconium	90-1	14861	15041	14814	14905	0.80	cps
Zirconium	91-1	3340	3277	3370	3329	1.43	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:26:25	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1062480	1062393	1056985	1060619	0.30	cps
Antimony	121-1	293	290	277	287	3.08	cps
Arsenic	75-2	1433	1443	1437	1438	0.35	cps
Barium	135-1	154501	156344	154275	155040	0.73	cps
Barium	137-1	267924	268857	267573	268118	0.25	cps
Beryllium	9-1	467	530	447	481	9.04	cps
Bismuth	209-1	2354500	2403634	2304604	2354246	2.10	cps
Bismuth	209-2	1825716	1819462	1832734	1825971	0.36	cps
Bromine	81-1	7355	7292	7435	7361	0.98	cps
Bromine	81-2	163	160	147	157	5.63	cps
Cadmium	108-1	20	13	43	26	61.64	cps
Cadmium	106-1	1430	1373	1273	1359	5.84	cps
Cadmium	111-1	1120	1072	951	1048	8.33	cps
Calcium	43-1	48273	48424	48497	48398	0.24	cps
Calcium	44-1	776487	778012	774832	776444	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23662	24580	23432	23891	2.54	cps
Cobalt	59-2	18378	18381	18178	18312	0.64	cps
Copper	63-2	31259	31767	31466	31498	0.81	cps
Dysprosium	156-1	13150	13113	12846	13036	1.27	cps
Dysprosium	156-2	10367	10007	10154	10176	1.78	cps
Erbium	164-1	10394	10554	10167	10372	1.87	cps
Erbium	164-2	6865	6592	6985	6814	2.96	cps
Gadolinium	160-1	12302	11999	11952	12084	1.57	cps
Gadolinium	160-2	8519	8456	8453	8476	0.44	cps
Holmium	165-1	3972882	3954238	3895486	3940869	1.02	cps
Holmium	165-2	2597353	2595122	2592015	2594830	0.10	cps
Indium	115-1	2793795	2807894	2771746	2791145	0.65	cps
Indium	115-2	893081	888968	888894	890314	0.27	cps
Iron	56-2	22500881	22496081	22121763	22372909	0.97	cps
Iron	57-2	583103	576768	576167	578679	0.66	cps
Iron	54-2	1283371	1267952	1272446	1274590	0.62	cps
Krypton	83-1	77	77	87	80	7.22	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:26:25	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	36796	37425	37315	37179	0.90	cps
Lead	207-1	31530	31580	32034	31715	0.88	cps
Lead	208-1	144696	145797	145605	145366	0.40	cps
Lithium	6-1	697725	696634	690444	694934	0.57	cps
Magnesium	24-2	692069	688615	678534	686406	1.02	cps
Manganese	55-2	541313	541573	541114	541334	0.04	cps
Molybdenum	94-1	5898	5968	5891	5919	0.72	cps
Molybdenum	95-1	353	400	370	374	6.32	cps
Molybdenum	96-1	1753	1757	1803	1771	1.58	cps
Molybdenum	97-1	263	270	330	288	12.76	cps
Molybdenum	98-1	657	663	647	656	1.28	cps
Neodymium	150-1	22855	23112	23253	23073	0.87	cps
Neodymium	150-2	12719	12369	12749	12612	1.68	cps
Nickel	60-2	8026	7112	7419	7519	6.19	cps
Phosphorus	31-2	2327	2430	2377	2378	2.17	cps
Potassium	39-2	294081	294068	289379	292510	0.93	cps
Rhodium	103-1	2501198	2510163	2479530	2496963	0.63	cps
Rhodium	103-2	1374284	1365250	1350217	1363251	0.89	cps
Scandium	45-1	1454645	1464988	1439899	1453177	0.87	cps
Scandium	45-2	126809	127145	127548	127167	0.29	cps
Selenium	82-1	142	132	90	121	22.77	cps
Selenium	77-2	27	33	20	27	24.99	cps
Selenium	78-2	70	123	110	101	27.45	cps
Silicon	28-1	4249522	4281545	4222964	4251344	0.69	cps
Silver	107-1	257	217	227	233	8.92	cps
Silver	109-1	230	193	223	216	9.06	cps
Sodium	23-2	22460	21959	22710	22376	1.71	cps
Strontium	86-1	33485	33645	33538	33556	0.24	cps
Strontium	88-1	293536	294217	292833	293529	0.24	cps
Sulfur	34-1	89926	89074	89215	89405	0.51	cps
Terbium	159-1	3989530	4050443	4017790	4019254	0.76	cps
Terbium	159-2	2540472	2504664	2529149	2524762	0.72	cps
Thallium	203-1	310	340	370	340	8.82	cps
Thallium	205-1	763	857	833	818	5.94	cps
Tin	118-1	2917	2924	2820	2887	2.00	cps
Titanium	47-1	53343	53591	53170	53368	0.40	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:26:25	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2994	3084	3054	3044	1.51	cps
Vanadium	51-2	38984	38476	38422	38627	0.80	cps
Yttrium	89-1	4755750	4688667	4672854	4705757	0.94	cps
Yttrium	89-2	1182052	1171506	1172573	1175377	0.49	cps
Zinc	66-2	11758	11645	11585	11662	0.76	cps
Zirconium	90-1	14544	15161	15161	14956	2.38	cps
Zirconium	91-1	3357	3197	3290	3282	2.45	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 14:29:50	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207749	207391	205578	206906	0.56	cps
Antimony	121-1	77	67	67	70	8.25	cps
Arsenic	75-2	333	293	303	310	6.71	cps
Barium	135-1	29875	29965	30860	30233	1.80	cps
Barium	137-1	52005	52630	52808	52481	0.80	cps
Beryllium	9-1	60	77	153	97	51.50	cps
Bismuth	209-1	2438126	2434328	2411278	2427910	0.60	cps
Bismuth	209-2	1905789	1971835	1864958	1914194	2.82	cps
Bromine	81-1	6708	6982	6855	6848	2.00	cps
Bromine	81-2	70	47	97	71	35.18	cps
Cadmium	108-1	7	10	3	7	50.03	cps
Cadmium	106-1	1140	1363	1257	1253	8.91	cps
Cadmium	111-1	820	981	904	902	8.91	cps
Calcium	43-1	9243	9320	9470	9344	1.23	cps
Calcium	44-1	149713	150861	152921	151165	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4404	4441	4404	4416	0.48	cps
Cobalt	59-2	3780	3654	3460	3632	4.44	cps
Copper	63-2	6875	6645	6685	6735	1.83	cps
Dysprosium	156-1	2537	2480	2520	2512	1.16	cps
Dysprosium	156-2	2087	2084	1950	2040	3.82	cps
Erbium	164-1	1950	1853	2010	1938	4.08	cps
Erbium	164-2	1283	1260	1330	1291	2.76	cps
Gadolinium	160-1	2307	2330	2224	2287	2.45	cps
Gadolinium	160-2	1617	1603	1743	1655	4.67	cps
Holmium	165-1	3882923	3903340	3915826	3900696	0.43	cps
Holmium	165-2	2678542	2681687	2579033	2646421	2.21	cps
Indium	115-1	2817727	2877244	2874962	2856644	1.18	cps
Indium	115-2	914520	924944	905605	915023	1.06	cps
Iron	56-2	4483156	4449850	4381782	4438263	1.16	cps
Iron	57-2	116269	116262	113914	115481	1.18	cps
Iron	54-2	251814	250769	252164	251582	0.29	cps
Krypton	83-1	63	77	67	69	10.08	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 14:29:50	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7249	7429	7512	7397	1.82	cps
Lead	207-1	6198	6205	6338	6247	1.26	cps
Lead	208-1	28425	28682	29283	28797	1.53	cps
Lithium	6-1	691634	694448	697158	694413	0.40	cps
Magnesium	24-2	135097	135463	135067	135209	0.16	cps
Manganese	55-2	109390	107070	107074	107845	1.24	cps
Molybdenum	94-1	1023	1270	1230	1175	11.27	cps
Molybdenum	95-1	93	83	120	99	19.17	cps
Molybdenum	96-1	343	380	373	366	5.34	cps
Molybdenum	97-1	83	67	67	72	13.32	cps
Molybdenum	98-1	97	133	183	138	31.58	cps
Neodymium	150-1	4611	4424	4521	4519	2.07	cps
Neodymium	150-2	2484	2487	2410	2460	1.76	cps
Nickel	60-2	1467	1573	1477	1506	3.91	cps
Phosphorus	31-2	573	547	553	558	2.49	cps
Potassium	39-2	83349	81929	81302	82193	1.28	cps
Rhodium	103-1	2487232	2514830	2530428	2510830	0.87	cps
Rhodium	103-2	1412120	1433106	1398844	1414690	1.22	cps
Scandium	45-1	1439045	1456936	1456548	1450843	0.70	cps
Scandium	45-2	128338	128959	127097	128132	0.74	cps
Selenium	82-1	103	69	91	88	19.82	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	120	93	83	99	19.17	cps
Silicon	28-1	934482	951590	960047	948706	1.37	cps
Silver	107-1	87	73	113	91	22.36	cps
Silver	109-1	40	57	50	49	17.16	cps
Sodium	23-2	12468	12275	12218	12321	1.06	cps
Strontium	86-1	6258	6592	6712	6520	3.60	cps
Strontium	88-1	55842	55591	56923	56119	1.26	cps
Sulfur	34-1	85129	85688	86547	85788	0.83	cps
Terbium	159-1	4037449	3990526	4000290	4009422	0.62	cps
Terbium	159-2	2573031	2603487	2523328	2566616	1.58	cps
Thallium	203-1	97	97	137	110	20.99	cps
Thallium	205-1	210	217	297	241	20.00	cps
Tin	118-1	1243	1253	1317	1271	3.13	cps
Titanium	47-1	9940	10497	10510	10316	3.16	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 14:29:50	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	610	607	653	623	4.18	cps
Vanadium	51-2	7349	7349	7579	7425	1.79	cps
Yttrium	89-1	4603668	4677256	4669545	4650156	0.87	cps
Yttrium	89-2	1179288	1199072	1163149	1180503	1.52	cps
Zinc	66-2	2447	2434	2467	2449	0.69	cps
Zirconium	90-1	2970	3187	3074	3077	3.52	cps
Zirconium	91-1	680	727	670	692	4.37	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:33:11	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1098608	1088508	1090159	1092425	0.50	cps
Antimony	121-1	66101	66596	66020	66239	0.47	cps
Arsenic	75-2	2760	2850	2730	2780	2.25	cps
Barium	135-1	511293	515863	515614	514257	0.50	cps
Barium	137-1	881303	887225	889568	886032	0.48	cps
Beryllium	9-1	6488	6505	6611	6535	1.02	cps
Bismuth	209-1	2424312	2419533	2403857	2415900	0.44	cps
Bismuth	209-2	1844819	1857884	1899027	1867243	1.52	cps
Bromine	81-1	6765	7078	7212	7018	3.27	cps
Bromine	81-2	113	137	133	128	9.88	cps
Cadmium	108-1	637	543	573	584	8.15	cps
Cadmium	106-1	2084	2180	2150	2138	2.31	cps
Cadmium	111-1	9015	9275	9300	9196	1.71	cps
Calcium	43-1	50564	50520	51691	50925	1.30	cps
Calcium	44-1	824360	832023	822370	826251	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69097	69847	68940	69295	0.70	cps
Cobalt	59-2	191680	192015	189986	191227	0.57	cps
Copper	63-2	89811	89411	89136	89453	0.38	cps
Dysprosium	156-1	13537	13974	13984	13831	1.85	cps
Dysprosium	156-2	10998	10931	10808	10912	0.88	cps
Erbium	164-1	11191	10834	10981	11002	1.63	cps
Erbium	164-2	7172	7072	7355	7200	2.00	cps
Gadolinium	160-1	13056	13280	13126	13154	0.87	cps
Gadolinium	160-2	9120	8943	8900	8987	1.30	cps
Holmium	165-1	3905818	3970422	3951569	3942603	0.84	cps
Holmium	165-2	2603777	2630160	2611974	2615304	0.52	cps
Indium	115-1	2872196	2848222	2866052	2862157	0.44	cps
Indium	115-2	901758	898144	902501	900801	0.26	cps
Iron	56-2	23848634	23948195	23653890	23816907	0.63	cps
Iron	57-2	610249	611036	610248	610511	0.07	cps
Iron	54-2	1352602	1348155	1337283	1346013	0.59	cps
Krypton	83-1	73	93	107	91	18.42	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:33:11	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50359	51052	51390	50934	1.03	cps
Lead	207-1	43178	43289	42994	43154	0.34	cps
Lead	208-1	197525	197918	198650	198031	0.29	cps
Lithium	6-1	692955	692006	689102	691354	0.29	cps
Magnesium	24-2	712828	714438	714531	713932	0.13	cps
Manganese	55-2	680428	680435	671086	677316	0.80	cps
Molybdenum	94-1	5941	5344	5995	5760	6.27	cps
Molybdenum	95-1	413	490	473	459	8.79	cps
Molybdenum	96-1	1740	1743	1837	1773	3.09	cps
Molybdenum	97-1	320	293	267	293	9.09	cps
Molybdenum	98-1	750	673	783	736	7.67	cps
Neodymium	150-1	24835	25416	25350	25200	1.26	cps
Neodymium	150-2	14000	13687	13653	13780	1.39	cps
Nickel	60-2	50444	50662	50341	50482	0.32	cps
Phosphorus	31-2	2714	2617	2554	2628	3.07	cps
Potassium	39-2	305778	303612	305230	304873	0.37	cps
Rhodium	103-1	2541744	2499127	2519620	2520164	0.85	cps
Rhodium	103-2	1371816	1389118	1391560	1384165	0.78	cps
Scandium	45-1	1455267	1483525	1452459	1463750	1.17	cps
Scandium	45-2	127699	127332	126162	127065	0.63	cps
Selenium	82-1	1082	1120	1043	1082	3.58	cps
Selenium	77-2	137	130	87	118	23.05	cps
Selenium	78-2	393	467	427	429	8.56	cps
Silicon	28-1	4240416	4281225	4205099	4242247	0.90	cps
Silver	107-1	38066	38752	38230	38349	0.93	cps
Silver	109-1	35847	36219	36299	36122	0.67	cps
Sodium	23-2	21375	21775	22443	21864	2.47	cps
Strontium	86-1	35225	34975	35072	35091	0.36	cps
Strontium	88-1	310320	309978	311168	310489	0.20	cps
Sulfur	34-1	86338	84304	84941	85195	1.22	cps
Terbium	159-1	4094381	4051964	4089687	4078677	0.57	cps
Terbium	159-2	2513902	2543720	2546781	2534801	0.72	cps
Thallium	203-1	30952	31206	31533	31230	0.93	cps
Thallium	205-1	74502	74761	74596	74620	0.18	cps
Tin	118-1	3254	3470	3177	3300	4.61	cps
Titanium	47-1	57525	57930	58492	57983	0.84	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-12DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:33:11	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3367	3354	3214	3312	2.57	cps
Vanadium	51-2	144299	144157	142068	143508	0.87	cps
Yttrium	89-1	4825164	4805438	4737068	4789223	0.97	cps
Yttrium	89-2	1204041	1197737	1204208	1201995	0.31	cps
Zinc	66-2	32368	32318	32549	32412	0.37	cps
Zirconium	90-1	14647	14557	14924	14710	1.30	cps
Zirconium	91-1	3384	3284	3230	3299	2.36	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:36:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1143768	1141547	1138798	1141371	0.22	cps
Antimony	121-1	314157	316681	315345	315394	0.40	cps
Arsenic	75-2	6795	6732	6948	6825	1.63	cps
Barium	135-1	1964165	1942073	1909449	1938563	1.42	cps
Barium	137-1	3334114	3273201	3360683	3322666	1.35	cps
Beryllium	9-1	29404	29097	28930	29144	0.83	cps
Bismuth	209-1	2314243	2347572	2431195	2364337	2.55	cps
Bismuth	209-2	1872265	1887111	1870393	1876590	0.49	cps
Bromine	81-1	7015	6858	6932	6935	1.13	cps
Bromine	81-2	153	133	163	150	10.18	cps
Cadmium	108-1	2614	2700	2544	2619	3.00	cps
Cadmium	106-1	4707	4684	4694	4695	0.25	cps
Cadmium	111-1	39489	38997	39435	39307	0.69	cps
Calcium	43-1	48651	48273	48792	48572	0.55	cps
Calcium	44-1	780124	787192	785740	784352	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	240268	241341	241128	240912	0.24	cps
Cobalt	59-2	832244	829564	830633	830814	0.16	cps
Copper	63-2	302623	301748	301996	302122	0.15	cps
Dysprosium	156-1	13063	13580	13193	13279	2.03	cps
Dysprosium	156-2	10227	10371	10437	10345	1.04	cps
Erbium	164-1	10304	10781	10754	10613	2.53	cps
Erbium	164-2	7352	7155	7245	7251	1.36	cps
Gadolinium	160-1	12853	12532	12446	12610	1.70	cps
Gadolinium	160-2	8729	8773	8583	8695	1.15	cps
Holmium	165-1	3841175	3791021	3866243	3832813	1.00	cps
Holmium	165-2	2610411	2630923	2553394	2598242	1.55	cps
Indium	115-1	2795404	2783183	2903659	2827415	2.35	cps
Indium	115-2	896712	900486	891863	896354	0.48	cps
Iron	56-2	23315362	23215062	23356565	23295663	0.31	cps
Iron	57-2	606289	606789	608091	607057	0.15	cps
Iron	54-2	1340032	1339250	1335577	1338287	0.18	cps
Krypton	83-1	93	80	53	76	26.96	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:36:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	86211	88059	88324	87531	1.32	cps
Lead	207-1	74134	75458	75532	75041	1.05	cps
Lead	208-1	340147	349059	346131	345112	1.32	cps
Lithium	6-1	669119	654688	680580	668129	1.94	cps
Magnesium	24-2	678925	677132	677985	678014	0.13	cps
Manganese	55-2	980723	977853	977420	978665	0.18	cps
Molybdenum	94-1	5328	5661	5638	5542	3.36	cps
Molybdenum	95-1	477	460	470	469	1.79	cps
Molybdenum	96-1	1650	1590	1647	1629	2.07	cps
Molybdenum	97-1	270	300	230	267	13.17	cps
Molybdenum	98-1	687	783	707	726	7.03	cps
Neodymium	150-1	24021	23900	23937	23953	0.26	cps
Neodymium	150-2	13093	12763	13370	13075	2.33	cps
Nickel	60-2	212050	209837	210114	210667	0.57	cps
Phosphorus	31-2	2454	2464	2550	2489	2.14	cps
Potassium	39-2	289339	290419	290504	290087	0.22	cps
Rhodium	103-1	2439720	2392331	2479670	2437240	1.79	cps
Rhodium	103-2	1391838	1381922	1384022	1385927	0.38	cps
Scandium	45-1	1413120	1392632	1428238	1411330	1.27	cps
Scandium	45-2	126486	126630	125169	126095	0.64	cps
Selenium	82-1	4912	4992	4993	4966	0.93	cps
Selenium	77-2	487	470	497	484	2.78	cps
Selenium	78-2	1690	1597	1533	1607	4.91	cps
Silicon	28-1	3981988	4049035	4007292	4012772	0.84	cps
Silver	107-1	180612	183646	182745	182334	0.85	cps
Silver	109-1	174172	175144	175117	174811	0.32	cps
Sodium	23-2	21799	21682	23478	22320	4.50	cps
Strontium	86-1	33902	33515	33268	33562	0.95	cps
Strontium	88-1	294568	295012	297879	295820	0.61	cps
Sulfur	34-1	83902	82421	81734	82685	1.34	cps
Terbium	159-1	3931153	3893017	3952427	3925532	0.77	cps
Terbium	159-2	2571510	2581837	2560225	2571191	0.42	cps
Thallium	203-1	146615	149348	148978	148314	1.00	cps
Thallium	205-1	347482	355446	354008	352312	1.20	cps
Tin	118-1	3330	3327	3287	3315	0.73	cps
Titanium	47-1	54464	55712	55876	55351	1.40	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2827-10MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5Y3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 14:36:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2920	3150	3154	3075	4.35	cps
Vanadium	51-2	522704	523786	523990	523493	0.13	cps
Yttrium	89-1	4634968	4592159	4731558	4652895	1.53	cps
Yttrium	89-2	1198040	1197903	1190968	1195637	0.34	cps
Zinc	66-2	105600	105959	107930	106496	1.18	cps
Zirconium	90-1	13670	14197	13767	13878	2.02	cps
Zirconium	91-1	3090	3264	3117	3157	2.96	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV095	Instrumnet Name :	P7
Client Sample ID :	CCV095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:44:37	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3959202	4021423	3995113	3991912	0.78	cps
Antimony	121-1	1926832	1960964	1990488	1959428	1.63	cps
Arsenic	75-2	82112	83057	83386	82851	0.80	cps
Barium	135-1	2749894	2790982	2815322	2785399	1.19	cps
Barium	137-1	4785009	4774175	4817695	4792293	0.47	cps
Beryllium	9-1	339097	345340	350671	345036	1.68	cps
Bismuth	209-1	2162861	2118907	2196749	2159506	1.81	cps
Bismuth	209-2	1506409	1501887	1522116	1510137	0.70	cps
Bromine	81-1	6268	6285	6175	6242	0.95	cps
Bromine	81-2	17	43	20	27	54.47	cps
Cadmium	108-1	32553	33833	33833	33406	2.21	cps
Cadmium	106-1	49497	49528	49916	49647	0.47	cps
Cadmium	111-1	439097	446651	452363	446037	1.49	cps
Calcium	43-1	2325753	2391294	2423470	2380173	2.09	cps
Calcium	44-1	37146256	37750601	38118235	37671697	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	665865	664018	668385	666089	0.33	cps
Cobalt	59-2	1043446	1041241	1050028	1044905	0.44	cps
Copper	63-2	7110194	7044593	7092840	7082542	0.48	cps
Dysprosium	156-1	117	123	120	120	2.78	cps
Dysprosium	156-2	113	137	170	140	20.34	cps
Erbium	164-1	93	100	103	99	5.15	cps
Erbium	164-2	77	77	47	67	25.98	cps
Gadolinium	160-1	97	60	87	81	23.37	cps
Gadolinium	160-2	163	187	173	174	6.71	cps
Holmium	165-1	3708135	3755849	3738197	3734060	0.65	cps
Holmium	165-2	2501918	2531700	2566985	2533534	1.29	cps
Indium	115-1	2543264	2542556	2538386	2541402	0.10	cps
Indium	115-2	811606	807876	817602	812361	0.60	cps
Iron	56-2	146483298	146807731	147490161	146927063	0.35	cps
Iron	57-2	3663369	3605683	3614224	3627759	0.86	cps
Iron	54-2	7980877	8065522	8024447	8023615	0.53	cps
Krypton	83-1	77	73	53	68	18.62	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV095	Instrumnet Name :	P7
Client Sample ID :	CCV095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:44:37	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8215247	8279585	8450896	8315242	1.46	cps
Lead	207-1	7170109	7318348	7417096	7301851	1.70	cps
Lead	208-1	32757755	33233826	33748036	33246539	1.49	cps
Lithium	6-1	607561	618126	623113	616267	1.29	cps
Magnesium	24-2	32141449	31783092	32380654	32101731	0.94	cps
Manganese	55-2	5170185	5204218	5251872	5208758	0.79	cps
Molybdenum	94-1	6908839	6929293	6982134	6940089	0.54	cps
Molybdenum	95-1	9954810	10182090	10129118	10088673	1.18	cps
Molybdenum	96-1	11012912	11206212	11180413	11133179	0.94	cps
Molybdenum	97-1	6259701	6405357	6451097	6372052	1.57	cps
Molybdenum	98-1	16257515	16705506	16612325	16525115	1.43	cps
Neodymium	150-1	323	257	297	292	11.48	cps
Neodymium	150-2	87	63	100	83	22.27	cps
Nickel	60-2	253322	252590	254284	253399	0.34	cps
Phosphorus	31-2	38532	39464	38802	38933	1.23	cps
Potassium	39-2	20052357	20031113	20163613	20082361	0.35	cps
Rhodium	103-1	2135263	2138564	2157719	2143849	0.57	cps
Rhodium	103-2	1218401	1213225	1235641	1222422	0.96	cps
Scandium	45-1	1311172	1290442	1320714	1307443	1.18	cps
Scandium	45-2	118267	116943	118381	117864	0.68	cps
Selenium	82-1	24693	24553	24962	24736	0.84	cps
Selenium	77-2	2427	2510	2690	2542	5.29	cps
Selenium	78-2	7919	8366	8039	8108	2.85	cps
Silicon	28-1	1468721	1514286	1535674	1506227	2.27	cps
Silver	107-1	2180546	2193192	2212514	2195417	0.73	cps
Silver	109-1	2048128	2090054	2099550	2079244	1.32	cps
Sodium	23-2	53662969	53800841	54557468	54007093	0.89	cps
Strontium	86-1	14796909	15075105	14967544	14946519	0.94	cps
Strontium	88-1	131047621	131538225	132223655	131603167	0.45	cps
Sulfur	34-1	227305	230824	235301	231143	1.73	cps
Terbium	159-1	3746105	3825307	3805178	3792197	1.09	cps
Terbium	159-2	2486356	2456267	2456463	2466362	0.70	cps
Thallium	203-1	1987126	2041784	2079265	2036058	2.28	cps
Thallium	205-1	4796495	4944563	5006757	4915938	2.20	cps
Tin	118-1	1695118	1715401	1738268	1716263	1.26	cps
Titanium	47-1	2244466	2312855	2347538	2301620	2.28	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV095	Instrumnet Name :	P7
Client Sample ID :	CCV095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:44:37	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6799560	6924991	6961380	6895310	1.23	cps
Vanadium	51-2	607091	613031	615330	611817	0.69	cps
Yttrium	89-1	4235129	4228543	4276569	4246747	0.61	cps
Yttrium	89-2	1085997	1085365	1094876	1088746	0.49	cps
Zinc	66-2	1186217	1198684	1199876	1194926	0.63	cps
Zirconium	90-1	3122949	3128011	3175597	3142186	0.92	cps
Zirconium	91-1	685264	693965	702511	693913	1.24	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB095	Instrumnet Name :	P7
Client Sample ID :	CCB095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:50:48	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	160	150	147	10.41	cps
Antimony	121-1	437	450	517	468	9.16	cps
Arsenic	75-2	10	3	0	4	114.60	cps
Barium	135-1	60	53	43	52	16.07	cps
Barium	137-1	103	33	77	71	49.68	cps
Beryllium	9-1	123	180	133	146	20.78	cps
Bismuth	209-1	2518731	2569695	2524898	2537775	1.10	cps
Bismuth	209-2	1973330	1960886	1996397	1976871	0.91	cps
Bromine	81-1	6708	6652	6568	6643	1.06	cps
Bromine	81-2	37	57	20	38	48.60	cps
Cadmium	108-1	0	7	0	2	173.21	cps
Cadmium	106-1	1387	1460	1267	1371	7.12	cps
Cadmium	111-1	994	1027	917	979	5.80	cps
Calcium	43-1	170	120	133	141	18.35	cps
Calcium	44-1	3030	3217	3124	3124	2.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	303	207	230	247	20.45	cps
Cobalt	59-2	37	77	53	56	36.17	cps
Copper	63-2	817	763	777	786	3.53	cps
Dysprosium	156-1	7	0	3	3	100.05	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	40	13	27	27	50.01	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	13	0	7	7	99.98	cps
Gadolinium	160-2	127	80	127	111	24.25	cps
Holmium	165-1	4044559	4091739	4042404	4059567	0.69	cps
Holmium	165-2	2722597	2698520	2718822	2713313	0.48	cps
Indium	115-1	2926944	2969243	2954049	2950078	0.73	cps
Indium	115-2	924153	916679	920368	920400	0.41	cps
Iron	56-2	8432	8479	8389	8434	0.53	cps
Iron	57-2	587	660	617	621	5.94	cps
Iron	54-2	1043	960	910	971	6.94	cps
Krypton	83-1	43	83	63	63	31.58	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB095	Instrumnet Name :	P7
Client Sample ID :	CCB095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:50:48	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	507	430	447	461	8.74	cps
Lead	207-1	393	370	490	418	15.23	cps
Lead	208-1	1933	1840	1993	1922	4.02	cps
Lithium	6-1	721883	722649	715133	719888	0.57	cps
Magnesium	24-2	1870	1817	1683	1790	5.37	cps
Manganese	55-2	160	163	193	172	10.66	cps
Molybdenum	94-1	407	327	290	341	17.49	cps
Molybdenum	95-1	273	233	307	271	13.54	cps
Molybdenum	96-1	267	267	300	278	6.93	cps
Molybdenum	97-1	167	177	153	166	7.07	cps
Molybdenum	98-1	333	370	340	348	5.62	cps
Neodymium	150-1	3	10	3	6	69.34	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	87	53	57	66	28.01	cps
Phosphorus	31-2	120	133	117	123	7.15	cps
Potassium	39-2	31269	32077	30758	31368	2.12	cps
Rhodium	103-1	2573957	2600029	2567026	2580337	0.67	cps
Rhodium	103-2	1438758	1424841	1432224	1431941	0.49	cps
Scandium	45-1	1462007	1504972	1456010	1474329	1.81	cps
Scandium	45-2	128284	128126	129064	128491	0.39	cps
Selenium	82-1	110	76	101	96	18.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	97	83	93	91	7.62	cps
Silicon	28-1	166577	169246	168326	168050	0.81	cps
Silver	107-1	87	143	70	100	38.44	cps
Silver	109-1	113	103	100	106	6.58	cps
Sodium	23-2	13686	13583	13132	13467	2.19	cps
Strontium	86-1	290	293	340	308	9.08	cps
Strontium	88-1	1737	1623	1530	1630	6.35	cps
Sulfur	34-1	108750	108596	107709	108352	0.52	cps
Terbium	159-1	4201372	4087922	4134864	4141386	1.38	cps
Terbium	159-2	2609233	2607205	2651725	2622721	0.96	cps
Thallium	203-1	203	167	210	193	12.07	cps
Thallium	205-1	463	417	460	447	5.83	cps
Tin	118-1	837	810	800	816	2.32	cps
Titanium	47-1	67	90	53	70	26.51	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB095	Instrumnet Name :	P7
Client Sample ID :	CCB095	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 14:50:48	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73	87	83	81	8.56	cps
Vanadium	51-2	13	13	10	12	15.73	cps
Yttrium	89-1	4694389	4722526	4721336	4712751	0.34	cps
Yttrium	89-2	1184986	1174633	1184060	1181226	0.48	cps
Zinc	66-2	110	103	107	107	3.12	cps
Zirconium	90-1	630	547	533	570	9.19	cps
Zirconium	91-1	107	110	113	110	3.03	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	103	103	112	13.72	cps
Antimony	121-1	37	70	73	60	33.79	cps
Arsenic	75-2	0	10	0	3	173.21	cps
Barium	135-1	23	47	43	38	33.41	cps
Barium	137-1	53	40	57	50	17.64	cps
Beryllium	9-1	40	67	33	47	37.80	cps
Bismuth	209-1	2410124	2365872	2327218	2367738	1.75	cps
Bismuth	209-2	1852200	1787633	1855559	1831798	2.09	cps
Bromine	81-1	6932	6642	7062	6878	3.13	cps
Bromine	81-2	30	43	43	39	19.79	cps
Cadmium	108-1	0	7	0	2	173.21	cps
Cadmium	106-1	1233	1300	1133	1222	6.86	cps
Cadmium	111-1	867	919	793	860	7.33	cps
Calcium	43-1	157	140	140	146	6.61	cps
Calcium	44-1	2527	2400	2644	2524	4.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253	237	233	241	4.44	cps
Cobalt	59-2	20	20	13	18	21.66	cps
Copper	63-2	543	523	570	546	4.29	cps
Dysprosium	156-1	3	10	7	7	50.03	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	23	17	3	14	70.51	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	3	7	3	4	43.40	cps
Gadolinium	160-2	117	90	150	119	25.29	cps
Holmium	165-1	4038287	3877738	3909783	3941936	2.16	cps
Holmium	165-2	2657211	2539497	2625166	2607291	2.33	cps
Indium	115-1	2893952	2854330	2878552	2875611	0.69	cps
Indium	115-2	914349	894015	900375	902913	1.15	cps
Iron	56-2	4951	5024	4908	4961	1.19	cps
Iron	57-2	467	527	520	504	6.52	cps
Iron	54-2	837	707	760	768	8.51	cps
Krypton	83-1	87	60	77	74	18.10	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	217	157	167	180	17.86	cps
Lead	207-1	187	120	130	146	24.70	cps
Lead	208-1	733	623	683	680	8.10	cps
Lithium	6-1	692796	688048	696139	692328	0.59	cps
Magnesium	24-2	1570	1477	1593	1547	3.99	cps
Manganese	55-2	93	80	60	78	21.57	cps
Molybdenum	94-1	70	97	87	84	15.95	cps
Molybdenum	95-1	40	33	30	34	14.78	cps
Molybdenum	96-1	33	23	60	39	48.75	cps
Molybdenum	97-1	3	27	10	13	90.16	cps
Molybdenum	98-1	43	33	53	43	23.08	cps
Neodymium	150-1	3	3	3	3	0.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	73	47	50	57	25.64	cps
Phosphorus	31-2	90	103	80	91	12.85	cps
Potassium	39-2	30815	31195	31125	31045	0.65	cps
Rhodium	103-1	2539183	2519392	2586361	2548312	1.35	cps
Rhodium	103-2	1419725	1377667	1396008	1397800	1.51	cps
Scandium	45-1	1483077	1462156	1502929	1482721	1.38	cps
Scandium	45-2	129585	125854	127904	127781	1.46	cps
Selenium	82-1	55	99	97	84	29.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	100	87	91	8.45	cps
Silicon	28-1	168282	168413	169314	168670	0.33	cps
Silver	107-1	33	27	33	31	12.36	cps
Silver	109-1	10	7	13	10	33.30	cps
Sodium	23-2	7589	7685	7815	7696	1.48	cps
Strontium	86-1	130	150	110	130	15.38	cps
Strontium	88-1	147	133	87	122	25.78	cps
Sulfur	34-1	112037	114394	114458	113630	1.21	cps
Terbium	159-1	4002130	3898500	4082683	3994437	2.31	cps
Terbium	159-2	2535815	2542500	2528647	2535654	0.27	cps
Thallium	203-1	47	20	53	40	44.09	cps
Thallium	205-1	107	93	70	90	20.62	cps
Tin	118-1	703	857	867	809	11.32	cps
Titanium	47-1	40	47	53	47	14.28	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BL	Instrumnet Name :	P7
Client Sample ID :	PBS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:25:58	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3	7	13	8	65.47	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	4749196	4601892	4669007	4673365	1.58	cps
Yttrium	89-2	1176604	1152021	1154105	1160910	1.17	cps
Zinc	66-2	93	77	93	88	10.96	cps
Zirconium	90-1	183	273	170	209	26.91	cps
Zirconium	91-1	50	50	40	47	12.37	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:29:20	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3584	3574	3677	3612	1.58	cps
Antimony	121-1	16166	16590	16670	16475	1.64	cps
Arsenic	75-2	380	443	360	394	11.03	cps
Barium	135-1	21660	21373	21857	21630	1.13	cps
Barium	137-1	37476	37810	37576	37621	0.46	cps
Beryllium	9-1	1453	1660	1580	1565	6.66	cps
Bismuth	209-1	2447617	2464969	2456404	2456330	0.35	cps
Bismuth	209-2	1890218	1885179	1919591	1898329	0.98	cps
Bromine	81-1	6912	7042	6935	6963	1.00	cps
Bromine	81-2	47	53	37	46	18.41	cps
Cadmium	108-1	157	183	137	159	14.74	cps
Cadmium	106-1	1643	1567	1610	1607	2.39	cps
Cadmium	111-1	3194	3115	3282	3197	2.60	cps
Calcium	43-1	10580	10620	10640	10614	0.29	cps
Calcium	44-1	171028	174164	174666	173286	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6568	6715	6888	6724	2.38	cps
Cobalt	59-2	4737	4427	4491	4552	3.60	cps
Copper	63-2	6748	6812	7008	6856	1.98	cps
Dysprosium	156-1	10	10	0	7	86.60	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	17	13	17	16	12.40	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	17	3	10	10	66.70	cps
Gadolinium	160-2	123	110	103	112	9.08	cps
Holmium	165-1	4067320	3964380	4046217	4025972	1.35	cps
Holmium	165-2	2619161	2580539	2614986	2604895	0.81	cps
Indium	115-1	2941188	2927085	2941057	2936443	0.28	cps
Indium	115-2	913713	907157	908944	909938	0.37	cps
Iron	56-2	559005	556151	557853	557670	0.26	cps
Iron	57-2	14377	14534	14564	14492	0.69	cps
Iron	54-2	30457	30828	30691	30659	0.61	cps
Krypton	83-1	73	77	87	79	8.80	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:29:20	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6622	6588	6705	6638	0.91	cps
Lead	207-1	5571	5901	5695	5722	2.92	cps
Lead	208-1	26177	26647	26340	26388	0.91	cps
Lithium	6-1	697842	696277	703491	699203	0.54	cps
Magnesium	24-2	154160	151820	152470	152817	0.79	cps
Manganese	55-2	2534	2650	2527	2570	2.70	cps
Molybdenum	94-1	16226	16443	16296	16321	0.68	cps
Molybdenum	95-1	19743	19450	19513	19569	0.79	cps
Molybdenum	96-1	22120	21716	22077	21971	1.01	cps
Molybdenum	97-1	12255	12232	12202	12230	0.22	cps
Molybdenum	98-1	32182	32085	31357	31875	1.41	cps
Neodymium	150-1	0	0	10	3	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1330	1193	1233	1252	5.61	cps
Phosphorus	31-2	83	113	87	94	17.41	cps
Potassium	39-2	216251	215967	214621	215613	0.40	cps
Rhodium	103-1	2640926	2583256	2596976	2607052	1.16	cps
Rhodium	103-2	1422612	1413905	1426953	1421157	0.47	cps
Scandium	45-1	1524089	1473130	1456089	1484436	2.38	cps
Scandium	45-2	127353	127800	128957	128036	0.65	cps
Selenium	82-1	685	664	650	666	2.59	cps
Selenium	77-2	50	67	53	57	15.57	cps
Selenium	78-2	313	280	307	300	5.88	cps
Silicon	28-1	208425	209666	208119	208737	0.39	cps
Silver	107-1	9480	9923	9807	9737	2.36	cps
Silver	109-1	8706	8876	8966	8849	1.49	cps
Sodium	23-2	248598	248595	247173	248122	0.33	cps
Strontium	86-1	2740	2807	2684	2744	2.25	cps
Strontium	88-1	22998	22891	22474	22788	1.22	cps
Sulfur	34-1	116372	117232	116023	116542	0.53	cps
Terbium	159-1	4051833	4071961	4027084	4050293	0.55	cps
Terbium	159-2	2577425	2607524	2589273	2591407	0.59	cps
Thallium	203-1	7519	7996	7829	7781	3.11	cps
Thallium	205-1	18326	18990	18466	18594	1.88	cps
Tin	118-1	1387	957	963	1102	22.38	cps
Titanium	47-1	4764	4731	4884	4793	1.68	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BS	Instrumnet Name :	P7
Client Sample ID :	LCS818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:29:20	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24386	23851	24509	24249	1.44	cps
Vanadium	51-2	13129	12836	13199	13055	1.48	cps
Yttrium	89-1	4799439	4776290	4734900	4770210	0.69	cps
Yttrium	89-2	1182398	1169069	1168745	1173404	0.66	cps
Zinc	66-2	2684	2827	2707	2739	2.81	cps
Zirconium	90-1	14060	14114	13450	13874	2.66	cps
Zirconium	91-1	3267	3054	2904	3075	5.94	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:32:44	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1977	1913	1843	1911	3.49	cps
Antimony	121-1	8246	8753	8202	8400	3.64	cps
Arsenic	75-2	233	163	180	192	19.02	cps
Barium	135-1	10911	11001	11138	11017	1.04	cps
Barium	137-1	18606	18816	18782	18735	0.60	cps
Beryllium	9-1	940	840	923	901	5.95	cps
Bismuth	209-1	2417454	2400747	2371681	2396627	0.97	cps
Bismuth	209-2	1881406	1898040	1841959	1873802	1.54	cps
Bromine	81-1	6782	6775	6998	6852	1.86	cps
Bromine	81-2	60	27	20	36	60.27	cps
Cadmium	108-1	93	70	80	81	14.43	cps
Cadmium	106-1	1457	1500	1397	1451	3.58	cps
Cadmium	111-1	2271	2184	2068	2175	4.68	cps
Calcium	43-1	5464	5548	5548	5520	0.87	cps
Calcium	44-1	88888	89448	89073	89136	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3560	3710	3524	3598	2.75	cps
Cobalt	59-2	2144	2137	2517	2266	9.60	cps
Copper	63-2	4041	3707	3694	3814	5.15	cps
Dysprosium	156-1	7	13	3	8	65.47	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	20	20	33	24	31.49	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	17	7	3	9	78.08	cps
Gadolinium	160-2	113	120	120	118	3.26	cps
Holmium	165-1	3938816	3969488	3822246	3910183	1.99	cps
Holmium	165-2	2537876	2568491	2542794	2549721	0.64	cps
Indium	115-1	2862698	2853126	2911873	2875899	1.10	cps
Indium	115-2	896351	894955	888779	893362	0.45	cps
Iron	56-2	282587	281098	281360	281682	0.28	cps
Iron	57-2	7245	7465	7812	7507	3.81	cps
Iron	54-2	15995	16172	16362	16177	1.13	cps
Krypton	83-1	87	80	70	79	10.64	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:32:44	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3434	3457	3551	3480	1.77	cps
Lead	207-1	3147	3030	2880	3019	4.43	cps
Lead	208-1	14100	13576	13663	13780	2.04	cps
Lithium	6-1	695435	701013	696520	697656	0.42	cps
Magnesium	24-2	77483	78616	78583	78227	0.82	cps
Manganese	55-2	1263	1320	1133	1239	7.73	cps
Molybdenum	94-1	8212	8483	8186	8294	1.98	cps
Molybdenum	95-1	9947	9893	9837	9892	0.56	cps
Molybdenum	96-1	10924	11268	11168	11120	1.59	cps
Molybdenum	97-1	6481	6315	6138	6311	2.72	cps
Molybdenum	98-1	16069	16329	16373	16257	1.01	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	597	650	717	654	9.19	cps
Phosphorus	31-2	67	73	87	76	13.48	cps
Potassium	39-2	122944	123291	124766	123667	0.78	cps
Rhodium	103-1	2544323	2578448	2539288	2554020	0.83	cps
Rhodium	103-2	1405160	1409084	1379272	1397839	1.16	cps
Scandium	45-1	1444224	1488925	1453563	1462237	1.61	cps
Scandium	45-2	125861	125918	125054	125611	0.38	cps
Selenium	82-1	381	393	414	396	4.19	cps
Selenium	77-2	53	37	17	36	51.62	cps
Selenium	78-2	147	227	257	210	27.08	cps
Silicon	28-1	186199	185585	189894	187226	1.24	cps
Silver	107-1	5024	4791	5104	4973	3.27	cps
Silver	109-1	4704	4834	4704	4747	1.58	cps
Sodium	23-2	130279	127737	128978	128998	0.99	cps
Strontium	86-1	1617	1370	1530	1506	8.31	cps
Strontium	88-1	11771	11822	12182	11925	1.88	cps
Sulfur	34-1	118569	116386	115778	116911	1.26	cps
Terbium	159-1	3987634	4089875	3999032	4025513	1.39	cps
Terbium	159-2	2507255	2519535	2490281	2505690	0.59	cps
Thallium	203-1	3981	3921	3987	3963	0.93	cps
Thallium	205-1	9300	9647	9697	9548	2.26	cps
Tin	118-1	983	853	963	933	7.50	cps
Titanium	47-1	2520	2290	2434	2415	4.81	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	PB163818BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD818	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:32:44	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12166	12399	12379	12315	1.05	cps
Vanadium	51-2	6595	6758	6465	6606	2.23	cps
Yttrium	89-1	4650830	4714522	4627404	4664252	0.97	cps
Yttrium	89-2	1157230	1150558	1150211	1152666	0.34	cps
Zinc	66-2	1433	1477	1433	1448	1.73	cps
Zirconium	90-1	7255	6925	7279	7153	2.76	cps
Zirconium	91-1	1710	1637	1493	1613	6.83	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:55:00	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3344744	3275415	3256717	3292292	1.41	cps
Antimony	121-1	1890	1900	1987	1926	2.76	cps
Arsenic	75-2	9670	9750	9997	9806	1.74	cps
Barium	135-1	427367	435876	424978	429407	1.33	cps
Barium	137-1	745557	747927	727905	740463	1.48	cps
Beryllium	9-1	1147	1277	1317	1247	7.13	cps
Bismuth	209-1	2465045	2522932	2541066	2509681	1.58	cps
Bismuth	209-2	1854557	1887648	1849315	1863840	1.12	cps
Bromine	81-1	9370	9290	9476	9379	1.00	cps
Bromine	81-2	367	327	427	373	13.48	cps
Cadmium	108-1	133	163	173	157	13.29	cps
Cadmium	106-1	1767	1700	1700	1722	2.24	cps
Cadmium	111-1	2657	2569	2662	2629	1.99	cps
Calcium	43-1	218135	219619	214342	217365	1.25	cps
Calcium	44-1	3268058	3306988	3232140	3269062	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84361	84076	83784	84074	0.34	cps
Cobalt	59-2	75431	75930	74698	75353	0.82	cps
Copper	63-2	206443	206616	202693	205251	1.08	cps
Dysprosium	156-1	38576	40033	38763	39124	2.03	cps
Dysprosium	156-2	29140	29965	29641	29582	1.41	cps
Erbium	164-1	32070	32832	33112	32672	1.65	cps
Erbium	164-2	20872	20258	20622	20584	1.50	cps
Gadolinium	160-1	38182	37758	37219	37720	1.28	cps
Gadolinium	160-2	24498	25052	24972	24841	1.21	cps
Holmium	165-1	4182384	4278004	4053061	4171150	2.71	cps
Holmium	165-2	2621715	2686873	2657306	2655298	1.23	cps
Indium	115-1	3011955	3101478	2980694	3031376	2.07	cps
Indium	115-2	895899	911026	891969	899632	1.12	cps
Iron	56-2	82972735	82467975	81819927	82420213	0.70	cps
Iron	57-2	2063159	2036504	2040373	2046679	0.70	cps
Iron	54-2	4561359	4432688	4424093	4472713	1.72	cps
Krypton	83-1	137	103	123	121	13.86	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:55:00	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	493405	508829	498148	500128	1.58	cps
Lead	207-1	425856	430534	424176	426855	0.77	cps
Lead	208-1	1951170	1974316	1966232	1963906	0.60	cps
Lithium	6-1	715337	727236	721107	721227	0.83	cps
Magnesium	24-2	2611202	2579684	2546045	2578977	1.26	cps
Manganese	55-2	1756207	1749746	1744929	1750294	0.32	cps
Molybdenum	94-1	20241	20281	20307	20276	0.17	cps
Molybdenum	95-1	1943	1957	1863	1921	2.63	cps
Molybdenum	96-1	6662	6758	6145	6522	5.06	cps
Molybdenum	97-1	1230	1080	1130	1147	6.66	cps
Molybdenum	98-1	3140	3277	3000	3139	4.41	cps
Neodymium	150-1	67179	68167	68371	67906	0.94	cps
Neodymium	150-2	35762	35926	36661	36116	1.33	cps
Nickel	60-2	28474	28166	27636	28092	1.51	cps
Phosphorus	31-2	11755	11384	11448	11529	1.72	cps
Potassium	39-2	1419085	1376884	1397833	1397934	1.51	cps
Rhodium	103-1	2665787	2716229	2611292	2664436	1.97	cps
Rhodium	103-2	1391284	1413179	1389844	1398102	0.94	cps
Scandium	45-1	1656536	1655545	1609304	1640462	1.65	cps
Scandium	45-2	134184	136115	133116	134472	1.13	cps
Selenium	82-1	146	178	125	150	17.95	cps
Selenium	77-2	103	77	67	82	23.05	cps
Selenium	78-2	170	147	133	150	12.37	cps
Silicon	28-1	17907582	18372656	17776155	18018798	1.74	cps
Silver	107-1	4164	4504	4374	4347	3.95	cps
Silver	109-1	4101	4204	4017	4107	2.28	cps
Sodium	23-2	98341	98620	97331	98097	0.69	cps
Strontium	86-1	149200	150921	147066	149062	1.30	cps
Strontium	88-1	1322047	1320345	1305245	1315879	0.70	cps
Sulfur	34-1	133077	128737	125880	129231	2.80	cps
Terbium	159-1	4277551	4355982	4211906	4281813	1.68	cps
Terbium	159-2	2568412	2641398	2574176	2594662	1.56	cps
Thallium	203-1	1237	1397	1247	1293	6.93	cps
Thallium	205-1	3374	3300	3214	3296	2.43	cps
Tin	118-1	9550	9500	9500	9517	0.30	cps
Titanium	47-1	267895	271386	262082	267121	1.76	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:55:00	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13036	12876	12806	12906	0.91	cps
Vanadium	51-2	138808	137432	138290	138176	0.50	cps
Yttrium	89-1	5363880	5462637	5375699	5400738	1.00	cps
Yttrium	89-2	1275347	1295434	1271388	1280723	1.01	cps
Zinc	66-2	101515	100542	100032	100696	0.75	cps
Zirconium	90-1	50787	52580	51664	51677	1.73	cps
Zirconium	91-1	11428	11708	11775	11637	1.58	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:58:14	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3251434	3268783	3236222	3252146	0.50	cps
Antimony	121-1	1907	1970	2013	1963	2.73	cps
Arsenic	75-2	9903	9773	9486	9721	2.19	cps
Barium	135-1	432819	430652	426518	429996	0.74	cps
Barium	137-1	737138	737942	736363	737148	0.11	cps
Beryllium	9-1	1180	1280	1210	1223	4.19	cps
Bismuth	209-1	2446749	2400568	2469797	2439038	1.45	cps
Bismuth	209-2	1886025	1861138	1410345	1719169	15.57	cps
Bromine	81-1	8466	8462	8949	8626	3.25	cps
Bromine	81-2	400	410	413	408	1.70	cps
Cadmium	108-1	207	187	133	176	21.59	cps
Cadmium	106-1	1517	1517	1497	1510	0.76	cps
Cadmium	111-1	2470	2461	2444	2459	0.54	cps
Calcium	43-1	210877	211300	210249	210809	0.25	cps
Calcium	44-1	3202382	3160237	3165505	3176041	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83925	84357	82005	83429	1.50	cps
Cobalt	59-2	74484	74755	73438	74226	0.94	cps
Copper	63-2	204385	205501	205548	205145	0.32	cps
Dysprosium	156-1	39810	40438	39579	39942	1.11	cps
Dysprosium	156-2	30239	29979	29621	29946	1.04	cps
Erbium	164-1	33059	33123	32748	32977	0.61	cps
Erbium	164-2	20322	20906	20562	20596	1.43	cps
Gadolinium	160-1	37547	37881	37520	37649	0.53	cps
Gadolinium	160-2	25082	24912	25012	25002	0.34	cps
Holmium	165-1	4130475	4096906	4045569	4090983	1.05	cps
Holmium	165-2	2683422	2659536	2239845	2527601	9.87	cps
Indium	115-1	2879747	2894972	2866971	2880563	0.49	cps
Indium	115-2	900221	886933	757538	848231	9.29	cps
Iron	56-2	82640484	81379404	81713327	81911072	0.80	cps
Iron	57-2	2009383	2043470	2034408	2029087	0.87	cps
Iron	54-2	4440903	4488017	4477703	4468874	0.55	cps
Krypton	83-1	97	97	117	103	11.17	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:58:14	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	509974	507973	500753	506233	0.96	cps
Lead	207-1	428938	434402	429009	430783	0.73	cps
Lead	208-1	1977740	1982636	1990780	1983719	0.33	cps
Lithium	6-1	696388	694846	703479	698238	0.66	cps
Magnesium	24-2	2563392	2554504	2506070	2541322	1.21	cps
Manganese	55-2	1764738	1753973	1731307	1750006	0.98	cps
Molybdenum	94-1	19466	20211	20214	19964	2.16	cps
Molybdenum	95-1	1913	2134	1877	1975	7.03	cps
Molybdenum	96-1	6165	6295	6155	6205	1.26	cps
Molybdenum	97-1	1163	1073	1193	1143	5.46	cps
Molybdenum	98-1	3050	3087	2994	3044	1.55	cps
Neodymium	150-1	67433	67819	68589	67947	0.87	cps
Neodymium	150-2	36878	36771	36698	36782	0.25	cps
Nickel	60-2	27923	27893	28090	27968	0.38	cps
Phosphorus	31-2	11514	11601	11281	11465	1.44	cps
Potassium	39-2	1423501	1414187	1380584	1406091	1.61	cps
Rhodium	103-1	2507391	2467266	2500566	2491741	0.86	cps
Rhodium	103-2	1384664	1376209	1180030	1313634	8.81	cps
Scandium	45-1	1538568	1551366	1535431	1541788	0.55	cps
Scandium	45-2	131800	132349	111942	125364	9.27	cps
Selenium	82-1	187	138	148	158	16.61	cps
Selenium	77-2	107	100	107	104	3.69	cps
Selenium	78-2	180	153	133	156	15.05	cps
Silicon	28-1	17271712	17291163	17041936	17201604	0.81	cps
Silver	107-1	4194	4344	4404	4314	2.51	cps
Silver	109-1	4017	4021	4064	4034	0.65	cps
Sodium	23-2	100404	100871	100800	100692	0.25	cps
Strontium	86-1	148631	149231	147082	148315	0.75	cps
Strontium	88-1	1301010	1293599	1303299	1299303	0.39	cps
Sulfur	34-1	113760	111997	107213	110990	3.05	cps
Terbium	159-1	4101967	4116688	4113440	4110698	0.19	cps
Terbium	159-2	2613045	2584673	2192872	2463530	9.53	cps
Thallium	203-1	1320	1377	1517	1405	7.21	cps
Thallium	205-1	2974	3137	3447	3186	7.55	cps
Tin	118-1	9717	9860	9954	9843	1.21	cps
Titanium	47-1	260188	262093	258539	260273	0.68	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 15:58:14	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12990	13443	13824	13419	3.11	cps
Vanadium	51-2	137964	138858	138845	138556	0.37	cps
Yttrium	89-1	5109911	5094994	5206093	5136999	1.17	cps
Yttrium	89-2	1277506	1267510	1087977	1210997	8.81	cps
Zinc	66-2	100186	100737	101549	100824	0.68	cps
Zirconium	90-1	50981	51550	50366	50966	1.16	cps
Zirconium	91-1	11108	11431	11925	11488	3.58	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 16:01:40	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	637435	634476	630670	634194	0.53	cps
Antimony	121-1	360	350	363	358	1.94	cps
Arsenic	75-2	1827	1947	1903	1892	3.21	cps
Barium	135-1	79486	80482	79145	79704	0.87	cps
Barium	137-1	137743	138856	136871	137823	0.72	cps
Beryllium	9-1	290	230	237	252	13.04	cps
Bismuth	209-1	2395165	2426964	2407285	2409805	0.67	cps
Bismuth	209-2	1916201	1910078	1873256	1899845	1.22	cps
Bromine	81-1	7238	6605	7015	6953	4.62	cps
Bromine	81-2	103	117	90	103	12.90	cps
Cadmium	108-1	13	23	37	24	47.91	cps
Cadmium	106-1	1233	1223	1370	1276	6.42	cps
Cadmium	111-1	1101	1173	1213	1163	4.91	cps
Calcium	43-1	38703	39645	39231	39193	1.21	cps
Calcium	44-1	637701	635250	635958	636303	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16145	15718	15658	15841	1.68	cps
Cobalt	59-2	14070	14360	14060	14163	1.20	cps
Copper	63-2	40200	40354	40134	40229	0.28	cps
Dysprosium	156-1	7265	7249	7439	7318	1.44	cps
Dysprosium	156-2	5695	5871	5518	5695	3.10	cps
Erbium	164-1	6228	6008	5921	6052	2.61	cps
Erbium	164-2	3804	4027	4157	3996	4.47	cps
Gadolinium	160-1	6905	7122	7025	7017	1.55	cps
Gadolinium	160-2	4811	4854	4941	4869	1.36	cps
Holmium	165-1	3955077	3977876	3967087	3966680	0.29	cps
Holmium	165-2	2617445	2643314	2603682	2621480	0.77	cps
Indium	115-1	2888310	2876275	2879694	2881427	0.22	cps
Indium	115-2	896724	900456	903596	900259	0.38	cps
Iron	56-2	15597561	15715709	15717441	15676904	0.44	cps
Iron	57-2	406637	408157	401977	405590	0.79	cps
Iron	54-2	892752	891966	881642	888787	0.70	cps
Krypton	83-1	70	90	87	82	13.03	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 16:01:40	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	93002	95301	94522	94275	1.24	cps
Lead	207-1	80080	81133	81784	80999	1.06	cps
Lead	208-1	365003	372150	374824	370659	1.37	cps
Lithium	6-1	684167	678728	678603	680499	0.47	cps
Magnesium	24-2	501974	501977	497390	500447	0.53	cps
Manganese	55-2	336781	338146	337973	337633	0.22	cps
Molybdenum	94-1	3694	3691	3897	3761	3.15	cps
Molybdenum	95-1	393	357	313	354	11.30	cps
Molybdenum	96-1	1300	1257	1133	1230	7.03	cps
Molybdenum	97-1	247	160	297	234	29.50	cps
Molybdenum	98-1	603	533	607	581	7.13	cps
Neodymium	150-1	12576	12205	12599	12460	1.77	cps
Neodymium	150-2	7179	6992	6755	6975	3.04	cps
Nickel	60-2	5748	5554	5758	5687	2.02	cps
Phosphorus	31-2	2227	2390	2277	2298	3.64	cps
Potassium	39-2	306592	305504	303132	305076	0.58	cps
Rhodium	103-1	2555377	2511865	2519883	2529042	0.92	cps
Rhodium	103-2	1376051	1388162	1391898	1385370	0.60	cps
Scandium	45-1	1451478	1436070	1429742	1439096	0.78	cps
Scandium	45-2	125091	125924	125824	125613	0.36	cps
Selenium	82-1	94	74	97	89	14.15	cps
Selenium	77-2	13	7	17	12	41.65	cps
Selenium	78-2	77	97	117	97	20.69	cps
Silicon	28-1	3317668	3402033	3327587	3349096	1.38	cps
Silver	107-1	727	800	883	803	9.76	cps
Silver	109-1	690	717	773	727	5.86	cps
Sodium	23-2	29532	29351	29752	29545	0.68	cps
Strontium	86-1	27679	27516	27646	27614	0.31	cps
Strontium	88-1	243219	241833	243373	242809	0.35	cps
Sulfur	34-1	88219	87026	87723	87656	0.68	cps
Terbium	159-1	4045711	4135052	4090213	4090325	1.09	cps
Terbium	159-2	2564394	2619504	2594737	2592878	1.06	cps
Thallium	203-1	240	313	303	286	13.93	cps
Thallium	205-1	710	660	573	648	10.68	cps
Tin	118-1	2477	2390	2684	2517	5.99	cps
Titanium	47-1	47581	48056	47852	47830	0.50	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 16:01:40	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2430	2470	2504	2468	1.49	cps
Vanadium	51-2	26106	25779	26109	25998	0.73	cps
Yttrium	89-1	4750859	4692384	4713886	4719043	0.63	cps
Yttrium	89-2	1172766	1180910	1185662	1179779	0.55	cps
Zinc	66-2	20190	19212	19670	19691	2.49	cps
Zirconium	90-1	9196	9340	9470	9335	1.47	cps
Zirconium	91-1	2054	2327	2070	2150	7.13	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:05:01	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3243971	3214924	3254797	3237897	0.64	cps
Antimony	121-1	232483	235856	234834	234391	0.74	cps
Arsenic	75-2	13316	13286	13373	13325	0.33	cps
Barium	135-1	1742912	1779302	1787492	1769902	1.34	cps
Barium	137-1	2998577	3029844	2975674	3001365	0.91	cps
Beryllium	9-1	21942	22289	22420	22217	1.11	cps
Bismuth	209-1	2375945	2400990	2395546	2390827	0.55	cps
Bismuth	209-2	1874563	1870589	1828064	1857739	1.39	cps
Bromine	81-1	7725	8036	8149	7970	2.75	cps
Bromine	81-2	337	390	343	357	8.15	cps
Cadmium	108-1	2037	1907	1960	1968	3.32	cps
Cadmium	106-1	4194	4104	4304	4201	2.39	cps
Cadmium	111-1	31671	31673	31044	31463	1.15	cps
Calcium	43-1	200141	202023	201049	201071	0.47	cps
Calcium	44-1	2993589	3035437	3018754	3015927	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	239901	242307	239919	240709	0.57	cps
Cobalt	59-2	671645	671331	670450	671142	0.09	cps
Copper	63-2	396602	397441	399066	397703	0.31	cps
Dysprosium	156-1	38025	37757	38867	38216	1.52	cps
Dysprosium	156-2	29331	29658	28579	29189	1.89	cps
Erbium	164-1	32201	32421	32134	32252	0.47	cps
Erbium	164-2	21059	20502	19684	20415	3.39	cps
Gadolinium	160-1	36464	36387	36260	36370	0.28	cps
Gadolinium	160-2	24675	24729	24638	24681	0.18	cps
Holmium	165-1	4019281	4015259	3966858	4000466	0.73	cps
Holmium	165-2	2641903	2672650	2612603	2642385	1.14	cps
Indium	115-1	2860201	2857232	2792378	2836604	1.35	cps
Indium	115-2	883261	895150	874271	884227	1.18	cps
Iron	56-2	80117444	80742482	80279607	80379844	0.40	cps
Iron	57-2	1988145	1980923	1976445	1981838	0.30	cps
Iron	54-2	4368337	4420396	4355132	4381288	0.79	cps
Krypton	83-1	103	110	110	108	3.57	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:05:01	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	520330	523332	525105	522922	0.46	cps
Lead	207-1	449226	451200	456574	452334	0.84	cps
Lead	208-1	2053726	2065686	2077388	2065600	0.57	cps
Lithium	6-1	684893	685249	684636	684926	0.04	cps
Magnesium	24-2	2486849	2471481	2480850	2479727	0.31	cps
Manganese	55-2	2019238	2001470	2021394	2014034	0.54	cps
Molybdenum	94-1	18652	19079	19249	18994	1.62	cps
Molybdenum	95-1	1963	1910	1987	1953	2.01	cps
Molybdenum	96-1	6041	6278	5841	6054	3.61	cps
Molybdenum	97-1	1110	1277	1053	1147	10.13	cps
Molybdenum	98-1	2804	2884	2947	2878	2.50	cps
Neodymium	150-1	65769	65906	66543	66073	0.62	cps
Neodymium	150-2	36143	36042	36039	36075	0.16	cps
Nickel	60-2	174347	175513	175816	175225	0.44	cps
Phosphorus	31-2	10841	10964	11168	10991	1.50	cps
Potassium	39-2	1327303	1362941	1361441	1350562	1.49	cps
Rhodium	103-1	2484740	2522550	2444668	2483986	1.57	cps
Rhodium	103-2	1360222	1383564	1343994	1362593	1.46	cps
Scandium	45-1	1519098	1514252	1466583	1499977	1.93	cps
Scandium	45-2	128828	129524	126869	128407	1.07	cps
Selenium	82-1	4281	4328	4485	4365	2.44	cps
Selenium	77-2	563	523	487	524	7.31	cps
Selenium	78-2	1490	1403	1473	1456	3.16	cps
Silicon	28-1	16493164	16575502	16469739	16512802	0.34	cps
Silver	107-1	123859	125244	125187	124764	0.63	cps
Silver	109-1	116187	119487	117908	117861	1.40	cps
Sodium	23-2	96674	97694	97228	97199	0.53	cps
Strontium	86-1	140058	142350	142110	141506	0.89	cps
Strontium	88-1	1241009	1250831	1243797	1245212	0.41	cps
Sulfur	34-1	103078	101309	101186	101858	1.04	cps
Terbium	159-1	4083021	4120068	4087997	4097029	0.49	cps
Terbium	159-2	2622715	2644346	2534726	2600596	2.23	cps
Thallium	203-1	112228	114613	114029	113623	1.09	cps
Thallium	205-1	266432	267508	269776	267905	0.64	cps
Tin	118-1	8966	9393	9173	9177	2.33	cps
Titanium	47-1	245771	248887	245724	246794	0.73	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:05:01	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13140	13283	13000	13141	1.08	cps
Vanadium	51-2	489850	490059	488580	489496	0.16	cps
Yttrium	89-1	5061771	5065618	4921753	5016381	1.63	cps
Yttrium	89-2	1244491	1266110	1228525	1246375	1.51	cps
Zinc	66-2	166123	168667	167754	167515	0.77	cps
Zirconium	90-1	47664	48837	47794	48098	1.34	cps
Zirconium	91-1	10777	11014	10784	10859	1.24	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:08:17	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3404268	3351036	3383460	3379588	0.79	cps
Antimony	121-1	1086329	1093128	1089257	1089571	0.31	cps
Arsenic	75-2	27509	27786	27833	27709	0.63	cps
Barium	135-1	6461132	6532897	6590567	6528199	0.99	cps
Barium	137-1	11241866	11151289	11175076	11189410	0.42	cps
Beryllium	9-1	95993	97801	97328	97041	0.97	cps
Bismuth	209-1	2413598	2468472	2409384	2430485	1.36	cps
Bismuth	209-2	1628031	1869893	1826400	1774775	7.26	cps
Bromine	81-1	8042	8039	8082	8054	0.30	cps
Bromine	81-2	350	417	393	387	8.75	cps
Cadmium	108-1	8803	8913	9060	8925	1.44	cps
Cadmium	106-1	13206	13536	13243	13328	1.36	cps
Cadmium	111-1	134673	137395	135919	135996	1.00	cps
Calcium	43-1	189983	191367	188606	189985	0.73	cps
Calcium	44-1	2827846	2825158	2862426	2838477	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	816956	812220	810845	813340	0.39	cps
Cobalt	59-2	2884852	2863163	2849258	2865758	0.63	cps
Copper	63-2	1108301	1098018	1090644	1098987	0.81	cps
Dysprosium	156-1	36711	36227	36457	36465	0.66	cps
Dysprosium	156-2	28362	28005	28536	28301	0.96	cps
Erbium	164-1	30356	30948	30346	30550	1.13	cps
Erbium	164-2	20088	19854	19627	19856	1.16	cps
Gadolinium	160-1	34365	35244	34389	34666	1.44	cps
Gadolinium	160-2	23850	23530	23123	23501	1.55	cps
Holmium	165-1	3987598	3992059	3907667	3962442	1.20	cps
Holmium	165-2	2569235	2622630	2570970	2587612	1.17	cps
Indium	115-1	2784759	2824190	2759294	2789414	1.17	cps
Indium	115-2	860577	881922	860018	867506	1.44	cps
Iron	56-2	78739522	77895767	78827949	78487746	0.66	cps
Iron	57-2	1950546	1951762	1923512	1941940	0.82	cps
Iron	54-2	4267094	4323230	4249310	4279878	0.90	cps
Krypton	83-1	100	87	70	86	17.57	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:08:17	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	647253	647319	650423	648332	0.28	cps
Lead	207-1	553446	559435	554096	555659	0.59	cps
Lead	208-1	2542372	2557111	2551354	2550279	0.29	cps
Lithium	6-1	671958	679704	675489	675717	0.57	cps
Magnesium	24-2	2351072	2334532	2341273	2342292	0.36	cps
Manganese	55-2	2993778	2996517	3001718	2997338	0.13	cps
Molybdenum	94-1	18008	17744	18281	18011	1.49	cps
Molybdenum	95-1	1843	1777	1943	1855	4.52	cps
Molybdenum	96-1	5768	6128	6065	5987	3.21	cps
Molybdenum	97-1	1200	1190	1037	1142	8.02	cps
Molybdenum	98-1	2914	2947	3067	2976	2.71	cps
Neodymium	150-1	63268	63479	63790	63512	0.41	cps
Neodymium	150-2	34659	33974	35110	34581	1.65	cps
Nickel	60-2	710555	706869	703106	706843	0.53	cps
Phosphorus	31-2	10364	10450	10314	10376	0.67	cps
Potassium	39-2	1277545	1262626	1269856	1270009	0.59	cps
Rhodium	103-1	2415052	2454668	2408069	2425930	1.04	cps
Rhodium	103-2	1324940	1359539	1327234	1337238	1.45	cps
Scandium	45-1	1462585	1464025	1456901	1461170	0.26	cps
Scandium	45-2	125235	129003	123995	126078	2.07	cps
Selenium	82-1	16920	17016	17225	17054	0.92	cps
Selenium	77-2	1807	1730	1533	1690	8.34	cps
Selenium	78-2	5664	5594	5364	5541	2.83	cps
Silicon	28-1	15452268	15452747	15292337	15399117	0.60	cps
Silver	107-1	559520	561916	559577	560338	0.24	cps
Silver	109-1	531985	539116	533761	534954	0.69	cps
Sodium	23-2	93106	93294	94524	93641	0.82	cps
Strontium	86-1	133286	136270	134895	134817	1.11	cps
Strontium	88-1	1183601	1189564	1190528	1187897	0.32	cps
Sulfur	34-1	99028	97894	97505	98142	0.81	cps
Terbium	159-1	4057090	4118660	4078364	4084705	0.77	cps
Terbium	159-2	2522896	2592841	2501791	2539176	1.88	cps
Thallium	203-1	530823	534487	533734	533015	0.36	cps
Thallium	205-1	1260452	1276019	1273485	1269985	0.66	cps
Tin	118-1	9030	9130	9086	9082	0.55	cps
Titanium	47-1	232959	232549	231744	232417	0.27	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:08:17	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12503	12342	12539	12461	0.84	cps
Vanadium	51-2	1738310	1753978	1717655	1736647	1.05	cps
Yttrium	89-1	4907358	4987972	4981321	4958884	0.90	cps
Yttrium	89-2	1218270	1252677	1218341	1229763	1.61	cps
Zinc	66-2	411965	410234	411718	411306	0.23	cps
Zirconium	90-1	46042	46557	46617	46405	0.68	cps
Zirconium	91-1	10434	10671	10447	10517	1.27	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:11:29	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	793276	796513	787740	792510	0.56	cps
Antimony	121-1	850	983	920	918	7.27	cps
Arsenic	75-2	2420	2357	2274	2350	3.13	cps
Barium	135-1	99508	99554	100632	99898	0.64	cps
Barium	137-1	173221	173433	173902	173519	0.20	cps
Beryllium	9-1	303	383	373	353	12.34	cps
Bismuth	209-1	2309031	2338412	2312761	2320068	0.69	cps
Bismuth	209-2	1826201	1830375	1820930	1825835	0.26	cps
Bromine	81-1	6728	6715	6992	6812	2.29	cps
Bromine	81-2	140	113	103	119	15.94	cps
Cadmium	108-1	30	37	50	39	26.18	cps
Cadmium	106-1	1227	1250	1260	1246	1.37	cps
Cadmium	111-1	1224	1176	1237	1213	2.66	cps
Calcium	43-1	47591	48139	48878	48203	1.34	cps
Calcium	44-1	774153	784282	783927	780787	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20210	20718	19977	20302	1.87	cps
Cobalt	59-2	18134	18018	18041	18064	0.34	cps
Copper	63-2	49498	49602	48732	49277	0.96	cps
Dysprosium	156-1	9010	9417	9123	9183	2.29	cps
Dysprosium	156-2	7275	7365	7042	7227	2.31	cps
Erbium	164-1	7412	7679	7689	7593	2.07	cps
Erbium	164-2	4851	4894	5284	5010	4.77	cps
Gadolinium	160-1	8756	8443	8990	8729	3.14	cps
Gadolinium	160-2	6185	6168	6031	6128	1.37	cps
Holmium	165-1	3831510	3884296	3842376	3852728	0.72	cps
Holmium	165-2	2540869	2553317	2551723	2548636	0.27	cps
Indium	115-1	2740517	2708001	2768926	2739148	1.11	cps
Indium	115-2	878706	861769	878247	872908	1.11	cps
Iron	56-2	19576549	19542600	19411402	19510184	0.45	cps
Iron	57-2	507729	508508	504669	506969	0.40	cps
Iron	54-2	1113323	1115833	1108171	1112442	0.35	cps
Krypton	83-1	73	47	77	66	25.08	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:11:29	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	118575	118715	118120	118470	0.26	cps
Lead	207-1	101824	103554	102466	102615	0.85	cps
Lead	208-1	467240	472477	467033	468917	0.66	cps
Lithium	6-1	647561	643808	643925	645098	0.33	cps
Magnesium	24-2	624289	625580	620751	623540	0.40	cps
Manganese	55-2	421097	422678	422746	422174	0.22	cps
Molybdenum	94-1	4657	4561	4701	4640	1.55	cps
Molybdenum	95-1	567	493	403	488	16.77	cps
Molybdenum	96-1	1390	1503	1430	1441	3.99	cps
Molybdenum	97-1	273	307	257	279	9.13	cps
Molybdenum	98-1	753	770	820	781	4.44	cps
Neodymium	150-1	15485	16213	16249	15982	2.70	cps
Neodymium	150-2	8853	8643	9023	8840	2.15	cps
Nickel	60-2	6675	6872	6848	6798	1.58	cps
Phosphorus	31-2	2750	2600	2634	2661	2.96	cps
Potassium	39-2	372763	374713	371162	372879	0.48	cps
Rhodium	103-1	2404191	2403998	2417420	2408537	0.32	cps
Rhodium	103-2	1350921	1342358	1348341	1347207	0.33	cps
Scandium	45-1	1358095	1366680	1371497	1365424	0.50	cps
Scandium	45-2	122792	119866	121889	121516	1.23	cps
Selenium	82-1	102	147	105	118	21.45	cps
Selenium	77-2	20	17	23	20	16.65	cps
Selenium	78-2	107	120	123	117	7.56	cps
Silicon	28-1	4111242	4113882	4127534	4117553	0.21	cps
Silver	107-1	1263	1180	1063	1169	8.59	cps
Silver	109-1	1263	1140	1143	1182	5.94	cps
Sodium	23-2	33299	32875	32625	32933	1.04	cps
Strontium	86-1	34661	34453	34343	34486	0.47	cps
Strontium	88-1	299182	304699	301474	301785	0.92	cps
Sulfur	34-1	84408	82940	84659	84003	1.11	cps
Terbium	159-1	3952859	3893317	3968613	3938263	1.01	cps
Terbium	159-2	2523461	2503857	2529187	2518835	0.53	cps
Thallium	203-1	333	297	333	321	6.59	cps
Thallium	205-1	777	740	673	730	7.18	cps
Tin	118-1	2887	2727	2594	2736	5.37	cps
Titanium	47-1	59111	59640	58700	59150	0.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:11:29	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3250	3214	3187	3217	0.99	cps
Vanadium	51-2	32472	32258	32304	32345	0.35	cps
Yttrium	89-1	4563843	4508237	4581661	4551247	0.84	cps
Yttrium	89-2	1144422	1129436	1154640	1142833	1.11	cps
Zinc	66-2	23939	24470	24450	24286	1.24	cps
Zirconium	90-1	11611	11538	11488	11546	0.54	cps
Zirconium	91-1	2574	2670	2577	2607	2.11	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:14:54	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	805644	803324	801383	803450	0.27	cps
Antimony	121-1	557	570	637	588	7.29	cps
Arsenic	75-2	2314	2324	2287	2308	0.82	cps
Barium	135-1	102582	103932	102664	103059	0.73	cps
Barium	137-1	177729	178232	177756	177906	0.16	cps
Beryllium	9-1	300	313	267	293	8.20	cps
Bismuth	209-1	2365658	2325212	2364412	2351761	0.98	cps
Bismuth	209-2	1858722	1793140	1834153	1828672	1.81	cps
Bromine	81-1	6255	6995	6608	6619	5.59	cps
Bromine	81-2	150	133	83	122	28.39	cps
Cadmium	108-1	30	60	53	48	32.97	cps
Cadmium	106-1	1247	1263	1333	1281	3.59	cps
Cadmium	111-1	1175	1222	1229	1209	2.45	cps
Calcium	43-1	49577	50922	50176	50225	1.34	cps
Calcium	44-1	805378	811225	809340	808648	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20451	20204	20387	20347	0.63	cps
Cobalt	59-2	18532	18081	17974	18196	1.63	cps
Copper	63-2	50639	50762	50532	50644	0.23	cps
Dysprosium	156-1	9613	9820	9076	9503	4.04	cps
Dysprosium	156-2	7179	7262	7195	7212	0.61	cps
Erbium	164-1	7832	7792	7762	7796	0.45	cps
Erbium	164-2	5101	5134	5048	5094	0.86	cps
Gadolinium	160-1	8996	9170	8763	8976	2.28	cps
Gadolinium	160-2	6251	6201	6338	6264	1.10	cps
Holmium	165-1	3815745	3847695	3850307	3837916	0.50	cps
Holmium	165-2	2551220	2494241	2595675	2547046	2.00	cps
Indium	115-1	2735208	2710477	2735260	2726982	0.52	cps
Indium	115-2	879955	861545	871947	871149	1.06	cps
Iron	56-2	20199677	19848452	19492320	19846816	1.78	cps
Iron	57-2	515844	514276	510515	513545	0.53	cps
Iron	54-2	1140699	1131657	1126850	1133069	0.62	cps
Krypton	83-1	63	60	83	69	18.32	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:14:54	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	121597	123642	121973	122404	0.89	cps
Lead	207-1	105005	106372	106221	105866	0.71	cps
Lead	208-1	478521	483430	481587	481179	0.52	cps
Lithium	6-1	650080	649283	657537	652300	0.70	cps
Magnesium	24-2	636566	629134	632106	632602	0.59	cps
Manganese	55-2	433173	428474	431687	431111	0.56	cps
Molybdenum	94-1	4667	4651	4744	4687	1.06	cps
Molybdenum	95-1	443	463	463	457	2.53	cps
Molybdenum	96-1	1490	1530	1613	1545	4.07	cps
Molybdenum	97-1	310	260	253	274	11.29	cps
Molybdenum	98-1	727	753	740	740	1.80	cps
Neodymium	150-1	16386	16730	16920	16679	1.62	cps
Neodymium	150-2	9243	9333	8809	9129	3.07	cps
Nickel	60-2	7015	6902	6982	6966	0.84	cps
Phosphorus	31-2	2754	2814	2940	2836	3.36	cps
Potassium	39-2	379490	378395	384344	380743	0.83	cps
Rhodium	103-1	2407314	2411560	2445475	2421450	0.86	cps
Rhodium	103-2	1346136	1319871	1333758	1333255	0.99	cps
Scandium	45-1	1374478	1364904	1365468	1368283	0.39	cps
Scandium	45-2	121831	118808	120851	120496	1.28	cps
Selenium	82-1	143	138	85	122	26.49	cps
Selenium	77-2	23	17	10	17	39.99	cps
Selenium	78-2	113	80	70	88	25.85	cps
Silicon	28-1	4147092	4273653	4186915	4202553	1.54	cps
Silver	107-1	1017	967	1003	996	2.60	cps
Silver	109-1	1010	1000	1000	1003	0.58	cps
Sodium	23-2	32384	31776	32364	32175	1.07	cps
Strontium	86-1	35135	36368	35563	35689	1.75	cps
Strontium	88-1	309752	310739	313043	311178	0.54	cps
Sulfur	34-1	83751	84442	83815	84002	0.45	cps
Terbium	159-1	3878802	3981607	3928242	3929550	1.31	cps
Terbium	159-2	2498280	2475090	2481719	2485030	0.48	cps
Thallium	203-1	290	307	367	321	12.56	cps
Thallium	205-1	727	703	703	711	1.89	cps
Tin	118-1	2917	2844	2987	2916	2.46	cps
Titanium	47-1	61441	60611	61739	61263	0.95	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:14:54	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3344	3234	3200	3259	2.30	cps
Vanadium	51-2	33484	33667	33160	33437	0.77	cps
Yttrium	89-1	4573689	4555349	4565652	4564897	0.20	cps
Yttrium	89-2	1158253	1132812	1145929	1145665	1.11	cps
Zinc	66-2	25375	24764	25225	25121	1.27	cps
Zirconium	90-1	11815	12112	12132	12019	1.48	cps
Zirconium	91-1	2650	2630	2787	2689	3.17	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 16:18:15	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151684	149268	149769	150240	0.85	cps
Antimony	121-1	153	170	223	182	20.07	cps
Arsenic	75-2	393	463	433	430	8.17	cps
Barium	135-1	18686	18869	19450	19002	2.10	cps
Barium	137-1	32290	32965	32581	32612	1.04	cps
Beryllium	9-1	60	80	70	70	14.29	cps
Bismuth	209-1	2343666	2302938	2066709	2237771	6.68	cps
Bismuth	209-2	1851779	1611623	1815708	1759703	7.36	cps
Bromine	81-1	6558	6632	6438	6543	1.49	cps
Bromine	81-2	50	80	60	63	24.12	cps
Cadmium	108-1	7	43	7	19	112.05	cps
Cadmium	106-1	1250	1097	1040	1129	9.62	cps
Cadmium	111-1	934	847	810	864	7.34	cps
Calcium	43-1	9103	8849	9370	9107	2.86	cps
Calcium	44-1	148440	151864	152437	150914	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4127	3891	3834	3951	3.94	cps
Cobalt	59-2	3360	3317	3330	3336	0.67	cps
Copper	63-2	9947	10097	9957	10000	0.84	cps
Dysprosium	156-1	1760	1837	1757	1785	2.54	cps
Dysprosium	156-2	1373	1340	1360	1358	1.24	cps
Erbium	164-1	1393	1370	1430	1398	2.16	cps
Erbium	164-2	1077	960	930	989	7.84	cps
Gadolinium	160-1	1620	1753	1600	1658	5.03	cps
Gadolinium	160-2	1263	1267	1333	1288	3.07	cps
Holmium	165-1	3767802	3728113	3386389	3627435	5.78	cps
Holmium	165-2	2490028	2525828	2476608	2497488	1.02	cps
Indium	115-1	2746243	2715162	2473723	2645043	5.64	cps
Indium	115-2	868946	861075	848481	859501	1.20	cps
Iron	56-2	3686738	3712315	3687014	3695356	0.40	cps
Iron	57-2	96306	95682	96950	96312	0.66	cps
Iron	54-2	211531	209654	212724	211303	0.73	cps
Krypton	83-1	43	97	67	69	38.81	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 16:18:15	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23377	23060	23370	23269	0.78	cps
Lead	207-1	19795	19891	19848	19845	0.24	cps
Lead	208-1	89774	90397	90774	90315	0.56	cps
Lithium	6-1	633147	629625	578512	613761	4.98	cps
Magnesium	24-2	119835	119711	117843	119130	0.94	cps
Manganese	55-2	79606	80078	78798	79494	0.81	cps
Molybdenum	94-1	877	1073	907	952	11.13	cps
Molybdenum	95-1	143	137	153	144	5.81	cps
Molybdenum	96-1	413	367	340	373	9.94	cps
Molybdenum	97-1	80	73	97	83	14.43	cps
Molybdenum	98-1	180	250	243	224	17.21	cps
Neodymium	150-1	2937	2950	2987	2958	0.88	cps
Neodymium	150-2	1663	1827	1743	1745	4.68	cps
Nickel	60-2	1423	1457	1327	1402	4.82	cps
Phosphorus	31-2	553	540	650	581	10.33	cps
Potassium	39-2	94521	92687	93937	93715	1.00	cps
Rhodium	103-1	2413420	2332239	2161351	2302337	5.59	cps
Rhodium	103-2	1341512	1325049	1312687	1326416	1.09	cps
Scandium	45-1	1321254	1329450	1188950	1279885	6.16	cps
Scandium	45-2	119567	117525	116393	117828	1.37	cps
Selenium	82-1	113	70	88	90	24.19	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	97	110	77	94	17.76	cps
Silicon	28-1	896095	904874	905911	902293	0.60	cps
Silver	107-1	173	273	190	212	25.25	cps
Silver	109-1	217	227	223	222	2.29	cps
Sodium	23-2	13903	13803	13666	13791	0.86	cps
Strontium	86-1	6815	6808	6642	6755	1.45	cps
Strontium	88-1	56973	56662	57535	57057	0.78	cps
Sulfur	34-1	81948	81456	80976	81460	0.60	cps
Terbium	159-1	3830376	3822208	3452452	3701679	5.83	cps
Terbium	159-2	2514179	2438269	2482657	2478368	1.54	cps
Thallium	203-1	97	90	90	92	4.18	cps
Thallium	205-1	213	230	210	218	4.92	cps
Tin	118-1	1320	1327	1250	1299	3.27	cps
Titanium	47-1	11344	11128	11001	11158	1.56	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD5H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-18 16:18:15	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	667	657	593	639	6.22	cps
Vanadium	51-2	6501	6161	6251	6305	2.80	cps
Yttrium	89-1	4451228	4398312	4002744	4284095	5.72	cps
Yttrium	89-2	1114771	1101157	1094845	1103591	0.92	cps
Zinc	66-2	4851	4714	4601	4722	2.65	cps
Zirconium	90-1	2314	2264	2264	2280	1.27	cps
Zirconium	91-1	513	500	507	507	1.32	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:21:40	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	815503	817157	819610	817423	0.25	cps
Antimony	121-1	57123	57364	57317	57268	0.22	cps
Arsenic	75-2	3260	3394	3134	3263	3.99	cps
Barium	135-1	401484	403082	398619	401062	0.56	cps
Barium	137-1	691503	692931	688295	690910	0.34	cps
Beryllium	9-1	5514	5438	5701	5551	2.44	cps
Bismuth	209-1	2329613	2348505	2304654	2327591	0.94	cps
Bismuth	209-2	1605915	1845492	1825465	1758957	7.56	cps
Bromine	81-1	6652	7005	7112	6923	3.48	cps
Bromine	81-2	120	123	140	128	8.38	cps
Cadmium	108-1	437	573	570	527	14.80	cps
Cadmium	106-1	1817	1927	2003	1916	4.90	cps
Cadmium	111-1	8251	8443	8262	8319	1.29	cps
Calcium	43-1	48210	48614	48534	48453	0.44	cps
Calcium	44-1	782648	782434	787102	784061	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59798	59678	58828	59434	0.89	cps
Cobalt	59-2	166529	165699	165426	165885	0.35	cps
Copper	63-2	97931	97843	98599	98124	0.42	cps
Dysprosium	156-1	9583	9553	9553	9563	0.18	cps
Dysprosium	156-2	7239	7302	7172	7237	0.90	cps
Erbium	164-1	7939	7515	7512	7656	3.21	cps
Erbium	164-2	5068	5154	5184	5135	1.18	cps
Gadolinium	160-1	8506	9083	8613	8734	3.52	cps
Gadolinium	160-2	6225	6145	6328	6233	1.48	cps
Holmium	165-1	3789038	3767154	3815955	3790716	0.64	cps
Holmium	165-2	2521736	2505164	2508538	2511813	0.35	cps
Indium	115-1	2761051	2741065	2723279	2741798	0.69	cps
Indium	115-2	855949	864663	854839	858484	0.63	cps
Iron	56-2	19628424	19796393	19557351	19660723	0.62	cps
Iron	57-2	509320	511257	507602	509393	0.36	cps
Iron	54-2	1118713	1122834	1118516	1120021	0.22	cps
Krypton	83-1	80	73	83	79	6.45	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:21:40	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	129533	130469	129762	129921	0.38	cps
Lead	207-1	110777	112625	111472	111625	0.84	cps
Lead	208-1	506318	513817	510590	510242	0.74	cps
Lithium	6-1	645090	646893	644521	645501	0.19	cps
Magnesium	24-2	626636	621691	622269	623532	0.43	cps
Manganese	55-2	498003	492786	496965	495918	0.56	cps
Molybdenum	94-1	4751	4634	4661	4682	1.31	cps
Molybdenum	95-1	533	447	480	487	8.98	cps
Molybdenum	96-1	1527	1410	1463	1467	3.98	cps
Molybdenum	97-1	293	297	257	282	7.86	cps
Molybdenum	98-1	697	690	757	714	5.14	cps
Neodymium	150-1	15946	16049	15929	15975	0.41	cps
Neodymium	150-2	8973	8723	8809	8835	1.44	cps
Nickel	60-2	43266	44329	43830	43808	1.21	cps
Phosphorus	31-2	2784	2870	2870	2841	1.76	cps
Potassium	39-2	372233	372453	373122	372602	0.12	cps
Rhodium	103-1	2380295	2433035	2409174	2407501	1.10	cps
Rhodium	103-2	1308132	1337754	1319805	1321897	1.13	cps
Scandium	45-1	1386818	1360806	1356704	1368109	1.19	cps
Scandium	45-2	117437	120827	118962	119075	1.43	cps
Selenium	82-1	1087	1135	1199	1141	4.96	cps
Selenium	77-2	143	110	110	121	15.89	cps
Selenium	78-2	483	440	563	496	12.63	cps
Silicon	28-1	4134147	4163637	4127534	4141772	0.46	cps
Silver	107-1	30325	30429	30946	30567	1.09	cps
Silver	109-1	28779	28819	29604	29067	1.60	cps
Sodium	23-2	29562	29756	30871	30063	2.35	cps
Strontium	86-1	34390	35159	34858	34802	1.11	cps
Strontium	88-1	301428	303365	306492	303762	0.84	cps
Sulfur	34-1	85906	84723	85769	85466	0.76	cps
Terbium	159-1	3922665	3828762	3882915	3878114	1.22	cps
Terbium	159-2	2420882	2494468	2477024	2464125	1.56	cps
Thallium	203-1	27581	27975	27698	27752	0.73	cps
Thallium	205-1	65496	66488	65651	65878	0.81	cps
Tin	118-1	3017	2860	2927	2935	2.68	cps
Titanium	47-1	59406	59988	59202	59532	0.69	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:21:40	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3124	3210	3240	3192	1.90	cps
Vanadium	51-2	119868	119324	118175	119122	0.73	cps
Yttrium	89-1	4551551	4507014	4553947	4537504	0.58	cps
Yttrium	89-2	1118902	1140454	1117787	1125714	1.14	cps
Zinc	66-2	41685	41972	41835	41831	0.34	cps
Zirconium	90-1	11761	12098	11745	11868	1.68	cps
Zirconium	91-1	2730	2777	2560	2689	4.24	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:25:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	858122	854639	850815	854525	0.43	cps
Antimony	121-1	266120	265509	264942	265524	0.22	cps
Arsenic	75-2	6915	6538	6555	6669	3.19	cps
Barium	135-1	1451898	1457671	1455326	1454965	0.20	cps
Barium	137-1	2704624	2695743	2730069	2710146	0.66	cps
Beryllium	9-1	23965	23728	23715	23803	0.59	cps
Bismuth	209-1	2299761	2320951	2297850	2306188	0.56	cps
Bismuth	209-2	1829459	1624302	1835279	1763013	6.82	cps
Bromine	81-1	6265	6702	6665	6544	3.70	cps
Bromine	81-2	170	130	97	132	27.77	cps
Cadmium	108-1	2017	2290	2220	2176	6.53	cps
Cadmium	106-1	4344	4254	4261	4286	1.17	cps
Cadmium	111-1	33878	33851	33701	33810	0.28	cps
Calcium	43-1	45327	45301	45973	45534	0.84	cps
Calcium	44-1	738258	742934	741748	740980	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	200846	199137	200309	200097	0.44	cps
Cobalt	59-2	698525	695304	694500	696110	0.31	cps
Copper	63-2	271911	272163	273354	272476	0.28	cps
Dysprosium	156-1	9010	9033	9000	9014	0.19	cps
Dysprosium	156-2	7015	6865	7072	6984	1.53	cps
Erbium	164-1	7682	7699	7239	7540	3.46	cps
Erbium	164-2	4637	4924	4651	4738	3.42	cps
Gadolinium	160-1	8539	8069	8593	8400	3.43	cps
Gadolinium	160-2	6045	5611	6078	5911	4.41	cps
Holmium	165-1	3651727	3620083	3718753	3663521	1.38	cps
Holmium	165-2	2478514	2524818	2482422	2495251	1.03	cps
Indium	115-1	2657199	2623940	2653470	2644870	0.69	cps
Indium	115-2	842712	846321	850331	846454	0.45	cps
Iron	56-2	19328675	19271357	19258967	19286333	0.19	cps
Iron	57-2	504479	504075	495126	501227	1.05	cps
Iron	54-2	1103239	1099901	1093856	1098998	0.43	cps
Krypton	83-1	73	50	77	67	21.80	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:25:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	155389	157777	156549	156572	0.76	cps
Lead	207-1	131573	134692	133437	133234	1.18	cps
Lead	208-1	612131	623794	623316	619747	1.06	cps
Lithium	6-1	636307	623003	632176	630495	1.08	cps
Magnesium	24-2	590559	593820	585317	589899	0.73	cps
Manganese	55-2	750543	741007	748777	746775	0.68	cps
Molybdenum	94-1	4347	4234	4221	4267	1.63	cps
Molybdenum	95-1	440	470	537	482	10.26	cps
Molybdenum	96-1	1423	1373	1450	1416	2.75	cps
Molybdenum	97-1	293	290	303	296	2.35	cps
Molybdenum	98-1	707	713	780	733	5.53	cps
Neodymium	150-1	15272	15071	15605	15316	1.76	cps
Neodymium	150-2	8469	8503	8253	8408	1.62	cps
Nickel	60-2	177287	174610	175938	175945	0.76	cps
Phosphorus	31-2	2700	2550	2487	2579	4.25	cps
Potassium	39-2	351231	356119	351551	352967	0.77	cps
Rhodium	103-1	2356679	2299784	2395208	2350557	2.04	cps
Rhodium	103-2	1297728	1307513	1314380	1306540	0.64	cps
Scandium	45-1	1339657	1303382	1326421	1323153	1.39	cps
Scandium	45-2	115549	117021	117239	116603	0.79	cps
Selenium	82-1	4214	4286	4272	4257	0.90	cps
Selenium	77-2	423	433	407	421	3.20	cps
Selenium	78-2	1440	1377	1450	1422	2.80	cps
Silicon	28-1	3885945	3979828	3919848	3928540	1.21	cps
Silver	107-1	136238	137988	137308	137178	0.64	cps
Silver	109-1	131449	131914	130972	131445	0.36	cps
Sodium	23-2	29355	28944	29301	29200	0.77	cps
Strontium	86-1	32015	32249	33581	32615	2.59	cps
Strontium	88-1	286129	287687	283038	285618	0.83	cps
Sulfur	34-1	83764	82220	81948	82644	1.19	cps
Terbium	159-1	3874070	3733731	3819505	3809102	1.86	cps
Terbium	159-2	2473560	2461245	2426796	2453867	0.99	cps
Thallium	203-1	127849	129071	128555	128492	0.48	cps
Thallium	205-1	304927	306701	308923	306850	0.65	cps
Tin	118-1	2820	2524	2537	2627	6.38	cps
Titanium	47-1	56160	55990	56257	56136	0.24	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD5H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-18 16:25:01	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3070	2997	3017	3028	1.25	cps
Vanadium	51-2	432000	428713	427824	429513	0.51	cps
Yttrium	89-1	4484517	4308162	4499711	4430797	2.40	cps
Yttrium	89-2	1103674	1105078	1120468	1109740	0.84	cps
Zinc	66-2	101871	101344	102106	101774	0.38	cps
Zirconium	90-1	11291	11198	11031	11173	1.18	cps
Zirconium	91-1	2504	2480	2410	2465	1.97	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:28:22	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3955375	3942779	3944208	3947454	0.17	cps
Antimony	121-1	5084	4838	4848	4923	2.84	cps
Arsenic	75-2	30602	29827	30351	30260	1.31	cps
Barium	135-1	733679	735582	733934	734398	0.14	cps
Barium	137-1	1287835	1272801	1272171	1277603	0.69	cps
Beryllium	9-1	1057	1020	1003	1027	2.66	cps
Bismuth	209-1	2321917	2360218	2333628	2338587	0.84	cps
Bismuth	209-2	1580258	1585140	1618402	1594600	1.30	cps
Bromine	81-1	6892	7305	7098	7098	2.91	cps
Bromine	81-2	190	110	197	166	29.13	cps
Cadmium	108-1	190	167	170	176	7.19	cps
Cadmium	106-1	1693	1407	1450	1517	10.19	cps
Cadmium	111-1	2482	2211	2266	2320	6.18	cps
Calcium	43-1	85837	86900	87470	86736	0.96	cps
Calcium	44-1	1309018	1302279	1298769	1303355	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163236	162081	161679	162332	0.50	cps
Cobalt	59-2	171902	169956	171817	171225	0.64	cps
Copper	63-2	431938	432499	430037	431491	0.30	cps
Dysprosium	156-1	34165	35274	35231	34890	1.80	cps
Dysprosium	156-2	27584	27430	27183	27399	0.74	cps
Erbium	164-1	25453	25143	25129	25242	0.73	cps
Erbium	164-2	17261	16600	16510	16790	2.44	cps
Gadolinium	160-1	29818	30934	30363	30372	1.84	cps
Gadolinium	160-2	20856	21019	21089	20988	0.57	cps
Holmium	165-1	3860562	3762159	3712576	3778433	1.99	cps
Holmium	165-2	2540621	2497977	2502171	2513590	0.94	cps
Indium	115-1	2715392	2697162	2671537	2694697	0.82	cps
Indium	115-2	832007	831213	836085	833102	0.31	cps
Iron	56-2	228384883	225037450	225304717	226242350	0.82	cps
Iron	57-2	5520148	5507283	5533305	5520245	0.24	cps
Iron	54-2	12288011	12228803	12116744	12211186	0.71	cps
Krypton	83-1	113	77	57	82	34.95	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:28:22	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	283146	286703	289467	286438	1.11	cps
Lead	207-1	259413	257958	254984	257452	0.88	cps
Lead	208-1	1152154	1167282	1170391	1163276	0.84	cps
Lithium	6-1	661033	649475	649492	653333	1.02	cps
Magnesium	24-2	3200547	3090522	3137642	3142904	1.76	cps
Manganese	55-2	14384416	14144647	14100615	14209893	1.07	cps
Molybdenum	94-1	27890	27993	28107	27997	0.39	cps
Molybdenum	95-1	4324	4487	4177	4330	3.58	cps
Molybdenum	96-1	11608	11668	11375	11550	1.34	cps
Molybdenum	97-1	2380	2537	2507	2475	3.36	cps
Molybdenum	98-1	6091	6265	5971	6109	2.42	cps
Neodymium	150-1	57098	57885	58333	57772	1.08	cps
Neodymium	150-2	31873	31689	31896	31819	0.36	cps
Nickel	60-2	49605	49348	48204	49052	1.52	cps
Phosphorus	31-2	6555	6228	6135	6306	3.50	cps
Potassium	39-2	1218697	1244169	1218391	1227086	1.21	cps
Rhodium	103-1	2428491	2306448	2325800	2353580	2.79	cps
Rhodium	103-2	1279002	1277225	1285014	1280414	0.32	cps
Scandium	45-1	1501750	1483068	1452792	1479204	1.67	cps
Scandium	45-2	128092	127443	127407	127647	0.30	cps
Selenium	82-1	93	137	183	138	32.73	cps
Selenium	77-2	67	47	80	64	26.03	cps
Selenium	78-2	103	147	150	133	19.53	cps
Silicon	28-1	14234109	14223431	14104962	14187501	0.51	cps
Silver	107-1	2644	2497	2184	2441	9.63	cps
Silver	109-1	2454	2094	2387	2311	8.29	cps
Sodium	23-2	44163	44063	44076	44101	0.12	cps
Strontium	86-1	106985	107142	106293	106807	0.42	cps
Strontium	88-1	931341	948180	946318	941946	0.98	cps
Sulfur	34-1	83513	84978	83640	84044	0.97	cps
Terbium	159-1	3982620	3865508	3812801	3886977	2.24	cps
Terbium	159-2	2434438	2426322	2497686	2452815	1.59	cps
Thallium	203-1	1647	1587	1533	1589	3.57	cps
Thallium	205-1	4037	3644	3897	3859	5.17	cps
Tin	118-1	8496	8753	8686	8645	1.54	cps
Titanium	47-1	461372	457036	456092	458167	0.61	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:28:22	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17365	17074	17618	17353	1.57	cps
Vanadium	51-2	333607	334718	332077	333467	0.40	cps
Yttrium	89-1	4740670	4705540	4630681	4692297	1.20	cps
Yttrium	89-2	1147337	1151886	1162253	1153826	0.66	cps
Zinc	66-2	80053	79922	79450	79808	0.40	cps
Zirconium	90-1	68037	67641	67397	67692	0.48	cps
Zirconium	91-1	15191	15291	15061	15181	0.76	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:32:34	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3999089	3971295	3993751	3988045	0.37	cps
Antimony	121-1	1916320	1948915	1983558	1949598	1.72	cps
Arsenic	75-2	81107	83292	82699	82366	1.37	cps
Barium	135-1	2696093	2717559	2803659	2739103	2.08	cps
Barium	137-1	4571408	4707956	4790187	4689850	2.36	cps
Beryllium	9-1	328758	332730	344503	335330	2.44	cps
Bismuth	209-1	2122130	2169393	2196444	2162656	1.74	cps
Bismuth	209-2	1489458	1524564	1535962	1516661	1.60	cps
Bromine	81-1	5925	5691	5821	5812	2.01	cps
Bromine	81-2	40	37	40	39	4.94	cps
Cadmium	108-1	32142	33058	33111	32770	1.66	cps
Cadmium	106-1	48096	48955	48481	48511	0.89	cps
Cadmium	111-1	432704	440113	445937	439584	1.51	cps
Calcium	43-1	2289214	2308396	2371775	2323128	1.86	cps
Calcium	44-1	36165701	36506831	37637112	36769881	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	662691	665211	665448	664450	0.23	cps
Cobalt	59-2	1017748	1021459	1017213	1018807	0.23	cps
Copper	63-2	6946618	7051876	6990212	6996235	0.76	cps
Dysprosium	156-1	117	113	137	122	10.33	cps
Dysprosium	156-2	160	170	127	152	14.90	cps
Erbium	164-1	120	93	123	112	14.66	cps
Erbium	164-2	33	63	60	52	31.49	cps
Gadolinium	160-1	57	73	73	68	14.19	cps
Gadolinium	160-2	160	183	127	157	18.18	cps
Holmium	165-1	3682400	3640556	3664633	3662530	0.57	cps
Holmium	165-2	2492888	2617750	2540774	2550471	2.47	cps
Indium	115-1	2492558	2484824	2497622	2491668	0.26	cps
Indium	115-2	796856	813910	822661	811142	1.62	cps
Iron	56-2	146098981	148724234	145490968	146771394	1.17	cps
Iron	57-2	3611663	3664780	3613871	3630105	0.83	cps
Iron	54-2	7922520	7962636	7995877	7960344	0.46	cps
Krypton	83-1	77	90	63	77	17.39	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:32:34	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8097621	8325186	8539256	8320687	2.65	cps
Lead	207-1	7115247	7210218	7479095	7268186	2.60	cps
Lead	208-1	32424714	32967837	34148060	33180204	2.66	cps
Lithium	6-1	601790	605609	618974	608791	1.48	cps
Magnesium	24-2	31823005	32025717	31762910	31870544	0.43	cps
Manganese	55-2	5117284	5207237	5211013	5178511	1.02	cps
Molybdenum	94-1	6758593	6819220	6952310	6843374	1.45	cps
Molybdenum	95-1	9867616	9988639	10238276	10031510	1.88	cps
Molybdenum	96-1	10824813	10951908	11136953	10971225	1.43	cps
Molybdenum	97-1	6121052	6333391	6386762	6280402	2.24	cps
Molybdenum	98-1	16124925	16282363	16672638	16359975	1.72	cps
Neodymium	150-1	260	293	247	267	9.01	cps
Neodymium	150-2	63	53	80	66	20.55	cps
Nickel	60-2	247788	249065	247679	248177	0.31	cps
Phosphorus	31-2	38178	38525	38231	38311	0.49	cps
Potassium	39-2	20096115	20112325	19981714	20063385	0.35	cps
Rhodium	103-1	2102857	2139771	2129051	2123893	0.89	cps
Rhodium	103-2	1192697	1223931	1226081	1214236	1.54	cps
Scandium	45-1	1276553	1285039	1306267	1289286	1.19	cps
Scandium	45-2	116070	118932	121143	118715	2.14	cps
Selenium	82-1	23815	24430	24522	24256	1.58	cps
Selenium	77-2	2447	2514	2414	2458	2.07	cps
Selenium	78-2	8102	8059	8066	8076	0.29	cps
Silicon	28-1	1492328	1509472	1550879	1517560	1.98	cps
Silver	107-1	2122295	2152051	2173965	2149437	1.21	cps
Silver	109-1	2051773	2056026	2112775	2073525	1.64	cps
Sodium	23-2	53330741	53692118	54435661	53819506	1.05	cps
Strontium	86-1	14493868	14759282	14841429	14698193	1.24	cps
Strontium	88-1	127117868	127811511	131519738	128816373	1.84	cps
Sulfur	34-1	222801	225404	228739	225648	1.32	cps
Terbium	159-1	3738106	3718691	3760057	3738951	0.55	cps
Terbium	159-2	2446174	2514776	2459562	2473504	1.47	cps
Thallium	203-1	2035645	2057730	2092065	2061814	1.38	cps
Thallium	205-1	4815166	4871975	4938989	4875376	1.27	cps
Tin	118-1	1682732	1699379	1724771	1702294	1.24	cps
Titanium	47-1	2227720	2267447	2294097	2263088	1.48	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV096	Instrumnet Name :	P7
Client Sample ID :	CCV096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:32:34	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6813026	6880275	6881570	6858290	0.57	cps
Vanadium	51-2	605669	610717	610029	608805	0.45	cps
Yttrium	89-1	4231298	4199102	4242970	4224457	0.54	cps
Yttrium	89-2	1073068	1094381	1101997	1089815	1.38	cps
Zinc	66-2	1159493	1163949	1167959	1163800	0.36	cps
Zirconium	90-1	3028692	3088043	3121293	3079343	1.52	cps
Zirconium	91-1	672216	684751	697795	684921	1.87	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:35:29	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237	267	253	252	5.96	cps
Antimony	121-1	1493	1407	1597	1499	6.35	cps
Arsenic	75-2	13	3	3	7	86.65	cps
Barium	135-1	130	160	140	143	10.66	cps
Barium	137-1	283	237	193	238	18.93	cps
Beryllium	9-1	270	197	200	222	18.63	cps
Bismuth	209-1	2570663	2516858	2518909	2535477	1.20	cps
Bismuth	209-2	1998101	1916933	1994619	1969884	2.33	cps
Bromine	81-1	6428	6375	6725	6509	2.90	cps
Bromine	81-2	47	77	37	53	39.03	cps
Cadmium	108-1	3	13	7	8	65.47	cps
Cadmium	106-1	1190	1170	1337	1232	7.39	cps
Cadmium	111-1	891	863	961	905	5.58	cps
Calcium	43-1	270	177	230	226	20.76	cps
Calcium	44-1	4474	3761	3630	3955	11.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	290	280	293	288	2.41	cps
Cobalt	59-2	80	47	60	62	26.96	cps
Copper	63-2	950	893	897	913	3.48	cps
Dysprosium	156-1	7	7	3	6	34.70	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	20	30	40	30	33.33	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	10	0	23	11	105.35	cps
Gadolinium	160-2	93	140	140	124	21.65	cps
Holmium	165-1	4183032	4054490	4094656	4110726	1.60	cps
Holmium	165-2	2732243	2657802	2690571	2693538	1.39	cps
Indium	115-1	2951671	2924145	2909229	2928348	0.74	cps
Indium	115-2	923627	915124	928168	922306	0.72	cps
Iron	56-2	13590	13423	13359	13457	0.88	cps
Iron	57-2	757	777	733	756	2.87	cps
Iron	54-2	1313	1270	1250	1278	2.53	cps
Krypton	83-1	67	67	80	71	10.82	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:35:29	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	763	650	687	700	8.26	cps
Lead	207-1	783	690	647	707	9.88	cps
Lead	208-1	3377	2897	2767	3014	10.66	cps
Lithium	6-1	715958	712216	717795	715323	0.40	cps
Magnesium	24-2	2174	2013	2050	2079	4.03	cps
Manganese	55-2	447	397	373	406	9.24	cps
Molybdenum	94-1	767	647	663	692	9.39	cps
Molybdenum	95-1	813	587	570	657	20.70	cps
Molybdenum	96-1	950	717	770	812	15.05	cps
Molybdenum	97-1	467	433	410	437	6.52	cps
Molybdenum	98-1	1210	1067	937	1071	12.76	cps
Neodymium	150-1	10	3	0	4	114.60	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	70	73	90	78	13.78	cps
Phosphorus	31-2	110	97	90	99	10.30	cps
Potassium	39-2	33216	32728	31863	32603	2.10	cps
Rhodium	103-1	2600151	2568184	2591747	2586694	0.64	cps
Rhodium	103-2	1432687	1408816	1436818	1426107	1.06	cps
Scandium	45-1	1465791	1428585	1470823	1455066	1.59	cps
Scandium	45-2	128667	124997	129326	127663	1.83	cps
Selenium	82-1	110	80	118	103	19.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	93	93	91	4.22	cps
Silicon	28-1	171393	172943	171651	171995	0.48	cps
Silver	107-1	403	313	250	322	23.91	cps
Silver	109-1	380	293	250	308	21.51	cps
Sodium	23-2	16282	15772	15635	15896	2.15	cps
Strontium	86-1	830	660	530	673	22.34	cps
Strontium	88-1	5961	4544	3791	4765	23.13	cps
Sulfur	34-1	104202	105779	107095	105692	1.37	cps
Terbium	159-1	4224581	4141812	4202236	4189543	1.02	cps
Terbium	159-2	2618208	2638168	2658373	2638250	0.76	cps
Thallium	203-1	443	313	293	350	23.27	cps
Thallium	205-1	1000	743	680	808	20.98	cps
Tin	118-1	1003	1077	1487	1189	21.91	cps
Titanium	47-1	180	113	160	151	22.64	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB096	Instrumnet Name :	P7
Client Sample ID :	CCB096	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:35:29	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	260	213	183	219	17.65	cps
Vanadium	51-2	23	33	40	32	26.04	cps
Yttrium	89-1	4732780	4690053	4735992	4719608	0.54	cps
Yttrium	89-2	1177634	1169718	1188209	1178520	0.79	cps
Zinc	66-2	137	140	130	136	3.76	cps
Zirconium	90-1	863	760	763	796	7.38	cps
Zirconium	91-1	203	187	167	186	9.89	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-05	Instrumnet Name :	P7
Client Sample ID :	MYD5K7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:38:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4366612	4378010	4265648	4336756	1.43	cps
Antimony	121-1	6235	6755	6618	6536	4.13	cps
Arsenic	75-2	42243	41234	41652	41710	1.22	cps
Barium	135-1	828697	838447	847972	838372	1.15	cps
Barium	137-1	1435243	1457648	1475895	1456262	1.40	cps
Beryllium	9-1	1017	1073	1017	1036	3.16	cps
Bismuth	209-1	2555357	2595242	2596984	2582528	0.91	cps
Bismuth	209-2	2008989	2024949	2001748	2011895	0.59	cps
Bromine	81-1	7045	7095	7535	7225	3.73	cps
Bromine	81-2	167	167	163	166	1.16	cps
Cadmium	108-1	200	210	227	212	6.35	cps
Cadmium	106-1	1847	1717	1920	1828	5.63	cps
Cadmium	111-1	3300	3192	3446	3312	3.85	cps
Calcium	43-1	76110	76900	77737	76916	1.06	cps
Calcium	44-1	1217170	1251983	1261242	1243465	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	189771	190679	188600	189683	0.55	cps
Cobalt	59-2	202605	200004	200362	200990	0.70	cps
Copper	63-2	558001	555085	547791	553626	0.95	cps
Dysprosium	156-1	35187	35518	36384	35696	1.73	cps
Dysprosium	156-2	26702	27290	27160	27051	1.14	cps
Erbium	164-1	29244	29184	28927	29118	0.58	cps
Erbium	164-2	19370	19480	18549	19133	2.66	cps
Gadolinium	160-1	30891	31709	31402	31334	1.32	cps
Gadolinium	160-2	21764	21633	21543	21647	0.51	cps
Holmium	165-1	4184843	4279338	4285305	4249829	1.33	cps
Holmium	165-2	2918946	2860365	2830036	2869782	1.57	cps
Indium	115-1	3006692	3056380	3064165	3042412	1.02	cps
Indium	115-2	961356	959154	955625	958712	0.30	cps
Iron	56-2	242365510	242065743	237421050	240617434	1.15	cps
Iron	57-2	5920718	5889253	5807185	5872385	1.00	cps
Iron	54-2	13029843	13042607	12779118	12950522	1.15	cps
Krypton	83-1	100	110	107	106	4.82	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-05	Instrumnet Name :	P7
Client Sample ID :	MYD5K7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:38:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	396064	398341	405386	399931	1.22	cps
Lead	207-1	351380	357159	360518	356352	1.30	cps
Lead	208-1	1585691	1610008	1626609	1607436	1.28	cps
Lithium	6-1	761240	769082	777093	769138	1.03	cps
Magnesium	24-2	4160152	4118979	4092445	4123859	0.83	cps
Manganese	55-2	13168017	13080820	12984057	13077632	0.70	cps
Molybdenum	94-1	24591	25472	25509	25191	2.06	cps
Molybdenum	95-1	4611	4747	4634	4664	1.57	cps
Molybdenum	96-1	10988	11351	11885	11408	3.96	cps
Molybdenum	97-1	2794	2697	2750	2747	1.76	cps
Molybdenum	98-1	6798	6828	6558	6728	2.20	cps
Neodymium	150-1	53772	54966	55000	54580	1.28	cps
Neodymium	150-2	30212	30059	30015	30095	0.34	cps
Nickel	60-2	57640	57479	55981	57033	1.60	cps
Phosphorus	31-2	8606	8856	8536	8666	1.94	cps
Potassium	39-2	2244524	2174988	2194734	2204748	1.63	cps
Rhodium	103-1	2625767	2617819	2688894	2644160	1.47	cps
Rhodium	103-2	1492991	1493033	1480325	1488783	0.49	cps
Scandium	45-1	1733153	1758323	1787191	1759556	1.54	cps
Scandium	45-2	152216	153724	152778	152906	0.50	cps
Selenium	82-1	138	155	159	151	7.29	cps
Selenium	77-2	77	73	77	76	2.55	cps
Selenium	78-2	193	207	147	182	17.29	cps
Silicon	28-1	14563157	14962490	15197920	14907856	2.15	cps
Silver	107-1	3354	3320	3340	3338	0.50	cps
Silver	109-1	3184	3107	3117	3136	1.33	cps
Sodium	23-2	69830	69640	68602	69357	0.95	cps
Strontium	86-1	106827	108989	109167	108328	1.20	cps
Strontium	88-1	939244	955701	969140	954695	1.57	cps
Sulfur	34-1	106189	104480	101746	104138	2.15	cps
Terbium	159-1	4281287	4307237	4451369	4346631	2.11	cps
Terbium	159-2	2780892	2817376	2789436	2795902	0.68	cps
Thallium	203-1	2197	1997	1960	2051	6.21	cps
Thallium	205-1	5004	4688	4741	4811	3.53	cps
Tin	118-1	10928	10854	11481	11088	3.09	cps
Titanium	47-1	472548	484204	485178	480643	1.46	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-05	Instrumnet Name :	P7
Client Sample ID :	MYD5K7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:38:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14448	14411	14628	14496	0.80	cps
Vanadium	51-2	452271	447575	446281	448709	0.70	cps
Yttrium	89-1	5312854	5308110	5353707	5324891	0.47	cps
Yttrium	89-2	1349635	1357830	1342063	1349843	0.58	cps
Zinc	66-2	108325	108272	105855	107484	1.31	cps
Zirconium	90-1	61425	60889	61836	61383	0.77	cps
Zirconium	91-1	13163	13870	14390	13808	4.46	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:42:08	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3748150	3662616	3713874	3708213	1.16	cps
Antimony	121-1	8703	8292	8222	8406	3.09	cps
Arsenic	75-2	32703	31377	31694	31924	2.17	cps
Barium	135-1	1698893	1695876	1678124	1690964	0.66	cps
Barium	137-1	2899561	2905328	2884673	2896521	0.37	cps
Beryllium	9-1	1207	1270	1173	1217	4.04	cps
Bismuth	209-1	2580917	2549996	2549558	2560157	0.70	cps
Bismuth	209-2	1839776	1977264	1921370	1912803	3.61	cps
Bromine	81-1	7792	7525	7495	7604	2.15	cps
Bromine	81-2	170	160	177	169	4.97	cps
Cadmium	108-1	197	210	237	214	9.50	cps
Cadmium	106-1	1880	1833	1907	1873	1.98	cps
Cadmium	111-1	3262	3173	3273	3236	1.69	cps
Calcium	43-1	70161	68349	67228	68579	2.16	cps
Calcium	44-1	1109541	1110199	1095475	1105072	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156351	154044	156560	155652	0.90	cps
Cobalt	59-2	195705	192399	191353	193152	1.18	cps
Copper	63-2	455545	449406	448194	451048	0.87	cps
Dysprosium	156-1	42681	43019	41983	42561	1.24	cps
Dysprosium	156-2	30670	30957	31576	31068	1.49	cps
Erbium	164-1	28616	29177	28412	28735	1.38	cps
Erbium	164-2	18409	18245	18335	18330	0.45	cps
Gadolinium	160-1	34930	34860	34847	34879	0.13	cps
Gadolinium	160-2	23520	23219	23410	23383	0.65	cps
Holmium	165-1	4198721	4245368	4165818	4203302	0.95	cps
Holmium	165-2	2581454	2804453	2741355	2709087	4.24	cps
Indium	115-1	2972781	3011131	3017173	3000361	0.80	cps
Indium	115-2	859019	931551	907123	899231	4.10	cps
Iron	56-2	283859669	283131842	279957762	282316425	0.73	cps
Iron	57-2	6980221	6823737	6819812	6874590	1.33	cps
Iron	54-2	15473249	15088284	15226981	15262838	1.28	cps
Krypton	83-1	110	97	93	100	8.82	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:42:08	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	495784	498099	497591	497158	0.24	cps
Lead	207-1	448025	453681	449084	450264	0.67	cps
Lead	208-1	2005953	2022581	2005768	2011434	0.48	cps
Lithium	6-1	746012	742857	745496	744789	0.23	cps
Magnesium	24-2	3556049	3496788	3574905	3542581	1.15	cps
Manganese	55-2	22501747	22408251	22472991	22460996	0.21	cps
Molybdenum	94-1	30896	30652	30398	30649	0.81	cps
Molybdenum	95-1	5838	5725	5578	5713	2.28	cps
Molybdenum	96-1	13266	13656	13143	13355	2.01	cps
Molybdenum	97-1	3017	3134	3104	3085	1.96	cps
Molybdenum	98-1	7705	7639	7569	7638	0.90	cps
Neodymium	150-1	66278	67172	65256	66236	1.45	cps
Neodymium	150-2	35622	34823	34245	34896	1.98	cps
Nickel	60-2	50645	49187	49849	49894	1.46	cps
Phosphorus	31-2	10097	10023	10193	10105	0.84	cps
Potassium	39-2	2117409	2081629	2081642	2093560	0.99	cps
Rhodium	103-1	2620977	2617696	2617258	2618644	0.08	cps
Rhodium	103-2	1329054	1443930	1406252	1393078	4.20	cps
Scandium	45-1	1706331	1675936	1647346	1676537	1.76	cps
Scandium	45-2	132763	141810	138907	137827	3.35	cps
Selenium	82-1	106	148	178	144	25.17	cps
Selenium	77-2	60	70	83	71	16.46	cps
Selenium	78-2	110	157	120	129	19.06	cps
Silicon	28-1	15424684	15274645	15153938	15284422	0.89	cps
Silver	107-1	2657	2700	2640	2666	1.16	cps
Silver	109-1	2517	2577	2740	2611	4.43	cps
Sodium	23-2	60729	60940	60622	60764	0.27	cps
Strontium	86-1	149999	150746	149139	149961	0.54	cps
Strontium	88-1	1311988	1321747	1316456	1316730	0.37	cps
Sulfur	34-1	100068	99551	97418	99012	1.42	cps
Terbium	159-1	4347382	4258473	4246456	4284104	1.29	cps
Terbium	159-2	2534294	2738043	2682332	2651556	3.97	cps
Thallium	203-1	1957	1883	1890	1910	2.12	cps
Thallium	205-1	4417	4514	4504	4479	1.19	cps
Tin	118-1	9944	10197	10054	10065	1.26	cps
Titanium	47-1	412340	411321	405530	409730	0.90	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:42:08	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15833	15629	15816	15759	0.72	cps
Vanadium	51-2	370038	365057	367470	367522	0.68	cps
Yttrium	89-1	5267877	5258976	5257232	5261362	0.11	cps
Yttrium	89-2	1202310	1296450	1270949	1256570	3.87	cps
Zinc	66-2	124490	122998	124634	124041	0.73	cps
Zirconium	90-1	75328	76374	76196	75966	0.74	cps
Zirconium	91-1	16866	16793	17127	16929	1.04	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-07	Instrumnet Name :	P7
Client Sample ID :	MYD5K9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:45:23	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3405140	3381036	3351989	3379388	0.79	cps
Antimony	121-1	7189	7612	7219	7340	3.22	cps
Arsenic	75-2	25562	25736	25759	25686	0.42	cps
Barium	135-1	948644	947681	941070	945799	0.44	cps
Barium	137-1	1728926	1759801	1721643	1736790	1.17	cps
Beryllium	9-1	1113	1243	1063	1140	8.15	cps
Bismuth	209-1	2478062	2501066	2520384	2499837	0.85	cps
Bismuth	209-2	1920192	1885243	1899789	1901741	0.92	cps
Bromine	81-1	7359	7065	7439	7287	2.70	cps
Bromine	81-2	180	137	130	149	18.23	cps
Cadmium	108-1	243	207	220	223	8.31	cps
Cadmium	106-1	1750	1763	1590	1701	5.67	cps
Cadmium	111-1	2788	2937	2776	2834	3.16	cps
Calcium	43-1	56949	58087	56682	57240	1.30	cps
Calcium	44-1	924762	928077	924197	925679	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	159941	157998	157877	158605	0.73	cps
Cobalt	59-2	153815	151172	152007	152331	0.89	cps
Copper	63-2	355461	354297	352688	354149	0.39	cps
Dysprosium	156-1	30901	30570	31124	30865	0.90	cps
Dysprosium	156-2	23416	22935	23293	23215	1.08	cps
Erbium	164-1	22775	23486	23233	23165	1.56	cps
Erbium	164-2	15155	14481	14598	14745	2.44	cps
Gadolinium	160-1	26929	26258	27226	26805	1.85	cps
Gadolinium	160-2	18229	17798	17838	17955	1.32	cps
Holmium	165-1	4169745	4115778	4123136	4136220	0.71	cps
Holmium	165-2	2660890	2660642	2662281	2661271	0.03	cps
Indium	115-1	2955354	2952442	2900987	2936261	1.04	cps
Indium	115-2	903841	891086	894886	896604	0.73	cps
Iron	56-2	211664550	208756637	210441357	210287515	0.69	cps
Iron	57-2	5190866	5112018	5185621	5162835	0.85	cps
Iron	54-2	11471880	11515983	11384633	11457499	0.58	cps
Krypton	83-1	120	93	110	108	12.50	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-07	Instrumnet Name :	P7
Client Sample ID :	MYD5K9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:45:23	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	304241	309640	309025	307635	0.96	cps
Lead	207-1	276387	271581	270661	272876	1.13	cps
Lead	208-1	1219757	1239314	1226054	1228375	0.81	cps
Lithium	6-1	717176	723674	720612	720487	0.45	cps
Magnesium	24-2	3031274	3025575	3008606	3021818	0.39	cps
Manganese	55-2	11845647	11597256	11578622	11673842	1.28	cps
Molybdenum	94-1	27970	28150	28648	28256	1.24	cps
Molybdenum	95-1	3560	3557	3504	3540	0.90	cps
Molybdenum	96-1	10684	10901	10724	10770	1.07	cps
Molybdenum	97-1	2217	2220	1997	2145	5.97	cps
Molybdenum	98-1	5144	5188	5158	5163	0.43	cps
Neodymium	150-1	49446	50764	50379	50197	1.35	cps
Neodymium	150-2	27036	26662	26612	26770	0.87	cps
Nickel	60-2	52113	50866	50993	51324	1.34	cps
Phosphorus	31-2	7852	8082	8326	8087	2.93	cps
Potassium	39-2	1572458	1573769	1571189	1572472	0.08	cps
Rhodium	103-1	2565465	2513584	2530743	2536598	1.04	cps
Rhodium	103-2	1398418	1388581	1379357	1388786	0.69	cps
Scandium	45-1	1620632	1599921	1563004	1594519	1.83	cps
Scandium	45-2	136932	136189	137379	136833	0.44	cps
Selenium	82-1	129	134	116	126	7.38	cps
Selenium	77-2	63	50	77	63	21.06	cps
Selenium	78-2	117	127	147	130	11.75	cps
Silicon	28-1	14715488	14731327	14686011	14710942	0.16	cps
Silver	107-1	1850	1743	1970	1855	6.12	cps
Silver	109-1	1530	1790	1900	1740	10.92	cps
Sodium	23-2	62409	61756	61603	61923	0.69	cps
Strontium	86-1	81440	82593	80307	81447	1.40	cps
Strontium	88-1	717803	726713	720260	721592	0.64	cps
Sulfur	34-1	93611	93782	93017	93470	0.43	cps
Terbium	159-1	4286676	4195270	4167123	4216357	1.48	cps
Terbium	159-2	2636685	2606717	2609220	2617541	0.64	cps
Thallium	203-1	1773	1657	1743	1725	3.51	cps
Thallium	205-1	4167	4137	4244	4183	1.32	cps
Tin	118-1	9633	9453	9447	9511	1.11	cps
Titanium	47-1	500562	501947	497803	500104	0.42	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-07	Instrumnet Name :	P7
Client Sample ID :	MYD5K9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:45:23	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13160	12533	12586	12760	2.73	cps
Vanadium	51-2	332095	329261	331480	330945	0.45	cps
Yttrium	89-1	5047816	5020918	5062064	5043600	0.41	cps
Yttrium	89-2	1243433	1223040	1221557	1229344	0.99	cps
Zinc	66-2	84996	84816	83968	84593	0.65	cps
Zirconium	90-1	71486	70679	69547	70571	1.38	cps
Zirconium	91-1	15185	15672	15972	15610	2.55	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:48:42	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3598965	3571075	3567507	3579183	0.48	cps
Antimony	121-1	4377	4591	4547	4505	2.50	cps
Arsenic	75-2	20084	20274	19733	20030	1.37	cps
Barium	135-1	845464	855127	845995	848862	0.64	cps
Barium	137-1	1463374	1473120	1459060	1465185	0.49	cps
Beryllium	9-1	963	960	1137	1020	9.91	cps
Bismuth	209-1	2336619	2294040	2281104	2303921	1.26	cps
Bismuth	209-2	1604190	1592061	1763497	1653250	5.79	cps
Bromine	81-1	6431	6682	6628	6580	2.00	cps
Bromine	81-2	140	163	140	148	9.12	cps
Cadmium	108-1	183	130	120	144	23.57	cps
Cadmium	106-1	1590	1580	1497	1556	3.29	cps
Cadmium	111-1	2088	1988	1954	2010	3.47	cps
Calcium	43-1	67677	66810	65711	66732	1.48	cps
Calcium	44-1	1082977	1085164	1083669	1083937	0.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	148623	148169	146651	147814	0.70	cps
Cobalt	59-2	164682	162304	162923	163303	0.76	cps
Copper	63-2	278829	279035	275714	277859	0.67	cps
Dysprosium	156-1	34796	34579	34559	34645	0.38	cps
Dysprosium	156-2	27420	26659	27170	27083	1.43	cps
Erbium	164-1	23977	24181	24395	24184	0.86	cps
Erbium	164-2	16216	16219	16580	16339	1.28	cps
Gadolinium	160-1	29357	29591	29755	29568	0.68	cps
Gadolinium	160-2	21236	20498	20459	20731	2.11	cps
Holmium	165-1	3813153	3754515	3827641	3798436	1.02	cps
Holmium	165-2	2543385	2506784	2520319	2523496	0.73	cps
Indium	115-1	2722223	2640116	2671544	2677961	1.55	cps
Indium	115-2	827672	831584	828118	829125	0.26	cps
Iron	56-2	213536423	212932603	210874797	212447941	0.66	cps
Iron	57-2	5273562	5282440	5237742	5264581	0.45	cps
Iron	54-2	11591651	11567341	11534222	11564405	0.25	cps
Krypton	83-1	143	83	110	112	26.79	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:48:42	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	289188	291734	289841	290254	0.46	cps
Lead	207-1	262126	262245	261379	261917	0.18	cps
Lead	208-1	1170319	1175759	1174965	1173681	0.25	cps
Lithium	6-1	663381	662886	662652	662973	0.06	cps
Magnesium	24-2	3308959	3280421	3271637	3287006	0.59	cps
Manganese	55-2	15194669	15207111	15023152	15141644	0.68	cps
Molybdenum	94-1	25853	26514	26137	26168	1.27	cps
Molybdenum	95-1	4301	4174	4097	4191	2.45	cps
Molybdenum	96-1	10784	10704	10501	10663	1.37	cps
Molybdenum	97-1	2377	2464	2347	2396	2.53	cps
Molybdenum	98-1	5808	5821	5971	5867	1.55	cps
Neodymium	150-1	56904	57008	57721	57211	0.78	cps
Neodymium	150-2	31565	31402	31502	31490	0.26	cps
Nickel	60-2	45134	44653	44058	44615	1.21	cps
Phosphorus	31-2	7789	7872	7949	7870	1.02	cps
Potassium	39-2	1799436	1822594	1834688	1818906	0.98	cps
Rhodium	103-1	2311749	2291184	2259404	2287446	1.15	cps
Rhodium	103-2	1277720	1283229	1269165	1276705	0.56	cps
Scandium	45-1	1456111	1432690	1433633	1440812	0.92	cps
Scandium	45-2	126167	125850	125356	125791	0.32	cps
Selenium	82-1	73	136	91	100	32.73	cps
Selenium	77-2	50	67	90	69	29.17	cps
Selenium	78-2	87	120	143	117	24.41	cps
Silicon	28-1	13166136	13252288	13103063	13173829	0.57	cps
Silver	107-1	1167	1123	1193	1161	3.04	cps
Silver	109-1	1020	1060	1127	1069	5.04	cps
Sodium	23-2	53268	53496	52881	53215	0.58	cps
Strontium	86-1	114457	114393	112505	113785	0.97	cps
Strontium	88-1	1006033	1010485	1003896	1006805	0.33	cps
Sulfur	34-1	85903	86563	85219	85895	0.78	cps
Terbium	159-1	3845642	3892416	3860119	3866059	0.62	cps
Terbium	159-2	2478245	2442869	2441573	2454229	0.85	cps
Thallium	203-1	1747	1637	1713	1699	3.32	cps
Thallium	205-1	4131	3987	3894	4004	2.98	cps
Tin	118-1	8863	8519	8493	8625	2.39	cps
Titanium	47-1	429653	429187	428224	429021	0.17	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:48:42	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15539	15596	15593	15576	0.20	cps
Vanadium	51-2	312722	311203	311228	311718	0.28	cps
Yttrium	89-1	4607483	4600587	4547573	4585215	0.71	cps
Yttrium	89-2	1146060	1148562	1145818	1146813	0.13	cps
Zinc	66-2	94376	93235	92990	93534	0.79	cps
Zirconium	90-1	64989	64876	64477	64781	0.42	cps
Zirconium	91-1	14057	14584	14818	14486	2.69	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-09	Instrumnet Name :	P7
Client Sample ID :	MYD4E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:51:59	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3252727	3220425	3292042	3255065	1.10	cps
Antimony	121-1	3614	3447	3307	3456	4.44	cps
Arsenic	75-2	10741	10721	10801	10754	0.39	cps
Barium	135-1	804624	806954	802969	804849	0.25	cps
Barium	137-1	1391617	1405037	1400103	1398919	0.49	cps
Beryllium	9-1	1293	1260	1377	1310	4.59	cps
Bismuth	209-1	2250294	2282047	2282974	2271772	0.82	cps
Bismuth	209-2	1768020	1568004	1572724	1636250	6.98	cps
Bromine	81-1	6732	6865	7005	6867	1.99	cps
Bromine	81-2	230	257	223	237	7.45	cps
Cadmium	108-1	240	313	213	256	20.26	cps
Cadmium	106-1	1797	1820	1830	1816	0.94	cps
Cadmium	111-1	3037	2805	3099	2980	5.19	cps
Calcium	43-1	598623	593164	591277	594355	0.64	cps
Calcium	44-1	8963544	8997355	9021534	8994144	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79036	79320	78402	78919	0.60	cps
Cobalt	59-2	67943	67739	67340	67674	0.45	cps
Copper	63-2	278279	280279	278894	279151	0.37	cps
Dysprosium	156-1	45841	45781	46597	46073	0.99	cps
Dysprosium	156-2	36618	36491	36056	36388	0.81	cps
Erbium	164-1	31502	31616	31512	31543	0.20	cps
Erbium	164-2	21026	20786	20759	20857	0.71	cps
Gadolinium	160-1	39405	38603	38874	38961	1.05	cps
Gadolinium	160-2	26769	26472	26532	26591	0.59	cps
Holmium	165-1	3769384	3751884	3781584	3767618	0.40	cps
Holmium	165-2	2490325	2458994	2480230	2476516	0.65	cps
Indium	115-1	2620634	2598825	2597355	2605605	0.50	cps
Indium	115-2	823527	819512	818414	820484	0.33	cps
Iron	56-2	77498469	77490322	77975626	77654806	0.36	cps
Iron	57-2	1928600	1981659	1958426	1956228	1.36	cps
Iron	54-2	4288605	4245051	4225243	4252967	0.76	cps
Krypton	83-1	97	73	100	90	16.15	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-09	Instrumnet Name :	P7
Client Sample ID :	MYD4E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:51:59	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	462266	459506	456477	459416	0.63	cps
Lead	207-1	408233	408799	410802	409278	0.33	cps
Lead	208-1	1845326	1850615	1845947	1847296	0.16	cps
Lithium	6-1	646034	647136	642008	645059	0.42	cps
Magnesium	24-2	2498613	2534217	2533124	2521984	0.80	cps
Manganese	55-2	1801563	1791285	1769979	1787609	0.90	cps
Molybdenum	94-1	42291	43628	43621	43180	1.78	cps
Molybdenum	95-1	1483	1470	1560	1505	3.23	cps
Molybdenum	96-1	9697	9400	9687	9594	1.76	cps
Molybdenum	97-1	883	960	997	947	6.11	cps
Molybdenum	98-1	2507	2340	2417	2421	3.45	cps
Neodymium	150-1	91565	90890	90732	91062	0.49	cps
Neodymium	150-2	50035	50286	49871	50064	0.42	cps
Nickel	60-2	46662	46903	46950	46838	0.33	cps
Phosphorus	31-2	15865	16369	15625	15953	2.38	cps
Potassium	39-2	1476036	1483746	1490991	1483591	0.50	cps
Rhodium	103-1	2266270	2261568	2252989	2260276	0.30	cps
Rhodium	103-2	1260242	1247667	1246825	1251578	0.60	cps
Scandium	45-1	1383086	1338604	1347577	1356422	1.73	cps
Scandium	45-2	118875	118297	120336	119169	0.88	cps
Selenium	82-1	151	195	158	168	13.82	cps
Selenium	77-2	103	80	83	89	14.20	cps
Selenium	78-2	130	150	140	140	7.14	cps
Silicon	28-1	13262046	13276725	13172922	13237231	0.42	cps
Silver	107-1	4704	4921	5011	4879	3.23	cps
Silver	109-1	4601	4667	4751	4673	1.61	cps
Sodium	23-2	89967	90977	90953	90632	0.64	cps
Strontium	86-1	567129	561732	564022	564295	0.48	cps
Strontium	88-1	5069556	5028994	5106042	5068197	0.76	cps
Sulfur	34-1	98971	97948	99055	98658	0.62	cps
Terbium	159-1	3845999	3878971	3854205	3859725	0.44	cps
Terbium	159-2	2447676	2440954	2470227	2452952	0.63	cps
Thallium	203-1	1260	1177	1227	1221	3.43	cps
Thallium	205-1	2707	2750	2787	2748	1.46	cps
Tin	118-1	25720	25015	25339	25358	1.39	cps
Titanium	47-1	597916	596415	595853	596728	0.18	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-09	Instrumnet Name :	P7
Client Sample ID :	MYD4E6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:51:59	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17148	17475	17451	17358	1.05	cps
Vanadium	51-2	141334	141896	142475	141902	0.40	cps
Yttrium	89-1	4643201	4637104	4634251	4638185	0.10	cps
Yttrium	89-2	1158290	1156790	1157918	1157666	0.07	cps
Zinc	66-2	112674	113776	113424	113291	0.50	cps
Zirconium	90-1	112757	111754	113813	112775	0.91	cps
Zirconium	91-1	25131	25552	24738	25140	1.62	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-10	Instrumnet Name :	P7
Client Sample ID :	MYD4E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:55:16	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2971761	2933698	2926181	2943880	0.83	cps
Antimony	121-1	2160	2434	2310	2301	5.95	cps
Arsenic	75-2	8676	8696	8656	8676	0.23	cps
Barium	135-1	619181	625372	624950	623168	0.56	cps
Barium	137-1	1078686	1075848	1094016	1082850	0.90	cps
Beryllium	9-1	1170	1180	1157	1169	1.00	cps
Bismuth	209-1	2144852	2156679	2196999	2166177	1.26	cps
Bismuth	209-2	1535301	1530328	1514338	1526656	0.72	cps
Bromine	81-1	6772	6808	6925	6835	1.17	cps
Bromine	81-2	377	320	313	337	10.34	cps
Cadmium	108-1	203	240	243	229	9.70	cps
Cadmium	106-1	1677	1530	1673	1627	5.15	cps
Cadmium	111-1	2298	2256	2368	2307	2.44	cps
Calcium	43-1	616026	624491	622635	621051	0.72	cps
Calcium	44-1	9526395	9522775	9555343	9534838	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69995	69596	69168	69586	0.59	cps
Cobalt	59-2	59715	59568	58731	59338	0.89	cps
Copper	63-2	159553	158988	159402	159314	0.18	cps
Dysprosium	156-1	40375	40064	40264	40234	0.39	cps
Dysprosium	156-2	32187	32113	31930	32077	0.41	cps
Erbium	164-1	28005	27450	28065	27840	1.22	cps
Erbium	164-2	18305	18492	18325	18374	0.56	cps
Gadolinium	160-1	33891	34282	33690	33954	0.89	cps
Gadolinium	160-2	23456	23300	23496	23417	0.44	cps
Holmium	165-1	3579326	3571186	3629843	3593452	0.88	cps
Holmium	165-2	2407646	2436842	2390583	2411691	0.97	cps
Indium	115-1	2483444	2493075	2511694	2496071	0.58	cps
Indium	115-2	797297	793080	786187	792188	0.71	cps
Iron	56-2	64858821	65103051	65231236	65064369	0.29	cps
Iron	57-2	1624529	1597240	1611326	1611032	0.85	cps
Iron	54-2	3572104	3472550	3493635	3512763	1.49	cps
Krypton	83-1	87	80	80	82	4.68	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-10	Instrumnet Name :	P7
Client Sample ID :	MYD4E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:55:16	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	283803	285338	286312	285151	0.44	cps
Lead	207-1	257452	264403	261905	261253	1.35	cps
Lead	208-1	1146925	1164229	1160999	1157384	0.79	cps
Lithium	6-1	593252	599027	605102	599127	0.99	cps
Magnesium	24-2	2230975	2235022	2224468	2230155	0.24	cps
Manganese	55-2	1461824	1448134	1433398	1447785	0.98	cps
Molybdenum	94-1	46276	46373	46594	46414	0.35	cps
Molybdenum	95-1	1267	1163	1313	1248	6.15	cps
Molybdenum	96-1	9380	9680	9463	9508	1.63	cps
Molybdenum	97-1	653	840	800	764	12.86	cps
Molybdenum	98-1	1807	1917	1993	1906	4.92	cps
Neodymium	150-1	76683	78859	78409	77984	1.47	cps
Neodymium	150-2	44333	43203	43748	43761	1.29	cps
Nickel	60-2	39649	39522	39886	39686	0.47	cps
Phosphorus	31-2	16172	15688	15955	15938	1.52	cps
Potassium	39-2	1550533	1528037	1507832	1528801	1.40	cps
Rhodium	103-1	2177268	2138047	2167734	2161016	0.95	cps
Rhodium	103-2	1210390	1198416	1194305	1201037	0.70	cps
Scandium	45-1	1294993	1276761	1273100	1281618	0.91	cps
Scandium	45-2	114438	113037	111886	113120	1.13	cps
Selenium	82-1	173	169	172	171	0.98	cps
Selenium	77-2	67	87	70	74	14.39	cps
Selenium	78-2	123	163	183	157	19.50	cps
Silicon	28-1	12845129	12952544	13009379	12935684	0.64	cps
Silver	107-1	2697	2864	2810	2790	3.05	cps
Silver	109-1	2647	2714	2764	2708	2.16	cps
Sodium	23-2	70645	71518	70544	70902	0.76	cps
Strontium	86-1	484941	488957	488488	487462	0.45	cps
Strontium	88-1	4378862	4430915	4384515	4398097	0.65	cps
Sulfur	34-1	96619	95995	94704	95773	1.02	cps
Terbium	159-1	3647751	3700496	3634758	3661002	0.95	cps
Terbium	159-2	2378389	2387099	2340260	2368583	1.05	cps
Thallium	203-1	1083	1190	1140	1138	4.69	cps
Thallium	205-1	2367	2504	2564	2478	4.07	cps
Tin	118-1	12018	11998	12129	12048	0.58	cps
Titanium	47-1	477692	485768	481580	481680	0.84	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-10	Instrumnet Name :	P7
Client Sample ID :	MYD4E7	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:55:16	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15913	16640	16417	16323	2.28	cps
Vanadium	51-2	119911	117563	117724	118400	1.11	cps
Yttrium	89-1	4423841	4390536	4393422	4402600	0.42	cps
Yttrium	89-2	1105706	1102245	1099737	1102563	0.27	cps
Zinc	66-2	112664	112782	111586	112344	0.59	cps
Zirconium	90-1	121171	121413	121722	121436	0.23	cps
Zirconium	91-1	26835	27372	26794	27000	1.19	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-11	Instrumnet Name :	P7
Client Sample ID :	MYD4E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:58:30	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2944457	2903575	2914184	2920739	0.73	cps
Antimony	121-1	3177	3117	3034	3109	2.32	cps
Arsenic	75-2	10150	9773	10104	10009	2.05	cps
Barium	135-1	691565	694389	698003	694652	0.46	cps
Barium	137-1	1196188	1214864	1212666	1207906	0.85	cps
Beryllium	9-1	1113	1100	1087	1100	1.21	cps
Bismuth	209-1	2189087	2155052	2139276	2161138	1.18	cps
Bismuth	209-2	1542122	1538759	1543978	1541620	0.17	cps
Bromine	81-1	6531	6678	6732	6647	1.56	cps
Bromine	81-2	207	180	223	203	10.75	cps
Cadmium	108-1	240	200	303	248	21.03	cps
Cadmium	106-1	1637	1767	1757	1720	4.21	cps
Cadmium	111-1	2728	2900	2658	2762	4.52	cps
Calcium	43-1	386588	391518	395633	391246	1.16	cps
Calcium	44-1	5896742	5986894	5907197	5930278	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73106	73347	73813	73422	0.49	cps
Cobalt	59-2	64049	65338	64183	64523	1.10	cps
Copper	63-2	242395	241525	241734	241885	0.19	cps
Dysprosium	156-1	40739	41387	40515	40881	1.11	cps
Dysprosium	156-2	33380	34232	33891	33834	1.27	cps
Erbium	164-1	27186	27186	27644	27339	0.97	cps
Erbium	164-2	18479	18706	18863	18683	1.03	cps
Gadolinium	160-1	33734	33858	34556	34049	1.30	cps
Gadolinium	160-2	24842	24345	24451	24546	1.07	cps
Holmium	165-1	3570672	3603345	3570614	3581544	0.53	cps
Holmium	165-2	2451959	2426209	2411794	2429987	0.84	cps
Indium	115-1	2514535	2520750	2466991	2500759	1.18	cps
Indium	115-2	808735	806005	802298	805679	0.40	cps
Iron	56-2	70013756	69238681	69580307	69610915	0.56	cps
Iron	57-2	1746405	1740825	1712676	1733302	1.04	cps
Iron	54-2	3800785	3789421	3820547	3803585	0.41	cps
Krypton	83-1	73	100	93	89	15.61	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-11	Instrumnet Name :	P7
Client Sample ID :	MYD4E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:58:30	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	390120	392799	391037	391319	0.35	cps
Lead	207-1	352364	350894	351243	351500	0.22	cps
Lead	208-1	1577286	1585520	1577179	1579995	0.30	cps
Lithium	6-1	608457	609691	604213	607454	0.47	cps
Magnesium	24-2	2233551	2219497	2229361	2227470	0.32	cps
Manganese	55-2	1879870	1873619	1873119	1875536	0.20	cps
Molybdenum	94-1	45196	45868	46567	45877	1.49	cps
Molybdenum	95-1	1447	1460	1457	1455	0.48	cps
Molybdenum	96-1	9887	9770	10110	9922	1.74	cps
Molybdenum	97-1	847	863	827	846	2.17	cps
Molybdenum	98-1	2374	2217	2210	2267	4.08	cps
Neodymium	150-1	82389	81920	81718	82009	0.42	cps
Neodymium	150-2	45998	46663	46737	46466	0.88	cps
Nickel	60-2	44950	43874	44048	44291	1.30	cps
Phosphorus	31-2	13783	13543	14027	13784	1.75	cps
Potassium	39-2	1377727	1361710	1350135	1363191	1.02	cps
Rhodium	103-1	2220595	2220092	2168491	2203059	1.36	cps
Rhodium	103-2	1226531	1223936	1218722	1223063	0.33	cps
Scandium	45-1	1311041	1288617	1292278	1297312	0.93	cps
Scandium	45-2	117387	115946	115922	116419	0.72	cps
Selenium	82-1	197	125	145	156	23.99	cps
Selenium	77-2	83	83	87	84	2.28	cps
Selenium	78-2	140	177	193	170	16.05	cps
Silicon	28-1	12375082	12571662	12385321	12444022	0.89	cps
Silver	107-1	4327	4114	4511	4317	4.60	cps
Silver	109-1	4034	4077	4074	4062	0.59	cps
Sodium	23-2	76746	76653	77376	76925	0.51	cps
Strontium	86-1	457572	459801	464278	460550	0.74	cps
Strontium	88-1	4083253	4153171	4119135	4118520	0.85	cps
Sulfur	34-1	92555	92749	92340	92548	0.22	cps
Terbium	159-1	3649948	3641330	3573563	3621614	1.16	cps
Terbium	159-2	2447761	2384303	2360813	2397626	1.88	cps
Thallium	203-1	1157	1183	1227	1189	2.97	cps
Thallium	205-1	2750	2770	2680	2734	1.73	cps
Tin	118-1	14934	15592	15248	15258	2.15	cps
Titanium	47-1	561288	572196	568709	567398	0.98	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-11	Instrumnet Name :	P7
Client Sample ID :	MYD4E8	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 16:58:30	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14762	15819	14828	15136	3.91	cps
Vanadium	51-2	129486	128525	128451	128821	0.45	cps
Yttrium	89-1	4418934	4482121	4353205	4418086	1.46	cps
Yttrium	89-2	1122985	1121291	1119421	1121232	0.16	cps
Zinc	66-2	104727	104499	104771	104666	0.14	cps
Zirconium	90-1	121037	121124	121302	121154	0.11	cps
Zirconium	91-1	26277	27312	26681	26757	1.95	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-12	Instrumnet Name :	P7
Client Sample ID :	MYD4E9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:01:47	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2442143	2415343	2408125	2421870	0.74	cps
Antimony	121-1	3797	3677	3757	3744	1.63	cps
Arsenic	75-2	9096	9583	9687	9455	3.33	cps
Barium	135-1	535814	535270	537647	536243	0.23	cps
Barium	137-1	924538	923885	922419	923614	0.12	cps
Beryllium	9-1	1023	1003	940	989	4.40	cps
Bismuth	209-1	2343458	2301872	2252454	2299261	1.98	cps
Bismuth	209-2	1600586	1592621	1595211	1596139	0.25	cps
Bromine	81-1	6525	6642	6548	6572	0.94	cps
Bromine	81-2	243	200	230	224	9.89	cps
Cadmium	108-1	223	243	253	240	6.36	cps
Cadmium	106-1	1550	1587	1863	1667	10.28	cps
Cadmium	111-1	2819	2764	2964	2849	3.63	cps
Calcium	43-1	334214	337041	334088	335114	0.50	cps
Calcium	44-1	5009496	5086302	5108955	5068251	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58914	58687	58228	58610	0.60	cps
Cobalt	59-2	54572	54345	54522	54480	0.22	cps
Copper	63-2	213822	213947	214553	214107	0.18	cps
Dysprosium	156-1	39639	39405	39626	39557	0.33	cps
Dysprosium	156-2	31766	32016	32681	32155	1.47	cps
Erbium	164-1	25877	26432	26385	26231	1.17	cps
Erbium	164-2	17855	17448	16917	17406	2.70	cps
Gadolinium	160-1	32762	32751	32785	32766	0.05	cps
Gadolinium	160-2	22782	22722	22468	22657	0.74	cps
Holmium	165-1	3787856	3786179	3728399	3767478	0.90	cps
Holmium	165-2	2526076	2531007	2524025	2527036	0.14	cps
Indium	115-1	2674702	2693740	2672906	2680449	0.43	cps
Indium	115-2	835048	834801	830507	833452	0.31	cps
Iron	56-2	62266846	61726877	61765454	61919726	0.49	cps
Iron	57-2	1534156	1530731	1535649	1533512	0.16	cps
Iron	54-2	3353128	3383584	3332529	3356414	0.77	cps
Krypton	83-1	90	77	113	93	19.89	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-12	Instrumnet Name :	P7
Client Sample ID :	MYD4E9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:01:47	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	381665	381135	380546	381115	0.15	cps
Lead	207-1	343144	343766	345402	344104	0.34	cps
Lead	208-1	1539436	1542199	1541235	1540957	0.09	cps
Lithium	6-1	635616	636923	633986	635508	0.23	cps
Magnesium	24-2	1815274	1776886	1804148	1798770	1.10	cps
Manganese	55-2	1443820	1473431	1461568	1459606	1.02	cps
Molybdenum	94-1	36125	36048	36262	36145	0.30	cps
Molybdenum	95-1	1263	1247	1343	1285	4.02	cps
Molybdenum	96-1	8146	7909	7819	7958	2.12	cps
Molybdenum	97-1	750	813	737	767	5.34	cps
Molybdenum	98-1	2037	2000	1880	1972	4.16	cps
Neodymium	150-1	77290	78862	78212	78121	1.01	cps
Neodymium	150-2	43079	43407	43136	43207	0.41	cps
Nickel	60-2	34560	35101	33825	34495	1.86	cps
Phosphorus	31-2	11444	11231	11238	11304	1.07	cps
Potassium	39-2	1117567	1116105	1114848	1116173	0.12	cps
Rhodium	103-1	2339889	2308396	2350890	2333058	0.95	cps
Rhodium	103-2	1282444	1278876	1271564	1277628	0.43	cps
Scandium	45-1	1332856	1354757	1351291	1346301	0.87	cps
Scandium	45-2	118875	118189	118076	118380	0.37	cps
Selenium	82-1	187	184	143	171	14.09	cps
Selenium	77-2	103	90	80	91	12.85	cps
Selenium	78-2	153	170	167	163	5.40	cps
Silicon	28-1	12362270	12409039	12449675	12406995	0.35	cps
Silver	107-1	3290	3534	3274	3366	4.32	cps
Silver	109-1	3147	3454	3167	3256	5.27	cps
Sodium	23-2	73163	73692	73742	73532	0.44	cps
Strontium	86-1	324290	323286	323921	323832	0.16	cps
Strontium	88-1	2859014	2925728	2900213	2894985	1.16	cps
Sulfur	34-1	92984	93950	91176	92703	1.52	cps
Terbium	159-1	3866823	3829832	3838582	3845079	0.50	cps
Terbium	159-2	2450323	2498810	2476311	2475148	0.98	cps
Thallium	203-1	910	920	893	908	1.48	cps
Thallium	205-1	2234	2394	2267	2298	3.67	cps
Tin	118-1	19155	17120	17240	17839	6.40	cps
Titanium	47-1	517073	517417	517206	517232	0.03	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-12	Instrumnet Name :	P7
Client Sample ID :	MYD4E9	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:01:47	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13761	13714	13737	13737	0.17	cps
Vanadium	51-2	112277	110930	110705	111304	0.76	cps
Yttrium	89-1	4670996	4694487	4627306	4664263	0.73	cps
Yttrium	89-2	1163225	1155896	1157427	1158849	0.33	cps
Zinc	66-2	110203	108823	109907	109644	0.66	cps
Zirconium	90-1	95360	94850	95232	95147	0.28	cps
Zirconium	91-1	21369	21272	21322	21321	0.23	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-13	Instrumnet Name :	P7
Client Sample ID :	MYD4F0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:05:04	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3129348	3078676	3082325	3096783	0.91	cps
Antimony	121-1	11315	10978	11291	11194	1.68	cps
Arsenic	75-2	42420	40923	41692	41678	1.80	cps
Barium	135-1	465732	476137	477762	473210	1.38	cps
Barium	137-1	804342	817139	826202	815894	1.35	cps
Beryllium	9-1	1057	987	1077	1040	4.54	cps
Bismuth	209-1	2256807	2248565	2271382	2258918	0.51	cps
Bismuth	209-2	1592632	1588198	1567984	1582938	0.83	cps
Bromine	81-1	6818	7205	6918	6981	2.88	cps
Bromine	81-2	243	290	287	273	9.52	cps
Cadmium	108-1	403	377	323	368	11.08	cps
Cadmium	106-1	1907	1703	1743	1785	6.04	cps
Cadmium	111-1	4880	4576	4891	4782	3.74	cps
Calcium	43-1	316354	321056	321340	319584	0.88	cps
Calcium	44-1	4836093	4904660	4935229	4891994	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75276	74777	73669	74574	1.10	cps
Cobalt	59-2	68003	67394	68736	68044	0.99	cps
Copper	63-2	269901	266626	268261	268263	0.61	cps
Dysprosium	156-1	37513	38195	38586	38098	1.43	cps
Dysprosium	156-2	29999	30937	30496	30477	1.54	cps
Erbium	164-1	28533	29361	30390	29428	3.16	cps
Erbium	164-2	19964	19691	19397	19684	1.44	cps
Gadolinium	160-1	33447	33376	34208	33677	1.37	cps
Gadolinium	160-2	23854	24234	23844	23977	0.93	cps
Holmium	165-1	3702130	3734156	3738350	3724878	0.53	cps
Holmium	165-2	2521463	2520129	2510750	2517447	0.23	cps
Indium	115-1	2607969	2584245	2679495	2623903	1.89	cps
Indium	115-2	835650	827489	821243	828127	0.87	cps
Iron	56-2	92468785	92570072	92510699	92516519	0.06	cps
Iron	57-2	2331872	2316063	2278111	2308682	1.20	cps
Iron	54-2	4976826	4934869	4995158	4968951	0.62	cps
Krypton	83-1	110	120	87	106	16.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-13	Instrumnet Name :	P7
Client Sample ID :	MYD4F0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:05:04	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1174324	1194761	1208819	1192634	1.45	cps
Lead	207-1	1100665	1121404	1130475	1117515	1.37	cps
Lead	208-1	5188315	5320170	5286815	5265100	1.30	cps
Lithium	6-1	628274	625307	636812	630131	0.95	cps
Magnesium	24-2	2059060	2032513	2039176	2043583	0.68	cps
Manganese	55-2	1660924	1663012	1648548	1657495	0.47	cps
Molybdenum	94-1	29871	30004	30495	30123	1.09	cps
Molybdenum	95-1	2477	2420	2470	2456	1.26	cps
Molybdenum	96-1	8583	8436	8816	8611	2.23	cps
Molybdenum	97-1	1487	1550	1727	1588	7.83	cps
Molybdenum	98-1	3914	3827	3961	3901	1.74	cps
Neodymium	150-1	67045	67819	70033	68299	2.27	cps
Neodymium	150-2	37640	38386	37700	37909	1.09	cps
Nickel	60-2	31039	30725	30331	30698	1.16	cps
Phosphorus	31-2	12505	12669	12265	12480	1.63	cps
Potassium	39-2	1626352	1630776	1640452	1632527	0.44	cps
Rhodium	103-1	2260272	2224197	2292763	2259078	1.52	cps
Rhodium	103-2	1281218	1270522	1267707	1273149	0.56	cps
Scandium	45-1	1371655	1360242	1357330	1363075	0.56	cps
Scandium	45-2	119738	118765	118213	118905	0.65	cps
Selenium	82-1	268	210	278	252	14.59	cps
Selenium	77-2	60	103	63	76	31.92	cps
Selenium	78-2	140	210	153	168	22.15	cps
Silicon	28-1	13197613	13292164	13505502	13331760	1.18	cps
Silver	107-1	9920	9974	10441	10111	2.83	cps
Silver	109-1	9340	9423	9797	9520	2.56	cps
Sodium	23-2	70560	70604	70658	70607	0.07	cps
Strontium	86-1	272075	275446	277066	274862	0.93	cps
Strontium	88-1	2451381	2471108	2520779	2481090	1.44	cps
Sulfur	34-1	109590	108072	109714	109125	0.84	cps
Terbium	159-1	3796747	3814886	3816519	3809384	0.29	cps
Terbium	159-2	2492332	2440203	2416074	2449536	1.59	cps
Thallium	203-1	1460	1487	1353	1433	4.92	cps
Thallium	205-1	3520	3444	3350	3438	2.48	cps
Tin	118-1	22705	23065	23008	22926	0.84	cps
Titanium	47-1	544532	552800	565991	554441	1.95	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-13	Instrumnet Name :	P7
Client Sample ID :	MYD4F0	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:05:04	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15516	16016	15990	15841	1.78	cps
Vanadium	51-2	151468	150811	151077	151118	0.22	cps
Yttrium	89-1	4616743	4609798	4599870	4608804	0.18	cps
Yttrium	89-2	1175037	1163400	1153972	1164136	0.91	cps
Zinc	66-2	256988	259395	258097	258160	0.47	cps
Zirconium	90-1	75034	76236	78069	76446	2.00	cps
Zirconium	91-1	17027	17100	17814	17314	2.51	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-14	Instrumnet Name :	P7
Client Sample ID :	MYD4F1	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:08:21	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2886880	2879322	2851446	2872549	0.65	cps
Antimony	121-1	15015	15111	14894	15007	0.72	cps
Arsenic	75-2	59489	58866	58193	58849	1.10	cps
Barium	135-1	311077	311614	313255	311982	0.36	cps
Barium	137-1	542142	541250	539752	541048	0.22	cps
Beryllium	9-1	840	887	687	804	13.01	cps
Bismuth	209-1	2249756	2283694	2263371	2265607	0.75	cps
Bismuth	209-2	1586985	1575863	1565468	1576106	0.68	cps
Bromine	81-1	6602	7042	7062	6902	3.77	cps
Bromine	81-2	163	203	180	182	11.03	cps
Cadmium	108-1	260	320	327	302	12.15	cps
Cadmium	106-1	1813	1807	1873	1831	2.01	cps
Cadmium	111-1	4518	4281	4463	4421	2.80	cps
Calcium	43-1	268010	268269	268865	268381	0.16	cps
Calcium	44-1	4120048	4067705	4106662	4098138	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67272	66335	66332	66646	0.81	cps
Cobalt	59-2	79981	79499	79600	79693	0.32	cps
Copper	63-2	171210	169952	169211	170124	0.59	cps
Dysprosium	156-1	33784	33821	34185	33930	0.65	cps
Dysprosium	156-2	26275	26184	26118	26192	0.30	cps
Erbium	164-1	27253	28272	28152	27892	2.00	cps
Erbium	164-2	18269	18128	18335	18244	0.58	cps
Gadolinium	160-1	30153	31442	30042	30546	2.55	cps
Gadolinium	160-2	20782	21921	21573	21425	2.72	cps
Holmium	165-1	3700452	3680074	3660229	3680252	0.55	cps
Holmium	165-2	2492506	2441398	2439263	2457723	1.23	cps
Indium	115-1	2621122	2629652	2644276	2631683	0.44	cps
Indium	115-2	826856	821453	807979	818763	1.19	cps
Iron	56-2	117180315	116883362	115531502	116531726	0.75	cps
Iron	57-2	2897145	2877364	2865403	2879971	0.56	cps
Iron	54-2	6285920	6312801	6255175	6284632	0.46	cps
Krypton	83-1	90	73	127	97	28.23	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-14	Instrumnet Name :	P7
Client Sample ID :	MYD4F1	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:08:21	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1010604	1017677	1009460	1012580	0.44	cps
Lead	207-1	964147	966089	963112	964449	0.16	cps
Lead	208-1	4526022	4551589	4493640	4523750	0.64	cps
Lithium	6-1	613927	617531	621475	617644	0.61	cps
Magnesium	24-2	2040582	2066100	1992134	2032939	1.85	cps
Manganese	55-2	1827677	1795367	1798629	1807224	0.98	cps
Molybdenum	94-1	18829	19086	18896	18937	0.70	cps
Molybdenum	95-1	2710	2804	2664	2726	2.62	cps
Molybdenum	96-1	7465	7435	7189	7363	2.06	cps
Molybdenum	97-1	1627	1603	1787	1672	5.97	cps
Molybdenum	98-1	4497	4314	4324	4378	2.36	cps
Neodymium	150-1	54371	55689	54729	54930	1.24	cps
Neodymium	150-2	31071	30657	29755	30494	2.21	cps
Nickel	60-2	20784	21075	20634	20831	1.08	cps
Phosphorus	31-2	8976	8806	8793	8858	1.15	cps
Potassium	39-2	1110300	1102848	1088020	1100389	1.03	cps
Rhodium	103-1	2236939	2237724	2261554	2245406	0.62	cps
Rhodium	103-2	1253839	1252897	1244453	1250396	0.41	cps
Scandium	45-1	1363104	1370733	1355666	1363168	0.55	cps
Scandium	45-2	119355	118506	117918	118593	0.61	cps
Selenium	82-1	337	306	292	312	7.45	cps
Selenium	77-2	63	43	83	63	31.58	cps
Selenium	78-2	173	280	180	211	28.30	cps
Silicon	28-1	12758230	12854767	12785001	12799333	0.39	cps
Silver	107-1	8379	8539	8583	8500	1.26	cps
Silver	109-1	8012	8132	8136	8093	0.87	cps
Sodium	23-2	80281	80764	80358	80467	0.32	cps
Strontium	86-1	103474	104541	104111	104042	0.52	cps
Strontium	88-1	914689	912025	910309	912341	0.24	cps
Sulfur	34-1	111805	112537	111157	111833	0.62	cps
Terbium	159-1	3821138	3814735	3840760	3825544	0.35	cps
Terbium	159-2	2418797	2382942	2405329	2402356	0.75	cps
Thallium	203-1	1080	1097	1173	1117	4.46	cps
Thallium	205-1	2847	2654	2837	2779	3.92	cps
Tin	118-1	9770	9960	9547	9759	2.12	cps
Titanium	47-1	743164	748147	737146	742819	0.74	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-14	Instrumnet Name :	P7
Client Sample ID :	MYD4F1	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:08:21	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11322	11638	11735	11565	1.87	cps
Vanadium	51-2	209490	207071	207682	208081	0.60	cps
Yttrium	89-1	4627094	4544834	4539047	4570325	1.08	cps
Yttrium	89-2	1155027	1146671	1134169	1145289	0.92	cps
Zinc	66-2	270858	270862	269291	270337	0.33	cps
Zirconium	90-1	46553	46684	47577	46938	1.19	cps
Zirconium	91-1	10484	10300	10577	10454	1.35	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-15	Instrumnet Name :	P7
Client Sample ID :	MYD4F2	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:11:35	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2973463	2973844	2991997	2979768	0.36	cps
Antimony	121-1	13196	13156	12602	12985	2.56	cps
Arsenic	75-2	58833	59020	58712	58855	0.26	cps
Barium	135-1	323041	317644	319276	319987	0.87	cps
Barium	137-1	552304	555462	555820	554529	0.35	cps
Beryllium	9-1	823	917	940	893	6.91	cps
Bismuth	209-1	2173249	2199303	2213226	2195259	0.92	cps
Bismuth	209-2	1546272	1546544	1527927	1540247	0.69	cps
Bromine	81-1	6852	6625	6448	6642	3.05	cps
Bromine	81-2	183	160	130	158	16.95	cps
Cadmium	108-1	333	283	347	321	10.40	cps
Cadmium	106-1	1643	1693	1810	1716	4.99	cps
Cadmium	111-1	4161	4351	4478	4330	3.69	cps
Calcium	43-1	265857	266006	265128	265664	0.18	cps
Calcium	44-1	3991452	4028275	3979565	3999764	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75106	74432	74955	74831	0.47	cps
Cobalt	59-2	86125	85666	86346	86046	0.40	cps
Copper	63-2	167320	169009	168520	168283	0.52	cps
Dysprosium	156-1	31656	32738	32614	32336	1.83	cps
Dysprosium	156-2	25046	24845	24511	24801	1.09	cps
Erbium	164-1	28168	28158	28125	28151	0.08	cps
Erbium	164-2	18706	18285	18763	18585	1.40	cps
Gadolinium	160-1	29975	29795	29695	29822	0.48	cps
Gadolinium	160-2	21410	20866	21093	21123	1.29	cps
Holmium	165-1	3616651	3663870	3623114	3634545	0.70	cps
Holmium	165-2	2457981	2429198	2396067	2427749	1.28	cps
Indium	115-1	2556790	2591989	2554930	2567903	0.81	cps
Indium	115-2	800598	801822	796591	799670	0.34	cps
Iron	56-2	122375368	122846462	121835525	122352452	0.41	cps
Iron	57-2	2983414	3023374	3047402	3018063	1.07	cps
Iron	54-2	6639927	6553137	6480190	6557751	1.22	cps
Krypton	83-1	87	100	77	88	13.33	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-15	Instrumnet Name :	P7
Client Sample ID :	MYD4F2	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:11:35	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1001888	1004883	992891	999887	0.62	cps
Lead	207-1	945083	958907	944922	949637	0.85	cps
Lead	208-1	4434306	4492891	4409713	4445637	0.96	cps
Lithium	6-1	598825	605932	600514	601757	0.62	cps
Magnesium	24-2	2098424	2115471	2119570	2111155	0.53	cps
Manganese	55-2	1755431	1756202	1733739	1748457	0.73	cps
Molybdenum	94-1	21709	21863	21866	21813	0.41	cps
Molybdenum	95-1	2530	2510	2584	2541	1.49	cps
Molybdenum	96-1	7765	7569	7725	7687	1.35	cps
Molybdenum	97-1	1687	1600	1627	1638	2.71	cps
Molybdenum	98-1	4124	4051	4154	4110	1.29	cps
Neodymium	150-1	51912	51781	51473	51722	0.44	cps
Neodymium	150-2	28385	28632	28622	28547	0.49	cps
Nickel	60-2	21505	21632	21502	21547	0.34	cps
Phosphorus	31-2	9296	9500	9670	9489	1.97	cps
Potassium	39-2	1081490	1088035	1082230	1083918	0.33	cps
Rhodium	103-1	2229274	2204950	2194894	2209706	0.80	cps
Rhodium	103-2	1222162	1229926	1217718	1223269	0.51	cps
Scandium	45-1	1347030	1325356	1321038	1331141	1.05	cps
Scandium	45-2	116833	116897	114407	116046	1.22	cps
Selenium	82-1	281	268	337	295	12.39	cps
Selenium	77-2	67	83	93	81	16.60	cps
Selenium	78-2	213	187	200	200	6.67	cps
Silicon	28-1	13097650	13115701	13090291	13101214	0.10	cps
Silver	107-1	9080	8970	8953	9001	0.77	cps
Silver	109-1	8619	8356	8412	8463	1.64	cps
Sodium	23-2	75196	75092	74974	75087	0.15	cps
Strontium	86-1	95276	94893	96178	95449	0.69	cps
Strontium	88-1	833411	837776	838983	836723	0.35	cps
Sulfur	34-1	108851	108297	108955	108701	0.33	cps
Terbium	159-1	3677438	3700609	3691014	3689687	0.32	cps
Terbium	159-2	2380139	2405409	2383815	2389788	0.57	cps
Thallium	203-1	1407	1287	1337	1343	4.49	cps
Thallium	205-1	3090	3094	3290	3158	3.63	cps
Tin	118-1	7625	7739	7592	7652	1.01	cps
Titanium	47-1	749275	752525	751500	751100	0.22	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-15	Instrumnet Name :	P7
Client Sample ID :	MYD4F2	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:11:35	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11829	12056	12066	11983	1.12	cps
Vanadium	51-2	233031	233055	232074	232720	0.24	cps
Yttrium	89-1	4460032	4486930	4498358	4481773	0.44	cps
Yttrium	89-2	1115081	1129203	1115226	1119837	0.72	cps
Zinc	66-2	275474	276034	274810	275439	0.22	cps
Zirconium	90-1	53427	53192	53761	53460	0.53	cps
Zirconium	91-1	11972	12302	11821	12032	2.04	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-16	Instrumnet Name :	P7
Client Sample ID :	MYD4F3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:14:52	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3202137	3176112	3215196	3197815	0.62	cps
Antimony	121-1	4241	4497	3947	4228	6.51	cps
Arsenic	75-2	11535	11381	11364	11427	0.82	cps
Barium	135-1	679530	690398	688925	686284	0.86	cps
Barium	137-1	1180786	1196397	1189654	1188946	0.66	cps
Beryllium	9-1	1203	1207	1147	1186	2.84	cps
Bismuth	209-1	2271423	2240760	2202243	2238142	1.55	cps
Bismuth	209-2	1571681	1548946	1546498	1555708	0.89	cps
Bromine	81-1	6715	7145	6828	6896	3.23	cps
Bromine	81-2	167	203	273	214	25.27	cps
Cadmium	108-1	260	237	250	249	4.70	cps
Cadmium	106-1	1690	1973	1783	1816	7.95	cps
Cadmium	111-1	3008	3096	3120	3075	1.92	cps
Calcium	43-1	374749	379433	376506	376896	0.63	cps
Calcium	44-1	5769105	5721340	5745776	5745407	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79464	80001	79444	79636	0.40	cps
Cobalt	59-2	68184	67015	68070	67756	0.95	cps
Copper	63-2	268019	266883	268383	267762	0.29	cps
Dysprosium	156-1	43788	44373	44042	44068	0.67	cps
Dysprosium	156-2	35916	35973	35014	35634	1.51	cps
Erbium	164-1	30293	30363	29982	30213	0.67	cps
Erbium	164-2	20305	20071	19828	20068	1.19	cps
Gadolinium	160-1	37112	37841	36731	37228	1.51	cps
Gadolinium	160-2	26151	25677	25887	25905	0.92	cps
Holmium	165-1	3652871	3652890	3639279	3648347	0.22	cps
Holmium	165-2	2497858	2423460	2478303	2466540	1.56	cps
Indium	115-1	2593726	2553832	2572265	2573274	0.78	cps
Indium	115-2	810077	800253	799679	803336	0.73	cps
Iron	56-2	82917822	81795439	82516669	82409977	0.69	cps
Iron	57-2	2071792	2032859	2028673	2044441	1.16	cps
Iron	54-2	4519965	4447597	4462825	4476795	0.85	cps
Krypton	83-1	77	63	103	81	25.11	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-16	Instrumnet Name :	P7
Client Sample ID :	MYD4F3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:14:52	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1009167	1024731	1021688	1018528	0.81	cps
Lead	207-1	867434	870139	870031	869201	0.18	cps
Lead	208-1	4291699	4323990	4292616	4302768	0.43	cps
Lithium	6-1	608535	613624	613752	611970	0.49	cps
Magnesium	24-2	2203765	2187108	2198637	2196503	0.39	cps
Manganese	55-2	1761329	1761209	1735870	1752803	0.84	cps
Molybdenum	94-1	51216	52065	51637	51639	0.82	cps
Molybdenum	95-1	1543	1743	1560	1616	6.87	cps
Molybdenum	96-1	11348	11141	11561	11350	1.85	cps
Molybdenum	97-1	940	933	1090	988	8.97	cps
Molybdenum	98-1	2567	2634	2457	2552	3.50	cps
Neodymium	150-1	86252	85802	86037	86030	0.26	cps
Neodymium	150-2	46633	47299	47048	46993	0.72	cps
Nickel	60-2	44349	45054	44914	44772	0.83	cps
Phosphorus	31-2	13299	13653	13643	13532	1.49	cps
Potassium	39-2	1359533	1323113	1359278	1347308	1.56	cps
Rhodium	103-1	2259508	2257252	2211968	2242910	1.20	cps
Rhodium	103-2	1238246	1223370	1231901	1231172	0.61	cps
Scandium	45-1	1351770	1331567	1324410	1335916	1.06	cps
Scandium	45-2	117105	114616	116312	116011	1.10	cps
Selenium	82-1	191	216	124	177	26.89	cps
Selenium	77-2	77	83	80	80	4.16	cps
Selenium	78-2	170	173	150	164	7.68	cps
Silicon	28-1	12984048	13015818	12968703	12989523	0.18	cps
Silver	107-1	4427	4184	4234	4282	3.00	cps
Silver	109-1	4111	3864	3941	3972	3.18	cps
Sodium	23-2	78267	77664	78726	78219	0.68	cps
Strontium	86-1	444075	443803	445979	444619	0.27	cps
Strontium	88-1	3974115	4017462	4021202	4004260	0.65	cps
Sulfur	34-1	89818	89017	86392	88409	2.03	cps
Terbium	159-1	3721883	3723592	3752058	3732511	0.45	cps
Terbium	159-2	2455675	2370919	2423547	2416714	1.77	cps
Thallium	203-1	1087	1263	1067	1139	9.50	cps
Thallium	205-1	2704	2684	2680	2689	0.47	cps
Tin	118-1	357925	360170	362012	360036	0.57	cps
Titanium	47-1	645709	650871	648467	648349	0.40	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-16	Instrumnet Name :	P7
Client Sample ID :	MYD4F3	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:14:52	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15609	16046	15910	15855	1.41	cps
Vanadium	51-2	146216	144958	143269	144814	1.02	cps
Yttrium	89-1	4525843	4486718	4573135	4528565	0.96	cps
Yttrium	89-2	1140627	1126435	1131623	1132895	0.63	cps
Zinc	66-2	113850	112503	114343	113565	0.84	cps
Zirconium	90-1	134286	136645	137809	136247	1.32	cps
Zirconium	91-1	30769	30572	30498	30613	0.46	cps

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On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-17	Instrumnet Name :	P7
Client Sample ID :	MYD4F4	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:18:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3336995	3292792	3368617	3332801	1.14	cps
Antimony	121-1	13046	13380	13166	13197	1.28	cps
Arsenic	75-2	51462	52128	51536	51708	0.71	cps
Barium	135-1	436644	437933	438265	437614	0.20	cps
Barium	137-1	758665	753255	763937	758619	0.70	cps
Beryllium	9-1	993	1033	977	1001	2.91	cps
Bismuth	209-1	2088559	2268913	2249561	2202344	4.50	cps
Bismuth	209-2	1566573	1555046	1562118	1561246	0.37	cps
Bromine	81-1	7122	7008	7269	7133	1.83	cps
Bromine	81-2	343	247	280	290	16.93	cps
Cadmium	108-1	373	383	323	360	8.93	cps
Cadmium	106-1	1650	1670	1770	1697	3.79	cps
Cadmium	111-1	4821	5028	5090	4980	2.83	cps
Calcium	43-1	279514	278832	281578	279975	0.51	cps
Calcium	44-1	4179699	4273026	4258343	4237023	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74711	74754	76443	75302	1.31	cps
Cobalt	59-2	66654	67303	66804	66920	0.51	cps
Copper	63-2	238308	236991	236859	237386	0.34	cps
Dysprosium	156-1	36862	36768	37055	36895	0.40	cps
Dysprosium	156-2	29277	29184	29247	29236	0.16	cps
Erbium	164-1	30019	29718	30236	29991	0.87	cps
Erbium	164-2	20321	19677	20408	20136	1.98	cps
Gadolinium	160-1	33584	33333	34065	33660	1.10	cps
Gadolinium	160-2	24061	24311	24575	24316	1.06	cps
Holmium	165-1	3459629	3645398	3640880	3581969	2.96	cps
Holmium	165-2	2456820	2468163	2495741	2473575	0.81	cps
Indium	115-1	2444257	2638988	2551628	2544958	3.83	cps
Indium	115-2	814971	811883	815522	814125	0.24	cps
Iron	56-2	97132429	95663682	97105335	96633815	0.87	cps
Iron	57-2	2398958	2375007	2418279	2397415	0.90	cps
Iron	54-2	5275868	5267988	5285939	5276599	0.17	cps
Krypton	83-1	70	80	93	81	14.43	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-17	Instrumnet Name :	P7
Client Sample ID :	MYD4F4	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:18:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1264046	1262843	1280882	1269257	0.79	cps
Lead	207-1	1191346	1202477	1204327	1199383	0.59	cps
Lead	208-1	5660496	5675709	5651856	5662687	0.21	cps
Lithium	6-1	575909	617743	612758	602136	3.79	cps
Magnesium	24-2	2130124	2124242	2130410	2128259	0.16	cps
Manganese	55-2	1673964	1639844	1655268	1656359	1.03	cps
Molybdenum	94-1	23559	23769	24257	23862	1.50	cps
Molybdenum	95-1	2230	2227	2457	2305	5.72	cps
Molybdenum	96-1	7299	7349	7252	7300	0.66	cps
Molybdenum	97-1	1427	1483	1420	1443	2.41	cps
Molybdenum	98-1	3667	3410	3567	3548	3.65	cps
Neodymium	150-1	63941	64510	64423	64291	0.48	cps
Neodymium	150-2	36908	36233	36621	36587	0.93	cps
Nickel	60-2	26547	26664	27261	26824	1.43	cps
Phosphorus	31-2	11308	11388	11191	11295	0.88	cps
Potassium	39-2	1815117	1788325	1815171	1806205	0.86	cps
Rhodium	103-1	2143420	2248525	2200932	2197626	2.39	cps
Rhodium	103-2	1227562	1245188	1237513	1236755	0.71	cps
Scandium	45-1	1286548	1353011	1360337	1333299	3.05	cps
Scandium	45-2	117575	117229	117467	117424	0.15	cps
Selenium	82-1	329	350	278	319	11.51	cps
Selenium	77-2	97	107	70	91	20.80	cps
Selenium	78-2	227	207	213	216	4.72	cps
Silicon	28-1	13795647	13805873	13976122	13859214	0.73	cps
Silver	107-1	10897	11461	11144	11168	2.53	cps
Silver	109-1	10334	10817	10821	10657	2.63	cps
Sodium	23-2	72235	70889	73162	72095	1.59	cps
Strontium	86-1	200935	198793	200823	200184	0.60	cps
Strontium	88-1	1794437	1822590	1812124	1809717	0.79	cps
Sulfur	34-1	113135	113568	114149	113617	0.45	cps
Terbium	159-1	3502324	3781106	3731553	3671661	4.05	cps
Terbium	159-2	2438230	2421019	2447619	2435623	0.55	cps
Thallium	203-1	1417	1483	1437	1446	2.37	cps
Thallium	205-1	3474	3697	3571	3581	3.13	cps
Tin	118-1	11164	11091	11385	11213	1.36	cps
Titanium	47-1	552236	554487	560976	555900	0.82	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-17	Instrumnet Name :	P7
Client Sample ID :	MYD4F4	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:18:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14391	14438	14675	14501	1.05	cps
Vanadium	51-2	154956	155050	151778	153928	1.21	cps
Yttrium	89-1	4293018	4602788	4523821	4473209	3.60	cps
Yttrium	89-2	1148947	1142653	1140476	1144025	0.38	cps
Zinc	66-2	275024	272688	276400	274704	0.68	cps
Zirconium	90-1	59955	59861	60347	60054	0.43	cps
Zirconium	91-1	13813	13470	13506	13596	1.39	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-18	Instrumnet Name :	P7
Client Sample ID :	MYD4F5	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:21:21	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2841151	2876734	2817782	2845222	1.04	cps
Antimony	121-1	4264	4257	4124	4215	1.87	cps
Arsenic	75-2	10480	10420	10631	10510	1.03	cps
Barium	135-1	441658	448642	450555	446952	1.05	cps
Barium	137-1	771384	777994	780084	776487	0.58	cps
Beryllium	9-1	970	1147	1023	1047	8.66	cps
Bismuth	209-1	2257343	2301844	2275851	2278346	0.98	cps
Bismuth	209-2	1573222	1577891	1818049	1656387	8.45	cps
Bromine	81-1	7168	6918	6972	7020	1.88	cps
Bromine	81-2	243	273	297	271	9.86	cps
Cadmium	108-1	227	220	170	206	15.07	cps
Cadmium	106-1	1577	1553	1600	1577	1.48	cps
Cadmium	111-1	2455	2484	2581	2507	2.64	cps
Calcium	43-1	157117	158754	159831	158567	0.86	cps
Calcium	44-1	2428792	2462819	2351810	2414474	2.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76492	75414	75169	75692	0.93	cps
Cobalt	59-2	67772	69420	68204	68465	1.25	cps
Copper	63-2	193827	191781	192726	192778	0.53	cps
Dysprosium	156-1	37984	38937	37868	38263	1.53	cps
Dysprosium	156-2	30286	30162	31098	30515	1.66	cps
Erbium	164-1	28145	29017	28980	28714	1.72	cps
Erbium	164-2	19457	19604	19140	19400	1.22	cps
Gadolinium	160-1	33079	33971	33901	33650	1.47	cps
Gadolinium	160-2	23450	23824	23490	23588	0.87	cps
Holmium	165-1	3641128	3775065	3702759	3706317	1.81	cps
Holmium	165-2	2469109	2507136	2540698	2505647	1.43	cps
Indium	115-1	2589275	2672756	2627689	2629907	1.59	cps
Indium	115-2	814557	815189	827407	819051	0.88	cps
Iron	56-2	83404959	82005192	83530065	82980072	1.02	cps
Iron	57-2	2045172	2043117	2052211	2046833	0.23	cps
Iron	54-2	4491334	4512997	4476942	4493758	0.40	cps
Krypton	83-1	110	63	103	92	27.37	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-18	Instrumnet Name :	P7
Client Sample ID :	MYD4F5	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:21:21	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	574342	584088	580324	579585	0.85	cps
Lead	207-1	487340	496814	494904	493019	1.02	cps
Lead	208-1	2241473	2267841	2272798	2260704	0.74	cps
Lithium	6-1	612244	615750	618083	615359	0.48	cps
Magnesium	24-2	1709778	1741940	1736364	1729361	0.99	cps
Manganese	55-2	1653358	1621265	1668251	1647625	1.46	cps
Molybdenum	94-1	29096	29680	29944	29573	1.47	cps
Molybdenum	95-1	2020	2053	2030	2035	0.84	cps
Molybdenum	96-1	8036	8056	8109	8067	0.47	cps
Molybdenum	97-1	1217	1207	1363	1262	6.95	cps
Molybdenum	98-1	3280	3317	3197	3265	1.88	cps
Neodymium	150-1	69972	71312	70632	70639	0.95	cps
Neodymium	150-2	39676	40090	39759	39842	0.55	cps
Nickel	60-2	30925	30351	30852	30709	1.02	cps
Phosphorus	31-2	10274	10447	9907	10209	2.70	cps
Potassium	39-2	1554510	1563575	1558189	1558758	0.29	cps
Rhodium	103-1	2297132	2219964	2257473	2258189	1.71	cps
Rhodium	103-2	1242923	1242900	1270063	1251962	1.25	cps
Scandium	45-1	1332320	1363207	1335100	1343542	1.27	cps
Scandium	45-2	116645	115966	116094	116235	0.31	cps
Selenium	82-1	165	208	139	171	20.58	cps
Selenium	77-2	63	80	100	81	22.64	cps
Selenium	78-2	147	200	143	163	19.47	cps
Silicon	28-1	13194547	13247929	13224051	13222175	0.20	cps
Silver	107-1	2984	3074	2860	2973	3.60	cps
Silver	109-1	2850	2927	2930	2903	1.56	cps
Sodium	23-2	66613	68689	68243	67849	1.61	cps
Strontium	86-1	222512	224641	222546	223233	0.55	cps
Strontium	88-1	1978838	2029920	2036960	2015240	1.57	cps
Sulfur	34-1	81402	80537	79388	80442	1.26	cps
Terbium	159-1	3726990	3784335	3870484	3793937	1.90	cps
Terbium	159-2	2423191	2408238	2450248	2427226	0.88	cps
Thallium	203-1	1230	1233	1393	1286	7.26	cps
Thallium	205-1	2970	2987	2970	2976	0.32	cps
Tin	118-1	23706	23262	23149	23372	1.26	cps
Titanium	47-1	648426	656342	648980	651249	0.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-18	Instrumnet Name :	P7
Client Sample ID :	MYD4F5	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:21:21	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17114	17799	17572	17495	1.99	cps
Vanadium	51-2	137422	138441	136863	137575	0.58	cps
Yttrium	89-1	4495488	4545959	4591442	4544297	1.06	cps
Yttrium	89-2	1136005	1131062	1151823	1139630	0.95	cps
Zinc	66-2	94929	97056	95603	95863	1.13	cps
Zirconium	90-1	75975	76987	77104	76689	0.81	cps
Zirconium	91-1	16783	16636	17180	16866	1.67	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-19	Instrumnet Name :	P7
Client Sample ID :	MYD4F6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:24:35	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2716124	2722211	2723205	2720513	0.14	cps
Antimony	121-1	3781	3694	3994	3823	4.04	cps
Arsenic	75-2	9960	10340	10093	10131	1.90	cps
Barium	135-1	363567	371216	364605	366463	1.13	cps
Barium	137-1	628333	632409	640086	633609	0.94	cps
Beryllium	9-1	1063	1120	973	1052	7.03	cps
Bismuth	209-1	2247215	2267588	2268182	2260995	0.53	cps
Bismuth	209-2	1824690	1815249	1589270	1743070	7.65	cps
Bromine	81-1	6808	6935	6908	6884	0.97	cps
Bromine	81-2	300	290	310	300	3.33	cps
Cadmium	108-1	147	140	173	153	11.51	cps
Cadmium	106-1	1700	1570	1400	1557	9.67	cps
Cadmium	111-1	2584	2671	2339	2531	6.81	cps
Calcium	43-1	124835	126659	126233	125909	0.76	cps
Calcium	44-1	1927916	1941735	1955418	1941689	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72741	73324	72259	72774	0.73	cps
Cobalt	59-2	69181	67869	67926	68325	1.09	cps
Copper	63-2	200284	199960	198106	199450	0.59	cps
Dysprosium	156-1	34081	34863	34619	34521	1.16	cps
Dysprosium	156-2	27300	27841	27758	27633	1.05	cps
Erbium	164-1	26388	27280	26872	26847	1.66	cps
Erbium	164-2	18275	18052	18272	18200	0.70	cps
Gadolinium	160-1	31793	30677	32418	31629	2.79	cps
Gadolinium	160-2	22108	22044	22228	22126	0.42	cps
Holmium	165-1	3701615	3771767	3673497	3715626	1.36	cps
Holmium	165-2	2521063	2525123	2476226	2507471	1.08	cps
Indium	115-1	2633703	2656639	2619155	2636499	0.72	cps
Indium	115-2	827667	826534	812766	822322	1.01	cps
Iron	56-2	83015877	82923759	82705875	82881837	0.19	cps
Iron	57-2	2018368	2022877	2038088	2026444	0.51	cps
Iron	54-2	4518383	4544458	4419163	4494001	1.47	cps
Krypton	83-1	100	90	103	98	7.10	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-19	Instrumnet Name :	P7
Client Sample ID :	MYD4F6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:24:35	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	279972	286546	282865	283128	1.16	cps
Lead	207-1	252535	253534	256260	254110	0.76	cps
Lead	208-1	1139346	1139420	1150862	1143210	0.58	cps
Lithium	6-1	612440	619476	620312	617409	0.70	cps
Magnesium	24-2	1648761	1659483	1650972	1653072	0.34	cps
Manganese	55-2	1516953	1526248	1545023	1529408	0.93	cps
Molybdenum	94-1	23122	23042	23509	23224	1.08	cps
Molybdenum	95-1	1840	1683	1910	1811	6.41	cps
Molybdenum	96-1	6768	6318	6672	6586	3.60	cps
Molybdenum	97-1	1087	1213	1073	1125	6.87	cps
Molybdenum	98-1	2490	2727	2860	2693	6.96	cps
Neodymium	150-1	62836	62665	62427	62643	0.33	cps
Neodymium	150-2	35545	34669	34495	34903	1.61	cps
Nickel	60-2	27075	27368	27328	27257	0.58	cps
Phosphorus	31-2	9166	9466	9630	9421	2.50	cps
Potassium	39-2	1564321	1557048	1554772	1558714	0.32	cps
Rhodium	103-1	2239576	2217333	2258480	2238463	0.92	cps
Rhodium	103-2	1264474	1277431	1245351	1262419	1.28	cps
Scandium	45-1	1319286	1343746	1324936	1329323	0.96	cps
Scandium	45-2	116128	117619	116661	116802	0.65	cps
Selenium	82-1	130	156	136	140	9.64	cps
Selenium	77-2	80	70	70	73	7.87	cps
Selenium	78-2	117	170	113	133	23.85	cps
Silicon	28-1	13150791	13125194	13166483	13147489	0.16	cps
Silver	107-1	2887	2844	2787	2839	1.77	cps
Silver	109-1	2700	2977	2834	2837	4.88	cps
Sodium	23-2	53954	54529	55118	54534	1.07	cps
Strontium	86-1	139678	138992	140294	139654	0.47	cps
Strontium	88-1	1233215	1226144	1234131	1231164	0.36	cps
Sulfur	34-1	76644	76969	75023	76212	1.37	cps
Terbium	159-1	3771623	3717527	3778946	3756032	0.89	cps
Terbium	159-2	2467673	2462359	2467616	2465883	0.12	cps
Thallium	203-1	1280	1187	1277	1248	4.24	cps
Thallium	205-1	2820	2930	2857	2869	1.95	cps
Tin	118-1	12045	12329	12365	12246	1.43	cps
Titanium	47-1	560666	566689	563666	563674	0.53	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-19	Instrumnet Name :	P7
Client Sample ID :	MYD4F6	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:24:35	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14979	14354	15402	14912	3.53	cps
Vanadium	51-2	141738	139437	139383	140186	0.96	cps
Yttrium	89-1	4448278	4506117	4446876	4467090	0.76	cps
Yttrium	89-2	1149973	1152228	1129462	1143888	1.10	cps
Zinc	66-2	92930	91974	90914	91939	1.10	cps
Zirconium	90-1	57937	59128	58540	58535	1.02	cps
Zirconium	91-1	13086	12822	13319	13076	1.90	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:27:52	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1943098	1892739	1892430	1909422	1.53	cps
Antimony	121-1	2214	2257	2354	2275	3.15	cps
Arsenic	75-2	14737	14737	14827	14767	0.35	cps
Barium	135-1	360587	364108	362507	362401	0.49	cps
Barium	137-1	621274	627928	623561	624254	0.54	cps
Beryllium	9-1	457	457	507	473	6.10	cps
Bismuth	209-1	2259633	2260476	2249892	2256667	0.26	cps
Bismuth	209-2	1589584	1598802	1810098	1666161	7.49	cps
Bromine	81-1	6115	5905	6551	6190	5.33	cps
Bromine	81-2	90	103	93	96	7.26	cps
Cadmium	108-1	120	107	117	114	6.06	cps
Cadmium	106-1	1350	1223	1257	1277	5.14	cps
Cadmium	111-1	1521	1402	1488	1470	4.19	cps
Calcium	43-1	40297	41015	40701	40671	0.89	cps
Calcium	44-1	658810	666917	663694	663140	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79103	79357	78000	78820	0.92	cps
Cobalt	59-2	84224	84634	83544	84134	0.65	cps
Copper	63-2	212237	212118	212865	212406	0.19	cps
Dysprosium	156-1	16630	17378	16920	16976	2.22	cps
Dysprosium	156-2	13417	13293	13477	13395	0.70	cps
Erbium	164-1	12005	11945	12139	12030	0.82	cps
Erbium	164-2	8346	8236	8242	8275	0.75	cps
Gadolinium	160-1	14831	14781	14998	14870	0.76	cps
Gadolinium	160-2	10624	10464	10547	10545	0.76	cps
Holmium	165-1	3741648	3650126	3695534	3695769	1.24	cps
Holmium	165-2	2493206	2483846	2507068	2494707	0.47	cps
Indium	115-1	2659329	2620567	2638229	2639375	0.74	cps
Indium	115-2	824483	831680	831522	829228	0.50	cps
Iron	56-2	112159585	110498238	110370885	111009569	0.90	cps
Iron	57-2	2768216	2745461	2723916	2745864	0.81	cps
Iron	54-2	6052948	6038481	6034358	6041929	0.16	cps
Krypton	83-1	67	87	60	71	19.52	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:27:52	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	141939	142591	142948	142493	0.36	cps
Lead	207-1	126350	128289	125409	126683	1.16	cps
Lead	208-1	570750	573481	571502	571911	0.25	cps
Lithium	6-1	604796	609982	611313	608697	0.57	cps
Magnesium	24-2	1539244	1512805	1511473	1521174	1.03	cps
Manganese	55-2	6975979	6957236	6891567	6941594	0.64	cps
Molybdenum	94-1	13156	13620	13493	13423	1.79	cps
Molybdenum	95-1	2040	2050	2120	2070	2.11	cps
Molybdenum	96-1	5651	5694	5728	5691	0.68	cps
Molybdenum	97-1	1143	1220	1257	1207	4.79	cps
Molybdenum	98-1	2917	2887	3180	2995	5.39	cps
Neodymium	150-1	27694	28302	28679	28225	1.76	cps
Neodymium	150-2	16233	16233	15649	16038	2.10	cps
Nickel	60-2	23879	24016	23836	23910	0.39	cps
Phosphorus	31-2	3117	3007	3190	3105	2.97	cps
Potassium	39-2	640476	636674	642113	639754	0.44	cps
Rhodium	103-1	2277341	2244137	2260773	2260750	0.73	cps
Rhodium	103-2	1259999	1266341	1266366	1264235	0.29	cps
Scandium	45-1	1306233	1321614	1354086	1327311	1.84	cps
Scandium	45-2	116621	117155	117566	117114	0.40	cps
Selenium	82-1	109	102	120	110	8.28	cps
Selenium	77-2	40	40	40	40	0.00	cps
Selenium	78-2	100	120	127	116	12.01	cps
Silicon	28-1	6639949	6850475	6814118	6768181	1.66	cps
Silver	107-1	1023	963	963	983	3.52	cps
Silver	109-1	943	940	1027	970	5.06	cps
Sodium	23-2	25508	25955	25785	25749	0.88	cps
Strontium	86-1	51329	51687	51313	51443	0.41	cps
Strontium	88-1	454430	457322	451671	454474	0.62	cps
Sulfur	34-1	68844	69386	70827	69686	1.47	cps
Terbium	159-1	3737937	3752997	3748622	3746518	0.21	cps
Terbium	159-2	2475770	2494490	2433011	2467757	1.28	cps
Thallium	203-1	737	787	750	758	3.42	cps
Thallium	205-1	1860	1707	1790	1786	4.30	cps
Tin	118-1	4567	4637	4471	4559	1.84	cps
Titanium	47-1	215739	218883	217165	217262	0.72	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-04DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5K6	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:27:52	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8843	8529	8283	8552	3.28	cps
Vanadium	51-2	161315	161952	162333	161867	0.32	cps
Yttrium	89-1	4315563	4342364	4372848	4343592	0.66	cps
Yttrium	89-2	1095958	1104449	1099460	1099956	0.39	cps
Zinc	66-2	39145	39332	38941	39139	0.50	cps
Zirconium	90-1	33218	32506	33198	32974	1.23	cps
Zirconium	91-1	7295	7172	7252	7240	0.86	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06DLX5	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 17:31:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	664974	660942	658939	661619	0.46	cps
Antimony	121-1	1353	1340	1393	1362	2.04	cps
Arsenic	75-2	5658	5861	5691	5737	1.90	cps
Barium	135-1	269098	272715	273344	271719	0.84	cps
Barium	137-1	469598	470729	471616	470648	0.21	cps
Beryllium	9-1	227	173	197	199	13.44	cps
Bismuth	209-1	2248351	2245611	2053643	2182535	5.11	cps
Bismuth	209-2	1787348	1837619	1836800	1820589	1.58	cps
Bromine	81-1	6215	6265	6221	6234	0.44	cps
Bromine	81-2	33	47	60	47	28.58	cps
Cadmium	108-1	33	43	30	36	19.51	cps
Cadmium	106-1	1293	1127	1110	1177	8.62	cps
Cadmium	111-1	1209	1102	1166	1159	4.65	cps
Calcium	43-1	11875	11608	11474	11652	1.75	cps
Calcium	44-1	185367	186646	185958	185990	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27312	27318	27822	27484	1.07	cps
Cobalt	59-2	34543	34353	34413	34436	0.28	cps
Copper	63-2	80207	79573	79151	79644	0.67	cps
Dysprosium	156-1	7109	7092	7035	7078	0.54	cps
Dysprosium	156-2	5911	5861	5801	5858	0.94	cps
Erbium	164-1	5024	4951	5064	5013	1.15	cps
Erbium	164-2	3404	3470	3407	3427	1.10	cps
Gadolinium	160-1	6081	6198	6125	6135	0.96	cps
Gadolinium	160-2	4351	4284	4274	4303	0.97	cps
Holmium	165-1	3669589	3698374	3322547	3563504	5.87	cps
Holmium	165-2	2448299	2519480	2494622	2487467	1.45	cps
Indium	115-1	2625968	2622875	2391429	2546757	5.28	cps
Indium	115-2	830771	838234	825555	831520	0.77	cps
Iron	56-2	50141186	49773846	50023958	49979663	0.38	cps
Iron	57-2	1274106	1267714	1276406	1272742	0.35	cps
Iron	54-2	2716829	2702042	2702422	2707098	0.31	cps
Krypton	83-1	50	77	77	68	22.72	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06DLX5	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 17:31:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87657	88147	87814	87873	0.28	cps
Lead	207-1	79236	79122	77734	78697	1.06	cps
Lead	208-1	354949	356150	354963	355354	0.19	cps
Lithium	6-1	596775	600318	544825	580639	5.35	cps
Magnesium	24-2	627880	629137	629403	628806	0.13	cps
Manganese	55-2	3960471	3943044	3996595	3966703	0.69	cps
Molybdenum	94-1	5261	5431	5381	5358	1.63	cps
Molybdenum	95-1	857	967	950	924	6.41	cps
Molybdenum	96-1	2537	2410	2357	2435	3.80	cps
Molybdenum	97-1	463	493	550	502	8.76	cps
Molybdenum	98-1	1293	1310	1210	1271	4.22	cps
Neodymium	150-1	11381	11171	11645	11399	2.08	cps
Neodymium	150-2	6405	6488	6261	6385	1.80	cps
Nickel	60-2	8776	9073	8766	8872	1.97	cps
Phosphorus	31-2	1783	1760	1793	1779	0.96	cps
Potassium	39-2	408701	407551	405335	407196	0.42	cps
Rhodium	103-1	2270323	2300904	2077960	2216396	5.45	cps
Rhodium	103-2	1276473	1290829	1276401	1281234	0.65	cps
Scandium	45-1	1310457	1273391	1178534	1254127	5.43	cps
Scandium	45-2	112685	114119	111960	112921	0.97	cps
Selenium	82-1	123	86	91	100	19.81	cps
Selenium	77-2	20	7	23	17	52.90	cps
Selenium	78-2	120	60	117	99	34.10	cps
Silicon	28-1	2672573	2660014	2646082	2659556	0.50	cps
Silver	107-1	417	493	450	453	8.48	cps
Silver	109-1	453	380	390	408	9.75	cps
Sodium	23-2	16432	16055	16045	16178	1.36	cps
Strontium	86-1	25412	25379	25786	25526	0.89	cps
Strontium	88-1	221834	225445	223546	223608	0.81	cps
Sulfur	34-1	71074	72153	73385	72204	1.60	cps
Terbium	159-1	3769314	3721094	3371110	3620506	6.00	cps
Terbium	159-2	2457102	2469545	2398105	2441584	1.56	cps
Thallium	203-1	323	367	287	326	12.30	cps
Thallium	205-1	780	763	717	753	4.36	cps
Tin	118-1	2424	2207	2197	2276	5.63	cps
Titanium	47-1	67962	67781	68969	68237	0.94	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-06DLX5	Instrumnet Name :	P7
Client Sample ID :	MYD5K8	Dilution Factor :	5
Date & Time Acquired :	2024-10-18 17:31:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2974	2834	2847	2885	2.68	cps
Vanadium	51-2	63580	63891	63262	63578	0.49	cps
Yttrium	89-1	4186647	4300353	3896031	4127677	5.05	cps
Yttrium	89-2	1079813	1094191	1079361	1084455	0.78	cps
Zinc	66-2	22631	22764	22637	22677	0.33	cps
Zirconium	90-1	12469	12756	12555	12593	1.17	cps
Zirconium	91-1	2747	3177	3017	2980	7.29	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:34:31	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1764403	1772914	1738337	1758551	1.02	cps
Antimony	121-1	2234	2274	2077	2195	4.74	cps
Arsenic	75-2	10691	10307	10564	10520	1.86	cps
Barium	135-1	428399	427763	426577	427580	0.22	cps
Barium	137-1	731175	740761	731103	734346	0.76	cps
Beryllium	9-1	467	507	543	506	7.58	cps
Bismuth	209-1	2253096	2264450	2208682	2242076	1.31	cps
Bismuth	209-2	1555802	1558612	1582201	1565538	0.93	cps
Bromine	81-1	6351	6051	6615	6339	4.45	cps
Bromine	81-2	90	97	103	97	6.89	cps
Cadmium	108-1	63	63	90	72	21.32	cps
Cadmium	106-1	1353	1297	1377	1342	3.07	cps
Cadmium	111-1	1400	1383	1337	1374	2.35	cps
Calcium	43-1	33798	32989	33283	33357	1.23	cps
Calcium	44-1	537142	541382	540794	539773	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74261	72932	73381	73525	0.92	cps
Cobalt	59-2	82244	80585	80287	81038	1.30	cps
Copper	63-2	141179	139325	139724	140076	0.70	cps
Dysprosium	156-1	17441	17624	17901	17656	1.31	cps
Dysprosium	156-2	13977	13884	13667	13842	1.15	cps
Erbium	164-1	12252	12119	12259	12210	0.65	cps
Erbium	164-2	8263	8209	8159	8210	0.63	cps
Gadolinium	160-1	14694	15372	14688	14918	2.63	cps
Gadolinium	160-2	10314	10718	10467	10500	1.94	cps
Holmium	165-1	3701482	3645265	3592479	3646409	1.49	cps
Holmium	165-2	2470946	2459030	2493150	2474375	0.70	cps
Indium	115-1	2603777	2614605	2634383	2617588	0.59	cps
Indium	115-2	807033	805631	810884	807849	0.34	cps
Iron	56-2	107291548	108033632	106699472	107341551	0.62	cps
Iron	57-2	2646541	2626224	2609571	2627445	0.70	cps
Iron	54-2	5865372	5733627	5804642	5801214	1.14	cps
Krypton	83-1	90	83	87	87	3.85	cps

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Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:34:31	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	144502	146570	144014	145028	0.94	cps
Lead	207-1	130187	131300	131647	131045	0.58	cps
Lead	208-1	584891	589832	585636	586786	0.45	cps
Lithium	6-1	597724	596682	597961	597456	0.11	cps
Magnesium	24-2	1645988	1627039	1638102	1637043	0.58	cps
Manganese	55-2	7553642	7633086	7650126	7612285	0.68	cps
Molybdenum	94-1	12946	13666	13329	13314	2.71	cps
Molybdenum	95-1	2110	2017	2064	2064	2.26	cps
Molybdenum	96-1	5268	5604	5624	5499	3.65	cps
Molybdenum	97-1	1173	1387	1190	1250	9.49	cps
Molybdenum	98-1	2987	2987	2884	2953	2.02	cps
Neodymium	150-1	28222	28672	28372	28422	0.81	cps
Neodymium	150-2	16006	16413	16119	16179	1.30	cps
Nickel	60-2	22934	22604	22110	22549	1.84	cps
Phosphorus	31-2	3787	3647	3697	3710	1.91	cps
Potassium	39-2	965488	959754	957448	960897	0.43	cps
Rhodium	103-1	2268586	2203003	2262268	2244619	1.61	cps
Rhodium	103-2	1233774	1240181	1250683	1241546	0.69	cps
Scandium	45-1	1313074	1297222	1313881	1308059	0.72	cps
Scandium	45-2	113179	112997	115428	113868	1.19	cps
Selenium	82-1	75	87	96	86	12.00	cps
Selenium	77-2	60	27	27	38	50.93	cps
Selenium	78-2	120	110	137	122	11.02	cps
Silicon	28-1	6576916	6652535	6597060	6608837	0.59	cps
Silver	107-1	593	610	517	573	8.68	cps
Silver	109-1	517	517	463	499	6.17	cps
Sodium	23-2	26479	26570	26486	26512	0.19	cps
Strontium	86-1	56816	57726	58338	57627	1.33	cps
Strontium	88-1	504838	507016	509233	507029	0.43	cps
Sulfur	34-1	74638	75083	76564	75428	1.34	cps
Terbium	159-1	3715405	3718747	3708833	3714328	0.14	cps
Terbium	159-2	2411493	2401158	2399905	2404185	0.26	cps
Thallium	203-1	767	780	817	788	3.29	cps
Thallium	205-1	1750	1943	2010	1901	7.10	cps
Tin	118-1	4374	4544	4371	4430	2.24	cps
Titanium	47-1	213994	214031	214079	214034	0.02	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	P2828-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MYD5L0	Dilution Factor :	2
Date & Time Acquired :	2024-10-18 17:34:31	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7752	7709	7429	7630	2.30	cps
Vanadium	51-2	155956	154895	153482	154778	0.80	cps
Yttrium	89-1	4306956	4261799	4320323	4296359	0.71	cps
Yttrium	89-2	1080640	1072490	1076145	1076425	0.38	cps
Zinc	66-2	48177	46870	47596	47548	1.38	cps
Zirconium	90-1	31768	31808	32232	31936	0.81	cps
Zirconium	91-1	7229	7362	7312	7301	0.92	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:58:24	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3697110	3681708	3659974	3679597	0.51	cps
Antimony	121-1	1818042	1845212	1840530	1834595	0.79	cps
Arsenic	75-2	76191	77099	76446	76578	0.61	cps
Barium	135-1	2571430	2605571	2639602	2605535	1.31	cps
Barium	137-1	4506552	4508616	4490633	4501934	0.22	cps
Beryllium	9-1	311091	314124	316243	313820	0.83	cps
Bismuth	209-1	1992745	1976195	2008604	1992515	0.81	cps
Bismuth	209-2	1433315	1415553	1435984	1428284	0.78	cps
Bromine	81-1	5888	5461	5925	5758	4.48	cps
Bromine	81-2	33	30	53	39	32.45	cps
Cadmium	108-1	30836	31033	31057	30975	0.39	cps
Cadmium	106-1	45608	45421	44448	45159	1.38	cps
Cadmium	111-1	411521	414653	414501	413558	0.43	cps
Calcium	43-1	2159943	2176395	2194064	2176801	0.78	cps
Calcium	44-1	34451280	34931956	34922039	34768425	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	608426	607579	612314	609440	0.41	cps
Cobalt	59-2	950863	947858	952651	950457	0.25	cps
Copper	63-2	6603957	6549455	6695643	6616352	1.12	cps
Dysprosium	156-1	113	90	100	101	11.58	cps
Dysprosium	156-2	227	157	167	183	20.65	cps
Erbium	164-1	143	110	90	114	23.55	cps
Erbium	164-2	60	53	67	60	11.12	cps
Gadolinium	160-1	57	100	90	82	27.59	cps
Gadolinium	160-2	150	163	140	151	7.75	cps
Holmium	165-1	3452309	3476500	3476748	3468519	0.40	cps
Holmium	165-2	2412464	2361486	2446984	2406978	1.79	cps
Indium	115-1	2398349	2375305	2400251	2391302	0.58	cps
Indium	115-2	760394	755588	763996	759993	0.56	cps
Iron	56-2	135603145	135493211	137187928	136094761	0.70	cps
Iron	57-2	3346799	3390071	3386805	3374558	0.71	cps
Iron	54-2	7336941	7299532	7347255	7327909	0.34	cps
Krypton	83-1	80	63	80	74	12.93	cps

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On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:58:24	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7632318	7856332	7898548	7795733	1.84	cps
Lead	207-1	6749258	6880853	6876214	6835442	1.09	cps
Lead	208-1	30712743	31295623	31115308	31041225	0.96	cps
Lithium	6-1	555255	554442	565808	558502	1.14	cps
Magnesium	24-2	28915428	28975500	29134010	29008313	0.39	cps
Manganese	55-2	4846406	4792267	4805732	4814802	0.59	cps
Molybdenum	94-1	6410778	6478392	6518973	6469381	0.84	cps
Molybdenum	95-1	9403680	9482598	9525048	9470442	0.65	cps
Molybdenum	96-1	10313383	10384414	10321539	10339779	0.38	cps
Molybdenum	97-1	5980270	5981961	5950893	5971041	0.29	cps
Molybdenum	98-1	15420055	15695916	15520286	15545419	0.90	cps
Neodymium	150-1	260	247	220	242	8.41	cps
Neodymium	150-2	67	60	60	62	6.19	cps
Nickel	60-2	230321	231412	232911	231548	0.56	cps
Phosphorus	31-2	34526	35939	36096	35520	2.43	cps
Potassium	39-2	18620839	18520543	18534323	18558568	0.29	cps
Rhodium	103-1	2015376	1988426	1994323	1999375	0.71	cps
Rhodium	103-2	1133166	1124250	1136386	1131267	0.56	cps
Scandium	45-1	1213204	1211904	1227497	1217535	0.71	cps
Scandium	45-2	108730	107246	109089	108355	0.90	cps
Selenium	82-1	22370	22704	22509	22528	0.74	cps
Selenium	77-2	2187	2414	2260	2287	5.06	cps
Selenium	78-2	7689	7459	7739	7629	1.96	cps
Silicon	28-1	1496509	1493495	1526901	1505635	1.23	cps
Silver	107-1	2041872	2067929	2054690	2054830	0.63	cps
Silver	109-1	1969942	1979108	1970003	1973018	0.27	cps
Sodium	23-2	48784171	49669598	49224796	49226188	0.90	cps
Strontium	86-1	13889733	13892937	14016704	13933125	0.52	cps
Strontium	88-1	121143548	121941808	122371752	121819036	0.51	cps
Sulfur	34-1	211914	212297	213868	212693	0.49	cps
Terbium	159-1	3547539	3510736	3587289	3548521	1.08	cps
Terbium	159-2	2379838	2335126	2344571	2353179	1.00	cps
Thallium	203-1	1904948	1934448	1956379	1931925	1.34	cps
Thallium	205-1	4601026	4666469	4638808	4635435	0.71	cps
Tin	118-1	1493903	1622321	1510398	1542208	4.53	cps
Titanium	47-1	2137880	2184040	2184252	2168724	1.23	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 17:58:24	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6401127	6585582	6453552	6480087	1.47	cps
Vanadium	51-2	558900	562372	560824	560699	0.31	cps
Yttrium	89-1	3983443	3976808	4009542	3989931	0.43	cps
Yttrium	89-2	1019086	1012840	1020567	1017498	0.40	cps
Zinc	66-2	1066185	1065999	1075357	1069181	0.50	cps
Zirconium	90-1	2910876	2959507	2933825	2934736	0.83	cps
Zirconium	91-1	635586	642166	641462	639738	0.56	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 18:01:17	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	297	370	322	12.85	cps
Antimony	121-1	1370	1353	1547	1423	7.53	cps
Arsenic	75-2	3	10	17	10	66.70	cps
Barium	135-1	143	103	127	124	16.15	cps
Barium	137-1	287	230	217	244	15.21	cps
Beryllium	9-1	227	220	107	184	36.56	cps
Bismuth	209-1	2354726	2374809	2363983	2364506	0.43	cps
Bismuth	209-2	1866944	1894089	1860887	1873973	0.94	cps
Bromine	81-1	5741	5995	5825	5853	2.21	cps
Bromine	81-2	37	13	33	28	45.44	cps
Cadmium	108-1	0	10	10	7	86.60	cps
Cadmium	106-1	1347	1213	1247	1269	5.47	cps
Cadmium	111-1	983	892	902	926	5.35	cps
Calcium	43-1	223	233	223	227	2.55	cps
Calcium	44-1	4151	3867	3901	3973	3.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243	283	270	266	7.67	cps
Cobalt	59-2	103	57	67	76	32.52	cps
Copper	63-2	767	993	987	916	14.09	cps
Dysprosium	156-1	0	3	17	7	132.33	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	10	17	13	13	25.01	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	7	7	7	7	0.00	cps
Gadolinium	160-2	110	150	120	127	16.43	cps
Holmium	165-1	3773407	3753047	3820664	3782372	0.92	cps
Holmium	165-2	2500780	2560006	2586773	2549186	1.73	cps
Indium	115-1	2739250	2738132	2734267	2737216	0.10	cps
Indium	115-2	854755	859360	862237	858784	0.44	cps
Iron	56-2	14851	15405	16779	15678	6.33	cps
Iron	57-2	843	580	883	769	21.43	cps
Iron	54-2	1253	1190	1320	1255	5.18	cps
Krypton	83-1	73	67	83	74	11.26	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 18:01:17	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1003	753	773	843	16.47	cps
Lead	207-1	733	557	593	628	14.85	cps
Lead	208-1	3500	2917	2900	3106	11.00	cps
Lithium	6-1	639284	643892	649235	644137	0.77	cps
Magnesium	24-2	2510	2617	3170	2766	12.81	cps
Manganese	55-2	410	450	477	446	7.53	cps
Molybdenum	94-1	763	713	777	751	4.45	cps
Molybdenum	95-1	663	687	840	730	13.15	cps
Molybdenum	96-1	850	757	870	826	7.33	cps
Molybdenum	97-1	580	530	490	533	8.46	cps
Molybdenum	98-1	1457	1207	1127	1263	13.63	cps
Neodymium	150-1	0	0	3	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	70	57	66	11.74	cps
Phosphorus	31-2	93	87	50	77	30.43	cps
Potassium	39-2	31182	29883	30103	30389	2.29	cps
Rhodium	103-1	2405279	2389068	2386085	2393477	0.43	cps
Rhodium	103-2	1319573	1332516	1319709	1323933	0.56	cps
Scandium	45-1	1337422	1347473	1328830	1337909	0.70	cps
Scandium	45-2	115707	116382	118045	116712	1.03	cps
Selenium	82-1	79	70	67	72	8.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	107	110	87	101	12.48	cps
Silicon	28-1	150510	151462	153203	151725	0.90	cps
Silver	107-1	427	280	200	302	38.04	cps
Silver	109-1	257	210	183	217	17.13	cps
Sodium	23-2	12905	12762	12935	12868	0.72	cps
Strontium	86-1	827	613	623	688	17.50	cps
Strontium	88-1	6255	5038	4684	5325	15.47	cps
Sulfur	34-1	97076	97616	97102	97265	0.31	cps
Terbium	159-1	3796033	3885881	3807882	3829932	1.27	cps
Terbium	159-2	2501101	2497210	2486516	2494942	0.30	cps
Thallium	203-1	433	397	340	390	12.06	cps
Thallium	205-1	1110	953	800	954	16.24	cps
Tin	118-1	973	1157	1093	1074	8.67	cps
Titanium	47-1	223	127	160	170	28.88	cps

Reviewed By:Mohan
On:10/19/2024 2:12:32 AM
Inst Id :P7

LB Number :	LB133015	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired :	2024-10-18 18:01:17	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	283	250	243	259	8.28	cps
Vanadium	51-2	40	33	13	29	48.05	cps
Yttrium	89-1	4354933	4368137	4344695	4355921	0.27	cps
Yttrium	89-2	1086224	1093385	1104612	1094740	0.85	cps
Zinc	66-2	207	190	167	188	10.70	cps
Zirconium	90-1	833	750	740	774	6.62	cps
Zirconium	91-1	200	160	213	191	14.52	cps

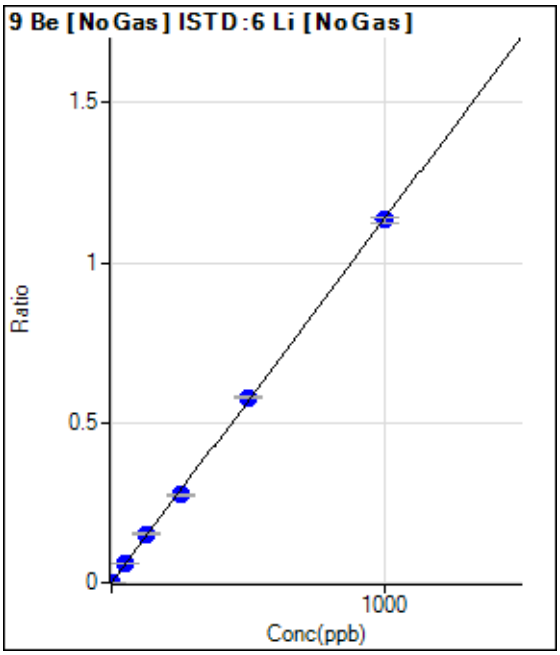
Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

Calibration for 115CCV.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102024-MS2.b\
Analysis File: P7102024-MS2.batch.bin
DA Date-Time: 2024-10-21 00:03:20
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-20 16:36:40
2	005CALS.d	S02	2024-10-20 16:40:09
3	006CALS.d	S03	2024-10-20 16:43:41
4	007CALS.d	S04	2024-10-20 16:47:09
5	013CALS.d	S05	2024-10-20 17:19:09
6	014CALS.d	S06	2024-10-20 17:22:27
7	015CALS.d	S07	2024-10-20 17:25:39
8	016CALS.d	S08	2024-10-20 17:28:42

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0001	P	46.9
2	☐	1.000	1.046	304.45	0.0013	P	6.3
3	☐	50.000	53.955	13773.96	0.0615	P	2.2
4	☐	125.000	133.793	33666.47	0.1523	P	3.1
5	☐	250.000	240.767	63643.83	0.2740	P	0.8
6	☐	500.000	507.868	130822.27	0.5777	P	1.1
7	☐	1000.000	997.077	252247.98	1.1341	P	1.3
8	☐			408.90	0.0019	P	13.8

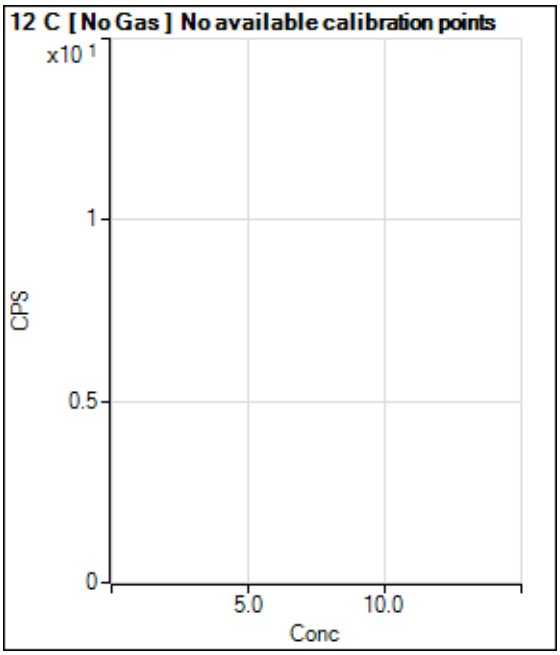
y = 0.0011 * x + 1.4296E-004

R = 0.9999

DL = 0.1768

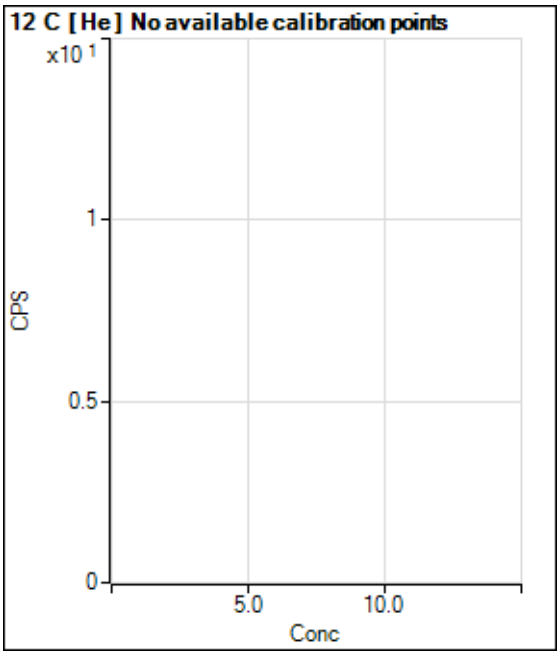
Weight: <None>

Min Conc: 0

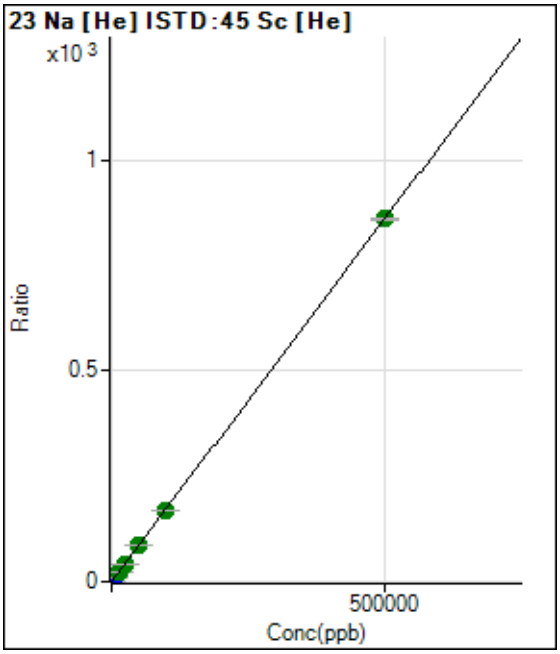


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7



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

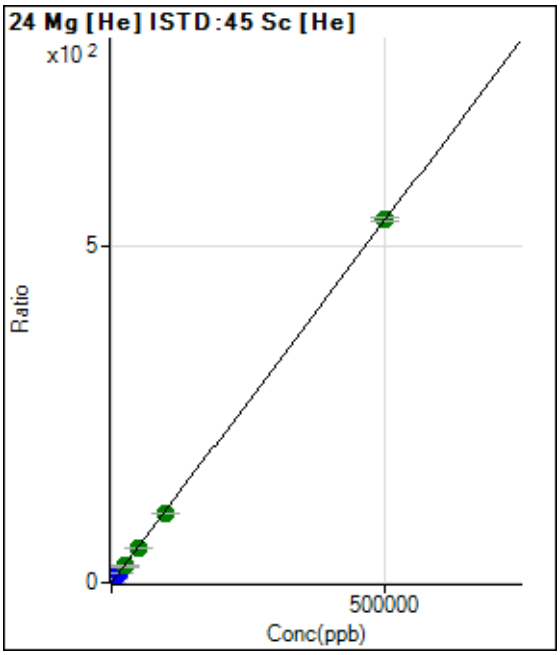


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1823.46	0.0338	P	2.9
2	☐	500.000	498.614	47024.87	0.8917	P	0.5
3	☐	5000.000	5134.823	467770.51	8.8685	P	0.8
4	☐	12500.000	12109.067	1095277.19	20.8680	A	2.8
5	☐	25000.000	23474.058	2026587.28	40.4219	A	1.6
6	☐	50000.000	49398.814	4225490.25	85.0265	A	0.7
7	☐	100000.00	98965.637	8308990.29	170.3083	A	0.6
8	☐	500000.00	500351.71	41367021.88	860.9095	A	0.6

y = 0.0017 * x + 0.0338
R = 1.0000
DL = 1.702

Weight: <None>
Min Conc: 0

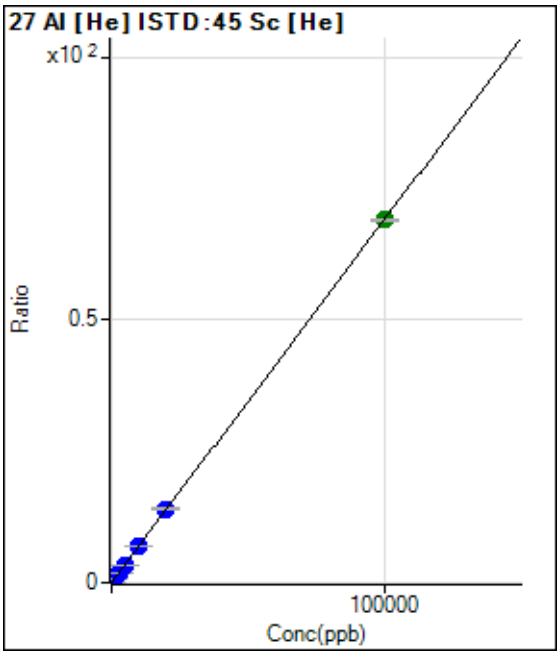
Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	631.13	0.0117	P	8.9
2	☐	500.000	516.213	29844.56	0.5660	P	1.1
3	☐	5000.000	4962.754	281666.79	5.3402	P	0.9
4	☐	12500.000	12317.945	694840.90	13.2373	P	1.8
5	☐	25000.000	22605.682	1217448.28	24.2831	A	1.6
6	☐	50000.000	47571.821	2538732.15	51.0890	A	2.1
7	☐	100000.00	95672.670	5012212.74	102.7342	A	0.4
8	☐	500000.00	501232.90	25859745.45	538.1790	A	1.1

y = 0.0011 * x + 0.0117
R = 0.9999
DL = 2.908

Weight: <None>
Min Conc: 0

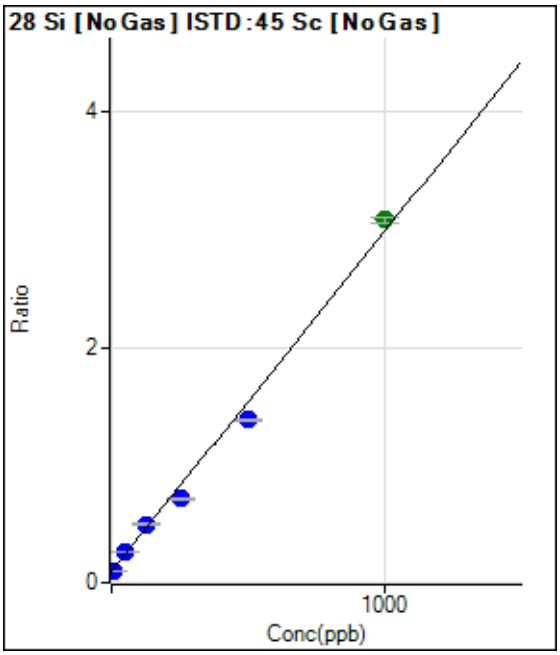


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.00	0.0033	P	13.4
2	☐	20.000	19.706	893.37	0.0169	P	7.4
3	☐	1000.000	1005.024	36784.02	0.6974	P	0.6
4	☐	2500.000	2509.076	91140.62	1.7361	P	0.9
5	☐	5000.000	4831.846	167459.38	3.3401	P	1.6
6	☐	10000.000	10132.539	347892.63	7.0006	P	1.0
7	☐	20000.000	20382.722	686898.19	14.0792	P	0.4
8	☐	100000.00	99918.332	3315706.06	69.0047	A	0.3

y = 6.9058E-004 * x + 0.0033
R = 1.0000
DL = 1.948

Weight: <None>
Min Conc: 0

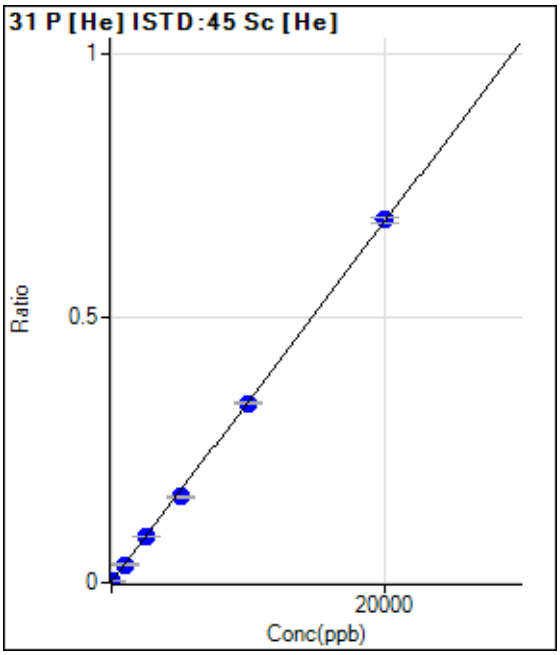
Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59935.37	0.0969	P	0.5
2	☐	10.000	2.489	64757.12	0.1041	P	2.1
3	☐	50.000	55.710	155516.31	0.2578	P	1.2
4	☐	125.000	138.859	293742.75	0.4981	P	1.0
5	☐	250.000	213.358	412167.82	0.7133	P	0.6
6	☐	500.000	445.626	782792.22	1.3844	P	1.0
7	☐	1000.000	1034.405	1704309.52	3.0856	A	1.5
8	☐			72937.79	0.1361	P	2.1

y = 0.0029 * x + 0.0969
R = 0.9968
DL = 0.524

Weight: <None>
Min Conc: 0

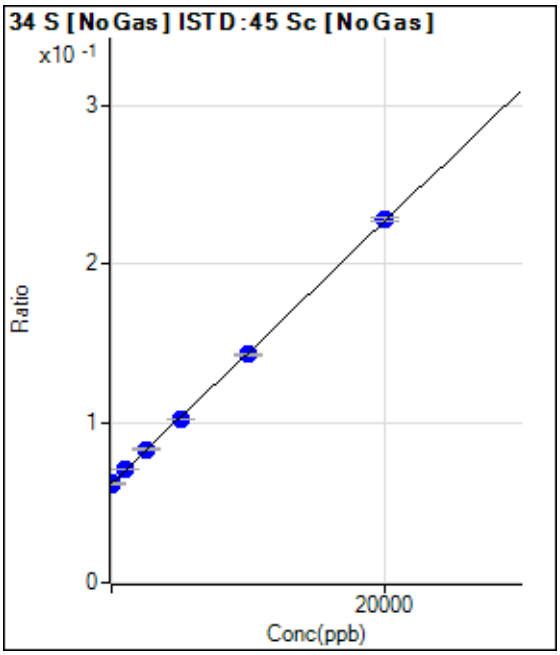


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-20.948	31.11	0.0006	P	12.2
2	☐	0.000	20.948	105.56	0.0020	P	18.2
3	☐	1000.000	973.463	1814.58	0.0344	P	7.2
4	☐	2500.000	2492.241	4518.49	0.0861	P	0.8
5	☐	5000.000	4733.028	8135.55	0.1623	P	2.6
6	☐	10000.000	9934.652	16857.18	0.3392	P	1.4
7	☐	20000.000	20101.713	33420.93	0.6850	P	1.7
8	☐			72.22	0.0015	P	27.8

y = 3.4015E-005 * x + 0.0013
R = 0.9999
DL = 19.14

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-30.809	38370.32	0.0620	P	1.4
2	☐	0.000	30.809	38908.39	0.0625	P	1.6
3	☐	1000.000	1109.226	43072.82	0.0714	P	0.2
4	☐	2500.000	2607.583	49393.99	0.0838	P	1.1
5	☐	5000.000	4889.686	59265.49	0.1026	P	0.3
6	☐	10000.000	9825.765	81000.90	0.1433	P	0.7
7	☐	20000.000	20095.787	125884.25	0.2279	P	1.0
8	☐			35224.96	0.0657	P	1.0

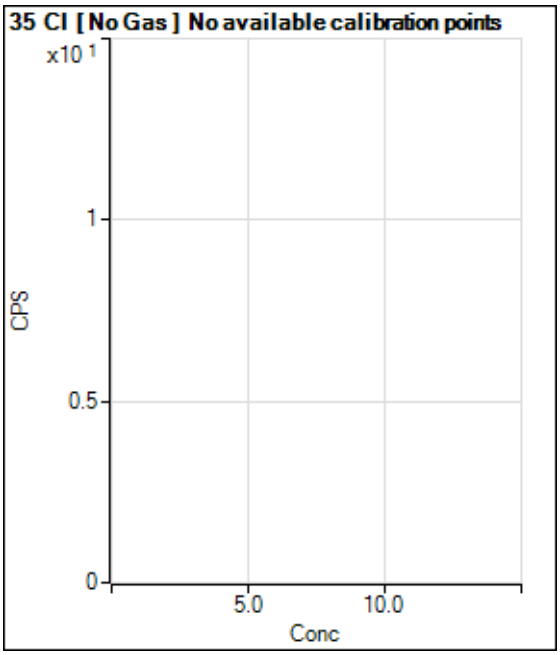
y = 8.2427E-006 * x + 0.0623

R = 0.9999

DL = 342.1

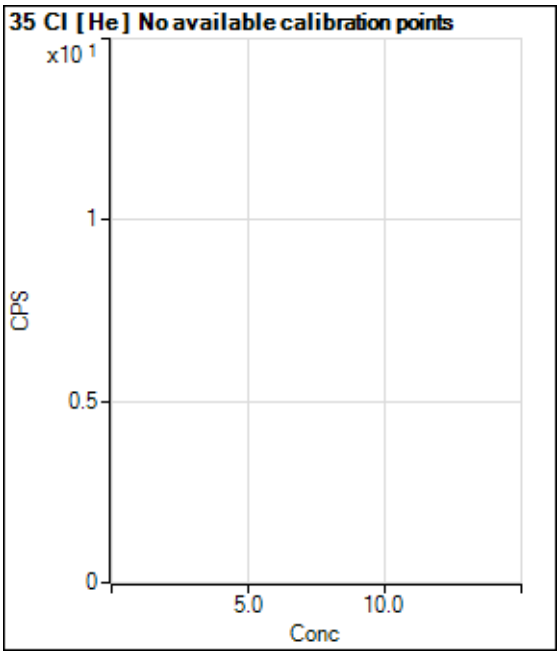
Weight: <None>

Min Conc: 0

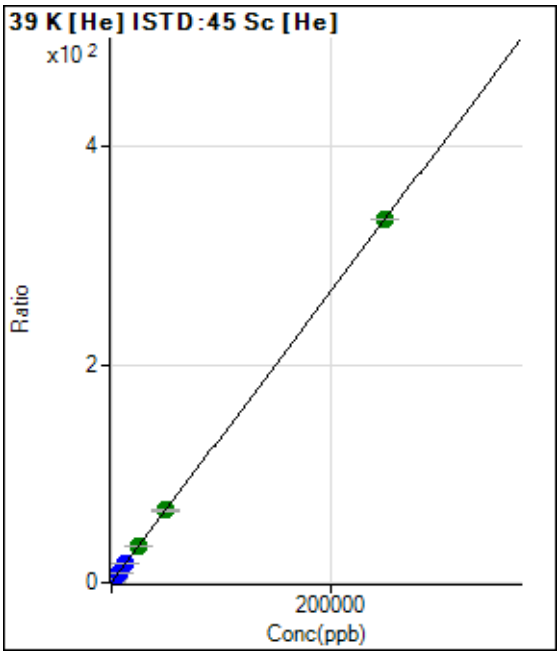


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

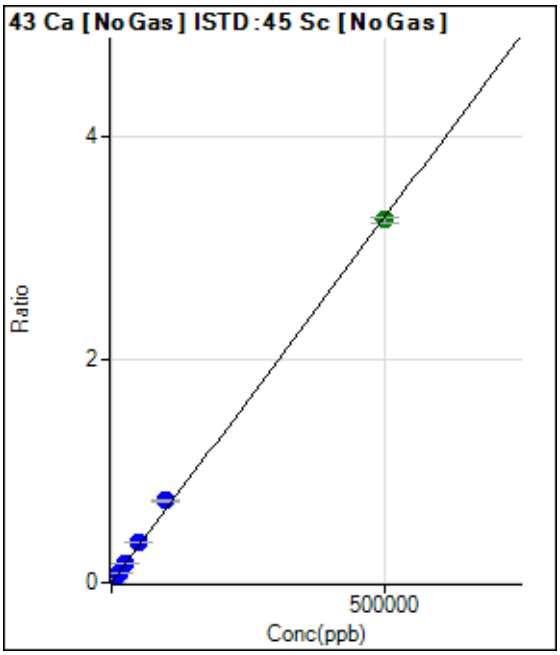


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14741.68	0.2736	P	2.3
2	☐	500.000	523.249	51141.02	0.9698	P	0.3
3	☐	2500.000	2696.314	203654.22	3.8611	P	0.5
4	☐	6250.000	6746.747	485601.84	9.2502	P	1.4
5	☐	12500.000	12766.209	865324.14	17.2593	P	1.3
6	☐	25000.000	25128.543	1675102.96	33.7076	A	1.3
7	☐	50000.000	49821.816	3247378.18	66.5625	A	1.2
8	☐	250000.00	249995.04	15995829.90	332.8969	A	0.1

y = 0.0013 * x + 0.2736
R = 1.0000
DL = 14.26

Weight: <None>
Min Conc: 0

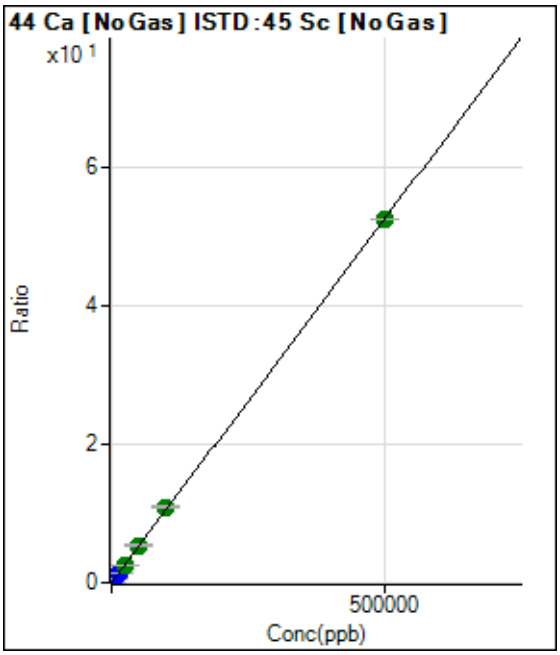
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0002	P	24.1
2	☐	500.000	535.530	2297.97	0.0037	P	0.6
3	☐	5000.000	5587.743	22165.15	0.0367	P	1.3
4	☐	12500.000	14068.757	54395.87	0.0922	P	0.8
5	☐	25000.000	26612.334	100703.27	0.1743	P	1.6
6	☐	50000.000	56211.532	208043.07	0.3679	P	1.1
7	☐	100000.00	112506.83	406652.73	0.7362	P	1.6
8	☐	500000.00	496751.73	1741921.94	3.2501	A	1.5

y = 6.5423E-006 * x + 1.8844E-004
R = 0.9996
DL = 20.81

Weight: <None>
Min Conc: 0

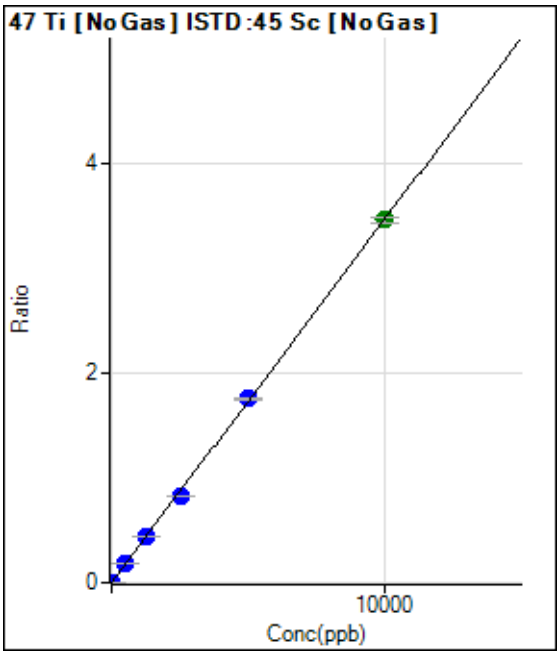


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	766.69	0.0012	P	7.2
2	☐	500.000	526.412	35211.97	0.0566	P	0.4
3	☐	5000.000	5614.232	356718.38	0.5914	P	0.9
4	☐	12500.000	13930.664	864344.69	1.4656	P	0.7
5	☐	25000.000	24167.352	1468553.99	2.5416	A	0.8
6	☐	50000.000	51347.481	3052551.31	5.3987	A	1.3
7	☐	100000.00	103779.04	6025756.58	10.9102	A	2.1
8	☐	500000.00	499109.14	28118044.30	52.4660	A	0.1

y = 1.0512E-004 * x + 0.0012
R = 1.0000
DL = 2.56

Weight: <None>
Min Conc: 0

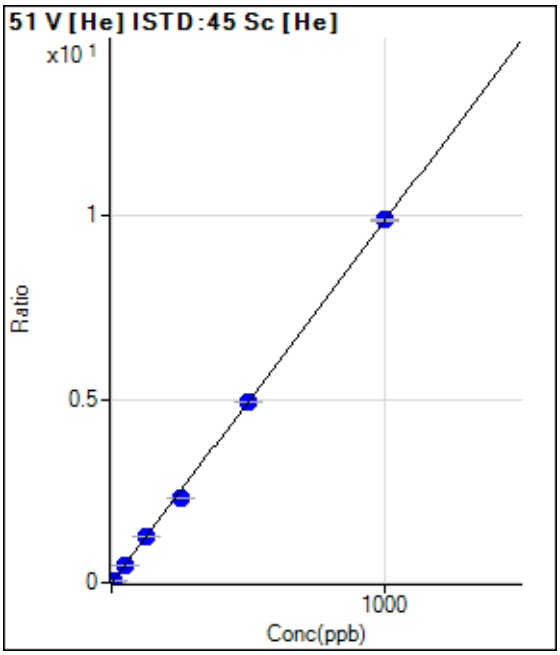
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	13.0
2	☐	5.000	4.739	1050.05	0.0017	P	6.3
3	☐	500.000	509.813	106457.47	0.1765	P	1.4
4	☐	1250.000	1270.534	259377.91	0.4398	P	0.2
5	☐	2500.000	2385.359	477052.49	0.8256	P	0.8
6	☐	5000.000	5066.851	991603.51	1.7537	P	0.9
7	☐	10000.000	9992.178	1910148.63	3.4584	A	1.9
8	☐			2015.71	0.0038	P	18.3

y = 3.4611E-004 * x + 4.6675E-005
R = 0.9999
DL = 0.05253

Weight: <None>
Min Conc: 0

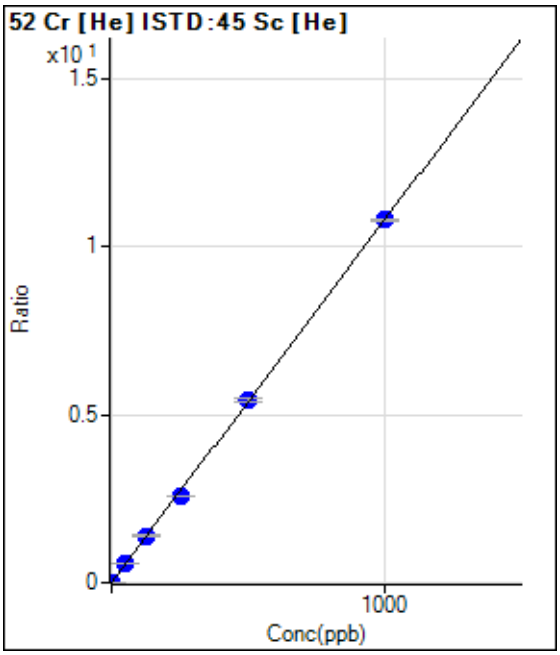


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0001	P	65.6
2	☐	5.000	5.130	2675.82	0.0507	P	3.2
3	☐	50.000	50.187	26115.99	0.4951	P	1.3
4	☐	125.000	127.679	66110.46	1.2594	P	2.4
5	☐	250.000	235.054	116241.91	2.3185	P	1.3
6	☐	500.000	500.038	245093.96	4.9320	P	1.0
7	☐	1000.000	1003.373	482820.93	9.8964	P	0.6
8	☐			385.56	0.0080	P	7.8

y = 0.0099 * x + 1.4432E-004
R = 0.9999
DL = 0.0288

Weight: <None>
Min Conc: 0

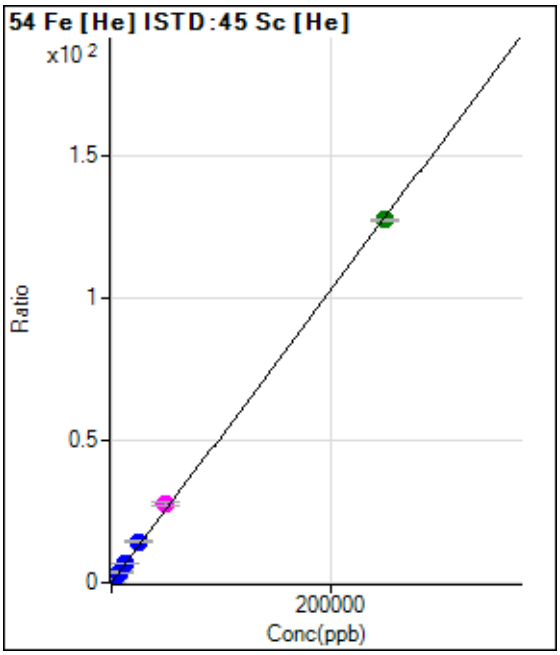
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0014	P	16.7
2	☐	2.000	2.019	1220.06	0.0231	P	4.2
3	☐	50.000	51.445	29331.89	0.5561	P	2.6
4	☐	125.000	128.657	72901.63	1.3888	P	2.1
5	☐	250.000	239.024	129299.20	2.5789	P	1.3
6	☐	500.000	502.699	269448.21	5.4223	P	1.7
7	☐	1000.000	1000.865	526632.20	10.7944	P	0.8
8	☐			1959.04	0.0408	P	2.4

y = 0.0108 * x + 0.0014
R = 0.9999
DL = 0.06331

Weight: <None>
Min Conc: 0

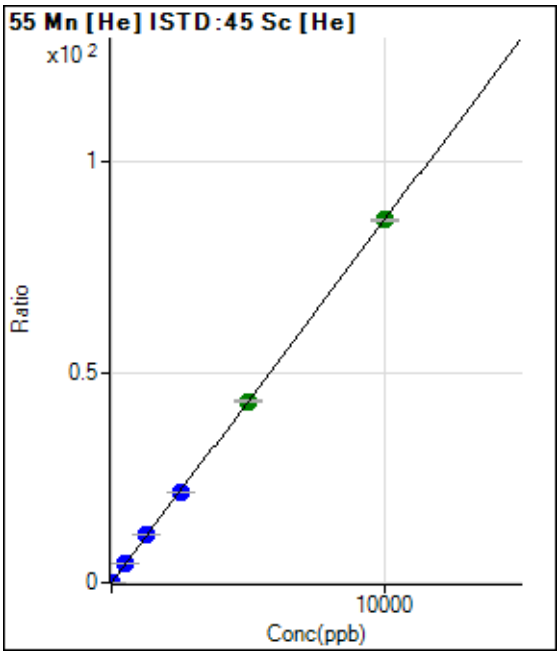


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	381.12	0.0071	P	1.5
2	☐	50.000	56.003	1889.03	0.0358	P	4.4
3	☐	2500.000	2930.269	79689.24	1.5108	P	0.2
4	☐	6250.000	7232.998	195208.63	3.7188	P	1.9
5	☐	12500.000	13491.251	347464.53	6.9303	P	1.4
6	☐	25000.000	28331.563	722840.79	14.5459	P	1.2
7	☐	50000.000	54013.968	1352599.18	27.7253	M	4.1
8	☐	250000.00	248785.60	6134875.53	127.6758	A	0.2

y = 5.1317E-004 * x + 0.0071
R = 0.9998
DL = 0.628

Weight: <None>
Min Conc: 0

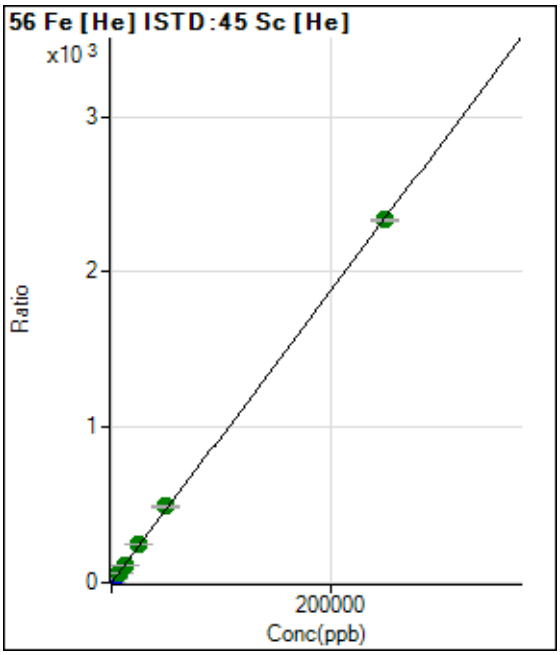
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.67	0.0014	P	41.8
2	☐	1.000	1.024	541.12	0.0103	P	2.3
3	☐	500.000	532.655	242509.95	4.5978	P	0.7
4	☐	1250.000	1321.443	598657.76	11.4043	P	1.5
5	☐	2500.000	2475.457	1071095.17	21.3625	P	0.8
6	☐	5000.000	4989.468	2139715.84	43.0562	A	1.1
7	☐	10000.000	10000.839	4210368.17	86.2999	A	0.6
8	☐			4877.50	0.1015	P	2.6

y = 0.0086 * x + 0.0014
R = 1.0000
DL = 0.2068

Weight: <None>
Min Conc: 0

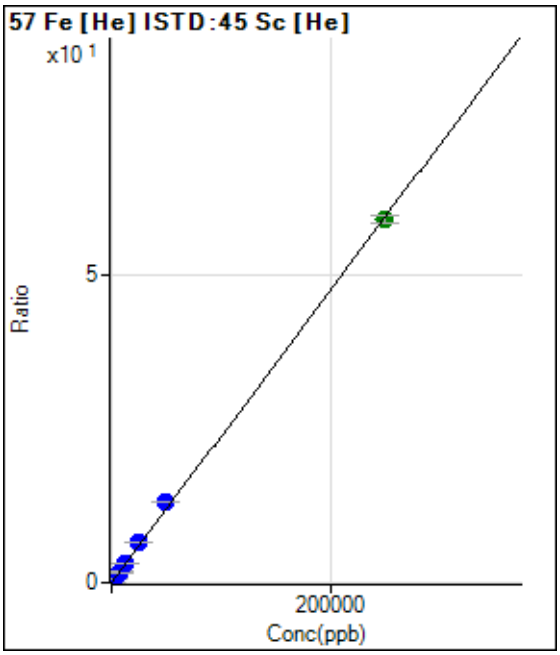


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2913.64	0.0541	P	4.5
2	☐	50.000	56.787	30876.18	0.5855	P	0.6
3	☐	2500.000	2862.251	1415675.19	26.8398	P	0.7
4	☐	6250.000	6667.288	3277514.67	62.4485	A	2.7
5	☐	12500.000	12368.108	5805927.76	115.7984	A	1.0
6	☐	25000.000	26110.845	12145800.51	244.4070	A	1.3
7	☐	50000.000	52289.335	23875912.14	489.3929	A	1.4
8	☐	250000.00	249423.58	112160809.4	2,334.232	A	0.6

y = 0.0094 * x + 0.0541
R = 0.9999
DL = 0.7786

Weight: <None>
Min Conc: 0

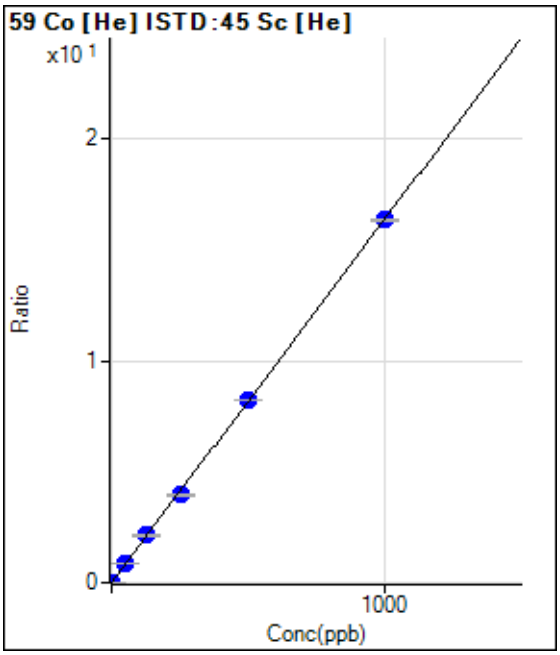
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	260.01	0.0048	P	3.3
2	☐	50.000	60.676	1011.16	0.0192	P	7.1
3	☐	2500.000	2861.669	35930.65	0.6812	P	1.0
4	☐	6250.000	7167.764	89185.82	1.6990	P	2.1
5	☐	12500.000	13224.008	156949.79	3.1305	P	1.7
6	☐	25000.000	27608.833	324532.60	6.5306	P	0.9
7	☐	50000.000	55168.601	636422.49	13.0447	P	0.5
8	☐	250000.00	248642.63	2824170.03	58.7751	A	2.0

y = 2.3636E-004 * x + 0.0048
R = 0.9997
DL = 2.047

Weight: <None>
Min Conc: 0

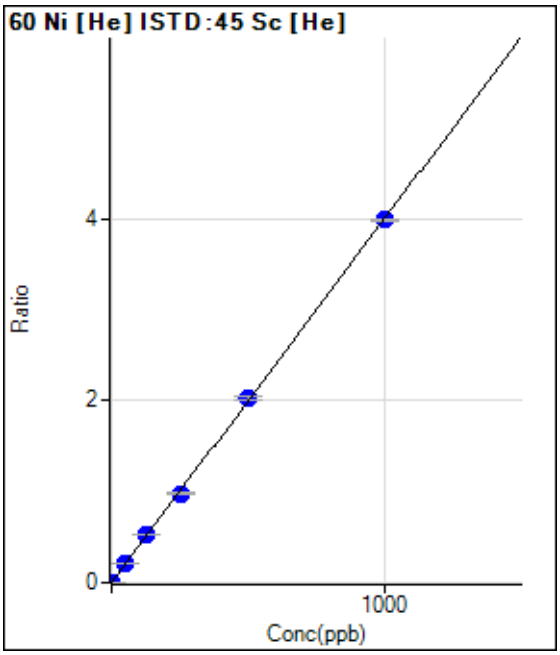


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.55	0.0003	P	44.8
2	☐	1.000	1.106	968.93	0.0184	P	6.3
3	☐	50.000	52.535	45322.57	0.8593	P	1.1
4	☐	125.000	130.788	112265.82	2.1387	P	1.9
5	☐	250.000	242.045	198434.62	3.9578	P	1.1
6	☐	500.000	503.597	409195.40	8.2342	P	0.8
7	☐	1000.000	999.340	797176.09	16.3396	P	0.5
8	☐			2508.02	0.0522	P	6.1

y = 0.0164 * x + 2.8882E-004
R = 0.9999
DL = 0.02374

Weight: <None>
Min Conc: 0

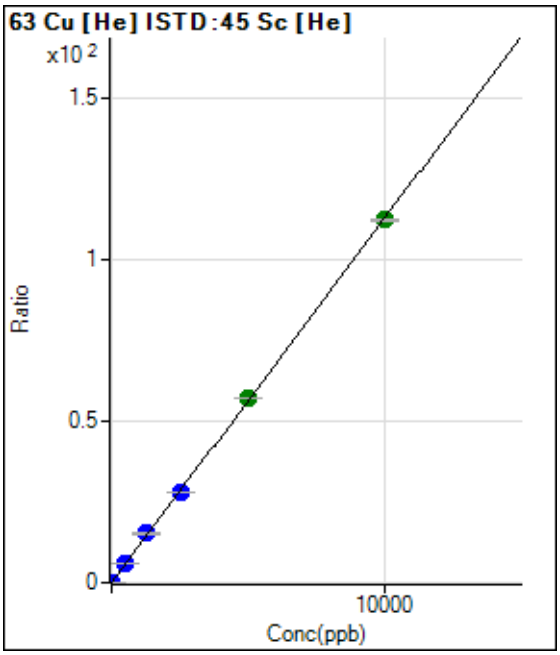
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0016	P	13.9
2	☐	1.000	0.995	294.45	0.0056	P	12.5
3	☐	50.000	53.200	11296.56	0.2142	P	2.4
4	☐	125.000	133.463	28088.54	0.5349	P	0.6
5	☐	250.000	243.811	48922.81	0.9759	P	2.4
6	☐	500.000	506.901	100735.19	2.0271	P	1.3
7	☐	1000.000	996.879	194420.48	3.9850	P	0.7
8	☐			890.04	0.0185	P	7.5

y = 0.0040 * x + 0.0016
R = 0.9999
DL = 0.1674

Weight: <None>
Min Conc: 0

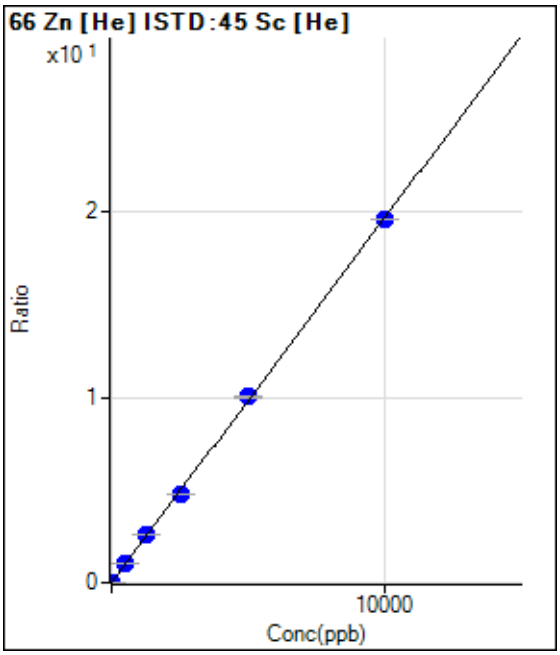


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	510.02	0.0095	P	6.5
2	☐	2.000	2.135	1769.01	0.0335	P	1.8
3	☐	500.000	544.136	324237.79	6.1473	P	1.0
4	☐	1250.000	1348.883	799236.31	15.2249	P	1.4
5	☐	2500.000	2478.360	1402084.70	27.9654	P	1.4
6	☐	5000.000	5061.578	2837875.89	57.1040	A	0.2
7	☐	10000.000	9960.054	5481706.52	112.3588	A	0.7
8	☐			4300.66	0.0895	P	8.6

y = 0.0113 * x + 0.0095
R = 0.9999
DL = 0.1641

Weight: <None>
Min Conc: 0

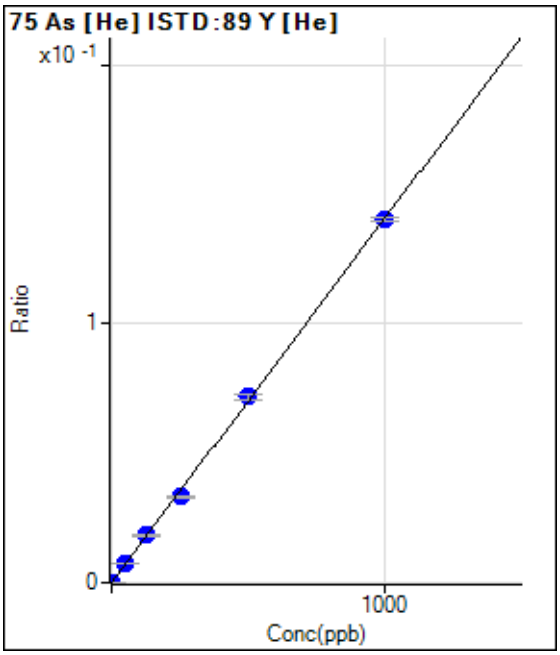
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.00	0.0013	P	17.1
2	☐	2.000	5.717	661.13	0.0125	P	7.8
3	☐	500.000	535.907	55610.65	1.0543	P	1.1
4	☐	1250.000	1330.912	137362.30	2.6165	P	1.5
5	☐	2500.000	2444.743	240925.92	4.8051	P	0.7
6	☐	5000.000	5094.590	497532.56	10.0120	P	1.3
7	☐	10000.000	9954.609	954384.22	19.5618	P	0.2
8	☐			1118.95	0.0233	P	6.2

y = 0.0020 * x + 0.0013
R = 0.9999
DL = 0.3383

Weight: <None>
Min Conc: 0

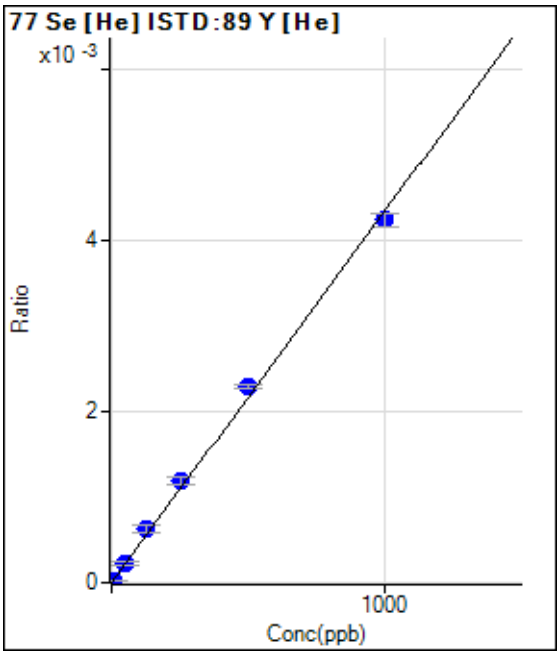


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	1.163	90.00	0.0002	P	37.8
3	☐	50.000	52.929	4062.82	0.0074	P	5.6
4	☐	125.000	130.228	9910.06	0.0183	P	1.6
5	☐	250.000	236.916	17111.06	0.0333	P	2.6
6	☐	500.000	510.537	36238.67	0.0718	P	2.3
7	☐	1000.000	997.203	70580.00	0.1402	P	1.2
8	☐			81.11	0.0002	P	33.1

y = 1.4059E-004 * x + 0.0000E+000
R = 0.9998
DL = 0

Weight: <None>
Min Conc: 0

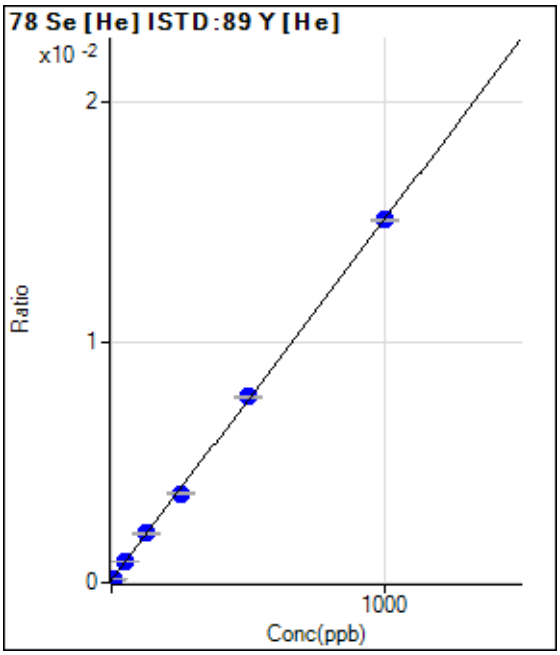
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.198	10.00	0.0000	P	0.6
3	☐	50.000	52.161	123.33	0.0002	P	15.2
4	☐	125.000	144.158	337.79	0.0006	P	12.7
5	☐	250.000	274.372	611.13	0.0012	P	7.5
6	☐	500.000	527.776	1154.50	0.0023	P	2.3
7	☐	1000.000	977.520	2132.39	0.0042	P	3.6
8	☐			0.00	0.0000	P	

y = 4.3327E-006 * x + 0.0000E+000
R = 0.9989
DL = 0

Weight: <None>
Min Conc: 0

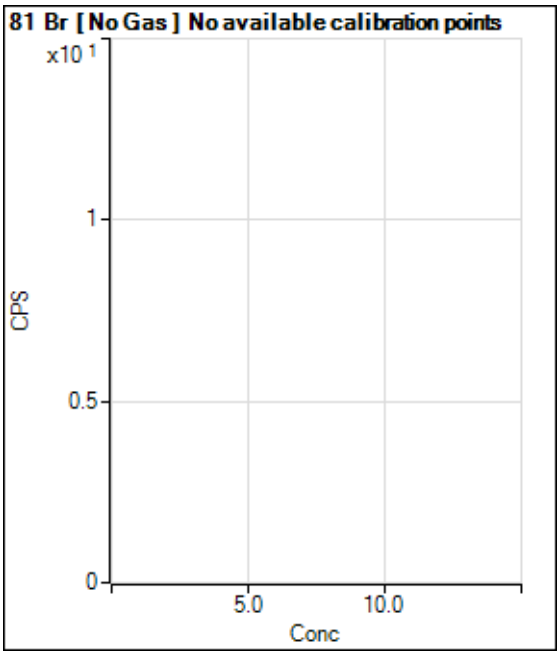


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0001	P	43.5
2	☐	5.000	5.253	100.00	0.0002	P	10.9
3	☐	50.000	50.990	474.46	0.0009	P	2.7
4	☐	125.000	130.970	1121.17	0.0021	P	4.1
5	☐	250.000	239.574	1902.36	0.0037	P	1.9
6	☐	500.000	507.281	3900.55	0.0077	P	2.0
7	☐	1000.000	998.169	7603.12	0.0151	P	0.9
8	☐			54.45	0.0001	P	7.1

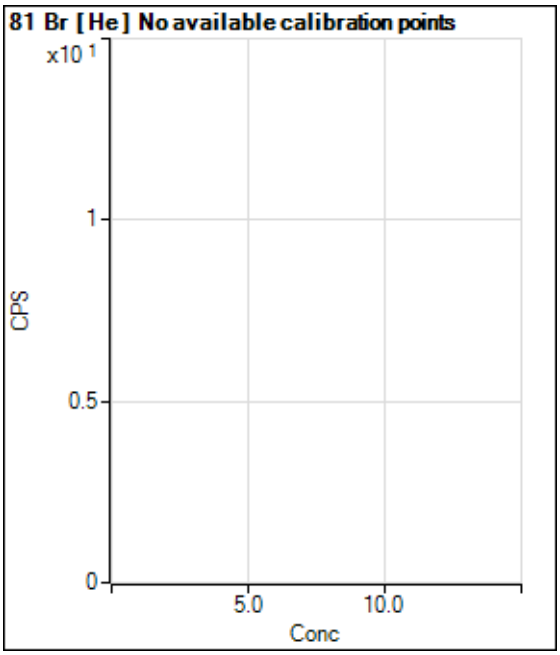
y = 1.5027E-005 * x + 1.0289E-004
R = 0.9999
DL = 8.94

Weight: <None>
Min Conc: 0

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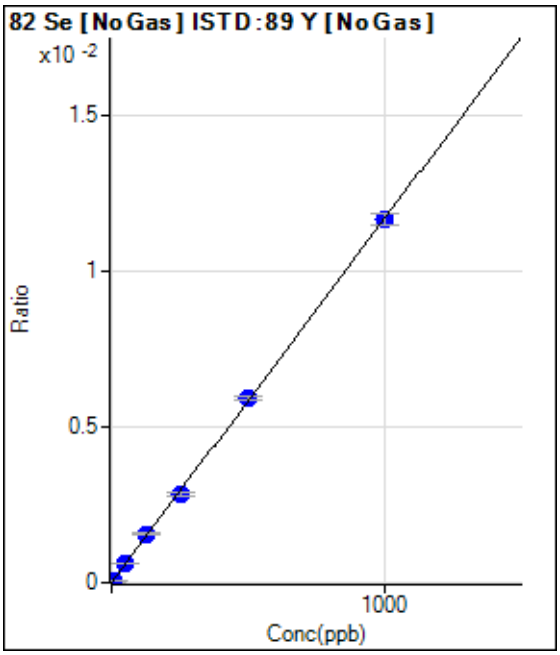


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3609.36		P	3.0
2	☐			3653.83		P	0.8
3	☐			3642.71		P	2.5
4	☐			3572.69		P	5.7
5	☐			3210.38		P	6.4
6	☐			3204.83		P	3.5
7	☐			3317.08		P	8.6
8	☐			3268.18		P	4.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.56		P	12.4
2	☐			18.89		P	27.0
3	☐			17.78		P	60.3
4	☐			14.44		P	58.1
5	☐			16.67		P	40.0
6	☐			12.22		P	68.7
7	☐			20.00		P	50.0
8	☐			11.11		P	45.8

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.87	0.0000	P	199.
2	☐	5.000	5.111	136.61	0.0001	P	19.0
3	☐	50.000	53.531	1311.22	0.0006	P	3.0
4	☐	125.000	133.725	3142.99	0.0016	P	2.0
5	☐	250.000	243.824	5573.55	0.0029	P	3.1
6	☐	500.000	506.472	11422.10	0.0059	P	1.6
7	☐	1000.000	997.040	21978.78	0.0117	P	3.1
8	☐			70.16	0.0000	P	6.8

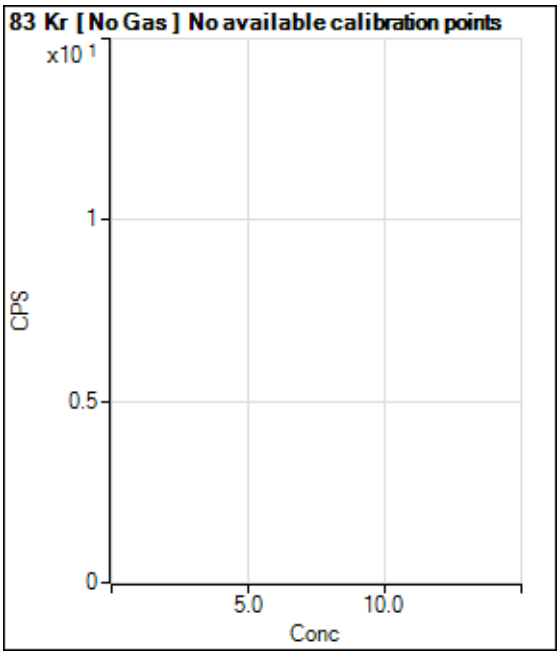
y = 1.1694E-005 * x + 3.6452E-006

R = 0.9999

DL = 1.865

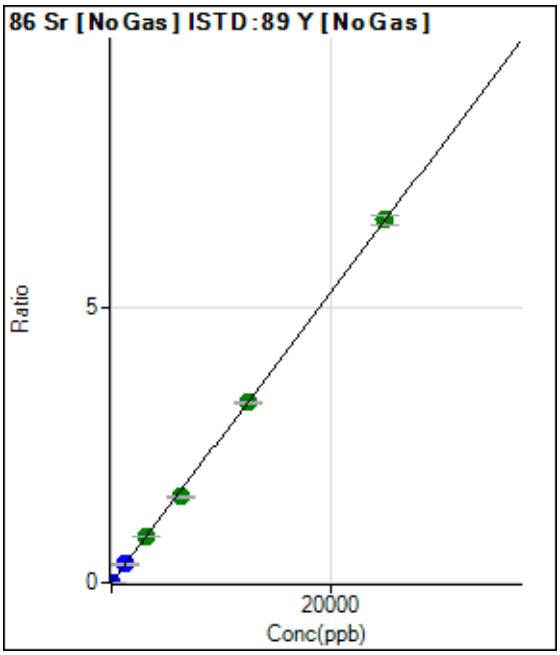
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			41.11		P	24.8
2	☐			37.78		P	36.7
3	☐			22.22		P	31.2
4	☐			33.33		P	10.0
5	☐			33.33		P	34.6
6	☐			28.89		P	29.0
7	☐			34.44		P	43.6
8	☐			27.78		P	38.6

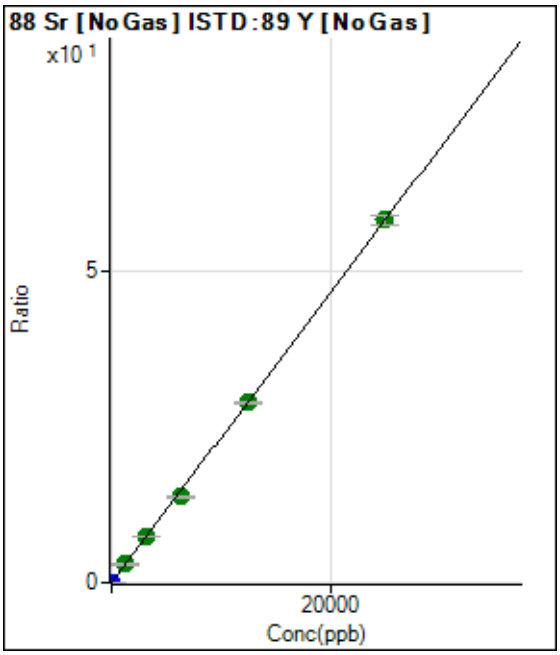
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.55	0.0000	P	8.9
2	☐	1.000	0.976	631.13	0.0003	P	12.9
3	☐	1250.000	1265.219	694774.42	0.3336	P	0.4
4	☐	3125.000	3170.943	1676365.55	0.8360	A	1.2
5	☐	6250.000	5954.200	3065088.77	1.5698	A	1.4
6	☐	12500.000	12466.493	6334905.39	3.2868	A	0.8
7	☐	25000.000	25084.199	12463288.01	6.6133	A	2.4
8	☐			13246.13	0.0075	P	12.7

y = 2.6364E-004 * x + 3.5428E-005
R = 0.9999
DL = 0.03601

Weight: <None>
Min Conc: 0

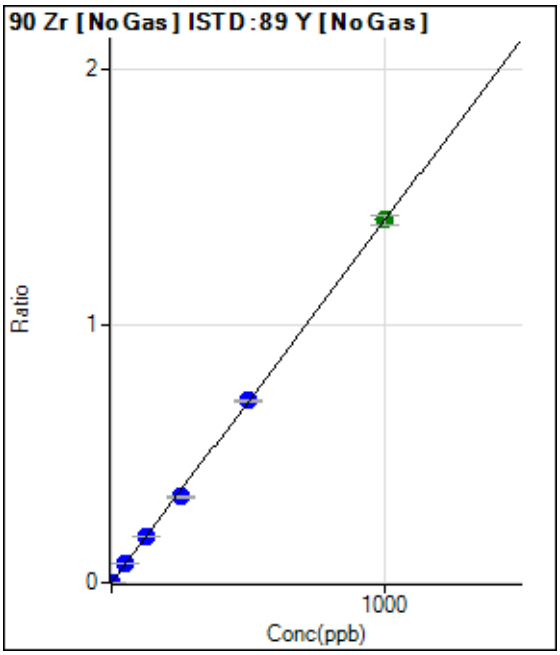


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	143.34	0.0001	P	4.2
2	☐	1.000	1.000	5158.73	0.0024	P	3.4
3	☐	1250.000	1266.324	6135668.59	2.9463	A	1.7
4	☐	3125.000	3200.599	14931673.25	7.4465	A	0.4
5	☐	6250.000	5929.478	26935326.54	13.7955	A	1.4
6	☐	12500.000	12481.165	55968702.50	29.0385	A	1.2
7	☐	25000.000	25079.282	109957162.8	58.3490	A	2.8
8	☐			115210.83	0.0655	P	14.4

y = 0.0023 * x + 6.7213E-005
R = 0.9999
DL = 0.00363

Weight: <None>
Min Conc: 0

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	9.6
2	☐	1.000	1.020	3154.81	0.0015	P	0.9
3	☐	50.000	50.626	148616.37	0.0714	P	0.2
4	☐	125.000	127.634	360658.16	0.1799	P	0.4
5	☐	250.000	236.588	650895.62	0.3334	P	1.5
6	☐	500.000	502.191	1363805.67	0.7076	P	1.2
7	☐	1000.000	1001.897	2660393.34	1.4117	A	2.7
8	☐			4025.03	0.0023	P	5.0

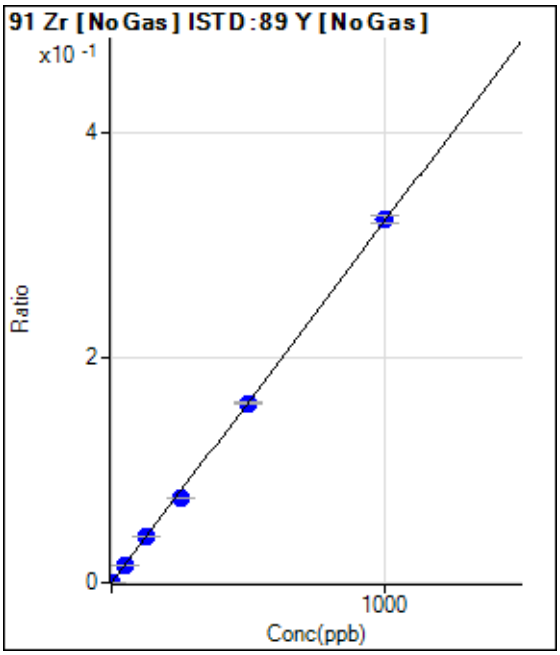
y = 0.0014 * x + 2.7633E-005

R = 0.9999

DL = 0.005632

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	1.0
2	☐	1.000	0.919	644.46	0.0003	P	4.0
3	☐	50.000	49.534	33062.77	0.0159	P	1.1
4	☐	125.000	126.469	81255.48	0.0405	P	1.2
5	☐	250.000	234.020	146395.69	0.0750	P	1.6
6	☐	500.000	497.719	307344.22	0.1595	P	1.2
7	☐	1000.000	1004.975	606820.70	0.3220	P	2.2
8	☐			968.93	0.0006	P	10.1

y = 3.2039E-004 * x + 4.6900E-006

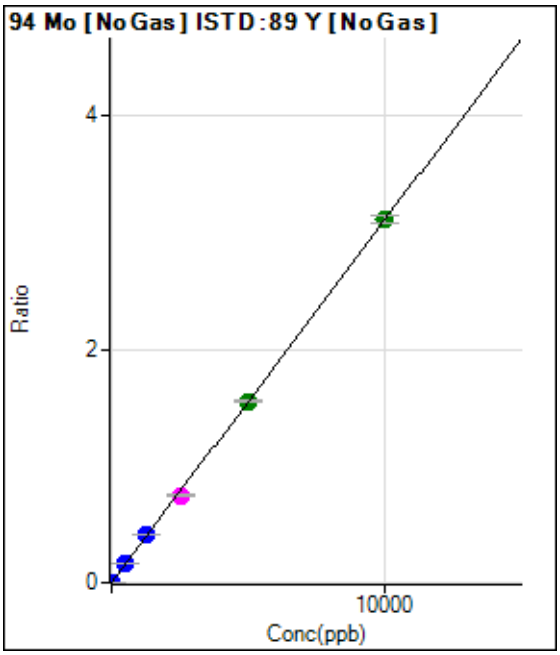
R = 0.9998

DL = 0.0004285

Weight: <None>

Min Conc: 0

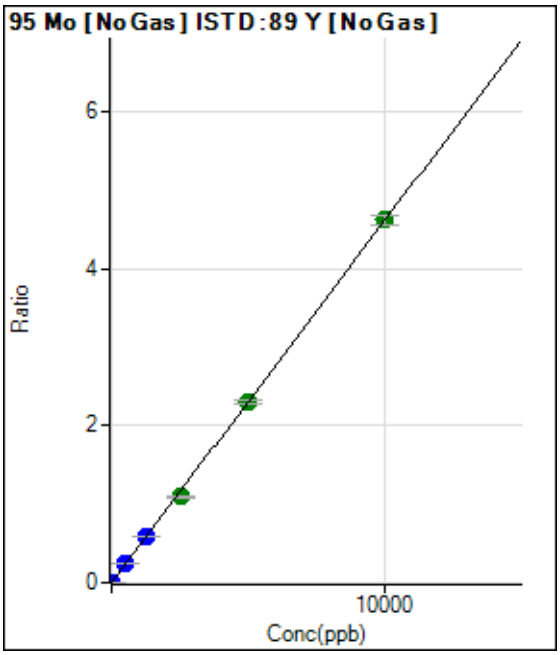
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0000	P	12.9
2	☐	5.000	5.220	3522.68	0.0016	P	3.5
3	☐	500.000	514.166	332284.32	0.1595	P	0.1
4	☐	1250.000	1310.352	815288.73	0.4066	P	0.2
5	☐	2500.000	2398.576	1452973.45	0.7442	M	2.0
6	☐	5000.000	5005.656	2993473.36	1.5531	A	1.0
7	☐	10000.000	10014.276	5855886.79	3.1072	A	2.2
8	☐			6959.50	0.0040	P	10.5

y = 3.1027E-004 * x + 1.5123E-005
R = 0.9999
DL = 0.01885

Weight: <None>
Min Conc: 0

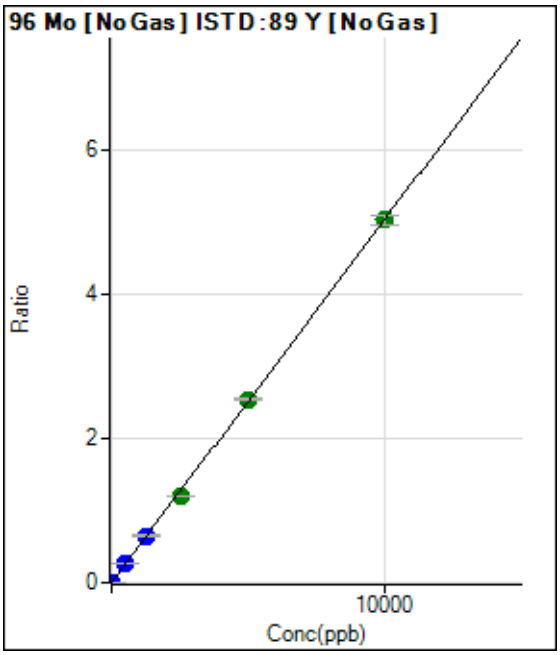


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	75.5
2	☐	5.000	4.421	4398.48	0.0020	P	0.4
3	☐	500.000	509.433	488672.86	0.2346	P	0.6
4	☐	1250.000	1294.161	1195231.40	0.5961	P	0.8
5	☐	2500.000	2369.262	2130805.75	1.0913	A	1.2
6	☐	5000.000	4994.658	4433691.57	2.3005	A	1.4
7	☐	10000.000	10029.364	8705477.30	4.6194	A	2.5
8	☐			9457.63	0.0054	P	12.5

y = 4.6059E-004 * x + 5.1984E-006
R = 0.9999
DL = 0.02557

Weight: <None>
Min Conc: 0

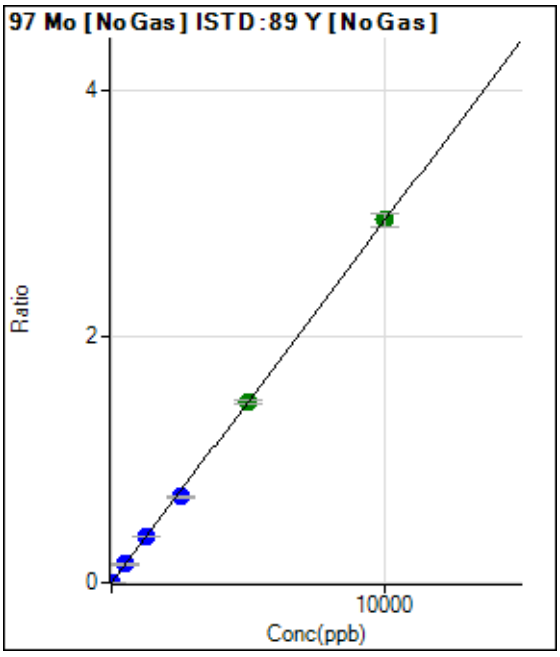
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	14.7
2	☐	5.000	4.686	5100.93	0.0024	P	2.1
3	☐	500.000	509.998	534192.10	0.2565	P	0.6
4	☐	1250.000	1296.092	1307066.66	0.6518	P	0.7
5	☐	2500.000	2373.254	2330580.56	1.1936	A	1.1
6	☐	5000.000	5053.879	4898741.25	2.5417	A	1.4
7	☐	10000.000	9998.486	9476064.37	5.0285	A	2.9
8	☐			12030.66	0.0068	P	11.6

y = 5.0292E-004 * x + 1.0948E-005
R = 0.9999
DL = 0.009569

Weight: <None>
Min Conc: 0

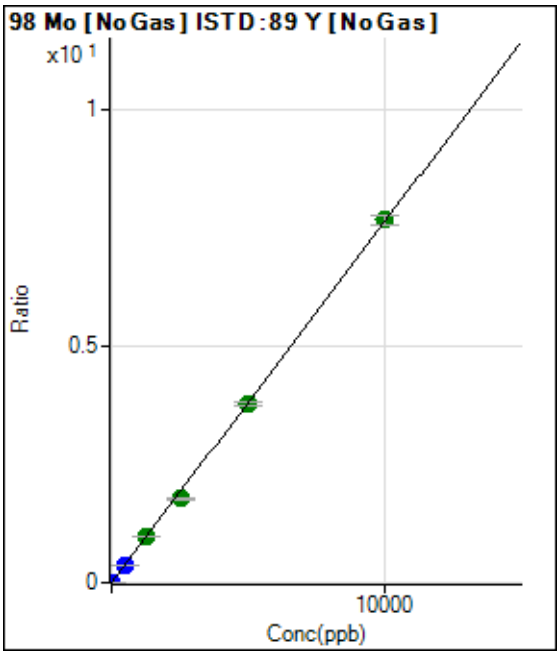


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	1.0
2	☐	5.000	4.453	2828.08	0.0013	P	2.5
3	☐	500.000	505.547	309641.85	0.1487	P	0.4
4	☐	1250.000	1286.468	758631.15	0.3783	P	0.7
5	☐	2500.000	2370.533	1361098.05	0.6971	P	1.7
6	☐	5000.000	4993.004	2829899.26	1.4684	A	1.9
7	☐	10000.000	10031.029	5558700.41	2.9500	A	3.6
8	☐			5899.04	0.0034	P	13.4

y = 2.9409E-004 * x + 3.1282E-006
R = 0.9999
DL = 0.0003113

Weight: <None>
Min Conc: 0

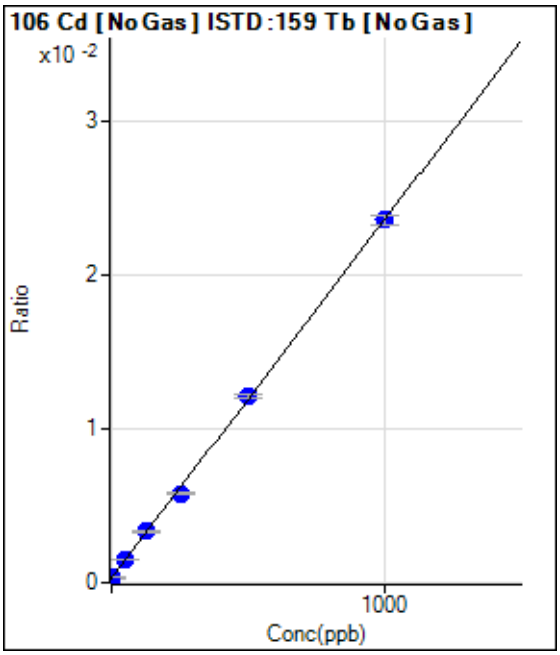
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	46.3
2	☐	5.000	4.416	7270.76	0.0034	P	2.2
3	☐	500.000	504.373	800683.50	0.3845	P	0.7
4	☐	1250.000	1266.041	1935097.99	0.9650	A	0.6
5	☐	2500.000	2324.020	3458244.88	1.7715	A	2.4
6	☐	5000.000	4963.404	7290927.53	3.7833	A	2.5
7	☐	10000.000	10060.070	14450925.48	7.6682	A	2.7
8	☐			15088.02	0.0086	P	13.9

y = 7.6224E-004 * x + 8.3137E-006
R = 0.9998
DL = 0.01516

Weight: <None>
Min Conc: 0

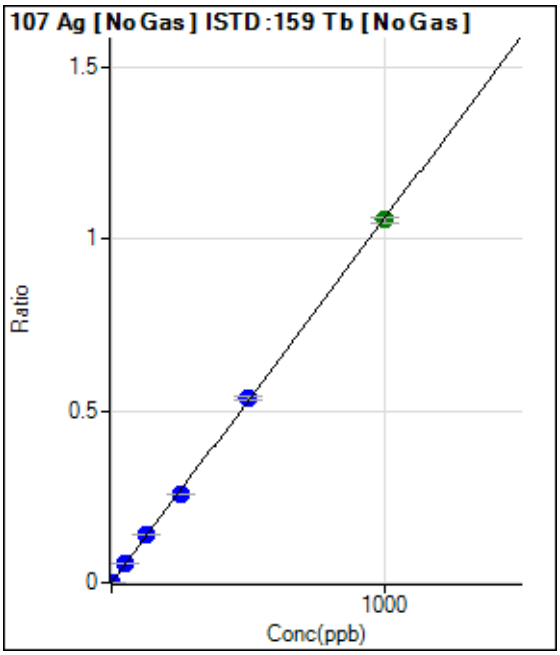


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	645.58	0.0003	P	1.3
2	☐	1.000	1.146	710.03	0.0003	P	3.4
3	☐	50.000	51.760	3183.71	0.0015	P	6.8
4	☐	125.000	130.239	6965.06	0.0033	P	3.0
5	☐	250.000	236.137	11589.15	0.0058	P	0.9
6	☐	500.000	505.876	23742.80	0.0121	P	2.2
7	☐	1000.000	999.785	46018.19	0.0235	P	2.4
8	☐			626.69	0.0003	P	5.5

y = 2.3245E-005 * x + 2.9934E-004
R = 0.9998
DL = 0.5059

Weight: <None>
Min Conc: 0

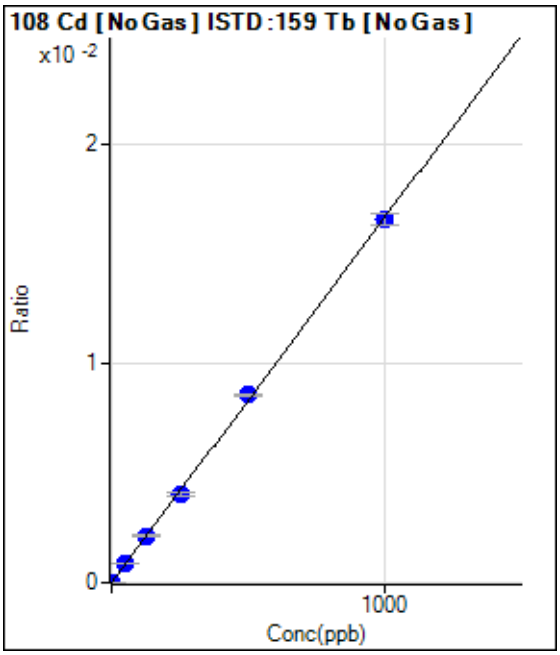
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	27.6
2	☐	1.000	1.008	2344.66	0.0011	P	3.5
3	☐	50.000	53.511	120226.86	0.0567	P	1.9
4	☐	125.000	131.836	292575.75	0.1397	P	0.8
5	☐	250.000	242.444	514375.03	0.2569	P	1.5
6	☐	500.000	508.817	1061689.23	0.5392	P	2.2
7	☐	1000.000	996.450	2064498.51	1.0560	A	1.9
8	☐			1907.92	0.0010	P	19.3

y = 0.0011 * x + 8.2280E-006
R = 0.9999
DL = 0.006432

Weight: <None>
Min Conc: 0

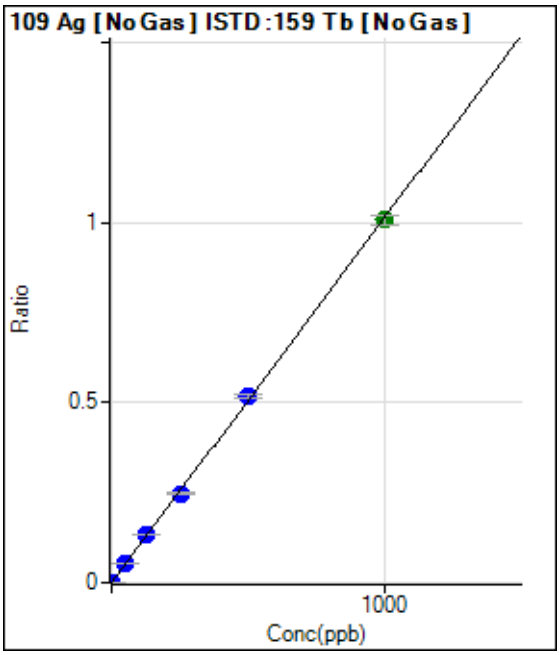


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	0.704	27.78	0.0000	P	34.3
3	☐	50.000	51.711	1826.80	0.0009	P	3.0
4	☐	125.000	127.415	4440.72	0.0021	P	4.0
5	☐	250.000	242.860	8091.21	0.0040	P	2.6
6	☐	500.000	513.946	16840.96	0.0086	P	1.8
7	☐	1000.000	994.425	32349.40	0.0165	P	3.1
8	☐			43.33	0.0000	P	22.1

y = 1.6639E-005 * x + 1.0287E-006
R = 0.9998
DL = 0.1606

Weight: <None>
Min Conc: 0

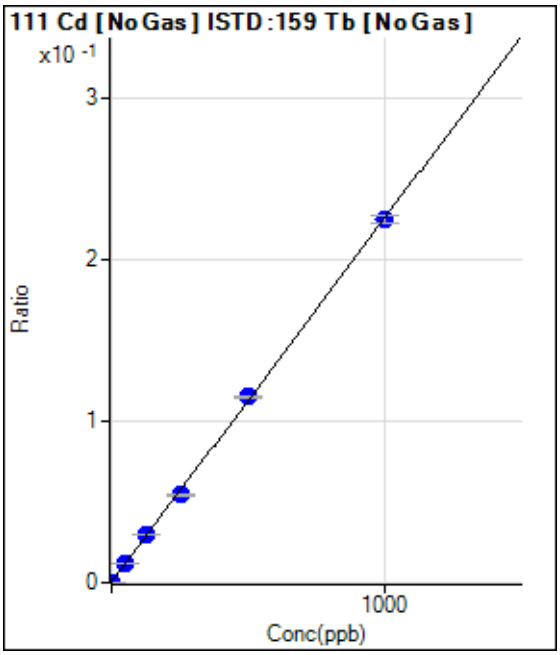
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.
2	☐	1.000	1.002	2212.42	0.0010	P	4.9
3	☐	50.000	53.538	114883.70	0.0542	P	1.2
4	☐	125.000	132.788	281446.70	0.1344	P	1.0
5	☐	250.000	244.179	494824.56	0.2472	P	1.1
6	☐	500.000	511.913	1020259.13	0.5182	P	1.8
7	☐	1000.000	994.348	1967549.54	1.0065	A	2.6
8	☐			1893.48	0.0010	P	16.1

y = 0.0010 * x + 1.5599E-006
R = 0.9998
DL = 0.008008

Weight: <None>
Min Conc: 0

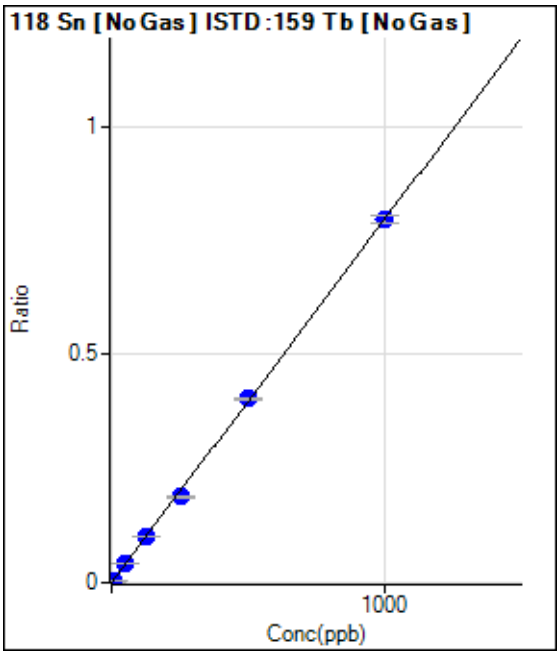


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	453.68	0.0002	P	1.5
2	☐	1.000	1.030	964.26	0.0004	P	4.2
3	☐	50.000	52.699	25632.03	0.0121	P	3.0
4	☐	125.000	131.168	62369.88	0.0298	P	1.2
5	☐	250.000	241.700	109518.33	0.0547	P	1.9
6	☐	500.000	510.711	227167.04	0.1154	P	1.2
7	☐	1000.000	995.814	439365.20	0.2247	P	2.3
8	☐			852.81	0.0005	P	3.7

y = 2.2548E-004 * x + 2.1036E-004
R = 0.9999
DL = 0.04175

Weight: <None>
Min Conc: 0

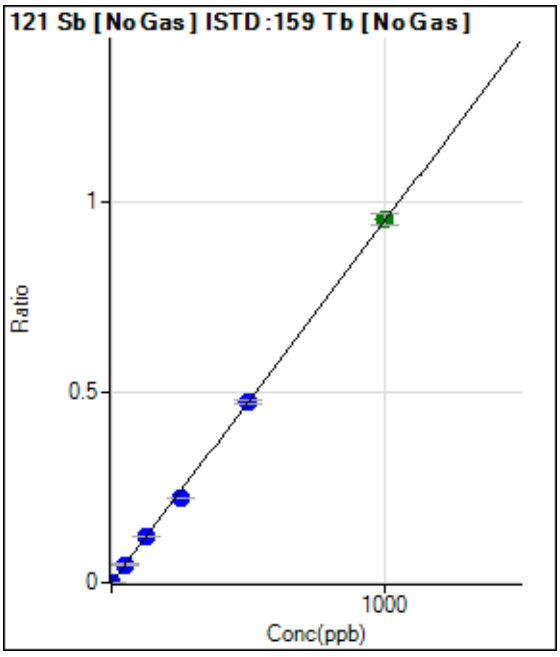
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.90	0.0002	P	4.3
2	☐	5.000	5.048	9169.70	0.0042	P	1.6
3	☐	50.000	51.702	87674.56	0.0414	P	2.7
4	☐	125.000	127.913	213691.18	0.1021	P	1.2
5	☐	250.000	236.784	377869.24	0.1887	P	1.6
6	☐	500.000	507.184	795688.99	0.4041	P	1.2
7	☐	1000.000	999.263	1556040.27	0.7959	P	2.3
8	☐			2350.22	0.0013	P	9.2

y = 7.9633E-004 * x + 1.8966E-004
R = 0.9999
DL = 0.03046

Weight: <None>
Min Conc: 0

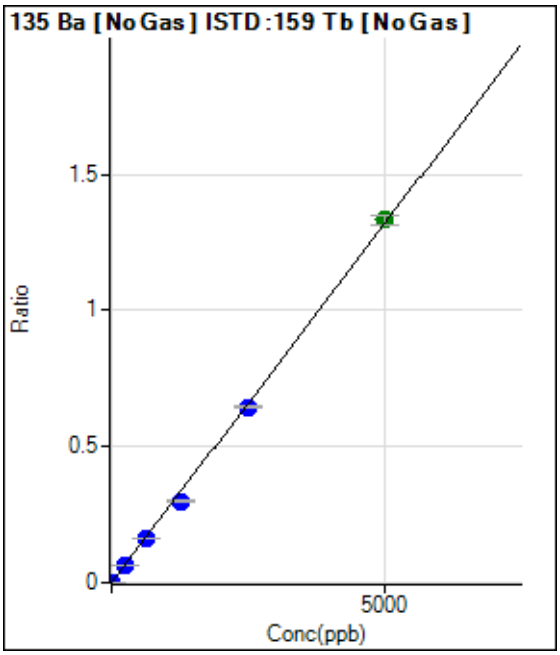


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	1.0
2	☐	2.000	1.988	4122.85	0.0019	P	3.8
3	☐	50.000	50.297	101025.92	0.0477	P	1.8
4	☐	125.000	126.122	250192.71	0.1195	P	1.4
5	☐	250.000	233.891	443605.00	0.2216	P	1.2
6	☐	500.000	500.268	933213.56	0.4739	P	1.2
7	☐	1000.000	1003.738	1858662.93	0.9509	A	3.3
8	☐			3019.24	0.0017	P	6.7

y = 9.4730E-004 * x + 9.2747E-006
R = 0.9998
DL = 0.000293

Weight: <None>
Min Conc: 0

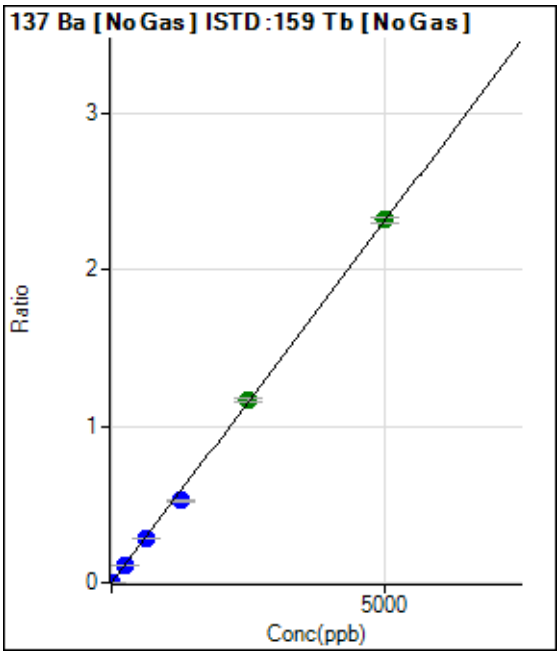
Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	48.6
2	☐	10.000	9.252	5329.93	0.0024	P	2.8
3	☐	250.000	248.343	138695.29	0.0654	P	1.7
4	☐	625.000	612.837	338048.69	0.1614	P	1.3
5	☐	1250.000	1138.801	600565.62	0.3000	P	1.6
6	☐	2500.000	2445.466	1268472.93	0.6442	P	1.3
7	☐	5000.000	5056.671	2603943.85	1.3320	A	2.7
8	☐			3194.84	0.0018	P	9.4

y = 2.6341E-004 * x + 9.8130E-006
R = 0.9996
DL = 0.05432

Weight: <None>
Min Conc: 0

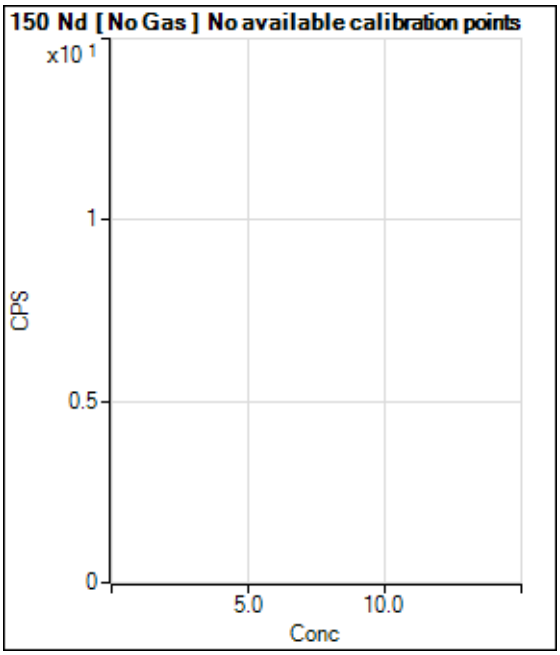


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	30.2
2	☐	10.000	9.533	9606.66	0.0044	P	2.7
3	☐	250.000	247.227	241896.70	0.1141	P	1.4
4	☐	625.000	613.849	593216.60	0.2833	P	1.4
5	☐	1250.000	1136.791	1050317.19	0.5246	P	1.6
6	☐	2500.000	2521.976	2291855.00	1.1639	A	1.5
7	☐	5000.000	5018.847	4528815.84	2.3162	A	1.4
8	☐			5565.59	0.0031	P	12.1

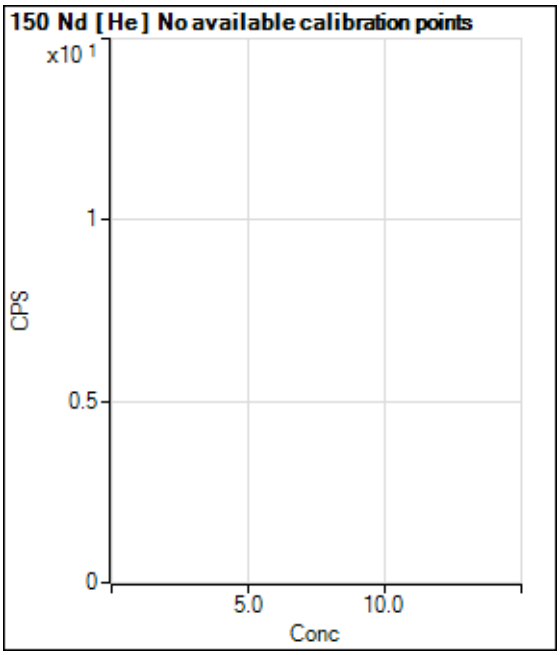
y = 4.6150E-004 * x + 1.0285E-005
R = 0.9997
DL = 0.02017

Weight: <None>
Min Conc: 0

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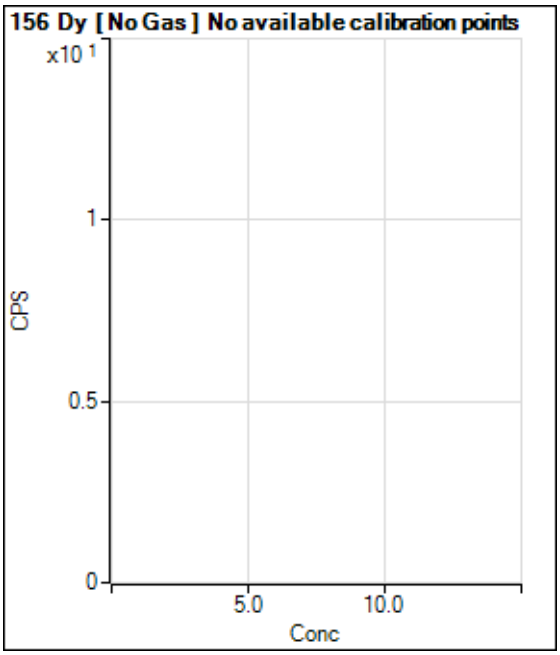


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			10.00		P	66.7
4	☐			43.33		P	27.7
5	☐			58.89		P	14.2
6	☐			132.23		P	13.9
7	☐			281.12		P	8.1
8	☐			24.44		P	47.9

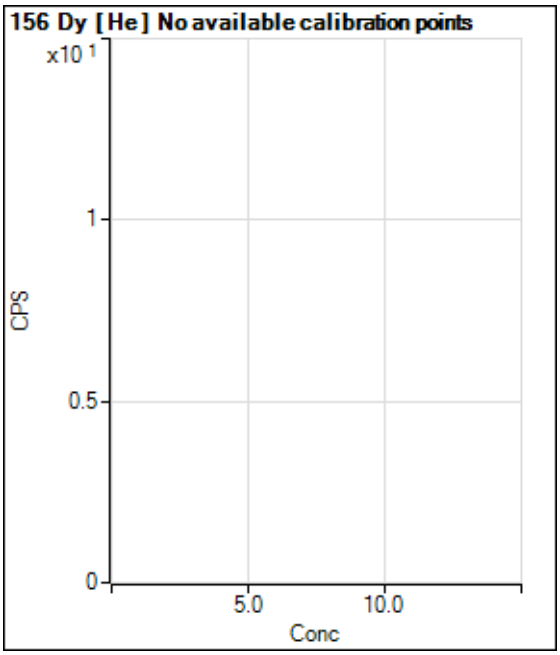


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			7.78		P	65.5
5	☐			14.45		P	26.7
6	☐			17.78		P	28.6
7	☐			45.55		P	49.8
8	☐			21.11		P	24.1

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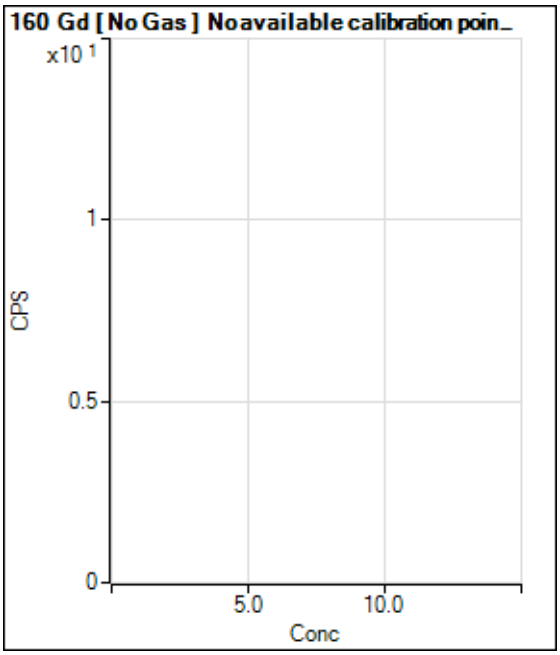


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			14.44		P	53.3
2	☐			15.55		P	44.6
3	☐			21.11		P	24.1
4	☐			24.45		P	64.4
5	☐			23.33		P	62.3
6	☐			32.22		P	21.5
7	☐			86.67		P	10.2
8	☐			73.33		P	9.1

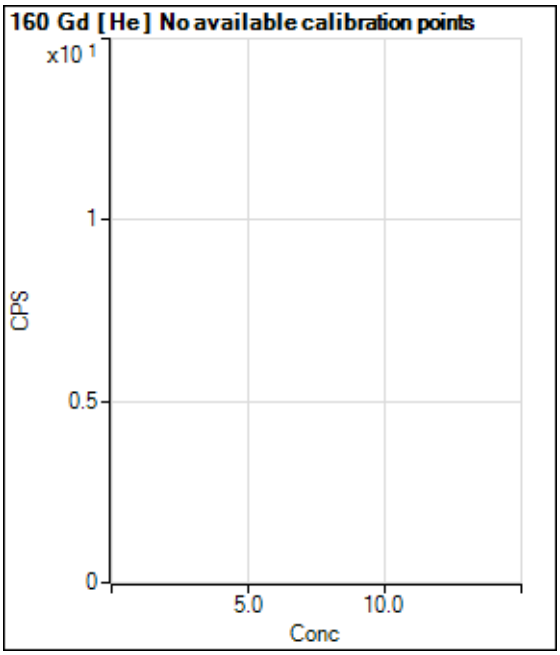


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	43.4
2	☐			8.89		P	86.6
3	☐			13.33		P	43.3
4	☐			24.44		P	20.8
5	☐			40.00		P	41.7
6	☐			56.67		P	42.4
7	☐			132.23		P	25.9
8	☐			68.89		P	15.6

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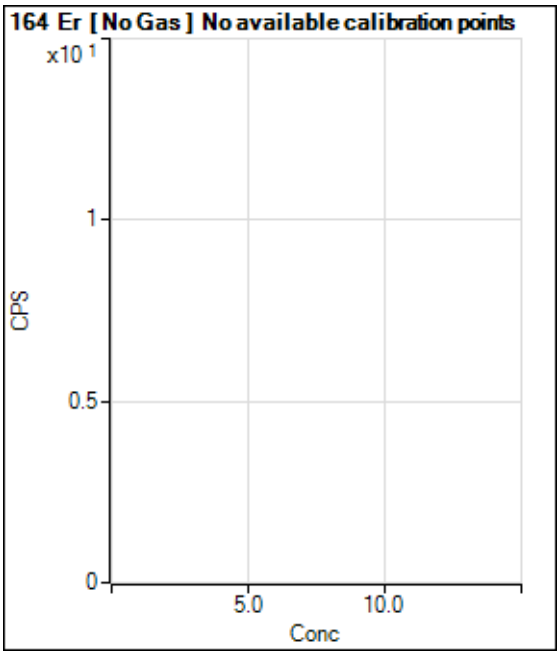


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.66		P	86.6
2	☐			1.11		P	173.
3	☐			8.89		P	94.4
4	☐			2.22		P	86.6
5	☐			3.33		P	100.
6	☐			15.56		P	53.9
7	☐			28.89		P	29.0
8	☐			55.56		P	33.0

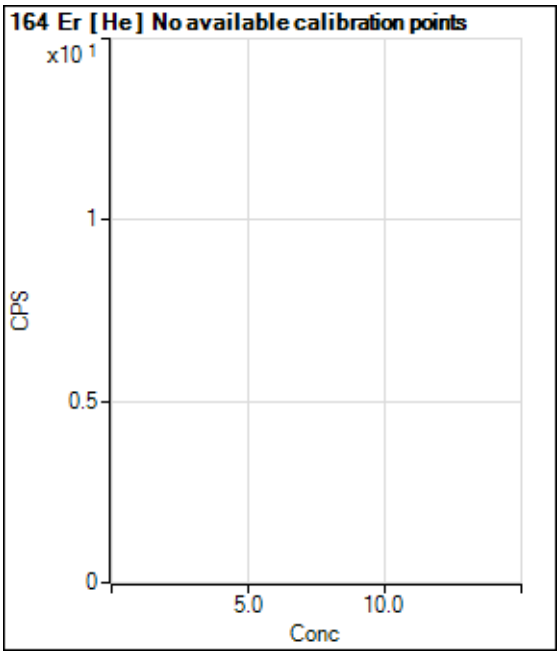


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			68.89		P	18.3
2	☐			80.00		P	26.0
3	☐			87.78		P	12.2
4	☐			85.55		P	19.6
5	☐			84.44		P	20.3
6	☐			96.67		P	21.0
7	☐			117.78		P	14.0
8	☐			141.11		P	15.7

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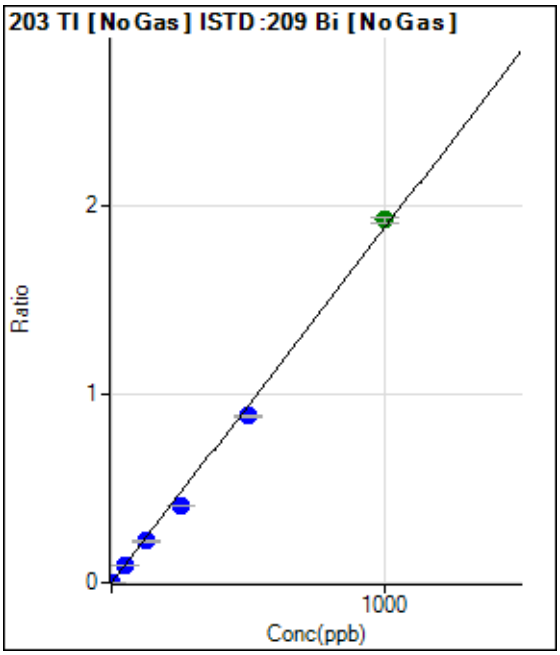


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	66.1
2	☐			7.78		P	137.
3	☐			8.89		P	21.6
4	☐			16.67		P	52.9
5	☐			15.56		P	98.9
6	☐			22.22		P	37.8
7	☐			15.56		P	12.4
8	☐			80.00		P	11.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	43.4
2	☐			10.00		P	33.3
3	☐			4.44		P	114.
4	☐			4.44		P	43.4
5	☐			13.33		P	25.0
6	☐			11.11		P	17.3
7	☐			14.44		P	70.5
8	☐			56.67		P	25.6

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	19.7
2	☐	1.000	0.904	2315.78	0.0017	P	2.9
3	☐	50.000	46.583	113361.62	0.0878	P	0.6
4	☐	125.000	117.141	278273.76	0.2207	P	1.5
5	☐	250.000	219.185	497132.99	0.4129	P	0.3
6	☐	500.000	470.880	1051096.97	0.8871	P	0.9
7	☐	1000.000	1023.417	2262138.52	1.9280	A	1.5
8	☐			2009.06	0.0020	P	17.6

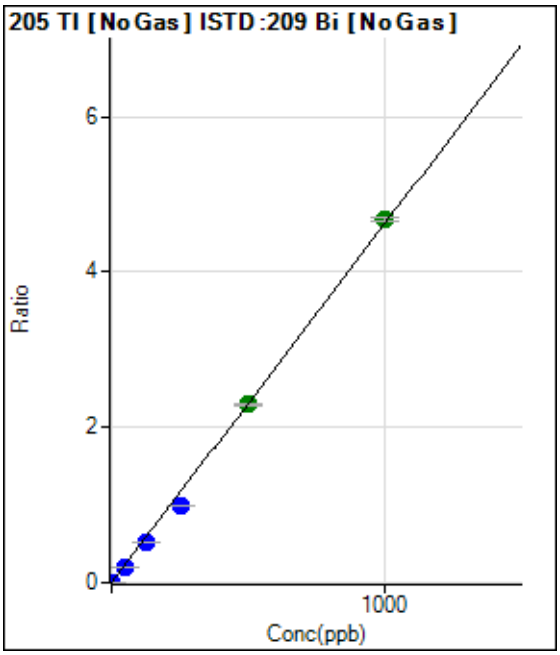
y = 0.0019 * x + 3.1786E-005

R = 0.9989

DL = 0.009973

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0001	P	9.3
2	☐	1.000	0.865	5454.49	0.0041	P	1.3
3	☐	50.000	45.325	270246.67	0.2093	P	0.8
4	☐	125.000	114.509	666447.57	0.5286	P	1.3
5	☐	250.000	214.618	1192549.60	0.9906	P	0.7
6	☐	500.000	497.032	2718107.91	2.2940	A	0.8
7	☐	1000.000	1011.875	5479550.82	4.6700	A	1.0
8	☐			4944.31	0.0049	P	14.6

y = 0.0046 * x + 9.5399E-005

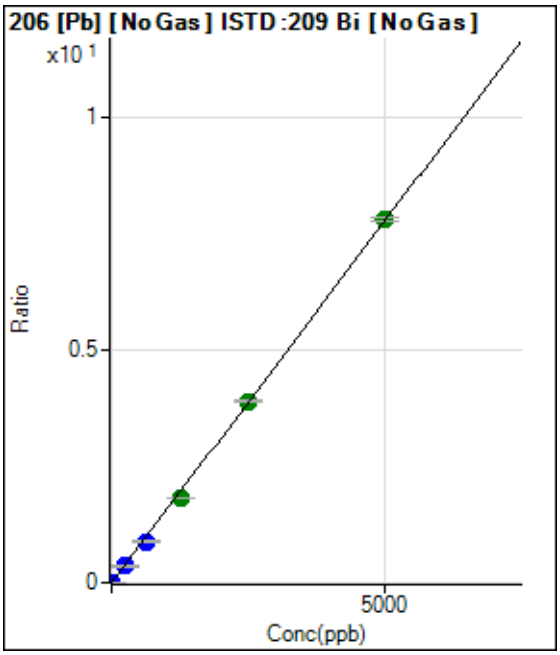
R = 0.9993

DL = 0.005796

Weight: <None>

Min Conc: 0

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0001	P	21.7
2	☐	1.000	0.839	1825.70	0.0014	P	1.0
3	☐	250.000	227.567	455872.03	0.3530	P	1.3
4	☐	625.000	571.762	1118239.63	0.8869	P	1.0
5	☐	1250.000	1173.616	2191486.69	1.8204	A	1.4
6	☐	2500.000	2506.111	4605731.95	3.8871	A	1.3
7	☐	5000.000	5023.817	9142829.66	7.7921	A	1.1
8	☐			8309.35	0.0083	P	15.0

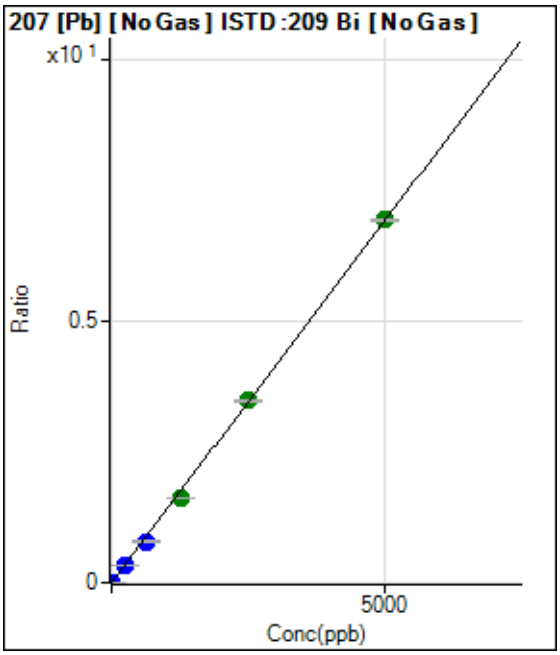
y = 0.0016 * x + 6.6119E-005

R = 0.9998

DL = 0.0278

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0001	P	5.3
2	☐	1.000	0.876	1716.79	0.0013	P	2.1
3	☐	250.000	227.600	406666.79	0.3149	P	0.3
4	☐	625.000	568.803	992174.93	0.7869	P	1.3
5	☐	1250.000	1172.696	1952954.78	1.6223	A	1.6
6	☐	2500.000	2520.190	4130795.15	3.4863	A	1.3
7	☐	5000.000	5017.376	8144001.41	6.9407	A	0.8
8	☐			7555.54	0.0076	P	13.7

y = 0.0014 * x + 7.4471E-005

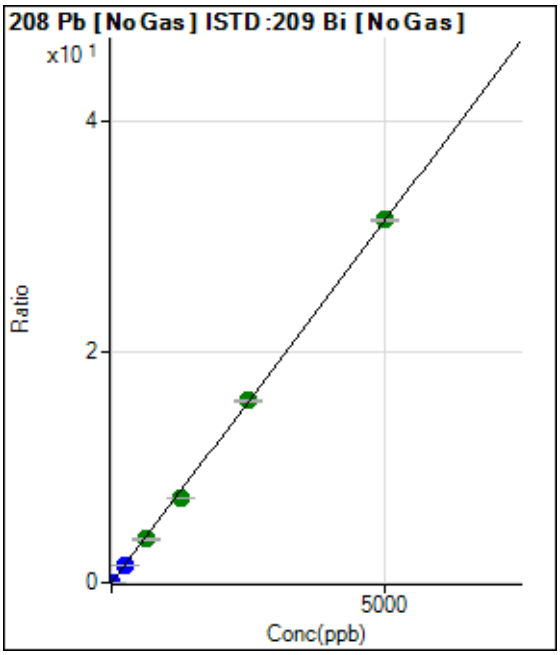
R = 0.9998

DL = 0.008572

Weight: <None>

Min Conc: 0

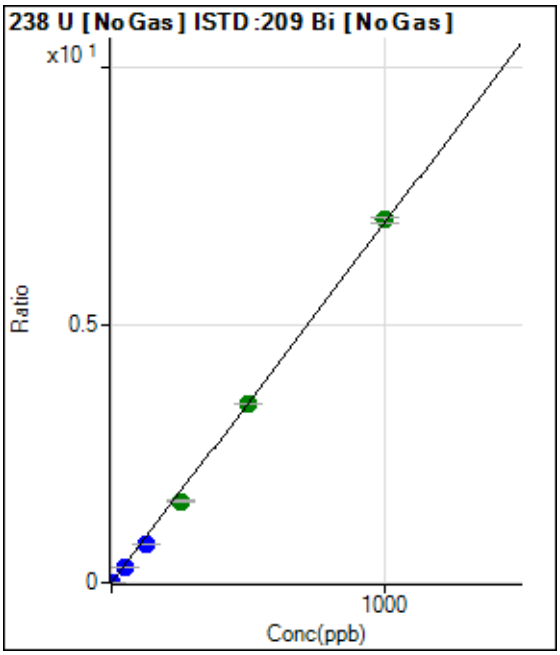
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	378.90	0.0003	P	4.3
2	☐	1.000	0.881	7749.85	0.0058	P	0.9
3	☐	250.000	228.419	1848526.75	1.4315	P	0.8
4	☐	625.000	599.437	4736001.88	3.7562	A	1.3
5	☐	1250.000	1167.531	8807109.94	7.3157	A	1.1
6	☐	2500.000	2514.469	18668550.14	15.7552	A	1.0
7	☐	5000.000	5017.657	36890008.41	31.4394	A	0.8
8	☐			34175.33	0.0342	P	13.5

y = 0.0063 * x + 2.8531E-004
R = 0.9998
DL = 0.00588

Weight: <None>
Min Conc: 0

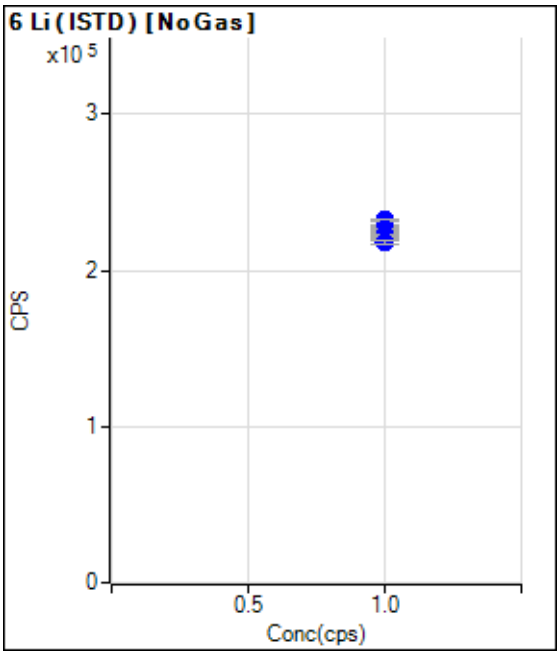


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0000	P	43.5
2	☐	1.000	0.834	7772.32	0.0058	P	1.4
3	☐	50.000	43.229	389136.20	0.3013	P	0.5
4	☐	125.000	109.286	960535.40	0.7618	P	0.1
5	☐	250.000	227.153	1906129.12	1.5834	A	1.4
6	☐	500.000	498.424	4116768.34	3.4743	A	0.4
7	☐	1000.000	1008.803	8250833.77	7.0319	A	1.7
8	☐			6778.49	0.0068	P	14.5

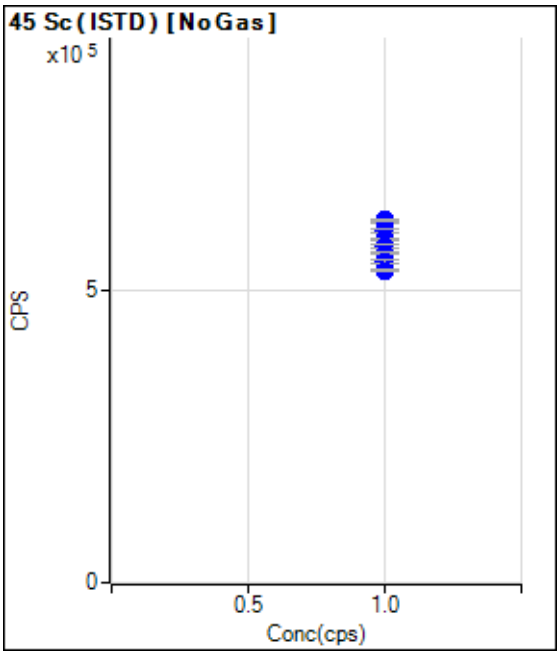
y = 0.0070 * x + 1.0047E-005
R = 0.9997
DL = 0.001883

Weight: <None>
Min Conc: 0

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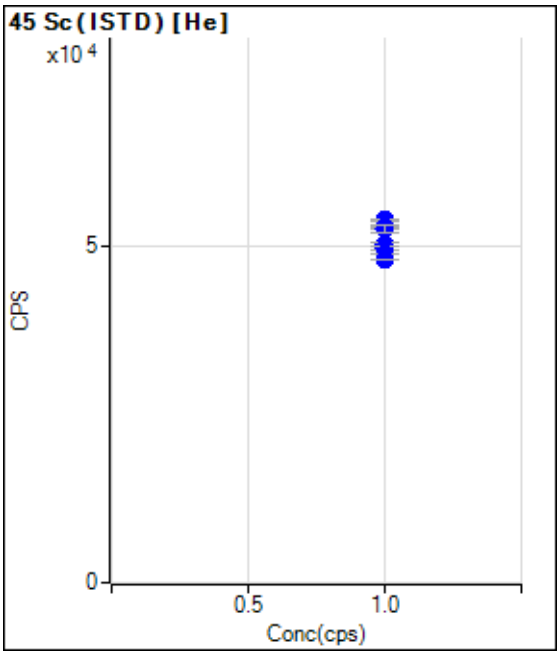


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		225482.47		P	0.6
2	☐	1.000		228538.38		P	0.4
3	☐	1.000		223948.08		P	0.4
4	☐	1.000		221077.38		P	0.5
5	☐	1.000		232322.62		P	0.5
6	☐	1.000		226455.19		P	0.4
7	☐	1.000		222446.50		P	0.9
8	☐	1.000		218075.39		P	1.6

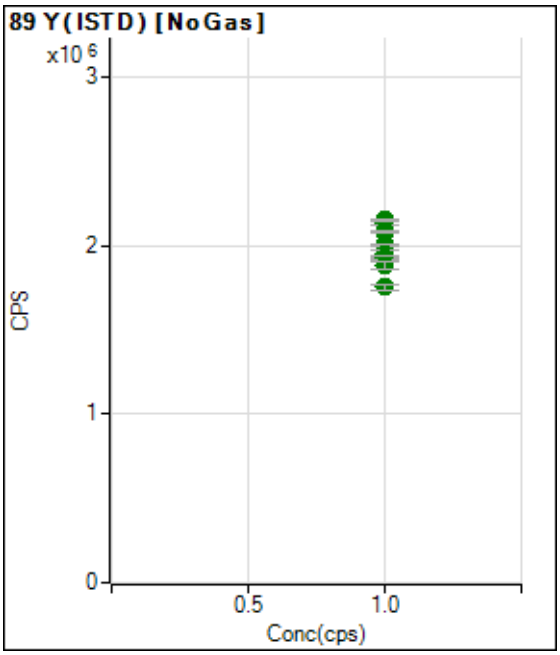


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		618794.20		P	0.3
2	☐	1.000		622415.25		P	0.6
3	☐	1.000		603225.20		P	1.0
4	☐	1.000		589779.80		P	0.7
5	☐	1.000		577828.45		P	1.0
6	☐	1.000		565460.29		P	1.0
7	☐	1.000		552402.12		P	1.2
8	☐	1.000		535931.33		P	0.6

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

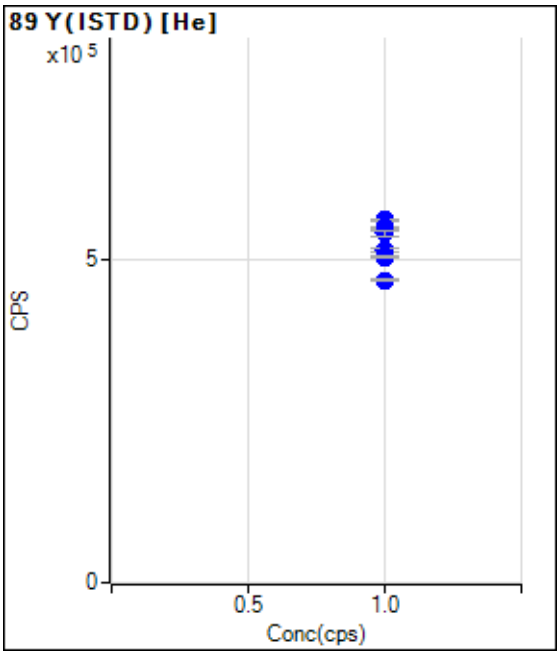


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2	☐	1.000		52736.92		P	1.1
3	☐	1.000		52746.94		P	0.7
4	☐	1.000		52506.17		P	2.4
5	☐	1.000		50141.54		P	1.1
6	☐	1.000		49696.64		P	0.8
7	☐	1.000		48788.30		P	0.3
8	☐	1.000		48050.40		P	0.0

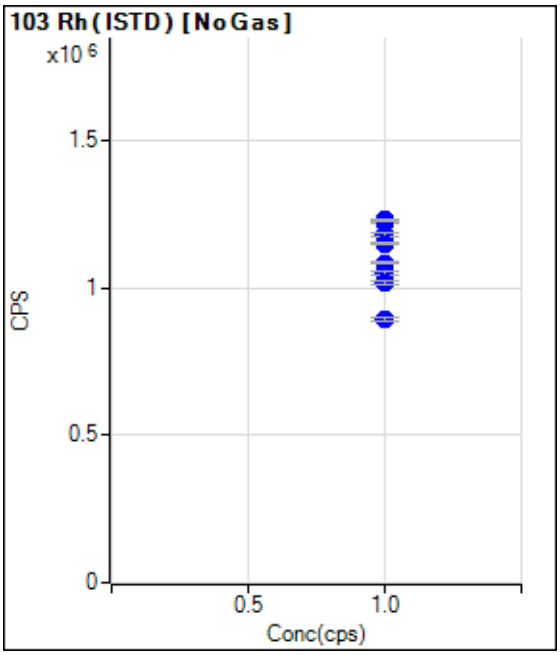


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1	☐	1.000		2132335.82		A	1.0
2	☐	1.000		2154613.53		A	0.3
3	☐	1.000		2082660.00		A	0.6
4	☐	1.000		2005218.76		A	0.6
5	☐	1.000		1952800.25		A	2.0
6	☐	1.000		1927551.26		A	1.5
7	☐	1.000		1885178.72		A	2.0
8	☐	1.000		1754762.40		A	2.0

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

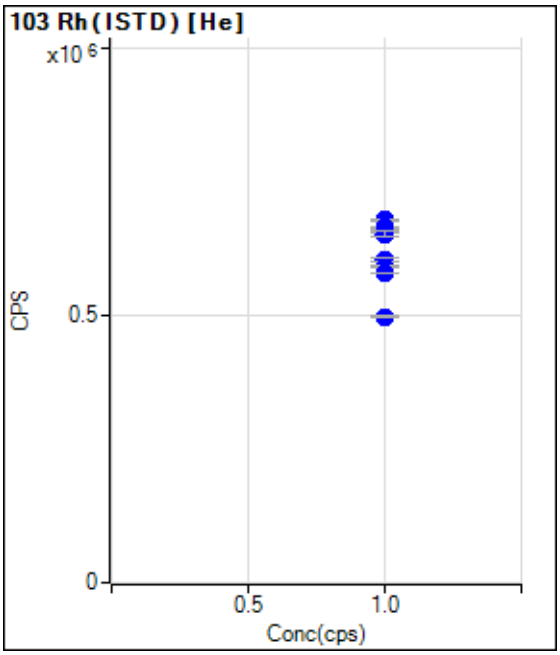


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		561292.27		P	0.5
2	☐	1.000		549775.74		P	0.6
3	☐	1.000		545852.42		P	0.6
4	☐	1.000		541309.85		P	1.7
5	☐	1.000		513794.95		P	1.2
6	☐	1.000		504874.87		P	0.1
7	☐	1.000		503434.93		P	0.5
8	☐	1.000		467700.87		P	0.5

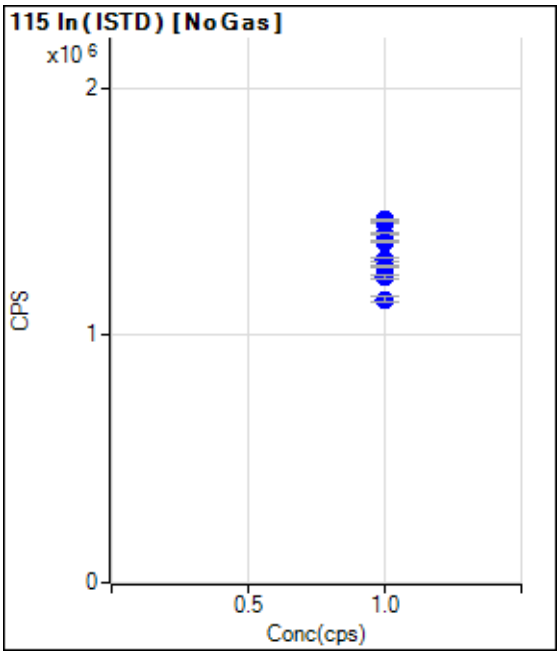


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1	☐	1.000		1222885.37		P	0.7
2	☐	1.000		1231365.68		P	0.3
3	☐	1.000		1178495.17		P	1.1
4	☐	1.000		1151044.31		P	0.6
5	☐	1.000		1085725.05		P	0.7
6	☐	1.000		1049119.03		P	1.1
7	☐	1.000		1020026.06		P	1.3
8	☐	1.000		895986.44		P	1.4

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
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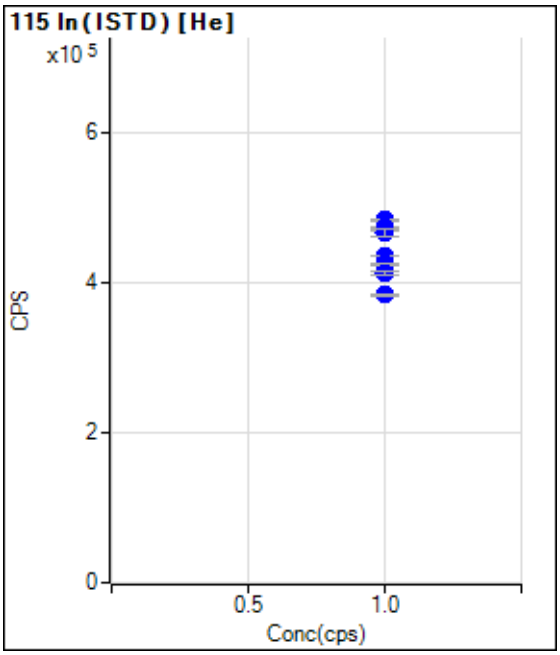


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1	☐	1.000		678685.60		P	0.2
2	☐	1.000		663992.58		P	0.5
3	☐	1.000		657275.24		P	0.8
4	☐	1.000		651568.94		P	1.7
5	☐	1.000		604842.60		P	0.8
6	☐	1.000		590249.61		P	0.7
7	☐	1.000		579104.24		P	0.4
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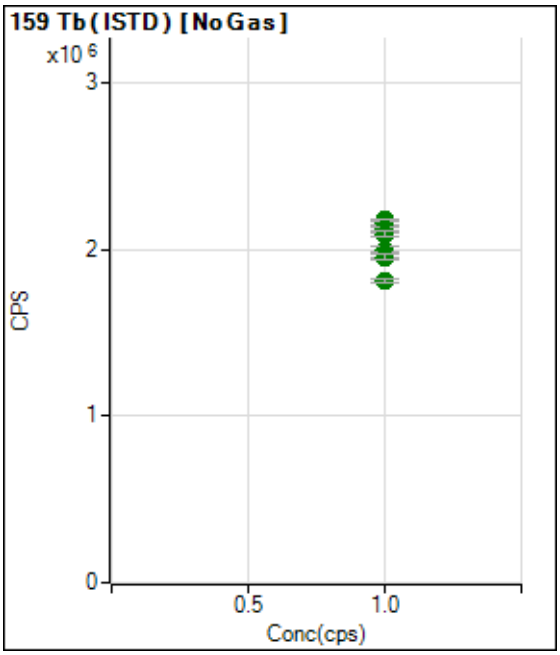


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1	☐	1.000		1456666.64		P	0.6
2	☐	1.000		1466575.96		P	0.4
3	☐	1.000		1408448.83		P	0.7
4	☐	1.000		1378916.51		P	0.4
5	☐	1.000		1305724.50		P	0.9
6	☐	1.000		1276982.08		P	0.8
7	☐	1.000		1237087.36		P	1.1
8	☐	1.000		1142895.20		P	2.0

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
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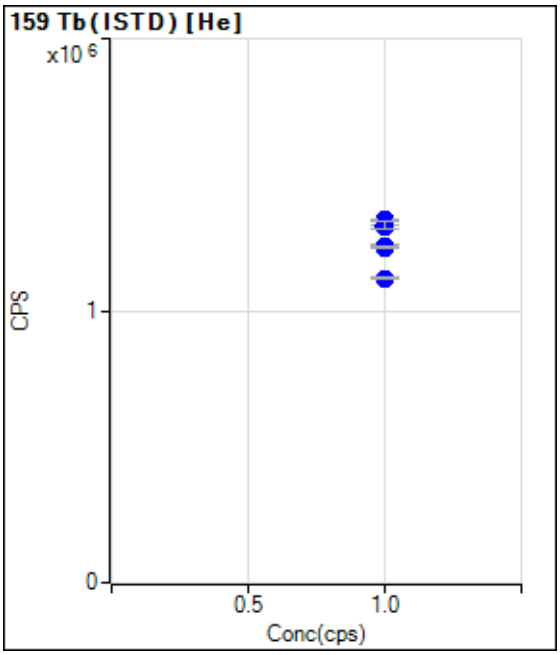


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		483250.59		P	0.4
2	☐	1.000		472878.05		P	0.9
3	☐	1.000		469237.27		P	0.5
4	☐	1.000		466362.53		P	1.9
5	☐	1.000		435575.80		P	0.5
6	☐	1.000		424271.79		P	0.5
7	☐	1.000		412408.67		P	0.7
8	☐	1.000		383279.56		P	0.2

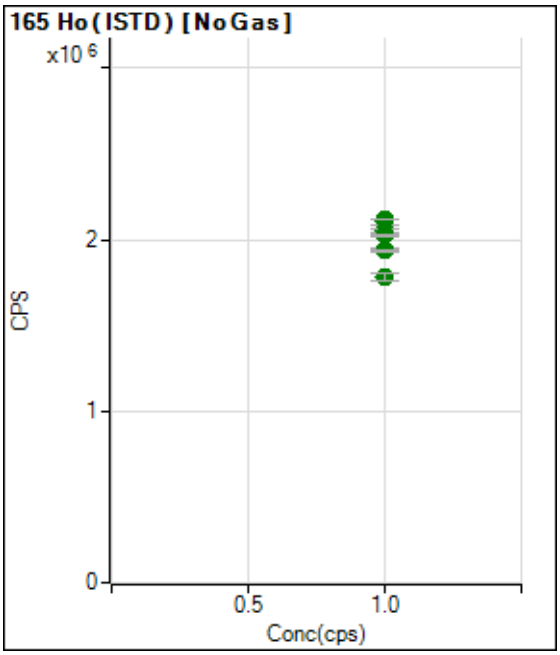


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2156552.45		A	1.0
2	☐	1.000		2178291.12		A	0.5
3	☐	1.000		2120186.93		A	1.4
4	☐	1.000		2094162.54		A	1.2
5	☐	1.000		2002328.82		A	1.7
6	☐	1.000		1969377.65		A	1.4
7	☐	1.000		1955543.34		A	1.9
8	☐	1.000		1813482.28		A	1.8

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
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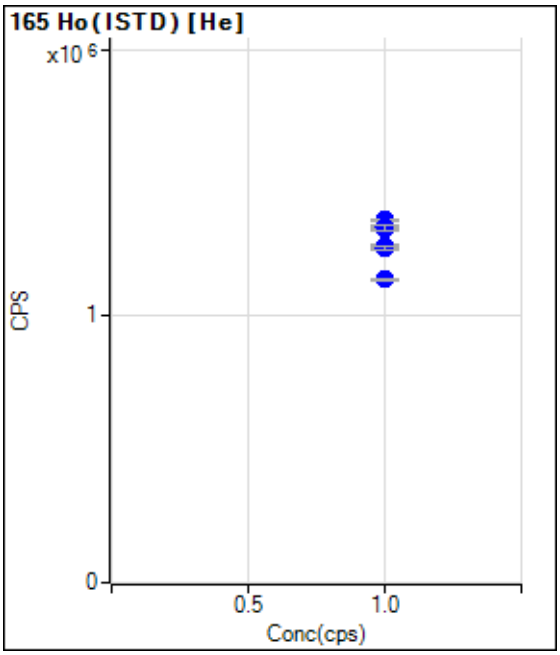


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1335544.28		P	0.5
2	☐	1.000		1309604.15		P	0.8
3	☐	1.000		1307931.83		P	1.0
4	☐	1.000		1316040.03		P	1.7
5	☐	1.000		1240337.60		P	1.1
6	☐	1.000		1232001.78		P	0.6
7	☐	1.000		1235023.53		P	0.5
8	☐	1.000		1120321.03		P	0.5

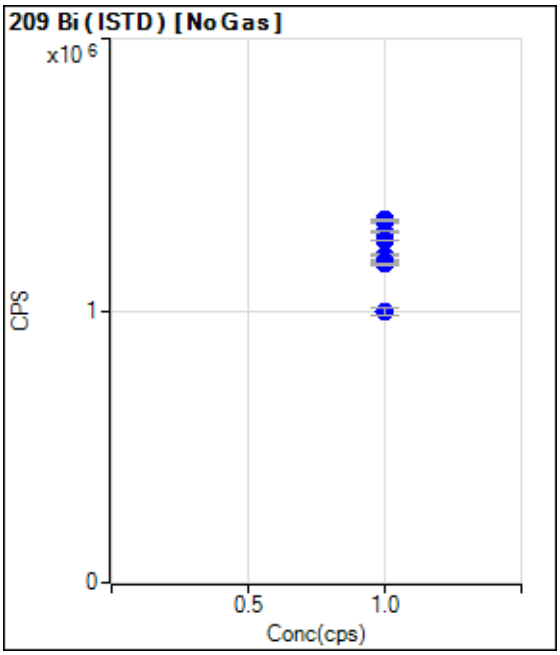


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2104510.13		A	1.6
2	☐	1.000		2115008.23		A	0.2
3	☐	1.000		2049589.22		A	1.0
4	☐	1.000		2027732.04		A	0.6
5	☐	1.000		1937313.58		A	1.2
6	☐	1.000		1936369.85		A	1.2
7	☐	1.000		1935507.73		A	0.7
8	☐	1.000		1779373.50		A	2.8

Reviewed By:Mohan
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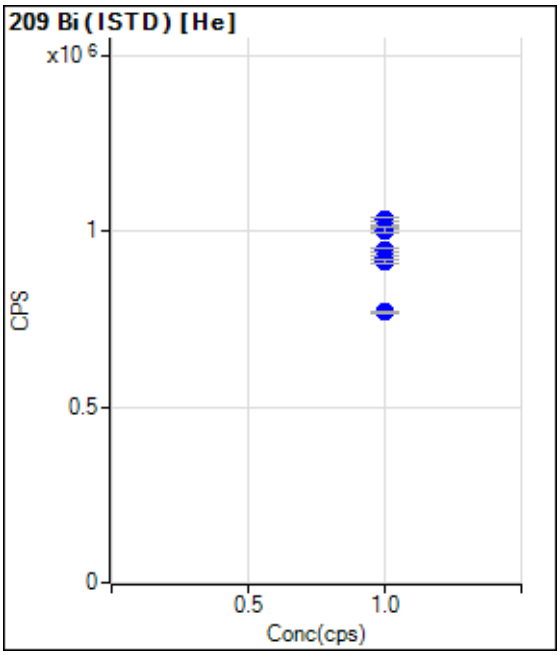


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1360428.63		P	0.5
2	☐	1.000		1327511.33		P	0.7
3	☐	1.000		1331312.38		P	0.9
4	☐	1.000		1331092.64		P	1.5
5	☐	1.000		1262648.64		P	1.4
6	☐	1.000		1255784.46		P	0.3
7	☐	1.000		1254313.70		P	1.0
8	☐	1.000		1138284.54		P	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1327934.03		P	0.2
2	☐	1.000		1335162.26		P	0.2
3	☐	1.000		1291366.37		P	0.6
4	☐	1.000		1260889.89		P	0.3
5	☐	1.000		1203897.36		P	0.7
6	☐	1.000		1184937.08		P	0.7
7	☐	1.000		1173402.78		P	0.7
8	☐	1.000		996461.33		P	2.5

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1032210.93		P	1.0
2	☐	1.000		1007912.99		P	0.7
3	☐	1.000		1013934.22		P	0.4
4	☐	1.000		1003879.02		P	1.8
5	☐	1.000		945599.93		P	1.3
6	☐	1.000		924474.93		P	1.0
7	☐	1.000		913164.33		P	0.9
8	☐	1.000		769356.71		P	0.8

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102024-MS2.b
Acq. Date-Time	2024-10-20 15:50:35
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		1573	15727.17			0.929	5.000
24		51709	517088.59			0.891	5.000
25		7024	70241.51			0.707	5.000
26		8254	82542.41			1.117	5.000
59		9359	93589.86			1.363	5.000
113		978	9780.04			0.720	5.000
115		21995	219951.33			1.268	5.000
206		5791	57910.44			0.932	5.000
207		4792	47922.45			0.693	5.000
208		11855	118549.38			0.716	5.000
220		0	0.60			108.653	

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	1566	1550	1580	1586	1581
24	51142	51299	52142	51870	52092
25	6973	6968	7069	7065	7046
26	8147	8167	8315	8290	8353
59	9165	9292	9457	9436	9445
113	966	978	985	979	982
115	21592	21836	22107	22150	22290
206	5727	5739	5844	5824	5822
207	4740	4791	4787	4824	4818
208	11756	11769	11926	11904	11920

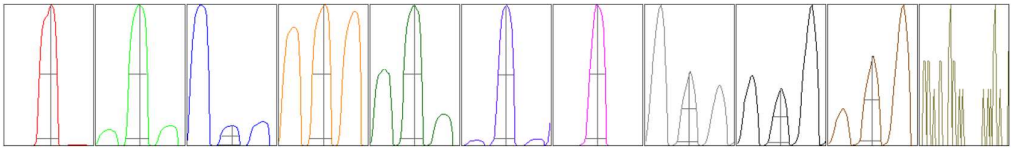
Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	2806.49	9.10	8.90 - 9.10	
24	85938.35	24.00	23.90 - 24.10	
25	11815.57	25.05	24.90 - 25.10	
26	14054.10	26.05	25.90 - 26.10	
59	16142.12	59.00	58.90 - 59.10	
113	1919.38	113.00	112.90 - 113.10	
115	43562.32	115.00	114.90 - 115.10	
206	12320.29	206.00	205.90 - 206.10	
207	10243.89	207.00	206.90 - 207.10	
208	25354.16	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.734	0.900	
24	0.62	0.771	0.900	
25	0.61	0.741	0.900	
26	0.60	0.752	0.900	
59	0.60	0.768	0.900	
113	0.51	0.702	0.900	
115	0.51	0.713	0.900	
206	0.49	0.716	0.900	
207	0.48	0.730	0.900	
208	0.49	0.721	0.900	
220				

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

Tune Parameters

Plasma Parameters

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

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.0 V	Deflect	18.0 V
Extract 2	-100.0 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	0.9976	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.16		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.5 mm		

EM

Discriminator	4.7 mV	Analog HV	2406 V	Pulse HV	1868 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		3149	31488.42			0.580	
89		20764	207638.48			0.714	
205		8268	82682.80			1.195	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	3138	3181	3144	3140	3141
89	21002	20799	20672	20622	20725
205	8412	8325	8166	8216	8223

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.0 V	Deflect	3.6 V

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7
ClientSampleId :TUNE002

US EPA Tune Check Report

Extract 2	-100.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
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	0.9976	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.16		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.5 mm		

EM

Discriminator	4.7 mV	Analog HV	2406 V	Pulse HV	1868 V

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:36:40	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.52	0.72	-0.20	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.02	0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.06	0.05	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.03	-0.06	0.00	N/A	ppb
Cadmium	106-1	-0.19	0.08	0.11	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.00	0.01	0.00	N/A	ppb
Calcium	43-1	6.49	-0.70	-5.79	0.00	N/A	ppb
Calcium	44-1	0.70	-0.82	0.12	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	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	-0.04	0.06	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.26	0.05	0.21	0.00	N/A	ppb
Iron	57-2	0.51	-0.65	0.15	0.00	N/A	ppb
Iron	54-2	0.21	-0.12	-0.09	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:36:40	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	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	-0.80	-0.29	1.09	0.00	N/A	ppb
Manganese	55-2	0.07	-0.01	-0.06	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	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	0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.06	0.01	0.00	N/A	ppb
Phosphorus	31-2	-19.81	-23.49	-19.95	-21.08		ppb
Potassium	39-2	1.60	3.38	-4.98	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.57	0.03	-0.59	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.27	-1.99	-1.28	0.00	N/A	ppb
Silicon	28-1	-0.18	0.07	0.11	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.61	0.55	0.05	0.00	N/A	ppb
Strontium	86-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	84.84	-64.23	-108.45	-29.28		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	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.02	-0.01	-0.01	0.00	N/A	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:36:40	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	-0.01	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.12	0.09	0.03	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:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:40:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.74	19.79	21.37	19.63	9.27	ppb
Antimony	121-1	2.01	1.88	2.02	1.97	3.83	ppb
Arsenic	75-2	1.60	0.87	0.87	1.11	37.85	ppb
Barium	135-1	9.47	9.14	9.65	9.42	2.77	ppb
Barium	137-1	9.89	9.81	9.40	9.70	2.72	ppb
Beryllium	9-1	1.05	0.91	0.97	0.98	7.01	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.84	0.84	0.39	0.69	37.27	ppb
Cadmium	106-1	1.10	0.64	1.56	1.10	41.93	ppb
Cadmium	111-1	0.89	1.04	1.01	0.98	8.03	ppb
Calcium	43-1	475.61	479.78	473.54	476.31	0.67	ppb
Calcium	44-1	471.97	473.79	469.94	471.90	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.05	1.87	1.96	4.50	ppb
Cobalt	59-2	1.00	1.13	1.04	1.06	6.40	ppb
Copper	63-2	2.00	2.01	1.92	1.98	2.50	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				100		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	52.65	52.40	53.05	52.70	0.63	ppb
Iron	57-2	54.44	57.03	47.30	52.92	9.52	ppb
Iron	54-2	49.09	50.45	45.38	48.31	5.43	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:40:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.92	0.91	0.92	0.92	1.09	ppb
Lead	207-1	0.94	0.96	0.98	0.96	2.22	ppb
Lead	208-1	0.92	0.92	0.93	0.92	0.92	ppb
Lithium	6-1				101		%
Magnesium	24-2	517.95	522.21	529.71	523.29	1.14	ppb
Manganese	55-2	0.99	0.94	0.96	0.97	2.64	ppb
Molybdenum	94-1	4.97	5.18	4.83	4.99	3.51	ppb
Molybdenum	95-1	4.26	4.30	4.28	4.28	0.36	ppb
Molybdenum	96-1	4.42	4.57	4.60	4.53	2.12	ppb
Molybdenum	97-1	4.42	4.22	4.38	4.34	2.49	ppb
Molybdenum	98-1	4.28	4.47	4.34	4.36	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.75	1.06	0.93	17.53	ppb
Phosphorus	31-2	11.80	32.87	18.57	21.08	51.01	ppb
Potassium	39-2	482.53	485.26	486.80	484.86	0.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	5.89	4.28	4.17	4.78	20.15	ppb
Selenium	77-2	3.67	3.70	3.71	3.69	0.59	ppb
Selenium	78-2	6.50	4.29	4.31	5.03	25.22	ppb
Silicon	28-1	3.05	1.90	1.80	2.25	30.91	ppb
Silver	107-1	0.92	0.99	0.95	0.95	3.56	ppb
Silver	109-1	0.90	0.94	0.99	0.94	4.93	ppb
Sodium	23-2	508.04	509.75	513.60	510.46	0.56	ppb
Strontium	86-1	0.80	1.06	1.03	0.96	14.68	ppb
Strontium	88-1	0.94	1.00	0.99	0.98	3.50	ppb
Sulfur	34-1	148.23	-82.32	21.94	29.28	394.28	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.97	0.94	0.99	0.97	2.97	ppb
Thallium	205-1	0.93	0.95	0.95	0.95	1.29	ppb
Tin	118-1	5.02	4.85	4.91	4.93	1.71	ppb
Titanium	47-1	4.39	4.98	4.61	4.66	6.45	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:40:09	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.94	0.96	0.96	1.37	ppb
Vanadium	51-2	4.87	5.19	5.04	5.03	3.18	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	5.83	4.90	5.36	5.36	8.67	ppb
Zirconium	90-1	1.00	1.01	0.99	1.00	0.94	ppb
Zirconium	91-1	0.87	0.93	0.93	0.91	4.08	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:43:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	996.47	1007.98	999.14	1001.20	0.60	ppb
Antimony	121-1	49.09	50.81	49.71	49.87	1.75	ppb
Arsenic	75-2	53.51	47.80	50.77	50.69	5.63	ppb
Barium	135-1	251.29	257.57	249.59	252.82	1.66	ppb
Barium	137-1	250.73	255.25	248.46	251.48	1.37	ppb
Beryllium	9-1	51.11	50.86	49.09	50.35	2.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	52.31	49.27	50.31	50.63	3.05	ppb
Cadmium	106-1	46.78	54.55	47.84	49.72	8.48	ppb
Cadmium	111-1	50.17	51.74	48.66	50.19	3.07	ppb
Calcium	43-1	4984.31	5027.53	4897.69	4969.84	1.33	ppb
Calcium	44-1	4983.20	5074.81	5040.45	5032.82	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.41	51.03	48.52	49.99	2.62	ppb
Cobalt	59-2	50.71	50.25	49.59	50.18	1.12	ppb
Copper	63-2	502.99	509.05	498.93	503.66	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	2646.57	2676.31	2645.92	2656.27	0.65	ppb
Iron	57-2	2481.85	2524.18	2481.68	2495.90	0.98	ppb
Iron	54-2	2530.48	2530.85	2521.38	2527.57	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:43:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	245.21	250.29	251.28	248.93	1.31	ppb
Lead	207-1	249.44	250.94	249.84	250.07	0.31	ppb
Lead	208-1	237.56	241.05	240.56	239.73	0.79	ppb
Lithium	6-1				99		%
Magnesium	24-2	5036.70	5073.41	4982.20	5030.77	0.91	ppb
Manganese	55-2	501.82	507.57	500.58	503.32	0.74	ppb
Molybdenum	94-1	492.35	491.21	491.77	491.78	0.12	ppb
Molybdenum	95-1	489.85	494.10	495.45	493.13	0.59	ppb
Molybdenum	96-1	490.06	492.96	495.88	492.97	0.59	ppb
Molybdenum	97-1	491.08	491.28	494.87	492.41	0.43	ppb
Molybdenum	98-1	495.56	496.77	502.45	498.26	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.23	51.24	49.08	49.85	2.43	ppb
Phosphorus	31-2	1053.07	980.07	905.88	979.67	7.51	ppb
Potassium	39-2	2491.31	2515.04	2489.19	2498.51	0.57	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	49.38	48.95	51.78	50.04	3.05	ppb
Selenium	77-2	38.23	47.41	51.91	45.85	15.21	ppb
Selenium	78-2	50.02	47.15	49.37	48.85	3.08	ppb
Silicon	28-1	49.28	51.03	50.73	50.34	1.86	ppb
Silver	107-1	50.00	51.73	50.17	50.63	1.88	ppb
Silver	109-1	50.23	50.98	49.81	50.34	1.18	ppb
Sodium	23-2	5252.98	5300.75	5216.83	5256.85	0.80	ppb
Strontium	86-1	1241.42	1249.49	1251.04	1247.32	0.41	ppb
Strontium	88-1	1226.02	1225.99	1262.80	1238.27	1.72	ppb
Sulfur	34-1	1068.90	1036.24	1057.56	1054.23	1.57	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	49.41	49.88	49.96	49.75	0.60	ppb
Thallium	205-1	49.10	49.74	49.81	49.55	0.78	ppb
Tin	118-1	50.51	51.82	49.03	50.45	2.76	ppb
Titanium	47-1	494.39	508.73	500.94	501.36	1.43	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:43:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	49.27	49.75	49.55	49.52	0.49	ppb
Vanadium	51-2	49.38	49.80	48.57	49.25	1.28	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	497.50	508.38	502.71	502.86	1.08	ppb
Zirconium	90-1	49.52	49.69	49.71	49.64	0.21	ppb
Zirconium	91-1	48.87	49.73	48.70	49.10	1.13	ppb

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:47:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2522.53	2477.04	2499.00	2499.52	0.91	ppb
Antimony	121-1	125.13	123.32	126.71	125.05	1.36	ppb
Arsenic	75-2	124.61	122.79	126.77	124.72	1.60	ppb
Barium	135-1	630.07	614.68	626.90	623.88	1.30	ppb
Barium	137-1	627.03	614.81	631.40	624.41	1.38	ppb
Beryllium	9-1	123.28	122.00	129.29	124.86	3.11	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	122.78	121.04	130.42	124.75	4.00	ppb
Cadmium	106-1	124.14	121.52	129.67	125.11	3.32	ppb
Cadmium	111-1	124.86	123.49	126.42	124.92	1.17	ppb
Calcium	43-1	12436.65	12620.73	12481.65	12513.01	0.77	ppb
Calcium	44-1	12410.95	12466.70	12586.34	12488.00	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.24	122.30	127.48	125.01	2.08	ppb
Cobalt	59-2	125.82	122.30	126.67	124.93	1.86	ppb
Copper	63-2	1256.94	1228.41	1260.26	1248.54	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	6324.45	5999.26	6238.70	6187.47	2.72	ppb
Iron	57-2	6280.96	6107.21	6366.67	6251.61	2.11	ppb
Iron	54-2	6289.67	6104.70	6322.59	6238.99	1.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:47:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	619.01	625.29	631.98	625.43	1.04	ppb
Lead	207-1	618.43	622.55	633.93	624.97	1.28	ppb
Lead	208-1	623.27	625.76	638.30	629.11	1.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	12659.21	12227.19	12573.88	12486.76	1.83	ppb
Manganese	55-2	1260.07	1226.51	1259.43	1248.67	1.54	ppb
Molybdenum	94-1	1256.48	1251.86	1251.53	1253.29	0.22	ppb
Molybdenum	95-1	1257.31	1241.19	1259.76	1252.75	0.81	ppb
Molybdenum	96-1	1248.92	1246.59	1262.94	1252.81	0.71	ppb
Molybdenum	97-1	1253.22	1243.87	1262.03	1253.04	0.73	ppb
Molybdenum	98-1	1259.55	1245.66	1246.88	1250.70	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.23	125.62	125.33	125.06	0.59	ppb
Phosphorus	31-2	2505.62	2490.25	2528.52	2508.13	0.77	ppb
Potassium	39-2	6283.65	6149.37	6322.41	6251.81	1.45	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	123.80	123.34	127.84	124.99	1.98	ppb
Selenium	77-2	144.69	121.57	113.87	126.71	12.66	ppb
Selenium	78-2	127.45	129.66	119.27	125.46	4.36	ppb
Silicon	28-1	123.76	125.83	126.86	125.48	1.26	ppb
Silver	107-1	125.59	123.66	124.99	124.75	0.79	ppb
Silver	109-1	125.09	123.46	126.04	124.86	1.05	ppb
Sodium	23-2	12518.80	12001.42	12670.30	12396.84	2.83	ppb
Strontium	86-1	3147.83	3084.46	3145.93	3126.07	1.15	ppb
Strontium	88-1	3135.99	3115.36	3137.73	3129.69	0.40	ppb
Sulfur	34-1	2368.38	2491.86	2574.69	2478.31	4.19	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	123.63	124.49	127.18	125.10	1.48	ppb
Thallium	205-1	123.71	125.01	126.83	125.18	1.25	ppb
Tin	118-1	125.36	123.18	125.92	124.82	1.16	ppb
Titanium	47-1	1247.02	1251.08	1250.28	1249.46	0.17	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:47:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	125.06	125.14	125.37	125.19	0.13	ppb
Vanadium	51-2	125.55	122.18	128.17	125.30	2.40	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	1247.26	1230.56	1268.73	1248.85	1.53	ppb
Zirconium	90-1	125.36	124.53	125.54	125.14	0.43	ppb
Zirconium	91-1	125.18	124.01	126.89	125.36	1.16	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:19:09	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4911.14	4761.97	4822.43	4831.85	1.55	ppb
Antimony	121-1	231.09	233.75	236.83	233.89	1.23	ppb
Arsenic	75-2	243.74	231.54	235.47	236.92	2.63	ppb
Barium	135-1	1120.35	1140.20	1155.85	1138.80	1.56	ppb
Barium	137-1	1118.75	1136.03	1155.59	1136.79	1.62	ppb
Beryllium	9-1	238.59	241.65	242.06	240.77	0.79	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	236.54	242.67	249.36	242.86	2.64	ppb
Cadmium	106-1	235.52	234.36	238.53	236.14	0.91	ppb
Cadmium	111-1	237.65	240.59	246.86	241.70	1.95	ppb
Calcium	43-1	26128.07	26928.11	26780.83	26612.33	1.60	ppb
Calcium	44-1	23984.57	24158.77	24358.72	24167.35	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	242.54	236.23	238.30	239.02	1.35	ppb
Cobalt	59-2	245.03	240.23	240.88	242.05	1.07	ppb
Copper	63-2	2514.41	2445.66	2475.01	2478.36	1.39	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				92		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	12516.22	12280.74	12307.36	12368.11	1.04	ppb
Iron	57-2	13464.61	13024.93	13182.49	13224.01	1.68	ppb
Iron	54-2	13705.94	13335.43	13432.39	13491.25	1.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:19:09	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1162.26	1166.14	1192.45	1173.62	1.40	ppb
Lead	207-1	1160.37	1193.78	1163.94	1172.70	1.56	ppb
Lead	208-1	1162.49	1181.67	1158.44	1167.53	1.06	ppb
Lithium	6-1				103		%
Magnesium	24-2	22967.96	22232.80	22616.29	22605.68	1.63	ppb
Manganese	55-2	2482.90	2453.47	2490.00	2475.46	0.78	ppb
Molybdenum	94-1	2383.90	2360.37	2451.46	2398.58	1.97	ppb
Molybdenum	95-1	2336.35	2381.90	2389.53	2369.26	1.21	ppb
Molybdenum	96-1	2344.73	2380.22	2394.81	2373.25	1.09	ppb
Molybdenum	97-1	2348.19	2347.44	2415.97	2370.53	1.66	ppb
Molybdenum	98-1	2288.37	2294.37	2389.32	2324.02	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	247.11	236.91	247.42	243.81	2.45	ppb
Phosphorus	31-2	4866.50	4622.59	4710.00	4733.03	2.61	ppb
Potassium	39-2	12911.33	12584.72	12802.58	12766.21	1.30	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	235.62	245.00	250.86	243.82	3.15	ppb
Selenium	77-2	270.14	296.77	256.21	274.37	7.51	ppb
Selenium	78-2	245.10	236.67	236.95	239.57	2.00	ppb
Silicon	28-1	212.08	213.13	214.86	213.36	0.66	ppb
Silver	107-1	239.61	241.34	246.39	242.44	1.45	ppb
Silver	109-1	241.92	243.59	247.03	244.18	1.07	ppb
Sodium	23-2	23900.03	23152.04	23370.11	23474.06	1.64	ppb
Strontium	86-1	5873.59	5952.42	6036.59	5954.20	1.37	ppb
Strontium	88-1	5922.24	5850.53	6015.66	5929.48	1.40	ppb
Sulfur	34-1	4910.62	4911.97	4846.46	4889.69	0.77	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	218.97	218.72	219.87	219.19	0.28	ppb
Thallium	205-1	214.25	216.23	213.37	214.62	0.68	ppb
Tin	118-1	234.52	234.64	241.19	236.78	1.61	ppb
Titanium	47-1	2362.32	2394.45	2399.30	2385.36	0.84	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:19:09	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	224.07	230.44	226.95	227.15	1.40	ppb
Vanadium	51-2	238.47	232.63	234.06	235.05	1.30	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	2459.01	2427.45	2447.78	2444.74	0.65	ppb
Zirconium	90-1	234.44	234.73	240.59	236.59	1.47	ppb
Zirconium	91-1	233.47	230.53	238.06	234.02	1.62	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:22:27	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10233.14	10034.30	10130.18	10132.54	0.98	ppb
Antimony	121-1	507.06	497.56	496.19	500.27	1.18	ppb
Arsenic	75-2	523.10	499.82	508.69	510.54	2.30	ppb
Barium	135-1	2481.26	2438.89	2416.25	2445.47	1.35	ppb
Barium	137-1	2564.82	2502.87	2498.24	2521.98	1.47	ppb
Beryllium	9-1	501.20	511.42	510.99	507.87	1.14	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	524.08	505.36	512.40	513.95	1.84	ppb
Cadmium	106-1	518.48	501.98	497.16	505.88	2.21	ppb
Cadmium	111-1	517.82	506.97	507.34	510.71	1.21	ppb
Calcium	43-1	55530.09	56625.25	56479.26	56211.53	1.06	ppb
Calcium	44-1	50859.73	51046.20	52136.51	51347.48	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.81	497.09	498.19	502.70	1.75	ppb
Cobalt	59-2	507.60	499.79	503.40	503.60	0.78	ppb
Copper	63-2	5061.40	5052.23	5071.10	5061.58	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				92		%
Indium	115-1				88		%
Indium	115-2				88		%
Iron	56-2	26354.45	26265.05	25713.03	26110.85	1.33	ppb
Iron	57-2	27884.73	27387.21	27554.55	27608.83	0.92	ppb
Iron	54-2	28701.91	28052.16	28240.61	28331.56	1.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:22:27	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2468.65	2522.84	2526.84	2506.11	1.30	ppb
Lead	207-1	2482.66	2535.52	2542.38	2520.19	1.30	ppb
Lead	208-1	2493.69	2541.05	2508.66	2514.47	0.96	ppb
Lithium	6-1				100		%
Magnesium	24-2	48406.72	46473.57	47835.17	47571.82	2.09	ppb
Manganese	55-2	5014.62	5029.80	4923.98	4989.47	1.15	ppb
Molybdenum	94-1	4948.64	5033.06	5035.27	5005.66	0.99	ppb
Molybdenum	95-1	4917.09	5018.64	5048.24	4994.66	1.38	ppb
Molybdenum	96-1	4990.72	5044.35	5126.56	5053.88	1.35	ppb
Molybdenum	97-1	4888.29	5068.19	5022.54	4993.00	1.87	ppb
Molybdenum	98-1	4827.90	5071.93	4990.38	4963.40	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.79	503.18	502.73	506.90	1.35	ppb
Phosphorus	31-2	10024.78	10002.46	9776.72	9934.65	1.38	ppb
Potassium	39-2	25259.43	24761.90	25364.30	25128.54	1.28	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	498.12	506.70	514.60	506.47	1.63	ppb
Selenium	77-2	535.15	534.28	513.90	527.78	2.28	ppb
Selenium	78-2	506.66	517.67	497.51	507.28	1.99	ppb
Silicon	28-1	440.15	446.80	449.93	445.63	1.12	ppb
Silver	107-1	521.69	504.20	500.56	508.82	2.22	ppb
Silver	109-1	522.43	508.81	504.49	511.91	1.83	ppb
Sodium	23-2	49460.21	49030.65	49705.58	49398.81	0.69	ppb
Strontium	86-1	12358.32	12473.26	12567.90	12466.49	0.84	ppb
Strontium	88-1	12352.06	12643.42	12448.02	12481.17	1.19	ppb
Sulfur	34-1	9736.66	9965.87	9774.77	9825.76	1.25	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	466.06	472.66	473.93	470.88	0.90	ppb
Thallium	205-1	493.06	497.13	500.91	497.03	0.79	ppb
Tin	118-1	514.25	502.97	504.33	507.18	1.21	ppb
Titanium	47-1	5013.36	5091.49	5095.70	5066.85	0.92	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:22:27	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	496.38	499.14	499.76	498.42	0.36	ppb
Vanadium	51-2	505.17	499.39	495.55	500.04	0.97	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%
Zinc	66-2	5169.73	5065.22	5048.82	5094.59	1.29	ppb
Zirconium	90-1	495.50	507.63	503.44	502.19	1.23	ppb
Zirconium	91-1	490.58	500.65	501.93	497.72	1.25	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:25:39	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20334.92	20331.92	20481.33	20382.72	0.42	ppb
Antimony	121-1	973.90	1039.14	998.17	1003.74	3.29	ppb
Arsenic	75-2	983.69	1007.20	1000.72	997.20	1.22	ppb
Barium	135-1	4909.58	5178.14	5082.29	5056.67	2.69	ppb
Barium	137-1	4937.91	5065.21	5053.42	5018.85	1.40	ppb
Beryllium	9-1	982.73	1008.80	999.70	997.08	1.33	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	958.71	1014.47	1010.10	994.42	3.12	ppb
Cadmium	106-1	976.97	1025.38	997.01	999.78	2.43	ppb
Cadmium	111-1	973.86	1019.36	994.21	995.81	2.29	ppb
Calcium	43-1	110864.46	112316.96	114339.09	112506.84	1.55	ppb
Calcium	44-1	101564.98	103769.49	106002.66	103779.04	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008.88	992.79	1000.93	1000.87	0.80	ppb
Cobalt	59-2	999.28	994.83	1003.91	999.34	0.45	ppb
Copper	63-2	10024.82	9882.30	9973.05	9960.05	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				92		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	53078.73	51572.64	52216.63	52289.33	1.45	ppb
Iron	57-2	55470.41	54902.36	55133.03	55168.60	0.52	ppb
Iron	54-2	53508.84	52115.40	56417.66	54013.97	4.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:25:39	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4958.89	5049.38	5063.18	5023.82	1.13	ppb
Lead	207-1	4988.54	4998.18	5065.41	5017.38	0.83	ppb
Lead	208-1	4982.87	5010.20	5059.90	5017.66	0.78	ppb
Lithium	6-1				99		%
Magnesium	24-2	95513.80	95446.73	96057.47	95672.67	0.35	ppb
Manganese	55-2	10040.58	9929.63	10032.31	10000.84	0.62	ppb
Molybdenum	94-1	9757.61	10129.73	10155.48	10014.28	2.22	ppb
Molybdenum	95-1	9742.13	10185.40	10160.57	10029.36	2.48	ppb
Molybdenum	96-1	9699.27	10273.20	10022.99	9998.49	2.88	ppb
Molybdenum	97-1	9648.54	10354.33	10090.21	10031.03	3.55	ppb
Molybdenum	98-1	9748.79	10171.54	10259.88	10060.07	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1002.98	989.77	997.88	996.88	0.67	ppb
Phosphorus	31-2	20490.83	19859.07	19955.23	20101.71	1.69	ppb
Potassium	39-2	50251.37	49106.49	50107.59	49821.82	1.25	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	961.57	1014.76	1014.79	997.04	3.08	ppb
Selenium	77-2	1013.70	943.65	975.21	977.52	3.59	ppb
Selenium	78-2	997.20	989.94	1007.36	998.17	0.88	ppb
Silicon	28-1	1018.67	1033.78	1050.77	1034.40	1.55	ppb
Silver	107-1	980.65	1016.96	991.74	996.45	1.87	ppb
Silver	109-1	967.56	1019.06	996.42	994.35	2.60	ppb
Sodium	23-2	99658.61	98756.42	98481.88	98965.64	0.62	ppb
Strontium	86-1	24397.78	25534.08	25320.74	25084.20	2.41	ppb
Strontium	88-1	24265.65	25467.05	25505.15	25079.28	2.81	ppb
Sulfur	34-1	19901.60	19962.28	20423.48	20095.79	1.42	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	1008.81	1021.70	1039.74	1023.42	1.52	ppb
Thallium	205-1	999.78	1017.93	1017.92	1011.87	1.03	ppb
Tin	118-1	979.41	1023.91	994.47	999.26	2.26	ppb
Titanium	47-1	9797.85	9995.88	10182.81	9992.18	1.93	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:25:39	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	995.41	1027.61	1003.38	1008.80	1.66	ppb
Vanadium	51-2	1007.83	996.08	1006.21	1003.37	0.63	ppb
Yttrium	89-1				88		%
Yttrium	89-2				90		%
Zinc	66-2	9965.51	9936.01	9962.31	9954.61	0.16	ppb
Zirconium	90-1	975.08	1029.53	1001.09	1001.90	2.72	ppb
Zirconium	91-1	980.14	1023.11	1011.67	1004.98	2.21	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:28:42	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100221.45	99733.60	99799.95	99918.33	0.26	ppb
Antimony	121-1	1.85	1.76	1.62	1.75	6.70	ppb
Arsenic	75-2	1.42	1.51	0.76	1.23	33.10	ppb
Barium	135-1	7.23	6.71	5.98	6.64	9.44	ppb
Barium	137-1	7.40	6.67	5.79	6.62	12.13	ppb
Beryllium	9-1	1.65	1.66	1.26	1.52	14.90	ppb
Bismuth	209-1				75		%
Bismuth	209-2				75		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.35	1.70	1.06	1.37	23.13	ppb
Cadmium	106-1	1.37	1.69	2.93	2.00	41.22	ppb
Cadmium	111-1	1.07	1.23	1.16	1.15	6.74	ppb
Calcium	43-1	490787.29	494094.19	505373.71	496751.73	1.54	ppb
Calcium	44-1	499620.03	499085.52	498621.87	499109.14	0.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.60	3.76	3.60	3.65	2.50	ppb
Cobalt	59-2	3.33	3.23	2.96	3.17	6.14	ppb
Copper	63-2	7.83	6.98	6.48	7.10	9.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				84		%
Indium	115-1				78		%
Indium	115-2				79		%
Iron	56-2	249122.58	248143.42	251004.75	249423.59	0.58	ppb
Iron	57-2	252414.83	243132.62	250380.44	248642.63	1.96	ppb
Iron	54-2	248715.08	249424.18	248217.56	248785.61	0.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:28:42	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.17	5.21	4.57	5.32	15.12	ppb
Lead	207-1	6.20	5.33	4.71	5.41	13.85	ppb
Lead	208-1	6.18	5.36	4.71	5.42	13.63	ppb
Lithium	6-1				97		%
Magnesium	24-2	507219.97	496809.83	499668.92	501232.91	1.07	ppb
Manganese	55-2	11.55	11.93	11.32	11.60	2.66	ppb
Molybdenum	94-1	13.90	12.99	11.26	12.72	10.55	ppb
Molybdenum	95-1	13.17	11.60	10.25	11.67	12.56	ppb
Molybdenum	96-1	15.31	13.26	12.20	13.59	11.61	ppb
Molybdenum	97-1	12.96	11.33	9.91	11.40	13.38	ppb
Molybdenum	98-1	12.95	10.95	9.85	11.25	13.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.83	4.46	4.41	4.23	8.21	ppb
Phosphorus	31-2	19.17	-5.29	4.91	6.27	196.01	ppb
Potassium	39-2	250163.26	249659.13	250162.74	249995.04	0.12	ppb
Rhodium	103-1				73		%
Rhodium	103-2				73		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	82-1	2.93	3.37	3.01	3.11	7.50	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.27	1.17	1.26	0.90	60.77	ppb
Silicon	28-1	14.72	13.23	12.80	13.58	7.44	ppb
Silver	107-1	1.18	0.96	0.80	0.98	19.42	ppb
Silver	109-1	1.17	1.07	0.85	1.03	16.11	ppb
Sodium	23-2	496998.05	501221.79	502835.30	500351.71	0.60	ppb
Strontium	86-1	32.48	27.48	25.40	28.45	12.78	ppb
Strontium	88-1	32.33	27.83	24.26	28.14	14.37	ppb
Sulfur	34-1	496.67	338.94	426.76	420.79	18.78	ppb
Terbium	159-1				84		%
Terbium	159-2				84		%
Thallium	203-1	1.24	1.04	0.87	1.05	17.91	ppb
Thallium	205-1	1.20	1.06	0.89	1.05	14.93	ppb
Tin	118-1	1.54	1.37	1.25	1.39	10.80	ppb
Titanium	47-1	12.94	10.24	9.04	10.74	18.57	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:28:42	DataFile Name :	016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	0.95	0.84	0.97	14.51	ppb
Vanadium	51-2	0.81	0.86	0.73	0.80	7.99	ppb
Yttrium	89-1				82		%
Yttrium	89-2				83		%
Zinc	66-2	11.48	11.73	10.36	11.19	6.56	ppb
Zirconium	90-1	1.69	1.60	1.53	1.61	5.01	ppb
Zirconium	91-1	1.91	1.61	1.60	1.71	10.15	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:38:31	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	525.36	506.06	513.49	514.97	1.89	ppb
Antimony	121-1	205.10	204.89	209.06	206.35	1.14	ppb
Arsenic	75-2	215.91	215.35	204.87	212.04	2.93	ppb
Barium	135-1	97.90	99.16	99.55	98.87	0.87	ppb
Barium	137-1	98.28	96.92	100.00	98.40	1.57	ppb
Beryllium	9-1	106.74	109.02	107.67	107.81	1.06	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.87	96.77	95.00	95.88	0.92	ppb
Cadmium	106-1	92.71	90.14	93.09	91.98	1.75	ppb
Cadmium	111-1	108.39	107.35	110.34	108.70	1.40	ppb
Calcium	43-1	2057.81	2148.37	2227.16	2144.45	3.95	ppb
Calcium	44-1	2103.72	2168.14	2152.15	2141.34	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.55	104.61	106.48	104.88	1.41	ppb
Cobalt	59-2	106.72	104.68	107.62	106.34	1.42	ppb
Copper	63-2	102.97	103.20	104.81	103.66	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				93		%
Iron	56-2	2261.54	2258.28	2299.82	2273.22	1.02	ppb
Iron	57-2	2230.00	2245.91	2338.77	2271.56	2.59	ppb
Iron	54-2	2346.10	2326.55	2398.21	2356.95	1.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:38:31	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	199.35	203.54	202.31	201.73	1.07	ppb
Lead	207-1	192.56	195.16	195.52	194.41	0.83	ppb
Lead	208-1	196.74	199.86	199.53	198.71	0.86	ppb
Lithium	6-1				109		%
Magnesium	24-2	1240.83	1238.24	1268.48	1249.18	1.34	ppb
Manganese	55-2	106.47	104.77	109.52	106.92	2.25	ppb
Molybdenum	94-1	0.25	0.31	0.26	0.27	11.79	ppb
Molybdenum	95-1	0.18	0.22	0.14	0.18	22.40	ppb
Molybdenum	96-1	0.25	0.19	0.21	0.22	15.55	ppb
Molybdenum	97-1	0.14	0.19	0.18	0.17	17.27	ppb
Molybdenum	98-1	0.17	0.20	0.20	0.19	9.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.32	112.92	116.52	113.26	2.75	ppb
Phosphorus	31-2	-10.24	-6.56	-5.90	-7.57		ppb
Potassium	39-2	2151.01	2116.51	2202.57	2156.70	2.01	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	214.59	224.48	216.15	218.41	2.43	ppb
Selenium	77-2	215.92	244.02	210.96	223.63	7.97	ppb
Selenium	78-2	205.59	218.98	211.72	212.10	3.16	ppb
Silicon	28-1	3.54	4.56	4.99	4.36	17.01	ppb
Silver	107-1	53.05	52.59	54.15	53.26	1.50	ppb
Silver	109-1	52.39	53.56	54.42	53.46	1.91	ppb
Sodium	23-2	2134.56	2104.70	2179.51	2139.59	1.76	ppb
Strontium	86-1	0.47	0.44	0.53	0.48	10.14	ppb
Strontium	88-1	0.43	0.46	0.44	0.44	3.60	ppb
Sulfur	34-1	-47.85	229.32	194.90	125.46	120.42	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	203.65	206.79	206.72	205.72	0.87	ppb
Thallium	205-1	198.00	200.24	201.02	199.75	0.78	ppb
Tin	118-1	0.12	0.14	0.15	0.14	11.27	ppb
Titanium	47-1	0.16	0.20	0.16	0.17	14.75	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:38:31	DataFile Name :	018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	24.51	ppb
Vanadium	51-2	101.70	99.36	102.82	101.30	1.74	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	209.06	209.46	213.66	210.73	1.21	ppb
Zirconium	90-1	0.10	0.07	0.06	0.08	33.29	ppb
Zirconium	91-1	0.13	0.11	0.15	0.13	17.10	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:42:01	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.34	1.87	-2.02	-0.50		ppb
Antimony	121-1	0.36	0.25	0.27	0.30	19.86	ppb
Arsenic	75-2	0.00	0.09	0.14	0.08	91.70	ppb
Barium	135-1	0.07	0.02	0.07	0.05	60.02	ppb
Barium	137-1	0.10	0.05	0.08	0.08	31.96	ppb
Beryllium	9-1	0.26	0.28	0.25	0.27	4.80	ppb
Bismuth	209-1				88		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.15	0.14	0.14	1.20	ppb
Cadmium	106-1	1.13	1.06	0.24	0.81	61.35	ppb
Cadmium	111-1	0.16	0.15	0.03	0.11	61.20	ppb
Calcium	43-1	-3.87	2.47	-5.43	-2.28		ppb
Calcium	44-1	4.70	3.30	4.11	4.03	17.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.06	0.11	0.07	71.51	ppb
Cobalt	59-2	0.01	0.04	0.01	0.02	103.16	ppb
Copper	63-2	-0.01	0.11	0.02	0.04	149.61	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				89		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	56-2	2.82	5.49	3.09	3.80	38.80	ppb
Iron	57-2	0.28	5.52	-2.84	0.99	428.19	ppb
Iron	54-2	5.65	5.91	5.06	5.54	7.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:42:01	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.17	0.20	0.20	15.57	ppb
Lead	207-1	0.26	0.17	0.18	0.20	25.89	ppb
Lead	208-1	0.25	0.18	0.18	0.20	20.35	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.64	30.01	0.70	11.12	147.43	ppb
Manganese	55-2	0.09	0.19	0.02	0.10	82.40	ppb
Molybdenum	94-1	0.13	0.11	0.13	0.12	9.65	ppb
Molybdenum	95-1	0.00	0.02	0.02	0.01	64.29	ppb
Molybdenum	96-1	0.04	0.02	0.05	0.04	40.02	ppb
Molybdenum	97-1	0.02	0.04	0.04	0.04	28.61	ppb
Molybdenum	98-1	0.02	0.03	0.04	0.03	28.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	0.05	-0.13	-0.05		ppb
Phosphorus	31-2	-19.25	-20.66	-20.75	-20.22		ppb
Potassium	39-2	9.90	22.64	14.17	15.57	41.64	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.50	-0.26	0.37	0.21	197.44	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.48	-0.04	-1.73	-0.75		ppb
Silicon	28-1	4.01	4.73	4.07	4.27	9.41	ppb
Silver	107-1	0.10	0.06	0.05	0.07	40.54	ppb
Silver	109-1	0.11	0.05	0.06	0.07	43.88	ppb
Sodium	23-2	52.38	78.05	50.92	60.45	25.25	ppb
Strontium	86-1	-0.04	-0.08	0.06	-0.02		ppb
Strontium	88-1	0.02	0.02	0.00	0.01	59.62	ppb
Sulfur	34-1	-11.35	198.09	365.42	184.05	102.56	ppb
Terbium	159-1				90		%
Terbium	159-2				92		%
Thallium	203-1	0.25	0.21	0.15	0.20	23.50	ppb
Thallium	205-1	0.22	0.17	0.12	0.17	29.19	ppb
Tin	118-1	0.03	0.07	0.04	0.05	43.33	ppb
Titanium	47-1	0.03	0.00	-0.05	-0.01		ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:42:01	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	118.57	ppb
Vanadium	51-2	0.03	0.05	0.01	0.03	80.04	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	0.60	0.57	0.30	0.49	34.08	ppb
Zirconium	90-1	0.04	0.02	0.04	0.03	27.78	ppb
Zirconium	91-1	0.02	0.01	0.05	0.03	64.32	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:45:34	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84918.58	87698.22	88311.79	86976.20	2.08	ppb
Antimony	121-1	1.14	1.10	1.16	1.13	2.49	ppb
Arsenic	75-2	0.49	0.40	0.53	0.48	14.18	ppb
Barium	135-1	1.42	1.21	1.39	1.34	8.43	ppb
Barium	137-1	1.29	1.32	1.46	1.36	6.72	ppb
Beryllium	9-1	0.47	0.52	0.30	0.43	27.37	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.62	8.00	6.46	7.70	14.44	ppb
Cadmium	106-1	0.83	-1.13	-0.05	-0.12		ppb
Cadmium	111-1	0.39	0.27	0.30	0.32	18.41	ppb
Calcium	43-1	100908.78	102847.24	104273.06	102676.36	1.64	ppb
Calcium	44-1	96169.06	97073.65	95520.77	96254.49	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.13	20.36	20.56	20.35	1.06	ppb
Cobalt	59-2	1.10	1.22	1.34	1.22	9.65	ppb
Copper	63-2	7.16	7.95	7.80	7.64	5.46	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				96		%
Holmium	165-2				98		%
Indium	115-1				89		%
Indium	115-2				93		%
Iron	56-2	100571.41	102533.14	102800.09	101968.21	1.19	ppb
Iron	57-2	104580.34	108215.26	108778.21	107191.27	2.13	ppb
Iron	54-2	100870.72	102919.40	103291.66	102360.59	1.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:45:34	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.44	4.40	4.40	4.41	0.53	ppb
Lead	207-1	3.91	3.97	3.90	3.93	0.94	ppb
Lead	208-1	4.17	4.12	4.12	4.14	0.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	89129.61	93544.89	92429.97	91701.49	2.50	ppb
Manganese	55-2	7.79	8.09	8.14	8.01	2.35	ppb
Molybdenum	94-1	1468.33	1500.59	1490.10	1486.34	1.11	ppb
Molybdenum	95-1	1731.14	1775.39	1766.52	1757.68	1.33	ppb
Molybdenum	96-1	1746.93	1716.10	1716.04	1726.36	1.03	ppb
Molybdenum	97-1	1741.55	1781.02	1774.27	1765.61	1.20	ppb
Molybdenum	98-1	1720.88	1743.30	1725.17	1729.78	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.64	5.11	5.23	4.99	6.28	ppb
Phosphorus	31-2	94604.28	97802.83	97384.14	96597.08	1.80	ppb
Potassium	39-2	92974.12	95158.33	94718.16	94283.54	1.23	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	82-1	1.63	0.12	0.10	0.62	142.06	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.00	3.16	-4.77	-0.87		ppb
Silicon	28-1	13.46	13.55	14.99	14.00	6.13	ppb
Silver	107-1	0.08	0.08	0.11	0.09	17.27	ppb
Silver	109-1	0.10	0.08	0.09	0.09	14.19	ppb
Sodium	23-2	92037.05	95465.95	95779.52	94427.51	2.20	ppb
Strontium	86-1	34.49	33.44	34.69	34.20	1.96	ppb
Strontium	88-1	33.91	34.30	33.92	34.04	0.65	ppb
Sulfur	34-1	94924.74	96547.58	98406.79	96626.37	1.80	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.31	0.31	0.40	0.34	15.66	ppb
Thallium	205-1	0.27	0.31	0.40	0.33	19.75	ppb
Tin	118-1	0.14	0.21	0.24	0.20	25.43	ppb
Titanium	47-1	1795.76	1829.11	1854.16	1826.34	1.60	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:45:34	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.02	0.01	13.95	ppb
Vanadium	51-2	0.19	0.19	0.19	0.19	0.32	ppb
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	10.54	11.50	12.12	11.39	7.00	ppb
Zirconium	90-1	0.05	0.06	0.05	0.05	8.19	ppb
Zirconium	91-1	0.09	0.07	0.06	0.07	24.38	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:48:54	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87850.91	87867.64	85878.84	87199.13	1.31	ppb
Antimony	121-1	20.45	21.09	20.18	20.57	2.29	ppb
Arsenic	75-2	20.39	21.03	21.31	20.91	2.25	ppb
Barium	135-1	19.67	20.46	19.71	19.94	2.23	ppb
Barium	137-1	19.45	20.08	20.01	19.84	1.74	ppb
Beryllium	9-1	20.85	20.32	20.13	20.43	1.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	22.49	25.51	22.84	23.61	6.97	ppb
Cadmium	106-1	15.56	15.68	17.06	16.10	5.18	ppb
Cadmium	111-1	19.53	18.57	18.91	19.01	2.56	ppb
Calcium	43-1	102772.22	103085.55	103922.02	103259.93	0.58	ppb
Calcium	44-1	95590.15	97673.36	97348.55	96870.69	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.64	39.66	39.58	39.96	1.47	ppb
Cobalt	59-2	21.68	21.37	21.19	21.41	1.18	ppb
Copper	63-2	26.71	27.25	27.53	27.16	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	102308.19	103618.72	101569.39	102498.77	1.01	ppb
Iron	57-2	101498.59	103435.37	103458.87	102797.61	1.09	ppb
Iron	54-2	101988.77	102796.69	102575.66	102453.71	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:48:54	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.68	25.05	25.61	25.11	1.88	ppb
Lead	207-1	23.86	24.37	24.07	24.10	1.07	ppb
Lead	208-1	24.09	24.60	24.84	24.51	1.56	ppb
Lithium	6-1				108		%
Magnesium	24-2	92783.28	92263.78	90767.76	91938.27	1.14	ppb
Manganese	55-2	29.44	28.32	27.95	28.57	2.72	ppb
Molybdenum	94-1	1486.67	1467.91	1527.71	1494.09	2.05	ppb
Molybdenum	95-1	1770.37	1754.60	1793.10	1772.69	1.09	ppb
Molybdenum	96-1	1733.13	1746.50	1758.91	1746.18	0.74	ppb
Molybdenum	97-1	1761.33	1737.80	1793.09	1764.07	1.57	ppb
Molybdenum	98-1	1743.41	1717.63	1770.63	1743.89	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.50	25.39	25.59	25.49	0.40	ppb
Phosphorus	31-2	95692.32	95847.13	95196.25	95578.57	0.36	ppb
Potassium	39-2	94985.02	94985.46	92850.00	94273.49	1.31	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	20.89	21.02	18.50	20.14	7.04	ppb
Selenium	77-2	18.53	21.15	34.57	24.75	34.77	ppb
Selenium	78-2	19.48	20.60	17.69	19.26	7.62	ppb
Silicon	28-1	12.73	12.84	12.65	12.74	0.75	ppb
Silver	107-1	18.30	18.61	18.28	18.40	0.99	ppb
Silver	109-1	18.38	19.15	18.21	18.58	2.68	ppb
Sodium	23-2	95490.59	94846.27	95520.40	95285.75	0.40	ppb
Strontium	86-1	33.84	33.68	34.81	34.11	1.78	ppb
Strontium	88-1	34.49	33.89	35.10	34.49	1.74	ppb
Sulfur	34-1	97339.30	98373.88	99446.80	98386.66	1.07	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	21.39	21.33	22.47	21.73	2.95	ppb
Thallium	205-1	20.67	21.06	21.31	21.01	1.52	ppb
Tin	118-1	0.18	0.18	0.19	0.18	2.35	ppb
Titanium	47-1	1801.38	1823.43	1827.57	1817.46	0.77	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:48:54	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	8.33	ppb
Vanadium	51-2	19.89	20.57	20.28	20.25	1.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	30.93	31.71	33.24	31.96	3.68	ppb
Zirconium	90-1	0.03	0.05	0.05	0.05	23.62	ppb
Zirconium	91-1	0.02	0.07	0.04	0.05	60.79	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:55:23	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48756.96	48364.76	48499.65	48540.46	0.41	ppb
Antimony	121-1	508.77	502.85	507.14	506.26	0.60	ppb
Arsenic	75-2	502.86	502.87	518.45	508.06	1.77	ppb
Barium	135-1	2464.39	2423.02	2437.40	2441.60	0.86	ppb
Barium	137-1	2556.50	2521.18	2542.18	2539.95	0.70	ppb
Beryllium	9-1	502.41	507.53	515.00	508.31	1.25	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	507.17	497.67	502.04	502.30	0.95	ppb
Cadmium	106-1	506.43	499.61	516.20	507.41	1.64	ppb
Cadmium	111-1	502.92	502.34	506.05	503.77	0.40	ppb
Calcium	43-1	269810.01	271934.76	277103.80	272949.52	1.37	ppb
Calcium	44-1	253145.37	256330.15	258713.69	256063.07	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.37	495.64	508.33	505.11	1.65	ppb
Cobalt	59-2	533.66	519.83	531.28	528.25	1.40	ppb
Copper	63-2	5166.93	5046.10	5144.61	5119.22	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				96		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	56-2	130591.19	127819.62	134125.72	130845.51	2.42	ppb
Iron	57-2	127074.79	127721.78	129836.18	128210.92	1.13	ppb
Iron	54-2	130851.48	130280.94	130896.81	130676.41	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:55:23	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2603.35	2596.79	2663.65	2621.26	1.41	ppb
Lead	207-1	2632.86	2594.12	2685.75	2637.58	1.74	ppb
Lead	208-1	2621.51	2594.48	2667.70	2627.89	1.41	ppb
Lithium	6-1				106		%
Magnesium	24-2	240239.87	232792.73	241517.01	238183.20	1.98	ppb
Manganese	55-2	5102.98	4974.63	5105.42	5061.01	1.48	ppb
Molybdenum	94-1	5204.05	5276.95	5198.97	5226.66	0.83	ppb
Molybdenum	95-1	5160.37	5209.09	5264.15	5211.20	1.00	ppb
Molybdenum	96-1	5088.56	5141.91	5198.82	5143.10	1.07	ppb
Molybdenum	97-1	5009.20	5235.23	5132.29	5125.57	2.21	ppb
Molybdenum	98-1	5022.61	5199.24	5187.09	5136.31	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.83	510.01	528.17	522.34	2.05	ppb
Phosphorus	31-2	9741.24	9703.53	9947.99	9797.59	1.34	ppb
Potassium	39-2	125305.47	123478.98	127005.61	125263.35	1.41	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	478.87	494.24	498.94	490.68	2.14	ppb
Selenium	77-2	501.16	498.74	492.31	497.40	0.92	ppb
Selenium	78-2	506.89	491.71	485.59	494.73	2.22	ppb
Silicon	28-1	620.45	624.96	638.37	627.93	1.48	ppb
Silver	107-1	489.96	484.04	487.19	487.06	0.61	ppb
Silver	109-1	491.97	486.96	486.36	488.43	0.63	ppb
Sodium	23-2	245240.68	239888.47	246546.30	243891.81	1.45	ppb
Strontium	86-1	12651.44	12876.10	12813.56	12780.37	0.91	ppb
Strontium	88-1	12584.34	12976.26	12867.39	12809.33	1.58	ppb
Sulfur	34-1	10414.68	10157.70	10463.19	10345.19	1.59	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	489.44	489.72	503.11	494.09	1.58	ppb
Thallium	205-1	516.16	515.48	534.01	521.89	2.01	ppb
Tin	118-1	505.06	493.51	501.13	499.90	1.17	ppb
Titanium	47-1	5144.38	5157.51	5291.21	5197.70	1.56	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:55:23	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	533.64	536.94	538.12	536.23	0.43	ppb
Vanadium	51-2	512.36	500.27	512.88	508.50	1.40	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	5169.39	5022.45	5179.38	5123.74	1.71	ppb
Zirconium	90-1	510.42	518.98	525.97	518.46	1.50	ppb
Zirconium	91-1	508.24	517.71	513.87	513.28	0.93	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:02:03	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.26	-1.44	-0.88	-1.53		ppb
Antimony	121-1	0.15	0.14	0.16	0.15	8.78	ppb
Arsenic	75-2	0.00	0.08	0.04	0.04	99.83	ppb
Barium	135-1	0.04	0.05	0.02	0.04	37.37	ppb
Barium	137-1	0.07	0.08	0.05	0.07	17.71	ppb
Beryllium	9-1	0.24	0.21	0.30	0.25	16.79	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.03	-0.06	0.00	9942.63	ppb
Cadmium	106-1	1.31	0.33	0.34	0.66	85.21	ppb
Cadmium	111-1	0.15	0.06	0.06	0.09	60.22	ppb
Calcium	43-1	-2.29	-11.83	-3.70	-5.94		ppb
Calcium	44-1	8.76	5.02	4.95	6.24	34.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.00	-0.06	-0.01		ppb
Cobalt	59-2	0.00	0.02	0.00	0.01	97.01	ppb
Copper	63-2	0.25	0.11	0.37	0.24	53.67	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				98		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	7.70	7.33	6.89	7.31	5.59	ppb
Iron	57-2	4.77	4.79	4.00	4.52	9.95	ppb
Iron	54-2	6.78	10.26	7.88	8.31	21.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:02:03	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.13	0.16	0.13	0.14	12.21	ppb
Lead	207-1	0.15	0.13	0.10	0.13	17.83	ppb
Lead	208-1	0.15	0.15	0.12	0.14	9.23	ppb
Lithium	6-1				111		%
Magnesium	24-2	7.44	9.55	6.12	7.70	22.46	ppb
Manganese	55-2	0.25	0.24	0.20	0.23	10.81	ppb
Molybdenum	94-1	0.35	0.29	0.25	0.30	17.91	ppb
Molybdenum	95-1	0.26	0.27	0.23	0.25	7.06	ppb
Molybdenum	96-1	0.32	0.25	0.23	0.27	18.54	ppb
Molybdenum	97-1	0.25	0.26	0.17	0.23	20.83	ppb
Molybdenum	98-1	0.25	0.23	0.18	0.22	17.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.01	-0.11	-0.07		ppb
Phosphorus	31-2	-14.47	-16.69	-21.85	-17.67		ppb
Potassium	39-2	20.36	12.87	18.38	17.21	22.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.23	-0.01	0.66	0.14	328.94	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.28	-3.69	-1.29	-2.09		ppb
Silicon	28-1	0.38	0.34	0.64	0.46	35.91	ppb
Silver	107-1	0.04	0.03	0.03	0.03	13.72	ppb
Silver	109-1	0.04	0.03	0.02	0.03	30.49	ppb
Sodium	23-2	84.52	82.32	80.13	82.33	2.67	ppb
Strontium	86-1	0.35	0.39	0.30	0.35	13.54	ppb
Strontium	88-1	0.48	0.39	0.31	0.39	22.40	ppb
Sulfur	34-1	-35.07	108.91	88.30	54.04	144.07	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.06	0.06	0.07	10.88	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	6.52	ppb
Tin	118-1	0.02	0.04	0.02	0.03	34.00	ppb
Titanium	47-1	0.12	0.31	0.13	0.19	57.21	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:02:03	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	21.47	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	0.12	0.20	-0.14	0.06	288.49	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	11.77	ppb
Zirconium	91-1	0.06	0.02	0.06	0.04	56.95	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BL	Instrumnet Name :	P7
Client Sample ID :	PBS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:05:34	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.09	-2.15	-3.07	-2.44		ppb
Antimony	121-1	0.06	0.06	0.09	0.07	21.67	ppb
Arsenic	75-2	0.04	0.04	0.00	0.03	86.61	ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	0.01	-0.02	0.00	4706.46	ppb
Beryllium	9-1	0.07	0.09	-0.04	0.04	181.13	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.13	0.13	0.13	2.74	ppb
Cadmium	106-1	1.42	1.97	0.44	1.27	60.79	ppb
Cadmium	111-1	0.10	0.14	0.05	0.10	44.63	ppb
Calcium	43-1	-18.05	-18.88	-6.54	-14.49		ppb
Calcium	44-1	-0.92	-0.52	-1.42	-0.95		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.00	0.01	98.43	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	79.74	ppb
Copper	63-2	0.16	0.11	0.29	0.19	49.41	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				98		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	3.23	3.27	2.12	2.87	22.69	ppb
Iron	57-2	-0.74	2.34	4.17	1.92	128.93	ppb
Iron	54-2	5.18	5.13	4.22	4.84	11.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BL	Instrumnet Name :	P7
Client Sample ID :	PBS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:05:34	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.06	0.06	0.07	12.80	ppb
Lead	207-1	0.08	0.05	0.02	0.05	61.40	ppb
Lead	208-1	0.07	0.06	0.05	0.06	20.50	ppb
Lithium	6-1				108		%
Magnesium	24-2	3.00	1.36	3.28	2.55	40.76	ppb
Manganese	55-2	0.14	0.10	0.05	0.10	43.40	ppb
Molybdenum	94-1	0.14	0.07	0.09	0.10	35.94	ppb
Molybdenum	95-1	0.08	0.06	0.04	0.06	31.10	ppb
Molybdenum	96-1	0.06	0.06	0.01	0.04	66.85	ppb
Molybdenum	97-1	0.02	0.03	0.07	0.04	62.06	ppb
Molybdenum	98-1	0.05	0.04	0.06	0.05	14.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.05	-0.10	-0.05		ppb
Phosphorus	31-2	-25.33	-28.83	-12.74	-22.30		ppb
Potassium	39-2	10.22	11.48	12.64	11.44	10.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.37	0.99	0.61	0.65	47.94	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.66	-0.39	-3.65	-1.90		ppb
Silicon	28-1	0.89	1.14	0.69	0.91	24.70	ppb
Silver	107-1	0.01	0.02	0.01	0.01	29.65	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.11	ppb
Sodium	23-2	67.16	63.85	65.04	65.35	2.56	ppb
Strontium	86-1	0.05	0.01	-0.06	0.00		ppb
Strontium	88-1	0.04	0.02	0.00	0.02	113.45	ppb
Sulfur	34-1	374.87	327.19	330.54	344.20	7.73	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.06	0.04	0.04	0.05	24.81	ppb
Thallium	205-1	0.04	0.03	0.04	0.03	11.47	ppb
Tin	118-1	0.11	0.05	0.06	0.07	39.82	ppb
Titanium	47-1	0.10	0.12	0.07	0.09	25.67	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BL	Instrumnet Name :	P7
Client Sample ID :	PBS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:05:34	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	0.12	0.06	0.15	0.11	39.65	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	6.71	ppb
Zirconium	91-1	0.05	0.06	0.03	0.04	40.40	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BS	Instrumnet Name :	P7
Client Sample ID :	LCS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:09:03	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.86	37.48	37.30	37.55	0.77	ppb
Antimony	121-1	3.77	4.08	4.05	3.97	4.31	ppb
Arsenic	75-2	2.03	3.20	1.81	2.35	31.83	ppb
Barium	135-1	18.52	18.53	18.73	18.59	0.62	ppb
Barium	137-1	17.56	18.72	18.02	18.10	3.23	ppb
Beryllium	9-1	1.99	2.43	2.24	2.22	10.05	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.34	1.97	1.57	1.96	19.47	ppb
Cadmium	106-1	5.80	0.86	1.03	2.56	109.56	ppb
Cadmium	111-1	2.59	2.06	2.09	2.25	13.19	ppb
Calcium	43-1	964.18	994.71	988.62	982.50	1.64	ppb
Calcium	44-1	1006.97	1033.50	1021.00	1020.49	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.70	4.45	4.72	4.62	3.30	ppb
Cobalt	59-2	2.15	1.86	2.13	2.05	7.79	ppb
Copper	63-2	4.61	4.36	4.48	4.48	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	56-2	458.13	454.50	454.78	455.81	0.44	ppb
Iron	57-2	467.86	464.31	455.67	462.62	1.36	ppb
Iron	54-2	465.82	444.66	470.22	460.23	2.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BS	Instrumnet Name :	P7
Client Sample ID :	LCS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:09:03	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.83	1.97	1.86	1.89	3.76	ppb
Lead	207-1	1.94	1.94	1.98	1.95	1.31	ppb
Lead	208-1	1.89	1.93	1.88	1.90	1.26	ppb
Lithium	6-1				107		%
Magnesium	24-2	1053.71	1052.50	1066.10	1057.44	0.71	ppb
Manganese	55-2	2.29	2.19	2.19	2.22	2.66	ppb
Molybdenum	94-1	11.37	11.09	11.96	11.47	3.89	ppb
Molybdenum	95-1	8.79	8.83	9.82	9.15	6.40	ppb
Molybdenum	96-1	9.82	9.03	9.95	9.60	5.17	ppb
Molybdenum	97-1	8.65	9.25	9.60	9.17	5.28	ppb
Molybdenum	98-1	8.83	9.14	9.83	9.27	5.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	2.14	1.92	2.02	5.49	ppb
Phosphorus	31-2	-11.05	-10.91	-12.60	-11.52		ppb
Potassium	39-2	1057.66	1053.69	1080.41	1063.92	1.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	10.10	11.33	12.30	11.24	9.77	ppb
Selenium	77-2	9.83	9.82	9.77	9.81	0.29	ppb
Selenium	78-2	9.75	6.50	8.85	8.37	20.06	ppb
Silicon	28-1	9.37	9.80	10.86	10.01	7.67	ppb
Silver	107-1	1.97	1.99	2.10	2.02	3.54	ppb
Silver	109-1	1.92	2.15	1.92	2.00	6.61	ppb
Sodium	23-2	1072.94	1060.50	1065.75	1066.39	0.59	ppb
Strontium	86-1	1.86	2.06	3.78	2.57	41.00	ppb
Strontium	88-1	1.93	1.99	4.31	2.74	49.38	ppb
Sulfur	34-1	384.57	500.62	445.22	443.47	13.09	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	1.87	1.86	1.90	1.88	0.92	ppb
Thallium	205-1	1.73	1.83	1.81	1.79	3.03	ppb
Tin	118-1	0.11	0.04	0.09	0.08	50.25	ppb
Titanium	47-1	9.28	8.54	9.72	9.18	6.49	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BS	Instrumnet Name :	P7
Client Sample ID :	LCS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:09:03	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.70	1.73	1.71	1.71	0.91	ppb
Vanadium	51-2	9.26	10.51	9.61	9.79	6.62	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	10.53	11.40	11.67	11.20	5.33	ppb
Zirconium	90-1	1.99	2.04	2.20	2.07	5.33	ppb
Zirconium	91-1	2.05	1.92	2.07	2.01	4.17	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BL	Instrumnet Name :	P7
Client Sample ID :	PBS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:16:05	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.40	-2.41	-3.04	-2.62		ppb
Antimony	121-1	0.01	0.03	0.02	0.02	72.14	ppb
Arsenic	75-2	0.00	0.00	0.04	0.01	173.21	ppb
Barium	135-1	-0.01	-0.03	-0.01	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.13	0.20	0.06	0.13	51.96	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	0.03	-0.06	-0.03		ppb
Cadmium	106-1	2.62	-1.09	1.51	1.02	187.14	ppb
Cadmium	111-1	0.20	-0.07	0.11	0.08	178.39	ppb
Calcium	43-1	-9.65	-4.50	-3.55	-5.90		ppb
Calcium	44-1	-2.04	-1.09	-1.57	-1.57		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.03	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	278.19	ppb
Copper	63-2	0.06	-0.08	0.15	0.04	269.56	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				96		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	1.07	0.86	1.41	1.12	24.79	ppb
Iron	57-2	0.45	-3.36	-2.51	-1.81		ppb
Iron	54-2	1.05	2.65	1.62	1.77	45.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BL	Instrumnet Name :	P7
Client Sample ID :	PBS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:16:05	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.03	0.04	30.95	ppb
Lead	207-1	0.03	0.03	0.02	0.03	25.03	ppb
Lead	208-1	0.03	0.03	0.03	0.03	17.05	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.42	0.76	1.26	1.15	29.98	ppb
Manganese	55-2	-0.02	0.05	-0.03	0.00	6223.87	ppb
Molybdenum	94-1	0.02	0.04	0.03	0.03	34.04	ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	67.42	ppb
Molybdenum	96-1	-0.01	0.01	0.02	0.00	326.83	ppb
Molybdenum	97-1	0.00	0.02	0.01	0.01	88.08	ppb
Molybdenum	98-1	0.00	0.03	0.01	0.01	140.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.28	-0.06	-0.15	-0.16		ppb
Phosphorus	31-2	-14.07	-16.04	-17.80	-15.97		ppb
Potassium	39-2	5.14	5.27	7.63	6.01	23.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.92	0.82	-0.35	0.46	152.67	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.77	-2.05	-3.16	-2.66		ppb
Silicon	28-1	0.19	0.74	0.88	0.60	60.53	ppb
Silver	107-1	0.01	0.01	0.01	0.01	41.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	36.69	ppb
Sodium	23-2	44.33	45.72	47.82	45.96	3.83	ppb
Strontium	86-1	-0.01	-0.06	-0.04	-0.04		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	386.24	393.42	448.77	409.48	8.36	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.08	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	22.86	ppb
Tin	118-1	0.02	0.01	0.22	0.08	146.60	ppb
Titanium	47-1	0.04	-0.01	0.06	0.03	115.31	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BL	Instrumnet Name :	P7
Client Sample ID :	PBS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:16:05	DataFile Name :	029CCBE.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	-0.01		ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	-0.06	0.13	-0.25	-0.06		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	8.27	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	32.06	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:19:37	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.93	18.42	19.66	18.67	4.78	ppb
Antimony	121-1	2.12	2.05	1.99	2.05	3.14	ppb
Arsenic	75-2	0.64	1.11	0.86	0.87	27.10	ppb
Barium	135-1	9.74	9.59	9.67	9.67	0.78	ppb
Barium	137-1	9.81	9.95	9.54	9.76	2.13	ppb
Beryllium	9-1	1.15	1.03	1.14	1.11	5.97	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.97	0.70	1.63	1.43	46.02	ppb
Cadmium	106-1	1.29	0.26	0.52	0.69	77.07	ppb
Cadmium	111-1	0.95	1.07	0.97	1.00	6.80	ppb
Calcium	43-1	459.29	532.75	504.88	498.97	7.43	ppb
Calcium	44-1	525.13	523.97	536.11	528.40	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.32	2.21	2.23	2.25	2.61	ppb
Cobalt	59-2	1.14	1.04	1.09	1.09	4.25	ppb
Copper	63-2	2.13	2.24	2.05	2.14	4.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	236.38	235.56	239.34	237.09	0.84	ppb
Iron	57-2	235.19	227.83	248.17	237.06	4.34	ppb
Iron	54-2	236.97	227.83	240.23	235.01	2.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:19:37	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.91	1.00	1.04	0.98	6.74	ppb
Lead	207-1	0.99	0.91	0.96	0.96	4.07	ppb
Lead	208-1	0.99	0.94	0.99	0.98	2.92	ppb
Lithium	6-1				105		%
Magnesium	24-2	564.06	551.36	542.66	552.69	1.95	ppb
Manganese	55-2	1.25	1.10	1.31	1.22	8.90	ppb
Molybdenum	94-1	5.84	5.66	5.66	5.72	1.82	ppb
Molybdenum	95-1	4.64	4.99	4.96	4.86	4.00	ppb
Molybdenum	96-1	4.81	4.70	5.08	4.86	3.95	ppb
Molybdenum	97-1	4.85	4.73	4.73	4.77	1.52	ppb
Molybdenum	98-1	4.66	4.72	4.69	4.69	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.06	0.97	1.01	4.17	ppb
Phosphorus	31-2	-14.36	-27.10	-25.08	-22.18		ppb
Potassium	39-2	554.34	544.03	568.43	555.60	2.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	5.89	5.80	5.16	5.62	7.09	ppb
Selenium	77-2	1.38	8.31	8.39	6.03	66.76	ppb
Selenium	78-2	1.12	5.94	4.03	3.70	65.56	ppb
Silicon	28-1	4.44	5.07	4.64	4.72	6.83	ppb
Silver	107-1	1.03	1.03	1.02	1.03	0.81	ppb
Silver	109-1	1.10	1.08	1.02	1.07	3.61	ppb
Sodium	23-2	563.08	564.21	566.59	564.63	0.32	ppb
Strontium	86-1	1.03	1.00	0.94	0.99	4.94	ppb
Strontium	88-1	1.00	1.04	1.09	1.04	4.23	ppb
Sulfur	34-1	339.31	105.15	354.45	266.30	52.49	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.95	0.94	0.95	1.06	ppb
Thallium	205-1	0.93	0.94	0.91	0.93	1.90	ppb
Tin	118-1	-0.04	-0.02	-0.02	-0.03		ppb
Titanium	47-1	4.60	4.80	4.90	4.77	3.16	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:19:37	DataFile Name :	030LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.88	0.88	1.08	ppb
Vanadium	51-2	5.07	4.98	4.95	5.00	1.32	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	5.43	4.67	6.14	5.41	13.51	ppb
Zirconium	90-1	1.08	1.08	1.05	1.07	1.37	ppb
Zirconium	91-1	1.01	1.07	1.12	1.06	5.34	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BS	Instrumnet Name :	P7
Client Sample ID :	LCS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:26:39	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.35	37.67	37.18	38.40	4.45	ppb
Antimony	121-1	3.91	4.11	3.97	3.99	2.57	ppb
Arsenic	75-2	3.14	2.56	2.02	2.58	21.67	ppb
Barium	135-1	19.34	19.63	18.65	19.21	2.61	ppb
Barium	137-1	18.94	19.25	18.69	18.96	1.46	ppb
Beryllium	9-1	2.11	1.78	2.03	1.97	8.82	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.93	3.36	2.33	2.87	18.05	ppb
Cadmium	106-1	3.63	4.07	2.46	3.38	24.60	ppb
Cadmium	111-1	2.30	2.39	2.11	2.27	6.34	ppb
Calcium	43-1	972.04	1022.48	999.78	998.10	2.53	ppb
Calcium	44-1	995.36	1015.54	1017.33	1009.41	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.66	4.45	4.38	4.50	3.27	ppb
Cobalt	59-2	2.20	2.02	2.02	2.08	5.14	ppb
Copper	63-2	4.73	4.18	4.23	4.38	6.94	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				96		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	453.98	457.78	459.69	457.15	0.64	ppb
Iron	57-2	448.27	471.38	442.83	454.16	3.34	ppb
Iron	54-2	455.09	452.87	479.97	462.64	3.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BS	Instrumnet Name :	P7
Client Sample ID :	LCS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:26:39	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.87	1.88	1.83	1.86	1.62	ppb
Lead	207-1	1.76	1.72	1.86	1.78	4.03	ppb
Lead	208-1	1.83	1.83	1.88	1.84	1.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	1034.93	1045.60	1076.42	1052.32	2.05	ppb
Manganese	55-2	2.23	2.23	2.33	2.26	2.44	ppb
Molybdenum	94-1	11.24	11.31	11.26	11.27	0.29	ppb
Molybdenum	95-1	9.06	9.20	9.37	9.21	1.69	ppb
Molybdenum	96-1	9.37	9.71	9.18	9.42	2.87	ppb
Molybdenum	97-1	9.22	9.36	8.97	9.18	2.16	ppb
Molybdenum	98-1	8.86	9.31	9.16	9.11	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.27	1.82	1.80	1.96	13.59	ppb
Phosphorus	31-2	-16.16	-10.38	-26.77	-17.77		ppb
Potassium	39-2	1065.82	1068.94	1079.41	1071.39	0.66	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	10.23	10.17	10.82	10.41	3.45	ppb
Selenium	77-2	15.56	7.05	14.27	12.30	37.29	ppb
Selenium	78-2	12.32	5.35	4.26	7.31	59.80	ppb
Silicon	28-1	7.79	9.56	9.38	8.91	10.92	ppb
Silver	107-1	2.05	2.11	1.95	2.04	4.10	ppb
Silver	109-1	2.05	2.02	1.96	2.01	2.24	ppb
Sodium	23-2	1029.33	1029.72	1060.95	1040.00	1.74	ppb
Strontium	86-1	1.92	1.97	2.26	2.05	9.04	ppb
Strontium	88-1	1.99	1.91	2.03	1.98	3.06	ppb
Sulfur	34-1	456.62	504.60	366.66	442.63	15.82	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	1.80	1.81	1.83	1.81	0.69	ppb
Thallium	205-1	1.76	1.85	1.83	1.81	2.70	ppb
Tin	118-1	0.04	0.03	0.05	0.04	20.12	ppb
Titanium	47-1	8.43	9.53	9.14	9.03	6.19	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BS	Instrumnet Name :	P7
Client Sample ID :	LCS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:26:39	DataFile Name :	032LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.69	1.71	1.69	1.87	ppb
Vanadium	51-2	10.04	9.77	10.31	10.04	2.70	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	10.39	11.13	9.99	10.50	5.53	ppb
Zirconium	90-1	1.97	1.99	2.06	2.00	2.31	ppb
Zirconium	91-1	2.03	1.98	1.85	1.95	4.75	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:30:09	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.40	19.38	19.72	20.17	5.34	ppb
Antimony	121-1	2.08	1.98	2.05	2.03	2.59	ppb
Arsenic	75-2	0.99	1.33	1.41	1.25	17.71	ppb
Barium	135-1	9.27	9.47	9.75	9.50	2.53	ppb
Barium	137-1	9.22	9.08	9.94	9.41	4.89	ppb
Beryllium	9-1	1.32	1.16	0.85	1.11	21.30	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.28	1.09	0.95	1.10	15.01	ppb
Cadmium	106-1	1.59	1.99	2.90	2.16	31.04	ppb
Cadmium	111-1	1.12	1.23	1.29	1.22	7.14	ppb
Calcium	43-1	499.44	469.16	551.46	506.69	8.22	ppb
Calcium	44-1	496.34	507.30	528.18	510.61	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	2.24	2.15	2.11	7.41	ppb
Cobalt	59-2	1.11	1.08	0.99	1.06	5.68	ppb
Copper	63-2	2.05	2.01	2.25	2.10	6.05	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				95		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	225.83	225.99	225.41	225.74	0.13	ppb
Iron	57-2	217.93	227.94	218.16	221.34	2.58	ppb
Iron	54-2	229.02	227.99	235.41	230.81	1.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:30:09	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.87	0.90	1.01	0.93	7.96	ppb
Lead	207-1	0.97	0.93	0.95	0.95	2.59	ppb
Lead	208-1	0.92	0.92	1.01	0.95	5.31	ppb
Lithium	6-1				103		%
Magnesium	24-2	528.09	521.35	532.50	527.31	1.07	ppb
Manganese	55-2	0.92	1.21	1.09	1.07	13.59	ppb
Molybdenum	94-1	5.26	5.51	5.82	5.53	5.08	ppb
Molybdenum	95-1	4.48	4.68	4.46	4.54	2.70	ppb
Molybdenum	96-1	4.69	4.46	4.60	4.58	2.45	ppb
Molybdenum	97-1	4.75	4.48	5.01	4.75	5.63	ppb
Molybdenum	98-1	4.55	4.54	4.84	4.64	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.22	0.98	1.07	12.16	ppb
Phosphorus	31-2	-8.74	-23.29	-19.52	-17.18		ppb
Potassium	39-2	522.58	531.01	531.86	528.48	0.97	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	7.63	5.12	5.87	6.21	20.81	ppb
Selenium	77-2	5.61	4.32	8.58	6.17	35.42	ppb
Selenium	78-2	4.08	1.45	4.28	3.27	48.26	ppb
Silicon	28-1	4.30	4.31	6.27	4.96	22.82	ppb
Silver	107-1	1.06	1.02	1.09	1.06	3.40	ppb
Silver	109-1	1.00	0.93	1.02	0.99	4.77	ppb
Sodium	23-2	534.18	526.47	537.23	532.62	1.04	ppb
Strontium	86-1	1.05	0.86	0.93	0.94	10.40	ppb
Strontium	88-1	1.01	1.02	1.06	1.03	2.63	ppb
Sulfur	34-1	406.66	407.71	840.05	551.47	45.32	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.92	0.94	1.00	0.95	4.36	ppb
Thallium	205-1	0.93	0.87	0.91	0.90	3.43	ppb
Tin	118-1	0.00	0.00	0.04	0.01	174.84	ppb
Titanium	47-1	4.62	4.60	4.53	4.58	1.11	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:30:09	DataFile Name :	033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.84	0.88	0.84	4.19	ppb
Vanadium	51-2	4.86	4.95	4.81	4.87	1.38	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	5.34	5.92	5.07	5.44	7.98	ppb
Zirconium	90-1	0.99	1.07	1.06	1.04	4.18	ppb
Zirconium	91-1	0.90	0.92	1.09	0.97	10.52	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BL	Instrumnet Name :	P7
Client Sample ID :	PBS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:33:41	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.31	-1.80	-2.12	-2.08		ppb
Antimony	121-1	0.02	0.03	0.01	0.02	64.82	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	-0.02	-0.03	-0.02		ppb
Barium	137-1	0.00	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.08	-0.06	-0.05	-0.01		ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.06	-0.06	-0.03		ppb
Cadmium	106-1	0.83	1.39	0.16	0.79	77.74	ppb
Cadmium	111-1	0.05	0.10	0.01	0.05	88.65	ppb
Calcium	43-1	-4.28	-16.90	-7.61	-9.60		ppb
Calcium	44-1	-1.00	-1.21	-0.97	-1.06		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	-0.01	-0.01	0.01	339.74	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.19	-0.12	-0.21	-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				94		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	0.21	-0.16	-0.16	-0.04		ppb
Iron	57-2	-0.90	-3.45	4.74	0.13	3261.65	ppb
Iron	54-2	1.76	-0.02	-2.93	-0.39		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BL	Instrumnet Name :	P7
Client Sample ID :	PBS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:33:41	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.02	0.02	0.02	24.23	ppb
Lead	207-1	0.00	0.00	0.02	0.01	164.33	ppb
Lead	208-1	0.01	0.01	0.01	0.01	31.29	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.17	1.84	0.23	1.08	75.06	ppb
Manganese	55-2	0.00	-0.03	-0.04	-0.02		ppb
Molybdenum	94-1	0.01	0.01	0.00	0.01	117.92	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	42.64	ppb
Molybdenum	96-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	97-1	0.00	-0.01	-0.01	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	54.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.10	-0.06	-0.10		ppb
Phosphorus	31-2	-10.44	-22.95	-4.80	-12.73		ppb
Potassium	39-2	5.63	7.99	7.27	6.97	17.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	1.57	0.45	0.15	0.73	103.47	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.18	1.49	-2.35	0.44	551.26	ppb
Silicon	28-1	-0.38	0.04	-0.47	-0.27		ppb
Silver	107-1	0.02	0.01	0.01	0.01	57.36	ppb
Silver	109-1	0.02	0.01	0.02	0.02	15.04	ppb
Sodium	23-2	26.85	30.20	30.53	29.19	6.98	ppb
Strontium	86-1	-0.04	-0.04	-0.01	-0.03		ppb
Strontium	88-1	-0.02	-0.03	-0.02	-0.02		ppb
Sulfur	34-1	513.10	368.73	573.46	485.10	21.69	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.00	0.01	54.19	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	33.20	ppb
Tin	118-1	-0.07	-0.02	-0.08	-0.06		ppb
Titanium	47-1	0.07	-0.04	-0.05	-0.01		ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BL	Instrumnet Name :	P7
Client Sample ID :	PBS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:33:41	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	-0.22	-0.24	-0.22	-0.22		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	18.50	ppb
Zirconium	91-1	0.02	0.02	0.00	0.01	126.28	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:40:44	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.71	19.81	18.19	19.24	4.71	ppb
Antimony	121-1	2.09	2.08	2.18	2.12	2.56	ppb
Arsenic	75-2	1.22	1.00	1.14	1.12	9.97	ppb
Barium	135-1	9.50	9.36	9.92	9.59	3.03	ppb
Barium	137-1	9.16	9.62	10.44	9.74	6.62	ppb
Beryllium	9-1	1.16	1.13	1.17	1.16	1.83	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.65	1.48	1.08	1.40	21.02	ppb
Cadmium	106-1	1.55	1.03	-0.07	0.84	98.55	ppb
Cadmium	111-1	1.15	1.27	1.13	1.18	6.58	ppb
Calcium	43-1	476.14	516.77	527.99	506.97	5.38	ppb
Calcium	44-1	505.11	505.37	551.56	520.68	5.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.30	2.16	2.35	2.27	4.33	ppb
Cobalt	59-2	1.08	1.18	1.19	1.15	5.03	ppb
Copper	63-2	2.17	2.01	2.18	2.12	4.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	56-2	231.38	233.58	230.90	231.95	0.62	ppb
Iron	57-2	216.31	229.35	242.97	229.54	5.81	ppb
Iron	54-2	230.22	236.76	235.05	234.01	1.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:40:44	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.98	0.99	0.98	1.42	ppb
Lead	207-1	0.81	0.86	0.99	0.89	10.57	ppb
Lead	208-1	0.93	0.95	1.01	0.97	4.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	537.98	542.88	531.26	537.37	1.09	ppb
Manganese	55-2	1.18	1.39	1.16	1.24	10.34	ppb
Molybdenum	94-1	5.75	5.85	5.87	5.83	1.08	ppb
Molybdenum	95-1	4.66	4.51	4.95	4.71	4.74	ppb
Molybdenum	96-1	4.66	4.72	5.26	4.88	6.77	ppb
Molybdenum	97-1	4.73	4.82	4.62	4.72	2.11	ppb
Molybdenum	98-1	4.59	4.57	4.99	4.72	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.82	1.03	0.96	12.29	ppb
Phosphorus	31-2	-16.01	-25.00	-26.96	-22.66		ppb
Potassium	39-2	542.27	538.44	542.36	541.02	0.41	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	5.77	5.61	6.09	5.82	4.24	ppb
Selenium	77-2	2.83	2.82	2.84	2.83	0.29	ppb
Selenium	78-2	3.35	1.69	-0.30	1.58	115.72	ppb
Silicon	28-1	4.38	5.00	7.68	5.69	30.90	ppb
Silver	107-1	1.05	1.01	1.05	1.04	2.34	ppb
Silver	109-1	1.00	0.99	1.16	1.05	8.92	ppb
Sodium	23-2	535.89	530.48	522.69	529.69	1.25	ppb
Strontium	86-1	1.00	0.95	1.12	1.02	8.54	ppb
Strontium	88-1	1.03	0.98	1.05	1.02	3.36	ppb
Sulfur	34-1	215.62	142.22	802.98	386.94	93.60	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.91	0.91	0.92	0.91	0.97	ppb
Thallium	205-1	0.90	0.91	0.93	0.91	1.76	ppb
Tin	118-1	0.01	0.01	0.00	0.01	49.24	ppb
Titanium	47-1	4.68	4.51	5.67	4.95	12.60	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:40:44	DataFile Name :	036LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.87	0.92	0.88	4.72	ppb
Vanadium	51-2	4.99	5.45	5.24	5.23	4.38	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	5.12	5.48	5.16	5.25	3.71	ppb
Zirconium	90-1	1.06	1.08	1.08	1.07	1.00	ppb
Zirconium	91-1	1.15	1.04	0.99	1.06	7.61	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BS	Instrumnet Name :	P7
Client Sample ID :	LCS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:44:14	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.72	40.91	37.90	38.84	4.61	ppb
Antimony	121-1	3.95	3.90	4.09	3.98	2.38	ppb
Arsenic	75-2	1.78	2.10	2.72	2.20	21.66	ppb
Barium	135-1	18.45	19.52	19.26	19.08	2.93	ppb
Barium	137-1	18.93	18.95	18.66	18.85	0.84	ppb
Beryllium	9-1	2.08	1.82	2.17	2.03	9.00	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.63	2.29	2.09	2.34	11.74	ppb
Cadmium	106-1	4.82	2.13	2.87	3.27	42.48	ppb
Cadmium	111-1	2.22	2.23	2.17	2.21	1.51	ppb
Calcium	43-1	959.10	1032.71	973.90	988.57	3.94	ppb
Calcium	44-1	1019.96	1021.50	1025.80	1022.42	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.46	4.57	4.57	4.53	1.32	ppb
Cobalt	59-2	2.05	2.21	2.12	2.13	3.56	ppb
Copper	63-2	4.34	4.45	4.42	4.40	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				97		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	459.93	465.16	463.54	462.88	0.58	ppb
Iron	57-2	469.94	453.04	465.35	462.78	1.89	ppb
Iron	54-2	461.46	470.81	459.21	463.83	1.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BS	Instrumnet Name :	P7
Client Sample ID :	LCS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:44:14	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.83	1.83	1.83	1.83	0.05	ppb
Lead	207-1	1.73	1.91	1.85	1.83	5.24	ppb
Lead	208-1	1.82	1.87	1.85	1.84	1.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	1070.79	1077.44	1068.70	1072.31	0.43	ppb
Manganese	55-2	2.11	2.26	2.25	2.20	3.81	ppb
Molybdenum	94-1	11.16	10.85	10.96	10.99	1.41	ppb
Molybdenum	95-1	9.25	9.04	9.03	9.11	1.37	ppb
Molybdenum	96-1	9.09	9.11	9.54	9.25	2.74	ppb
Molybdenum	97-1	9.28	9.23	9.65	9.39	2.42	ppb
Molybdenum	98-1	9.21	8.93	9.41	9.19	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	1.98	2.46	2.16	12.14	ppb
Phosphorus	31-2	-17.78	-9.95	-19.22	-15.65		ppb
Potassium	39-2	1075.03	1119.10	1094.57	1096.23	2.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	10.94	10.09	11.17	10.73	5.32	ppb
Selenium	77-2	16.91	15.59	14.21	15.57	8.65	ppb
Selenium	78-2	14.68	9.50	7.91	10.70	33.13	ppb
Silicon	28-1	8.67	9.08	8.23	8.66	4.90	ppb
Silver	107-1	2.18	2.03	2.07	2.09	3.56	ppb
Silver	109-1	2.07	2.12	2.16	2.12	1.94	ppb
Sodium	23-2	1045.31	1048.15	1045.02	1046.16	0.17	ppb
Strontium	86-1	2.14	1.99	2.08	2.07	3.46	ppb
Strontium	88-1	2.04	2.02	2.02	2.03	0.55	ppb
Sulfur	34-1	366.70	591.84	549.38	502.64	23.80	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	1.88	1.75	1.81	1.81	3.56	ppb
Thallium	205-1	1.76	1.82	1.82	1.80	1.83	ppb
Tin	118-1	-0.05	0.00	-0.05	-0.03		ppb
Titanium	47-1	8.64	9.87	9.53	9.35	6.78	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BS	Instrumnet Name :	P7
Client Sample ID :	LCS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:44:14	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.69	1.74	1.70	2.52	ppb
Vanadium	51-2	10.28	10.61	9.70	10.20	4.50	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	10.81	10.44	10.41	10.55	2.11	ppb
Zirconium	90-1	2.05	2.02	2.14	2.07	3.06	ppb
Zirconium	91-1	2.11	2.05	2.08	2.08	1.34	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BL	Instrumnet Name :	P7
Client Sample ID :	PBS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:47:45	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.47	-1.71	-1.79	-1.66		ppb
Antimony	121-1	0.00	0.01	0.00	0.01	89.25	ppb
Arsenic	75-2	0.00	0.00	0.04	0.01	173.21	ppb
Barium	135-1	0.01	-0.02	0.01	0.00	3443.34	ppb
Barium	137-1	0.01	0.00	0.01	0.01	137.18	ppb
Beryllium	9-1	0.00	-0.02	0.04	0.01	468.59	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.04	0.04	0.07	79.98	ppb
Cadmium	106-1	2.42	2.16	0.48	1.69	62.41	ppb
Cadmium	111-1	0.17	0.15	0.03	0.12	62.59	ppb
Calcium	43-1	-9.96	-7.08	-13.54	-10.19		ppb
Calcium	44-1	-1.07	-1.40	-1.28	-1.25		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	35.91	ppb
Cobalt	59-2	0.01	0.02	0.00	0.01	84.40	ppb
Copper	63-2	-0.14	-0.13	-0.20	-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				94		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	-0.31	-0.09	-0.40	-0.27		ppb
Iron	57-2	-5.12	-1.85	-6.26	-4.41		ppb
Iron	54-2	2.19	3.19	-0.27	1.70	104.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BL	Instrumnet Name :	P7
Client Sample ID :	PBS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:47:45	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.02	0.01	0.01	106.93	ppb
Lead	207-1	0.01	0.01	-0.01	0.00	194.27	ppb
Lead	208-1	0.01	0.01	0.01	0.01	52.35	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.33	2.48	-0.12	0.68	230.93	ppb
Manganese	55-2	-0.02	-0.05	-0.04	-0.04		ppb
Molybdenum	94-1	0.00	-0.01	0.04	0.01	184.26	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	31.75	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	37.37	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.00	77.47	ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	81.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.13	-0.23	-0.20		ppb
Phosphorus	31-2	-7.57	-17.36	-14.25	-13.06		ppb
Potassium	39-2	11.62	12.97	0.72	8.44	79.62	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	-0.16	0.86	-0.26	0.15	419.00	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.71	-1.11	-3.53	-2.12		ppb
Silicon	28-1	0.20	-0.11	0.04	0.04	385.15	ppb
Silver	107-1	0.02	0.01	0.01	0.02	30.24	ppb
Silver	109-1	0.01	0.02	0.00	0.01	69.59	ppb
Sodium	23-2	23.96	21.32	21.98	22.42	6.12	ppb
Strontium	86-1	-0.04	-0.03	-0.02	-0.03		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	703.49	743.04	518.37	654.97	18.31	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.01	0.00	0.01	66.12	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	311.69	ppb
Tin	118-1	0.02	0.02	0.05	0.03	63.56	ppb
Titanium	47-1	0.08	0.01	0.03	0.04	87.20	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BL	Instrumnet Name :	P7
Client Sample ID :	PBS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:47:45	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	-0.43	-0.05	-0.09	-0.19		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	32.75	ppb
Zirconium	91-1	0.01	0.04	0.03	0.03	53.00	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BS	Instrumnet Name :	P7
Client Sample ID :	LCS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:51:13	DataFile Name :	039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.53	39.35	36.58	38.15	3.73	ppb
Antimony	121-1	4.16	4.11	4.16	4.14	0.78	ppb
Arsenic	75-2	1.88	2.45	2.04	2.12	13.84	ppb
Barium	135-1	18.36	18.92	19.28	18.86	2.46	ppb
Barium	137-1	19.73	18.76	18.70	19.06	3.05	ppb
Beryllium	9-1	1.92	2.10	2.09	2.04	4.81	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.69	3.66	2.93	3.09	16.34	ppb
Cadmium	106-1	1.69	3.46	0.66	1.93	73.30	ppb
Cadmium	111-1	2.41	2.41	2.10	2.30	7.83	ppb
Calcium	43-1	970.03	999.18	1027.77	998.99	2.89	ppb
Calcium	44-1	1004.27	1027.79	1058.52	1030.19	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.69	4.81	4.58	4.69	2.47	ppb
Cobalt	59-2	2.06	2.24	2.26	2.19	5.04	ppb
Copper	63-2	4.55	4.27	4.07	4.30	5.55	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				95		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	466.30	471.75	467.33	468.46	0.62	ppb
Iron	57-2	440.89	471.39	463.39	458.56	3.45	ppb
Iron	54-2	485.57	475.73	479.10	480.13	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BS	Instrumnet Name :	P7
Client Sample ID :	LCS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:51:13	DataFile Name :	039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.88	1.80	1.85	1.84	2.19	ppb
Lead	207-1	1.90	1.84	1.82	1.85	2.39	ppb
Lead	208-1	1.87	1.86	1.82	1.85	1.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	1088.39	1084.24	1076.16	1082.93	0.57	ppb
Manganese	55-2	2.29	2.00	2.36	2.21	8.66	ppb
Molybdenum	94-1	11.66	11.47	10.82	11.32	3.90	ppb
Molybdenum	95-1	9.30	9.22	9.25	9.26	0.39	ppb
Molybdenum	96-1	9.75	9.52	9.62	9.63	1.18	ppb
Molybdenum	97-1	9.29	9.50	9.23	9.34	1.54	ppb
Molybdenum	98-1	9.15	9.24	9.41	9.27	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	2.47	2.36	2.29	9.83	ppb
Phosphorus	31-2	-11.86	-6.21	3.09	-4.99		ppb
Potassium	39-2	1098.44	1113.50	1108.21	1106.72	0.69	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	9.42	10.72	12.58	10.90	14.54	ppb
Selenium	77-2	17.38	11.55	4.33	11.09	59.01	ppb
Selenium	78-2	11.12	9.38	7.70	9.40	18.14	ppb
Silicon	28-1	8.92	9.27	9.73	9.31	4.33	ppb
Silver	107-1	2.09	2.13	1.98	2.07	3.75	ppb
Silver	109-1	2.02	2.02	2.13	2.06	3.18	ppb
Sodium	23-2	1052.08	1060.19	1053.22	1055.16	0.42	ppb
Strontium	86-1	1.93	2.17	2.13	2.08	6.23	ppb
Strontium	88-1	1.94	1.98	2.07	1.99	3.38	ppb
Sulfur	34-1	362.29	563.75	647.63	524.56	27.96	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	1.79	1.70	1.84	1.78	3.88	ppb
Thallium	205-1	1.70	1.80	1.81	1.77	3.35	ppb
Tin	118-1	0.04	0.03	0.05	0.04	25.11	ppb
Titanium	47-1	9.34	9.58	10.08	9.66	3.90	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BS	Instrumnet Name :	P7
Client Sample ID :	LCS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:51:13	DataFile Name :	039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.70	1.70	1.72	1.71	0.68	ppb
Vanadium	51-2	10.06	10.77	10.56	10.46	3.51	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	10.42	9.44	11.18	10.35	8.42	ppb
Zirconium	90-1	2.11	2.15	2.14	2.13	0.88	ppb
Zirconium	91-1	1.83	2.19	1.94	1.99	9.32	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:54:45	DataFile Name :	040LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.27	18.36	19.29	19.31	4.94	ppb
Antimony	121-1	2.02	2.22	2.02	2.09	5.34	ppb
Arsenic	75-2	1.19	1.23	1.46	1.29	11.14	ppb
Barium	135-1	9.12	9.48	9.43	9.34	2.12	ppb
Barium	137-1	9.49	9.62	9.89	9.67	2.11	ppb
Beryllium	9-1	1.14	1.09	1.13	1.12	2.13	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.37	0.61	0.89	0.96	39.86	ppb
Cadmium	106-1	1.31	2.26	1.06	1.54	40.90	ppb
Cadmium	111-1	1.13	1.23	1.26	1.20	5.68	ppb
Calcium	43-1	503.82	498.09	544.07	515.33	4.86	ppb
Calcium	44-1	527.24	518.78	519.46	521.83	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.23	2.21	2.18	3.31	ppb
Cobalt	59-2	1.07	1.15	1.05	1.09	5.06	ppb
Copper	63-2	2.14	2.07	1.80	2.00	9.12	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				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	237.68	238.29	233.62	236.53	1.07	ppb
Iron	57-2	241.12	247.87	239.19	242.73	1.88	ppb
Iron	54-2	247.00	227.19	246.49	240.23	4.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:54:45	DataFile Name :	040LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.97	0.99	0.97	1.17	ppb
Lead	207-1	0.97	0.92	0.96	0.95	2.89	ppb
Lead	208-1	0.96	0.92	0.98	0.95	3.24	ppb
Lithium	6-1				105		%
Magnesium	24-2	549.23	560.37	532.74	547.44	2.54	ppb
Manganese	55-2	1.18	1.09	1.15	1.14	4.22	ppb
Molybdenum	94-1	5.57	5.98	6.22	5.92	5.58	ppb
Molybdenum	95-1	4.77	4.64	4.78	4.73	1.55	ppb
Molybdenum	96-1	4.75	4.97	4.78	4.83	2.44	ppb
Molybdenum	97-1	4.61	4.76	4.54	4.63	2.43	ppb
Molybdenum	98-1	4.81	4.77	4.95	4.84	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.85	1.13	1.04	15.90	ppb
Phosphorus	31-2	-14.51	-12.75	-16.70	-14.65		ppb
Potassium	39-2	561.96	559.06	552.64	557.89	0.85	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	5.47	7.03	5.27	5.92	16.26	ppb
Selenium	77-2	6.88	5.51	2.78	5.06	41.27	ppb
Selenium	78-2	5.84	3.88	2.76	4.16	37.40	ppb
Silicon	28-1	4.02	3.83	4.86	4.24	12.94	ppb
Silver	107-1	1.08	0.97	0.95	1.00	6.62	ppb
Silver	109-1	1.02	1.08	1.07	1.05	2.99	ppb
Sodium	23-2	552.70	552.83	529.78	545.10	2.43	ppb
Strontium	86-1	0.95	0.96	0.95	0.95	0.91	ppb
Strontium	88-1	1.00	0.98	1.05	1.01	3.32	ppb
Sulfur	34-1	470.05	475.52	371.97	439.18	13.27	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	1.02	0.98	0.99	1.00	2.35	ppb
Thallium	205-1	0.89	0.90	0.96	0.92	4.32	ppb
Tin	118-1	-0.05	-0.05	-0.07	-0.06		ppb
Titanium	47-1	4.83	4.13	4.72	4.56	8.23	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:54:45	DataFile Name :	040LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.85	0.87	0.85	2.30	ppb
Vanadium	51-2	5.43	5.22	4.97	5.21	4.41	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	5.36	4.88	4.76	5.00	6.34	ppb
Zirconium	90-1	1.00	1.08	1.12	1.07	5.73	ppb
Zirconium	91-1	1.02	1.05	1.02	1.03	2.01	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Q1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:58:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51638.77	51951.79	51234.86	51608.48	0.70	ppb
Antimony	121-1	8.67	8.54	8.81	8.67	1.55	ppb
Arsenic	75-2	174.19	171.42	176.01	173.87	1.33	ppb
Barium	135-1	742.00	742.24	751.59	745.28	0.73	ppb
Barium	137-1	742.44	742.82	754.54	746.60	0.92	ppb
Beryllium	9-1	1.82	1.56	1.71	1.69	7.61	ppb
Bismuth	209-1				95		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.49	2.77	3.19	2.82	12.59	ppb
Cadmium	106-1	6.48	4.94	5.97	5.80	13.49	ppb
Cadmium	111-1	0.97	0.78	0.89	0.88	11.10	ppb
Calcium	43-1	61546.18	62159.19	61807.75	61837.71	0.50	ppb
Calcium	44-1	57642.44	58983.46	57819.40	58148.43	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.01	109.78	108.30	109.36	0.85	ppb
Cobalt	59-2	57.17	57.22	57.98	57.46	0.78	ppb
Copper	63-2	146.41	145.00	145.34	145.58	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	102635.68	103410.73	103569.12	103205.18	0.48	ppb
Iron	57-2	101944.66	101239.49	101880.28	101688.14	0.38	ppb
Iron	54-2	102022.26	102497.48	103827.20	102782.31	0.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Q1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:58:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.42	35.18	34.62	34.74	1.14	ppb
Lead	207-1	33.19	33.74	34.08	33.67	1.34	ppb
Lead	208-1	33.92	34.43	34.36	34.24	0.81	ppb
Lithium	6-1				107		%
Magnesium	24-2	28270.27	28787.41	28452.81	28503.50	0.92	ppb
Manganese	55-2	2272.47	2254.20	2259.76	2262.14	0.41	ppb
Molybdenum	94-1	43.26	43.77	44.22	43.75	1.09	ppb
Molybdenum	95-1	0.99	0.95	0.96	0.97	2.29	ppb
Molybdenum	96-1	6.32	5.78	6.04	6.05	4.45	ppb
Molybdenum	97-1	0.81	0.94	0.91	0.89	7.37	ppb
Molybdenum	98-1	0.98	0.96	0.99	0.97	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	148.79	148.63	147.32	148.25	0.54	ppb
Phosphorus	31-2	3464.88	3460.09	3517.56	3480.84	0.92	ppb
Potassium	39-2	7930.11	7863.45	7881.59	7891.72	0.44	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				118		%
Selenium	82-1	2.61	1.88	1.16	1.88	38.51	ppb
Selenium	77-2	20.43	8.44	19.15	16.01	41.14	ppb
Selenium	78-2	2.16	0.11	4.20	2.16	94.91	ppb
Silicon	28-1	2419.87	2444.30	2377.67	2413.95	1.40	ppb
Silver	107-1	0.46	0.33	0.35	0.38	18.86	ppb
Silver	109-1	0.39	0.38	0.36	0.38	4.13	ppb
Sodium	23-2	340.24	359.38	378.88	359.50	5.37	ppb
Strontium	86-1	241.89	241.35	242.69	241.98	0.28	ppb
Strontium	88-1	241.11	240.46	244.00	241.86	0.78	ppb
Sulfur	34-1	121.57	-46.36	-380.02	-101.60		ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	0.51	0.50	0.60	0.54	10.43	ppb
Thallium	205-1	0.46	0.53	0.56	0.52	9.39	ppb
Tin	118-1	3.81	3.98	3.82	3.87	2.49	ppb
Titanium	47-1	1055.49	1071.13	1058.92	1061.85	0.77	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Q1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:58:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.17	1.18	1.16	1.59	ppb
Vanadium	51-2	202.74	200.67	203.45	202.29	0.71	ppb
Yttrium	89-1				109		%
Yttrium	89-2				114		%
Zinc	66-2	251.69	251.35	246.54	249.86	1.15	ppb
Zirconium	90-1	24.86	25.09	25.43	25.12	1.16	ppb
Zirconium	91-1	24.56	23.86	24.96	24.46	2.28	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-02	Instrumnet Name :	P7
Client Sample ID :	MYD9Q2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:01:39	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53049.21	50956.98	54599.21	52868.47	3.46	ppb
Antimony	121-1	2.19	2.24	2.26	2.23	1.77	ppb
Arsenic	75-2	130.03	129.10	128.71	129.28	0.53	ppb
Barium	135-1	1024.96	1025.79	1016.64	1022.46	0.49	ppb
Barium	137-1	1018.10	1020.60	1023.00	1020.57	0.24	ppb
Beryllium	9-1	1.72	1.91	1.68	1.77	6.77	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.53	3.88	3.19	3.53	9.87	ppb
Cadmium	106-1	8.27	5.60	6.60	6.83	19.77	ppb
Cadmium	111-1	1.00	0.82	1.05	0.96	12.50	ppb
Calcium	43-1	98112.97	99278.54	99431.77	98941.09	0.73	ppb
Calcium	44-1	93030.05	93661.56	94854.46	93848.69	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115.06	111.16	113.93	113.39	1.77	ppb
Cobalt	59-2	53.35	52.68	54.64	53.55	1.86	ppb
Copper	63-2	148.15	145.41	148.53	147.36	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	104821.86	103046.77	106577.94	104815.52	1.68	ppb
Iron	57-2	104053.76	101803.54	104764.25	103540.52	1.49	ppb
Iron	54-2	107054.12	104208.34	106560.56	105941.01	1.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-02	Instrumnet Name :	P7
Client Sample ID :	MYD9Q2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:01:39	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.28	31.30	31.59	31.39	0.54	ppb
Lead	207-1	29.40	30.61	30.01	30.01	2.01	ppb
Lead	208-1	30.15	30.82	30.59	30.52	1.12	ppb
Lithium	6-1				105		%
Magnesium	24-2	28969.47	28151.89	29043.90	28721.75	1.72	ppb
Manganese	55-2	2262.29	2192.60	2268.90	2241.26	1.89	ppb
Molybdenum	94-1	47.92	47.91	48.67	48.17	0.91	ppb
Molybdenum	95-1	1.07	0.97	1.07	1.03	5.75	ppb
Molybdenum	96-1	6.36	6.77	6.56	6.56	3.10	ppb
Molybdenum	97-1	1.01	0.94	1.00	0.98	3.72	ppb
Molybdenum	98-1	0.93	0.92	0.96	0.94	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	155.35	149.12	153.36	152.61	2.09	ppb
Phosphorus	31-2	3209.09	3297.04	3282.61	3262.91	1.45	ppb
Potassium	39-2	7978.01	7714.56	7943.31	7878.63	1.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	82-1	0.89	0.55	1.80	1.08	60.09	ppb
Selenium	77-2	17.28	9.85	21.06	16.06	35.53	ppb
Selenium	78-2	0.63	4.51	3.16	2.76	71.34	ppb
Silicon	28-1	2209.68	2214.64	2246.47	2223.60	0.90	ppb
Silver	107-1	0.23	0.25	0.27	0.25	7.73	ppb
Silver	109-1	0.27	0.30	0.26	0.28	7.48	ppb
Sodium	23-2	360.02	357.79	371.54	363.12	2.03	ppb
Strontium	86-1	274.89	272.36	272.22	273.16	0.55	ppb
Strontium	88-1	275.51	273.47	272.60	273.86	0.55	ppb
Sulfur	34-1	-43.40	6.31	-141.31	-59.46		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.51	0.57	0.58	0.55	6.68	ppb
Thallium	205-1	0.49	0.55	0.56	0.53	6.92	ppb
Tin	118-1	3.03	3.11	3.01	3.05	1.69	ppb
Titanium	47-1	1011.45	1020.27	1027.78	1019.83	0.80	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-02	Instrumnet Name :	P7
Client Sample ID :	MYD9Q2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:01:39	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.32	1.26	1.29	2.43	ppb
Vanadium	51-2	207.93	205.16	209.93	207.68	1.15	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	618.86	601.82	616.84	612.51	1.52	ppb
Zirconium	90-1	28.01	27.88	27.57	27.82	0.80	ppb
Zirconium	91-1	27.67	27.41	27.00	27.36	1.25	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-03	Instrumnet Name :	P7
Client Sample ID :	MYD9Q3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:05:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36668.91	36567.70	35926.67	36387.76	1.11	ppb
Antimony	121-1	0.66	0.67	0.63	0.66	3.34	ppb
Arsenic	75-2	38.42	40.11	38.46	38.99	2.47	ppb
Barium	135-1	299.02	298.98	304.05	300.68	0.97	ppb
Barium	137-1	301.54	301.31	302.84	301.90	0.27	ppb
Beryllium	9-1	1.08	0.97	1.00	1.02	5.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.55	0.80	0.71	0.69	17.81	ppb
Cadmium	106-1	2.83	2.97	0.07	1.96	83.61	ppb
Cadmium	111-1	0.57	0.72	0.50	0.60	18.65	ppb
Calcium	43-1	35290.44	35728.89	35464.86	35494.73	0.62	ppb
Calcium	44-1	33837.94	33983.74	34029.07	33950.25	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.95	66.33	66.31	66.53	0.55	ppb
Cobalt	59-2	39.88	39.81	39.57	39.75	0.40	ppb
Copper	63-2	110.65	111.36	109.24	110.41	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	83971.45	82995.01	81897.95	82954.80	1.25	ppb
Iron	57-2	87863.00	87258.59	86672.11	87264.57	0.68	ppb
Iron	54-2	83798.70	82624.01	82839.98	83087.56	0.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-03	Instrumnet Name :	P7
Client Sample ID :	MYD9Q3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:05:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.60	26.54	26.44	26.52	0.31	ppb
Lead	207-1	23.11	23.35	23.60	23.36	1.05	ppb
Lead	208-1	24.09	24.46	24.58	24.38	1.06	ppb
Lithium	6-1				104		%
Magnesium	24-2	18120.63	17970.34	18526.76	18205.91	1.58	ppb
Manganese	55-2	1751.62	1739.85	1738.09	1743.19	0.42	ppb
Molybdenum	94-1	4.15	4.08	4.30	4.18	2.59	ppb
Molybdenum	95-1	1.00	1.08	1.11	1.06	5.27	ppb
Molybdenum	96-1	1.93	1.94	1.98	1.95	1.26	ppb
Molybdenum	97-1	1.10	0.99	1.05	1.05	5.26	ppb
Molybdenum	98-1	1.00	0.97	1.08	1.02	5.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.73	54.87	56.09	55.90	1.69	ppb
Phosphorus	31-2	4654.64	4444.33	4571.23	4556.74	2.32	ppb
Potassium	39-2	6906.31	6820.44	6837.30	6854.68	0.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	1.07	1.56	2.31	1.64	37.96	ppb
Selenium	77-2	8.45	7.37	9.71	8.51	13.76	ppb
Selenium	78-2	2.55	-0.12	0.15	0.86	170.18	ppb
Silicon	28-1	2211.10	2266.14	2236.68	2237.97	1.23	ppb
Silver	107-1	0.17	0.19	0.21	0.19	11.90	ppb
Silver	109-1	0.18	0.19	0.18	0.19	3.20	ppb
Sodium	23-2	514.61	510.15	507.11	510.62	0.74	ppb
Strontium	86-1	92.03	90.62	92.78	91.81	1.20	ppb
Strontium	88-1	91.64	91.39	93.07	92.03	0.98	ppb
Sulfur	34-1	524.83	500.53	369.79	465.05	17.93	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.27	0.34	0.31	0.30	11.50	ppb
Thallium	205-1	0.27	0.30	0.31	0.29	6.73	ppb
Tin	118-1	6.25	6.34	6.52	6.37	2.17	ppb
Titanium	47-1	951.81	964.52	959.11	958.48	0.67	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-03	Instrumnet Name :	P7
Client Sample ID :	MYD9Q3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:05:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.50	1.57	1.58	1.55	2.77	ppb
Vanadium	51-2	165.30	164.34	164.78	164.80	0.29	ppb
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	372.01	369.43	369.99	370.48	0.37	ppb
Zirconium	90-1	1.93	1.99	2.02	1.98	2.38	ppb
Zirconium	91-1	1.83	1.90	2.19	1.97	9.56	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-04	Instrumnet Name :	P7
Client Sample ID :	MYD9Q4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:08:30	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53756.99	53384.76	50937.16	52692.97	2.91	ppb
Antimony	121-1	1.62	1.77	1.65	1.68	4.75	ppb
Arsenic	75-2	151.03	147.61	144.71	147.78	2.14	ppb
Barium	135-1	894.52	909.86	904.49	902.96	0.86	ppb
Barium	137-1	897.65	912.40	911.80	907.28	0.92	ppb
Beryllium	9-1	1.81	1.54	1.61	1.65	8.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.45	3.31	4.14	3.30	25.59	ppb
Cadmium	106-1	6.72	6.55	4.55	5.94	20.31	ppb
Cadmium	111-1	0.95	1.04	0.82	0.93	12.10	ppb
Calcium	43-1	128894.38	130172.87	131121.71	130062.99	0.86	ppb
Calcium	44-1	121932.68	124593.08	124096.64	123540.80	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.65	115.70	113.49	114.28	1.08	ppb
Cobalt	59-2	57.45	58.61	56.58	57.55	1.78	ppb
Copper	63-2	156.45	156.73	155.51	156.23	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				108		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	103247.58	106535.25	102798.00	104193.61	1.96	ppb
Iron	57-2	103056.76	104566.09	102608.31	103410.39	0.99	ppb
Iron	54-2	105412.54	104730.61	102812.66	104318.60	1.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-04	Instrumnet Name :	P7
Client Sample ID :	MYD9Q4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:08:30	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.46	32.91	32.95	32.77	0.83	ppb
Lead	207-1	31.34	31.75	31.59	31.56	0.64	ppb
Lead	208-1	31.84	32.04	32.14	32.01	0.47	ppb
Lithium	6-1				102		%
Magnesium	24-2	29914.78	30739.23	29919.90	30191.30	1.57	ppb
Manganese	55-2	2246.50	2270.25	2221.71	2246.16	1.08	ppb
Molybdenum	94-1	38.58	39.61	38.48	38.89	1.60	ppb
Molybdenum	95-1	0.91	0.90	0.87	0.89	2.13	ppb
Molybdenum	96-1	5.47	5.68	5.39	5.52	2.73	ppb
Molybdenum	97-1	0.78	0.86	1.04	0.89	14.88	ppb
Molybdenum	98-1	0.87	0.89	0.85	0.87	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.37	159.03	157.58	158.33	0.46	ppb
Phosphorus	31-2	3565.06	3486.52	3409.34	3486.97	2.23	ppb
Potassium	39-2	7596.49	7604.96	7455.04	7552.16	1.12	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	2.09	2.38	1.99	2.15	9.44	ppb
Selenium	77-2	17.47	18.99	13.69	16.72	16.34	ppb
Selenium	78-2	0.35	1.18	1.04	0.86	51.89	ppb
Silicon	28-1	2196.09	2217.69	2188.90	2200.89	0.68	ppb
Silver	107-1	0.25	0.30	0.30	0.29	10.02	ppb
Silver	109-1	0.23	0.29	0.25	0.26	11.06	ppb
Sodium	23-2	353.82	353.80	355.31	354.31	0.24	ppb
Strontium	86-1	247.30	255.12	251.28	251.23	1.56	ppb
Strontium	88-1	248.68	255.10	250.00	251.26	1.35	ppb
Sulfur	34-1	97.38	9.84	22.51	43.24	109.41	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.42	0.51	0.50	0.48	10.01	ppb
Thallium	205-1	0.46	0.48	0.49	0.48	3.18	ppb
Tin	118-1	8.85	8.96	9.25	9.02	2.30	ppb
Titanium	47-1	1041.77	1056.79	1050.15	1049.57	0.72	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-04	Instrumnet Name :	P7
Client Sample ID :	MYD9Q4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:08:30	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.31	1.29	1.29	1.34	ppb
Vanadium	51-2	211.59	213.45	206.70	210.58	1.66	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	309.38	313.36	310.35	311.03	0.67	ppb
Zirconium	90-1	21.89	22.77	22.31	22.32	1.99	ppb
Zirconium	91-1	21.84	22.57	22.07	22.16	1.70	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-05	Instrumnet Name :	P7
Client Sample ID :	MYD9Q5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:11:53	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51873.99	51880.89	50589.16	51448.01	1.45	ppb
Antimony	121-1	4.12	4.07	4.00	4.06	1.52	ppb
Arsenic	75-2	175.02	176.58	172.72	174.77	1.11	ppb
Barium	135-1	937.55	935.18	946.70	939.81	0.65	ppb
Barium	137-1	942.80	932.16	946.00	940.32	0.77	ppb
Beryllium	9-1	1.82	1.91	1.69	1.81	6.06	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.87	3.49	3.06	3.14	10.12	ppb
Cadmium	106-1	6.21	6.59	6.66	6.49	3.73	ppb
Cadmium	111-1	0.96	0.97	1.03	0.98	4.18	ppb
Calcium	43-1	119822.04	119419.33	120570.58	119937.32	0.49	ppb
Calcium	44-1	112554.68	113082.47	115049.60	113562.25	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117.29	117.77	116.79	117.29	0.42	ppb
Cobalt	59-2	62.82	63.28	62.87	62.99	0.40	ppb
Copper	63-2	164.41	166.93	164.05	165.13	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				106		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	113240.45	113986.40	112468.04	113231.63	0.67	ppb
Iron	57-2	111872.24	115630.56	113254.24	113585.68	1.67	ppb
Iron	54-2	113478.01	111966.44	112266.19	112570.21	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-05	Instrumnet Name :	P7
Client Sample ID :	MYD9Q5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:11:53	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.02	34.73	35.49	35.08	1.09	ppb
Lead	207-1	33.96	34.28	33.62	33.95	0.97	ppb
Lead	208-1	34.15	34.18	34.37	34.23	0.35	ppb
Lithium	6-1				100		%
Magnesium	24-2	30469.60	30577.29	29538.17	30195.02	1.89	ppb
Manganese	55-2	2668.45	2686.58	2649.02	2668.02	0.70	ppb
Molybdenum	94-1	41.98	40.64	43.13	41.92	2.97	ppb
Molybdenum	95-1	1.14	1.16	1.24	1.18	4.30	ppb
Molybdenum	96-1	6.16	6.23	6.45	6.28	2.44	ppb
Molybdenum	97-1	1.13	1.06	1.22	1.13	7.04	ppb
Molybdenum	98-1	1.06	1.08	1.14	1.09	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	168.38	167.54	167.82	167.91	0.25	ppb
Phosphorus	31-2	3528.32	3576.42	3370.43	3491.72	3.09	ppb
Potassium	39-2	7244.74	7345.62	7228.42	7272.92	0.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	1.79	2.26	1.93	1.99	12.03	ppb
Selenium	77-2	23.81	11.24	13.79	16.28	40.81	ppb
Selenium	78-2	6.16	-1.81	2.91	2.42	165.38	ppb
Silicon	28-1	2133.84	2160.67	2166.04	2153.52	0.80	ppb
Silver	107-1	0.26	0.26	0.32	0.28	12.83	ppb
Silver	109-1	0.24	0.28	0.25	0.25	7.89	ppb
Sodium	23-2	310.15	314.30	308.91	311.12	0.91	ppb
Strontium	86-1	248.43	242.28	251.51	247.41	1.90	ppb
Strontium	88-1	248.18	242.47	253.39	248.01	2.20	ppb
Sulfur	34-1	124.34	63.21	-100.45	29.03	400.32	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.45	0.48	0.47	0.47	2.96	ppb
Thallium	205-1	0.45	0.44	0.43	0.44	2.52	ppb
Tin	118-1	3.26	3.41	3.40	3.36	2.41	ppb
Titanium	47-1	1021.11	1025.78	1045.64	1030.84	1.26	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-05	Instrumnet Name :	P7
Client Sample ID :	MYD9Q5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:11:53	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.27	1.34	1.30	2.67	ppb
Vanadium	51-2	231.18	232.08	229.88	231.04	0.48	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	344.13	350.90	349.45	348.16	1.02	ppb
Zirconium	90-1	23.96	23.20	24.31	23.82	2.37	ppb
Zirconium	91-1	23.73	24.06	24.67	24.15	1.97	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-06	Instrumnet Name :	P7
Client Sample ID :	MYD9Q6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:15:19	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32385.24	32499.70	32488.48	32457.80	0.19	ppb
Antimony	121-1	1.37	1.40	1.47	1.41	3.73	ppb
Arsenic	75-2	177.73	169.90	174.32	173.98	2.26	ppb
Barium	135-1	307.41	307.13	306.20	306.91	0.21	ppb
Barium	137-1	306.69	306.02	309.43	307.38	0.59	ppb
Beryllium	9-1	1.53	1.29	1.27	1.36	10.67	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.17	2.50	1.64	1.77	38.04	ppb
Cadmium	106-1	3.12	2.38	0.55	2.02	65.47	ppb
Cadmium	111-1	0.51	0.48	0.30	0.43	26.70	ppb
Calcium	43-1	13764.55	13926.00	13888.11	13859.55	0.61	ppb
Calcium	44-1	14053.30	14053.50	14058.62	14055.14	0.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.13	91.24	93.49	92.62	1.31	ppb
Cobalt	59-2	53.71	52.70	53.85	53.42	1.18	ppb
Copper	63-2	119.83	119.60	123.69	121.04	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	106986.05	106476.90	108171.72	107211.56	0.81	ppb
Iron	57-2	105791.42	102892.82	107182.07	105288.77	2.08	ppb
Iron	54-2	108353.48	106951.93	107705.35	107670.25	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-06	Instrumnet Name :	P7
Client Sample ID :	MYD9Q6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:15:19	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.62	32.16	32.55	32.44	0.77	ppb
Lead	207-1	29.29	29.69	29.75	29.58	0.85	ppb
Lead	208-1	30.53	30.34	30.45	30.44	0.32	ppb
Lithium	6-1				102		%
Magnesium	24-2	16931.52	16822.04	17050.42	16934.66	0.67	ppb
Manganese	55-2	2542.44	2518.03	2566.71	2542.40	0.96	ppb
Molybdenum	94-1	17.01	16.81	17.72	17.18	2.81	ppb
Molybdenum	95-1	1.04	1.00	1.03	1.02	1.99	ppb
Molybdenum	96-1	3.41	3.46	3.53	3.47	1.63	ppb
Molybdenum	97-1	1.03	0.96	0.99	1.00	3.89	ppb
Molybdenum	98-1	0.87	0.88	1.02	0.93	9.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.54	77.61	79.59	78.58	1.27	ppb
Phosphorus	31-2	2074.49	2032.33	2064.52	2057.11	1.07	ppb
Potassium	39-2	7550.22	7451.35	7646.98	7549.52	1.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	0.33	0.65	1.02	0.67	51.54	ppb
Selenium	77-2	6.13	14.55	9.90	10.20	41.35	ppb
Selenium	78-2	1.99	-0.21	2.79	1.53	101.70	ppb
Silicon	28-1	2129.03	2161.38	2150.92	2147.11	0.77	ppb
Silver	107-1	0.12	0.13	0.12	0.12	2.50	ppb
Silver	109-1	0.13	0.17	0.15	0.15	11.89	ppb
Sodium	23-2	314.53	317.46	326.70	319.56	1.99	ppb
Strontium	86-1	69.46	68.02	69.43	68.97	1.20	ppb
Strontium	88-1	69.82	67.89	70.03	69.25	1.71	ppb
Sulfur	34-1	-353.16	-477.35	-616.22	-482.25		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.28	0.32	0.32	0.31	8.68	ppb
Thallium	205-1	0.29	0.27	0.29	0.28	4.38	ppb
Tin	118-1	2.86	2.72	2.71	2.76	2.88	ppb
Titanium	47-1	1023.61	1032.10	1031.58	1029.10	0.46	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-06	Instrumnet Name :	P7
Client Sample ID :	MYD9Q6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:15:19	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.50	1.51	1.47	1.50	1.31	ppb
Vanadium	51-2	216.76	212.77	218.37	215.97	1.34	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	198.12	199.37	203.14	200.21	1.31	ppb
Zirconium	90-1	9.30	9.28	9.41	9.33	0.75	ppb
Zirconium	91-1	9.31	9.08	9.45	9.28	2.02	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-07	Instrumnet Name :	P7
Client Sample ID :	MYD9Q7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:18:46	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37398.68	36854.23	36708.49	36987.13	0.98	ppb
Antimony	121-1	0.76	0.73	0.71	0.74	3.53	ppb
Arsenic	75-2	40.55	42.51	40.67	41.24	2.67	ppb
Barium	135-1	278.08	274.79	275.93	276.27	0.60	ppb
Barium	137-1	277.05	278.24	273.92	276.40	0.81	ppb
Beryllium	9-1	1.05	1.09	1.10	1.08	2.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.97	0.78	1.01	0.92	13.53	ppb
Cadmium	106-1	3.80	0.80	-0.47	1.37	159.47	ppb
Cadmium	111-1	0.50	0.28	0.22	0.33	43.21	ppb
Calcium	43-1	15507.22	15793.53	15521.28	15607.34	1.03	ppb
Calcium	44-1	15765.47	16015.31	15898.88	15893.22	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.26	54.48	53.71	53.81	1.15	ppb
Cobalt	59-2	43.40	44.05	43.85	43.77	0.77	ppb
Copper	63-2	136.84	138.58	135.97	137.13	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	93453.43	93348.89	93457.34	93419.89	0.07	ppb
Iron	57-2	97068.00	98158.53	97152.57	97459.70	0.62	ppb
Iron	54-2	93076.73	93761.94	92541.74	93126.80	0.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-07	Instrumnet Name :	P7
Client Sample ID :	MYD9Q7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:18:46	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.12	24.71	24.59	24.47	1.27	ppb
Lead	207-1	18.78	18.62	19.01	18.81	1.05	ppb
Lead	208-1	20.63	20.84	20.73	20.73	0.51	ppb
Lithium	6-1				104		%
Magnesium	24-2	19093.59	19311.18	18983.00	19129.25	0.87	ppb
Manganese	55-2	1990.12	1996.64	1987.57	1991.44	0.23	ppb
Molybdenum	94-1	13.28	13.01	13.09	13.13	1.07	ppb
Molybdenum	95-1	0.96	0.94	0.96	0.95	1.22	ppb
Molybdenum	96-1	2.86	2.77	2.93	2.85	2.71	ppb
Molybdenum	97-1	0.90	0.86	0.91	0.89	2.92	ppb
Molybdenum	98-1	0.89	0.89	0.92	0.90	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.84	43.72	41.65	42.07	3.53	ppb
Phosphorus	31-2	2619.74	2671.21	2600.24	2630.40	1.39	ppb
Potassium	39-2	10915.79	11057.54	10937.45	10970.26	0.70	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	0.36	1.36	0.54	0.75	71.23	ppb
Selenium	77-2	18.24	13.49	4.91	12.21	55.32	ppb
Selenium	78-2	0.87	1.99	2.36	1.74	44.72	ppb
Silicon	28-1	2062.28	2039.99	2068.64	2056.97	0.73	ppb
Silver	107-1	0.10	0.13	0.12	0.11	12.74	ppb
Silver	109-1	0.11	0.13	0.15	0.13	14.61	ppb
Sodium	23-2	375.18	377.52	381.69	378.13	0.87	ppb
Strontium	86-1	83.50	84.72	83.84	84.02	0.75	ppb
Strontium	88-1	83.95	84.85	84.29	84.36	0.54	ppb
Sulfur	34-1	-676.23	-776.45	-718.84	-723.84		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.15	0.14	0.14	0.14	1.92	ppb
Thallium	205-1	0.12	0.10	0.13	0.12	12.27	ppb
Tin	118-1	3.69	3.61	3.65	3.65	1.08	ppb
Titanium	47-1	2057.78	2079.90	2084.99	2074.22	0.70	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-07	Instrumnet Name :	P7
Client Sample ID :	MYD9Q7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:18:46	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.09	2.18	2.10	2.12	2.37	ppb
Vanadium	51-2	157.08	159.04	158.04	158.05	0.62	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	228.71	231.34	232.12	230.72	0.77	ppb
Zirconium	90-1	7.15	7.20	7.24	7.20	0.64	ppb
Zirconium	91-1	7.20	7.09	6.94	7.08	1.83	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-08	Instrumnet Name :	P7
Client Sample ID :	MYD9Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:22:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50826.04	50462.33	49894.65	50394.34	0.93	ppb
Antimony	121-1	3.53	3.50	3.45	3.50	1.10	ppb
Arsenic	75-2	168.23	164.81	162.93	165.32	1.63	ppb
Barium	135-1	856.94	873.76	867.70	866.14	0.98	ppb
Barium	137-1	856.99	870.87	866.66	864.84	0.82	ppb
Beryllium	9-1	1.92	1.48	1.28	1.56	20.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.54	3.21	1.98	2.57	23.94	ppb
Cadmium	106-1	4.55	5.17	7.44	5.72	26.57	ppb
Cadmium	111-1	0.96	0.85	1.05	0.96	10.46	ppb
Calcium	43-1	105660.25	104796.38	105293.22	105249.95	0.41	ppb
Calcium	44-1	100588.36	97976.63	100361.63	99642.21	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117.32	119.67	117.28	118.09	1.16	ppb
Cobalt	59-2	67.21	67.43	67.73	67.46	0.39	ppb
Copper	63-2	160.80	163.20	161.04	161.68	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	115187.49	116570.78	116930.03	116229.43	0.79	ppb
Iron	57-2	114735.97	115454.80	116039.54	115410.10	0.57	ppb
Iron	54-2	113078.04	117664.83	114135.91	114959.59	2.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-08	Instrumnet Name :	P7
Client Sample ID :	MYD9Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:22:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.34	34.98	35.39	35.57	1.96	ppb
Lead	207-1	35.31	33.55	34.59	34.48	2.58	ppb
Lead	208-1	35.29	34.34	34.92	34.85	1.38	ppb
Lithium	6-1				99		%
Magnesium	24-2	30939.53	31252.17	30560.06	30917.25	1.12	ppb
Manganese	55-2	2671.34	2762.77	2718.20	2717.44	1.68	ppb
Molybdenum	94-1	40.40	40.41	41.27	40.70	1.23	ppb
Molybdenum	95-1	0.97	1.15	0.93	1.02	11.24	ppb
Molybdenum	96-1	5.88	6.01	5.95	5.95	1.10	ppb
Molybdenum	97-1	0.99	0.88	0.76	0.88	13.33	ppb
Molybdenum	98-1	0.87	0.98	0.94	0.93	5.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.65	156.06	157.60	157.44	0.83	ppb
Phosphorus	31-2	3418.20	3393.54	3350.44	3387.39	1.01	ppb
Potassium	39-2	6564.55	6645.85	6543.00	6584.46	0.82	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	3.01	2.58	1.55	2.38	31.46	ppb
Selenium	77-2	11.23	14.91	12.42	12.85	14.64	ppb
Selenium	78-2	0.35	1.04	1.75	1.04	67.10	ppb
Silicon	28-1	2024.78	1995.08	1991.56	2003.81	0.91	ppb
Silver	107-1	0.21	0.23	0.22	0.22	4.13	ppb
Silver	109-1	0.22	0.22	0.22	0.22	1.11	ppb
Sodium	23-2	294.65	300.31	294.29	296.42	1.14	ppb
Strontium	86-1	244.52	247.57	246.65	246.25	0.63	ppb
Strontium	88-1	243.95	247.49	246.23	245.89	0.73	ppb
Sulfur	34-1	-331.40	-398.10	-472.93	-400.81		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.42	0.41	0.40	0.41	2.47	ppb
Thallium	205-1	0.40	0.38	0.42	0.40	4.18	ppb
Tin	118-1	5.53	5.43	5.79	5.58	3.26	ppb
Titanium	47-1	1065.66	1059.27	1048.74	1057.89	0.81	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-08	Instrumnet Name :	P7
Client Sample ID :	MYD9Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:22:15	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.30	1.26	1.33	1.30	2.91	ppb
Vanadium	51-2	241.58	243.57	239.33	241.49	0.88	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	470.29	478.39	468.94	472.54	1.08	ppb
Zirconium	90-1	23.06	23.22	23.28	23.19	0.50	ppb
Zirconium	91-1	22.57	22.63	23.47	22.89	2.19	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-09	Instrumnet Name :	P7
Client Sample ID :	MYD9Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:25:39	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58089.70	58865.92	57107.67	58021.10	1.52	ppb
Antimony	121-1	2.71	2.80	2.70	2.74	2.01	ppb
Arsenic	75-2	163.36	159.84	164.45	162.55	1.48	ppb
Barium	135-1	1352.80	1357.82	1350.94	1353.85	0.26	ppb
Barium	137-1	1354.64	1359.40	1359.39	1357.81	0.20	ppb
Beryllium	9-1	2.15	1.88	2.00	2.01	6.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.77	2.43	2.55	2.58	6.80	ppb
Cadmium	106-1	6.97	4.81	6.39	6.06	18.39	ppb
Cadmium	111-1	0.86	0.73	0.89	0.83	10.62	ppb
Calcium	43-1	29723.92	29992.27	30087.48	29934.55	0.63	ppb
Calcium	44-1	27780.44	28278.22	28841.66	28300.10	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.80	122.90	120.67	121.45	1.03	ppb
Cobalt	59-2	61.58	62.06	60.19	61.28	1.58	ppb
Copper	63-2	139.42	140.95	138.31	139.56	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				109		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	119997.12	120633.57	118541.90	119724.20	0.90	ppb
Iron	57-2	118135.04	119876.36	116889.98	118300.46	1.27	ppb
Iron	54-2	119297.29	119398.18	117755.17	118816.88	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-09	Instrumnet Name :	P7
Client Sample ID :	MYD9Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:25:39	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.13	29.67	29.36	29.39	0.92	ppb
Lead	207-1	27.69	28.23	28.04	27.99	0.98	ppb
Lead	208-1	28.50	28.96	28.55	28.67	0.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	30354.52	30780.13	30366.97	30500.54	0.79	ppb
Manganese	55-2	2877.87	2915.04	2825.56	2872.82	1.56	ppb
Molybdenum	94-1	45.79	45.90	46.02	45.90	0.25	ppb
Molybdenum	95-1	0.91	0.77	0.84	0.84	8.39	ppb
Molybdenum	96-1	6.29	6.49	6.44	6.41	1.60	ppb
Molybdenum	97-1	0.79	0.75	0.80	0.78	3.03	ppb
Molybdenum	98-1	0.72	0.82	0.76	0.77	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	173.77	171.58	170.60	171.98	0.94	ppb
Phosphorus	31-2	3091.69	3182.79	3222.10	3165.53	2.11	ppb
Potassium	39-2	7233.63	7287.25	7156.84	7225.91	0.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				117		%
Selenium	82-1	2.32	2.33	1.77	2.14	14.91	ppb
Selenium	77-2	14.21	26.24	21.37	20.61	29.36	ppb
Selenium	78-2	-0.02	-0.31	4.45	1.37	194.49	ppb
Silicon	28-1	1986.29	1986.69	1981.83	1984.94	0.14	ppb
Silver	107-1	0.17	0.21	0.21	0.20	12.36	ppb
Silver	109-1	0.18	0.16	0.17	0.17	5.33	ppb
Sodium	23-2	276.00	279.43	274.96	276.80	0.85	ppb
Strontium	86-1	202.63	201.31	201.32	201.75	0.38	ppb
Strontium	88-1	202.06	202.20	202.10	202.12	0.04	ppb
Sulfur	34-1	-702.66	-842.81	-1018.10	-854.52		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.42	0.46	0.45	0.44	4.21	ppb
Thallium	205-1	0.41	0.44	0.42	0.42	2.99	ppb
Tin	118-1	3.89	4.15	4.14	4.06	3.59	ppb
Titanium	47-1	1049.39	1073.69	1064.88	1062.65	1.16	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-09	Instrumnet Name :	P7
Client Sample ID :	MYD9Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:25:39	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.17	1.13	1.15	1.76	ppb
Vanadium	51-2	230.35	233.38	230.69	231.47	0.72	ppb
Yttrium	89-1				113		%
Yttrium	89-2				115		%
Zinc	66-2	204.99	209.18	207.83	207.33	1.03	ppb
Zirconium	90-1	26.43	26.76	26.55	26.58	0.63	ppb
Zirconium	91-1	25.45	26.62	25.71	25.92	2.36	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:29:04	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48013.09	48258.97	48159.79	48143.95	0.26	ppb
Antimony	121-1	492.99	489.21	491.69	491.30	0.39	ppb
Arsenic	75-2	509.23	518.39	510.30	512.64	0.98	ppb
Barium	135-1	2454.31	2416.50	2437.13	2435.98	0.78	ppb
Barium	137-1	2551.13	2527.69	2567.35	2548.72	0.78	ppb
Beryllium	9-1	529.67	527.73	533.09	530.16	0.51	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	492.47	482.14	470.87	481.82	2.24	ppb
Cadmium	106-1	498.41	486.79	494.51	493.24	1.20	ppb
Cadmium	111-1	488.56	480.47	486.52	485.18	0.87	ppb
Calcium	43-1	275331.29	274267.39	275159.41	274919.36	0.21	ppb
Calcium	44-1	261184.30	258034.47	260449.29	259889.36	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.22	524.83	519.74	518.93	1.22	ppb
Cobalt	59-2	532.30	545.13	533.99	537.14	1.30	ppb
Copper	63-2	5278.76	5294.87	5267.52	5280.38	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	134219.42	135257.25	133015.71	134164.13	0.84	ppb
Iron	57-2	131536.25	132910.99	132991.64	132479.63	0.62	ppb
Iron	54-2	132543.29	135905.09	134283.73	134244.04	1.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:29:04	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2696.00	2704.43	2687.25	2695.89	0.32	ppb
Lead	207-1	2712.24	2685.35	2679.29	2692.29	0.65	ppb
Lead	208-1	2686.41	2674.29	2675.22	2678.64	0.25	ppb
Lithium	6-1				90		%
Magnesium	24-2	236904.35	241053.97	239634.97	239197.76	0.88	ppb
Manganese	55-2	5187.80	5278.30	5148.17	5204.76	1.28	ppb
Molybdenum	94-1	5433.17	5185.82	5238.71	5285.90	2.46	ppb
Molybdenum	95-1	5304.65	5195.60	5186.47	5228.91	1.26	ppb
Molybdenum	96-1	5311.66	5152.44	5220.85	5228.32	1.53	ppb
Molybdenum	97-1	5378.72	5166.72	5250.15	5265.20	2.03	ppb
Molybdenum	98-1	5334.78	5148.67	5171.53	5218.33	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.82	538.18	530.98	532.66	0.92	ppb
Phosphorus	31-2	9565.00	9830.15	10084.18	9826.44	2.64	ppb
Potassium	39-2	126216.98	128506.70	124284.55	126336.07	1.67	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	507.68	478.93	479.39	488.67	3.37	ppb
Selenium	77-2	558.51	520.34	552.97	543.94	3.79	ppb
Selenium	78-2	479.37	477.94	492.80	483.37	1.70	ppb
Silicon	28-1	536.07	544.01	539.67	539.91	0.74	ppb
Silver	107-1	474.80	471.41	474.28	473.50	0.39	ppb
Silver	109-1	479.87	473.34	473.74	475.65	0.77	ppb
Sodium	23-2	243490.38	245835.72	247313.29	245546.46	0.79	ppb
Strontium	86-1	13319.65	12757.49	12833.97	12970.37	2.35	ppb
Strontium	88-1	13376.40	12927.04	12849.10	13050.85	2.18	ppb
Sulfur	34-1	10995.50	10871.04	10802.87	10889.80	0.90	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	500.45	499.11	499.48	499.68	0.14	ppb
Thallium	205-1	536.81	543.55	528.07	536.14	1.45	ppb
Tin	118-1	495.51	491.24	492.44	493.06	0.45	ppb
Titanium	47-1	5278.45	5261.96	5203.44	5247.95	0.75	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:29:04	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	556.77	542.09	552.17	550.35	1.36	ppb
Vanadium	51-2	519.39	529.46	522.18	523.68	0.99	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	5161.19	5230.04	5178.63	5189.95	0.69	ppb
Zirconium	90-1	533.53	517.89	517.32	522.91	1.76	ppb
Zirconium	91-1	533.36	508.83	514.87	519.02	2.46	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:35:41	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.39	-2.47	-2.57	-2.48		ppb
Antimony	121-1	0.11	0.09	0.11	0.10	10.27	ppb
Arsenic	75-2	0.04	0.04	0.00	0.03	86.61	ppb
Barium	135-1	0.02	0.00	0.01	0.01	115.05	ppb
Barium	137-1	0.04	0.04	0.03	0.04	5.35	ppb
Beryllium	9-1	0.09	0.06	0.08	0.08	17.32	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	0.03	-0.06	-0.03		ppb
Cadmium	106-1	0.81	-0.77	-2.73	-0.90		ppb
Cadmium	111-1	0.07	-0.05	-0.19	-0.06		ppb
Calcium	43-1	-15.47	-15.52	-14.58	-15.19		ppb
Calcium	44-1	5.85	2.22	1.39	3.15	75.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	0.00	0.01	140.34	ppb
Cobalt	59-2	-0.01	-0.01	0.02	0.00	11081.91	ppb
Copper	63-2	0.30	0.39	0.40	0.36	15.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	5.58	5.72	5.23	5.51	4.55	ppb
Iron	57-2	3.62	6.24	0.23	3.36	89.55	ppb
Iron	54-2	5.76	6.35	5.48	5.86	7.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:35:41	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.12	0.10	0.13	27.90	ppb
Lead	207-1	0.10	0.11	0.13	0.11	8.95	ppb
Lead	208-1	0.13	0.11	0.11	0.12	10.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.19	1.47	0.63	1.10	39.00	ppb
Manganese	55-2	0.07	0.17	0.10	0.11	45.13	ppb
Molybdenum	94-1	0.11	0.13	0.11	0.12	11.39	ppb
Molybdenum	95-1	0.11	0.12	0.11	0.11	4.63	ppb
Molybdenum	96-1	0.12	0.15	0.13	0.13	10.84	ppb
Molybdenum	97-1	0.12	0.11	0.12	0.12	4.32	ppb
Molybdenum	98-1	0.17	0.12	0.08	0.12	36.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.17	0.05	-0.07		ppb
Phosphorus	31-2	-18.38	-24.96	-6.65	-16.66		ppb
Potassium	39-2	-0.15	8.06	5.94	4.62	92.31	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.79	0.52	0.74	0.68	20.77	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.67	-4.03	-0.40	-2.04		ppb
Silicon	28-1	-2.16	-2.25	-1.68	-2.03		ppb
Silver	107-1	0.03	0.01	0.03	0.02	45.18	ppb
Silver	109-1	0.04	0.04	0.01	0.03	44.16	ppb
Sodium	23-2	35.66	39.54	35.90	37.03	5.88	ppb
Strontium	86-1	0.19	0.10	0.16	0.15	30.59	ppb
Strontium	88-1	0.25	0.18	0.14	0.19	30.24	ppb
Sulfur	34-1	167.07	22.73	375.89	188.56	94.17	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.06	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.25	ppb
Tin	118-1	-0.03	0.00	0.00	-0.01		ppb
Titanium	47-1	0.21	0.04	0.13	0.13	68.15	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:35:41	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	29.33	ppb
Vanadium	51-2	0.02	0.00	0.01	0.01	116.06	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	-0.11	0.01	-0.25	-0.11		ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	5.41	ppb
Zirconium	91-1	0.07	0.03	0.02	0.04	58.37	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-10	Instrumnet Name :	P7
Client Sample ID :	MYD9R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:39:10	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55277.52	54575.02	54992.55	54948.36	0.64	ppb
Antimony	121-1	2.41	2.33	2.14	2.29	5.98	ppb
Arsenic	75-2	157.43	160.15	157.58	158.39	0.96	ppb
Barium	135-1	1030.23	993.41	992.09	1005.24	2.15	ppb
Barium	137-1	1027.78	989.52	985.84	1001.05	2.32	ppb
Beryllium	9-1	2.16	1.78	1.86	1.93	10.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.95	3.97	4.13	4.02	2.46	ppb
Cadmium	106-1	8.98	5.86	7.06	7.30	21.52	ppb
Cadmium	111-1	1.51	1.33	1.30	1.38	8.13	ppb
Calcium	43-1	97782.56	97118.53	97132.58	97344.55	0.39	ppb
Calcium	44-1	93605.26	92166.75	92308.85	92693.62	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.66	120.28	119.40	120.45	0.94	ppb
Cobalt	59-2	77.05	76.71	76.43	76.73	0.41	ppb
Copper	63-2	219.79	216.72	217.48	218.00	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	118821.11	116332.97	116393.39	117182.49	1.21	ppb
Iron	57-2	117637.25	116202.83	116898.63	116912.90	0.61	ppb
Iron	54-2	118216.57	116877.61	117130.22	117408.13	0.61	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-10	Instrumnet Name :	P7
Client Sample ID :	MYD9R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:39:10	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.04	49.05	49.62	49.57	1.00	ppb
Lead	207-1	48.14	48.15	47.67	47.99	0.57	ppb
Lead	208-1	49.00	48.49	48.54	48.68	0.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	33344.49	32722.23	32942.27	33003.00	0.96	ppb
Manganese	55-2	3117.07	3074.65	3015.23	3068.99	1.67	ppb
Molybdenum	94-1	49.69	48.32	50.04	49.35	1.83	ppb
Molybdenum	95-1	1.06	0.93	1.07	1.02	7.59	ppb
Molybdenum	96-1	6.80	6.70	6.73	6.74	0.80	ppb
Molybdenum	97-1	1.03	0.83	1.06	0.97	12.58	ppb
Molybdenum	98-1	0.91	0.96	1.01	0.96	5.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	171.78	164.05	169.46	168.43	2.35	ppb
Phosphorus	31-2	3501.66	3467.91	3601.19	3523.58	1.97	ppb
Potassium	39-2	7236.22	7132.78	7202.19	7190.40	0.73	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				117		%
Selenium	82-1	2.15	0.38	2.33	1.62	66.79	ppb
Selenium	77-2	8.38	18.11	12.00	12.83	38.34	ppb
Selenium	78-2	-1.67	3.60	0.76	0.90	293.61	ppb
Silicon	28-1	2070.11	2003.42	1954.57	2009.36	2.89	ppb
Silver	107-1	0.41	0.40	0.41	0.40	0.66	ppb
Silver	109-1	0.41	0.38	0.36	0.38	7.54	ppb
Sodium	23-2	334.71	332.08	334.59	333.79	0.44	ppb
Strontium	86-1	228.07	222.44	230.99	227.17	1.91	ppb
Strontium	88-1	226.93	225.08	229.12	227.05	0.89	ppb
Sulfur	34-1	35.86	-209.97	-246.78	-140.30		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.61	0.65	0.61	0.62	3.98	ppb
Thallium	205-1	0.59	0.60	0.60	0.60	0.94	ppb
Tin	118-1	3.86	3.60	3.68	3.71	3.53	ppb
Titanium	47-1	1114.38	1079.93	1088.58	1094.29	1.64	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-10	Instrumnet Name :	P7
Client Sample ID :	MYD9R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:39:10	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.39	1.39	1.32	1.36	2.83	ppb
Vanadium	51-2	234.29	229.40	229.11	230.93	1.26	ppb
Yttrium	89-1				111		%
Yttrium	89-2				114		%
Zinc	66-2	243.23	238.55	239.83	240.54	1.00	ppb
Zirconium	90-1	28.05	27.82	28.09	27.99	0.51	ppb
Zirconium	91-1	28.04	27.24	27.68	27.65	1.46	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-11	Instrumnet Name :	P7
Client Sample ID :	MYD9R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:42:35	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34888.80	34647.31	36618.95	35385.02	3.04	ppb
Antimony	121-1	2.84	2.96	2.98	2.93	2.42	ppb
Arsenic	75-2	172.47	170.93	173.81	172.40	0.84	ppb
Barium	135-1	458.87	462.79	457.16	459.61	0.63	ppb
Barium	137-1	461.21	459.15	458.09	459.48	0.34	ppb
Beryllium	9-1	1.45	1.86	1.64	1.65	12.28	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.35	3.53	3.33	3.74	14.54	ppb
Cadmium	106-1	7.82	5.13	4.68	5.88	28.87	ppb
Cadmium	111-1	1.62	1.42	1.40	1.48	8.25	ppb
Calcium	43-1	8582.90	8620.69	8773.14	8658.91	1.16	ppb
Calcium	44-1	8785.26	8892.46	8802.97	8826.89	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.59	118.99	123.10	121.56	1.84	ppb
Cobalt	59-2	55.54	55.09	57.19	55.94	1.97	ppb
Copper	63-2	236.27	235.59	240.04	237.30	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				115		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	127421.94	124611.22	127755.20	126596.12	1.36	ppb
Iron	57-2	126601.20	124277.52	126295.90	125724.87	1.00	ppb
Iron	54-2	124789.46	125057.86	127932.46	125926.59	1.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-11	Instrumnet Name :	P7
Client Sample ID :	MYD9R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:42:35	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.09	61.47	61.43	61.00	1.29	ppb
Lead	207-1	59.81	60.83	61.30	60.65	1.26	ppb
Lead	208-1	59.75	60.96	61.01	60.57	1.18	ppb
Lithium	6-1				107		%
Magnesium	24-2	17419.99	17372.90	17444.82	17412.57	0.21	ppb
Manganese	55-2	2555.76	2543.74	2562.36	2553.96	0.37	ppb
Molybdenum	94-1	34.57	35.44	35.48	35.16	1.46	ppb
Molybdenum	95-1	1.23	1.35	1.28	1.29	4.80	ppb
Molybdenum	96-1	5.82	5.60	5.69	5.70	1.92	ppb
Molybdenum	97-1	1.20	1.22	1.30	1.24	3.95	ppb
Molybdenum	98-1	1.27	1.26	1.35	1.29	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.61	111.99	110.91	111.50	0.49	ppb
Phosphorus	31-2	1962.24	1959.56	2101.43	2007.74	4.04	ppb
Potassium	39-2	9411.54	9361.84	9609.41	9460.93	1.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				119		%
Selenium	82-1	1.04	0.69	1.54	1.09	39.04	ppb
Selenium	77-2	11.87	11.77	7.10	10.24	26.59	ppb
Selenium	78-2	0.68	1.30	1.00	0.99	30.98	ppb
Silicon	28-1	2034.26	2079.17	2049.15	2054.20	1.11	ppb
Silver	107-1	0.43	0.44	0.47	0.44	5.24	ppb
Silver	109-1	0.41	0.43	0.49	0.45	9.65	ppb
Sodium	23-2	271.90	277.26	278.97	276.04	1.34	ppb
Strontium	86-1	67.36	67.80	68.45	67.87	0.80	ppb
Strontium	88-1	67.13	67.44	67.50	67.36	0.29	ppb
Sulfur	34-1	-570.50	-667.94	-749.92	-662.79		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.48	0.55	0.52	0.51	6.82	ppb
Thallium	205-1	0.50	0.51	0.49	0.50	1.87	ppb
Tin	118-1	2.49	2.61	2.49	2.53	2.70	ppb
Titanium	47-1	1055.69	1077.16	1072.62	1068.49	1.06	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-11	Instrumnet Name :	P7
Client Sample ID :	MYD9R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:42:35	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.43	1.41	1.42	1.42	0.40	ppb
Vanadium	51-2	241.64	236.84	246.72	241.73	2.04	ppb
Yttrium	89-1				117		%
Yttrium	89-2				116		%
Zinc	66-2	256.05	247.15	249.26	250.82	1.85	ppb
Zirconium	90-1	19.59	20.14	20.07	19.93	1.49	ppb
Zirconium	91-1	19.65	19.96	20.04	19.88	1.03	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-12	Instrumnet Name :	P7
Client Sample ID :	MYD9R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:45:57	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52912.03	53989.89	53616.70	53506.21	1.02	ppb
Antimony	121-1	1.58	1.56	1.71	1.62	5.20	ppb
Arsenic	75-2	172.70	179.95	183.74	178.80	3.14	ppb
Barium	135-1	557.62	552.57	572.30	560.83	1.83	ppb
Barium	137-1	561.11	555.70	577.03	564.61	1.96	ppb
Beryllium	9-1	2.04	2.07	1.89	2.00	4.72	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.72	3.17	2.48	2.79	12.56	ppb
Cadmium	106-1	3.41	4.73	5.11	4.42	20.27	ppb
Cadmium	111-1	0.75	0.87	0.87	0.83	8.37	ppb
Calcium	43-1	16731.04	16735.00	16644.98	16703.68	0.30	ppb
Calcium	44-1	15692.15	15486.77	16116.97	15765.30	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.24	133.72	131.76	131.91	1.33	ppb
Cobalt	59-2	56.96	58.24	58.27	57.82	1.29	ppb
Copper	63-2	144.98	149.74	146.94	147.22	1.63	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				118		%
Holmium	165-2				119		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	115086.74	118976.39	117076.05	117046.39	1.66	ppb
Iron	57-2	113528.97	116631.95	115738.14	115299.69	1.39	ppb
Iron	54-2	115086.83	118329.70	116814.49	116743.67	1.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-12	Instrumnet Name :	P7
Client Sample ID :	MYD9R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:45:57	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.85	35.90	36.08	35.94	0.34	ppb
Lead	207-1	34.53	34.86	35.00	34.80	0.70	ppb
Lead	208-1	34.88	34.92	35.29	35.03	0.65	ppb
Lithium	6-1				109		%
Magnesium	24-2	24843.78	24883.75	24911.75	24879.76	0.14	ppb
Manganese	55-2	2376.61	2454.78	2431.71	2421.04	1.66	ppb
Molybdenum	94-1	46.76	46.41	47.16	46.78	0.80	ppb
Molybdenum	95-1	0.84	0.88	0.86	0.86	2.16	ppb
Molybdenum	96-1	6.49	6.40	6.45	6.45	0.71	ppb
Molybdenum	97-1	0.78	0.88	0.76	0.81	8.07	ppb
Molybdenum	98-1	0.79	0.85	0.85	0.83	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.59	135.66	134.75	134.33	1.17	ppb
Phosphorus	31-2	2099.44	2229.33	2241.56	2190.11	3.60	ppb
Potassium	39-2	8176.42	8449.76	8354.68	8326.95	1.67	ppb
Rhodium	103-1				107		%
Rhodium	103-2				111		%
Scandium	45-1				121		%
Scandium	45-2				124		%
Selenium	82-1	0.70	1.86	1.04	1.20	49.37	ppb
Selenium	77-2	18.04	9.17	16.05	14.42	32.27	ppb
Selenium	78-2	0.63	1.42	3.73	1.93	83.60	ppb
Silicon	28-1	1906.81	1918.81	1943.52	1923.05	0.97	ppb
Silver	107-1	0.24	0.23	0.27	0.25	9.21	ppb
Silver	109-1	0.21	0.23	0.23	0.22	4.86	ppb
Sodium	23-2	271.89	279.38	279.10	276.79	1.53	ppb
Strontium	86-1	129.32	125.75	129.83	128.30	1.73	ppb
Strontium	88-1	128.97	126.93	128.94	128.28	0.91	ppb
Sulfur	34-1	-764.10	-759.08	-622.38	-715.19		ppb
Terbium	159-1				118		%
Terbium	159-2				115		%
Thallium	203-1	0.38	0.41	0.41	0.40	4.29	ppb
Thallium	205-1	0.42	0.40	0.43	0.42	2.87	ppb
Tin	118-1	3.34	3.50	3.51	3.45	2.68	ppb
Titanium	47-1	1076.86	1076.97	1091.57	1081.80	0.78	ppb

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-12	Instrumnet Name :	P7
Client Sample ID :	MYD9R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:45:57	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.09	1.08	1.06	3.32	ppb
Vanadium	51-2	207.41	215.19	212.78	211.79	1.88	ppb
Yttrium	89-1				123		%
Yttrium	89-2				120		%
Zinc	66-2	213.32	216.84	207.41	212.52	2.24	ppb
Zirconium	90-1	26.88	26.69	26.98	26.85	0.55	ppb
Zirconium	91-1	26.04	26.39	26.89	26.44	1.62	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-14	Instrumnet Name :	P7
Client Sample ID :	MYD9R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:52:37	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23410.53	23745.57	23623.25	23593.12	0.72	ppb
Antimony	121-1	3.35	3.39	3.39	3.38	0.57	ppb
Arsenic	75-2	88.84	84.10	85.89	86.27	2.78	ppb
Barium	135-1	199.75	200.04	198.03	199.27	0.55	ppb
Barium	137-1	199.41	200.78	196.17	198.79	1.19	ppb
Beryllium	9-1	0.75	0.67	0.87	0.76	13.11	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.17	1.94	0.72	1.28	48.42	ppb
Cadmium	106-1	-0.38	0.30	-0.58	-0.22		ppb
Cadmium	111-1	0.20	0.30	0.27	0.26	21.01	ppb
Calcium	43-1	15086.18	15508.99	15407.49	15334.22	1.44	ppb
Calcium	44-1	15273.65	15598.22	15539.92	15470.60	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.67	57.11	57.49	57.09	0.72	ppb
Cobalt	59-2	31.71	31.40	31.78	31.63	0.65	ppb
Copper	63-2	80.10	80.94	80.87	80.64	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				116		%
Holmium	165-2				118		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	61081.02	61370.38	61872.03	61441.14	0.65	ppb
Iron	57-2	63510.20	64154.58	64467.24	64044.01	0.76	ppb
Iron	54-2	61842.35	61935.30	61947.09	61908.25	0.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-14	Instrumnet Name :	P7
Client Sample ID :	MYD9R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:52:37	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.24	16.67	16.32	16.41	1.41	ppb
Lead	207-1	14.68	14.90	14.66	14.75	0.91	ppb
Lead	208-1	15.07	15.20	15.17	15.15	0.46	ppb
Lithium	6-1				108		%
Magnesium	24-2	12709.95	12798.66	12838.88	12782.50	0.52	ppb
Manganese	55-2	1412.05	1416.43	1433.32	1420.60	0.79	ppb
Molybdenum	94-1	10.85	11.77	10.63	11.08	5.44	ppb
Molybdenum	95-1	0.58	0.64	0.62	0.61	4.43	ppb
Molybdenum	96-1	2.02	2.27	2.06	2.11	6.36	ppb
Molybdenum	97-1	0.52	0.53	0.54	0.53	1.52	ppb
Molybdenum	98-1	0.54	0.54	0.53	0.53	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.62	53.56	53.35	53.84	1.26	ppb
Phosphorus	31-2	1717.74	1788.17	1789.37	1765.09	2.32	ppb
Potassium	39-2	7379.18	7463.95	7421.56	7421.56	0.57	ppb
Rhodium	103-1				107		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	82-1	1.52	0.59	0.91	1.01	46.97	ppb
Selenium	77-2	8.44	4.77	2.39	5.20	58.59	ppb
Selenium	78-2	-0.94	-3.41	1.43	-0.97		ppb
Silicon	28-1	2653.06	2703.63	2683.63	2680.11	0.95	ppb
Silver	107-1	0.09	0.12	0.12	0.11	17.06	ppb
Silver	109-1	0.13	0.11	0.12	0.12	7.06	ppb
Sodium	23-2	264.45	271.93	267.70	268.03	1.40	ppb
Strontium	86-1	59.03	60.88	59.77	59.89	1.56	ppb
Strontium	88-1	58.07	61.75	59.75	59.86	3.08	ppb
Sulfur	34-1	-686.10	-581.93	-663.61	-643.88		ppb
Terbium	159-1				116		%
Terbium	159-2				113		%
Thallium	203-1	0.20	0.21	0.23	0.21	6.25	ppb
Thallium	205-1	0.19	0.20	0.20	0.20	2.60	ppb
Tin	118-1	2.47	2.48	2.37	2.44	2.59	ppb
Titanium	47-1	747.23	758.56	755.25	753.68	0.77	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-14	Instrumnet Name :	P7
Client Sample ID :	MYD9R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:52:37	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.95	0.92	0.92	4.22	ppb
Vanadium	51-2	107.67	109.99	109.08	108.92	1.08	ppb
Yttrium	89-1				114		%
Yttrium	89-2				114		%
Zinc	66-2	151.51	155.56	153.12	153.39	1.33	ppb
Zirconium	90-1	5.97	6.42	6.30	6.23	3.72	ppb
Zirconium	91-1	5.95	6.26	6.25	6.16	2.84	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-15	Instrumnet Name :	P7
Client Sample ID :	MYD9R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:56:04	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43387.47	43380.30	42854.46	43207.41	0.71	ppb
Antimony	121-1	0.48	0.57	0.52	0.53	8.25	ppb
Arsenic	75-2	66.71	68.16	64.31	66.39	2.93	ppb
Barium	135-1	353.77	347.70	354.79	352.08	1.09	ppb
Barium	137-1	349.79	351.17	355.71	352.22	0.88	ppb
Beryllium	9-1	1.50	1.50	1.49	1.49	0.29	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.02	1.42	1.29	18.36	ppb
Cadmium	106-1	1.99	0.35	2.75	1.70	72.19	ppb
Cadmium	111-1	0.34	0.27	0.44	0.35	24.21	ppb
Calcium	43-1	16659.06	16746.66	16852.27	16752.66	0.58	ppb
Calcium	44-1	15641.00	16286.63	16087.35	16004.99	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.90	60.90	58.71	60.17	2.10	ppb
Cobalt	59-2	46.50	46.79	45.46	46.25	1.52	ppb
Copper	63-2	113.08	113.48	111.40	112.65	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				120		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	98704.01	99758.58	98252.66	98905.08	0.78	ppb
Iron	57-2	96745.98	95928.35	96954.55	96542.96	0.56	ppb
Iron	54-2	98257.15	100366.77	96757.30	98460.41	1.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-15	Instrumnet Name :	P7
Client Sample ID :	MYD9R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:56:04	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.24	25.90	25.57	25.57	1.30	ppb
Lead	207-1	20.50	20.77	21.35	20.87	2.08	ppb
Lead	208-1	21.98	22.45	22.48	22.30	1.26	ppb
Lithium	6-1				106		%
Magnesium	24-2	20731.49	20810.20	20711.45	20751.05	0.25	ppb
Manganese	55-2	1841.47	1856.72	1827.83	1842.01	0.78	ppb
Molybdenum	94-1	15.26	15.74	15.24	15.41	1.81	ppb
Molybdenum	95-1	0.58	0.62	0.59	0.60	3.60	ppb
Molybdenum	96-1	2.73	2.97	2.79	2.83	4.37	ppb
Molybdenum	97-1	0.52	0.52	0.55	0.53	3.48	ppb
Molybdenum	98-1	0.54	0.56	0.57	0.56	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.90	49.23	48.80	48.98	0.46	ppb
Phosphorus	31-2	2153.48	2051.35	1992.61	2065.82	3.94	ppb
Potassium	39-2	3674.65	3658.97	3652.16	3661.93	0.31	ppb
Rhodium	103-1				108		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				118		%
Selenium	82-1	0.58	0.56	1.40	0.85	56.27	ppb
Selenium	77-2	16.07	16.26	9.09	13.81	29.58	ppb
Selenium	78-2	0.76	2.53	-0.62	0.89	177.42	ppb
Silicon	28-1	2481.26	2493.73	2515.17	2496.72	0.69	ppb
Silver	107-1	0.10	0.11	0.12	0.11	7.59	ppb
Silver	109-1	0.09	0.11	0.12	0.11	14.12	ppb
Sodium	23-2	340.79	350.17	331.67	340.88	2.71	ppb
Strontium	86-1	100.76	102.27	99.54	100.86	1.35	ppb
Strontium	88-1	100.32	101.08	99.25	100.22	0.92	ppb
Sulfur	34-1	-1225.79	-1324.09	-1328.20	-1292.69		ppb
Terbium	159-1				119		%
Terbium	159-2				120		%
Thallium	203-1	0.21	0.21	0.22	0.22	2.42	ppb
Thallium	205-1	0.19	0.20	0.18	0.19	5.52	ppb
Tin	118-1	4.88	4.96	5.07	4.97	1.91	ppb
Titanium	47-1	1647.72	1660.94	1679.64	1662.77	0.96	ppb

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-15	Instrumnet Name :	P7
Client Sample ID :	MYD9R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:56:04	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.66	1.66	1.69	1.67	1.14	ppb
Vanadium	51-2	168.47	168.17	166.85	167.83	0.51	ppb
Yttrium	89-1				122		%
Yttrium	89-2				119		%
Zinc	66-2	209.22	208.17	208.27	208.55	0.28	ppb
Zirconium	90-1	8.78	8.92	8.62	8.77	1.71	ppb
Zirconium	91-1	8.52	9.01	8.79	8.78	2.81	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-13	Instrumnet Name :	P7
Client Sample ID :	MYD9R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:59:25	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52141.37	51561.23	56467.51	53390.04	5.02	ppb
Antimony	121-1	2.07	2.27	2.28	2.21	5.31	ppb
Arsenic	75-2	165.72	165.75	185.14	172.20	6.51	ppb
Barium	135-1	701.67	719.94	706.69	709.43	1.33	ppb
Barium	137-1	704.01	719.90	711.97	711.96	1.12	ppb
Beryllium	9-1	1.53	2.01	2.11	1.89	16.35	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.23	2.70	3.48	3.13	12.71	ppb
Cadmium	106-1	3.99	4.02	2.16	3.39	31.48	ppb
Cadmium	111-1	0.87	0.94	0.71	0.84	14.23	ppb
Calcium	43-1	19753.40	19697.23	20173.94	19874.86	1.31	ppb
Calcium	44-1	18747.18	19252.20	18917.63	18972.34	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.14	122.68	132.67	125.50	4.99	ppb
Cobalt	59-2	66.74	66.44	71.82	68.33	4.43	ppb
Copper	63-2	163.53	159.70	177.56	166.93	5.64	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				122		%
Holmium	165-2				117		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	117786.27	116899.38	128484.19	121056.61	5.33	ppb
Iron	57-2	114568.18	115250.24	125675.75	118498.05	5.25	ppb
Iron	54-2	118392.73	117312.93	129089.99	121598.55	5.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-13	Instrumnet Name :	P7
Client Sample ID :	MYD9R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:59:25	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.65	40.56	41.10	40.77	0.71	ppb
Lead	207-1	38.41	38.52	40.13	39.02	2.46	ppb
Lead	208-1	39.46	39.56	40.21	39.74	1.02	ppb
Lithium	6-1				106		%
Magnesium	24-2	27026.99	26393.72	29298.25	27572.99	5.54	ppb
Manganese	55-2	3060.64	2962.10	3236.99	3086.58	4.51	ppb
Molybdenum	94-1	34.54	34.52	35.21	34.76	1.13	ppb
Molybdenum	95-1	0.76	0.80	0.72	0.76	5.20	ppb
Molybdenum	96-1	5.30	4.98	5.21	5.16	3.13	ppb
Molybdenum	97-1	0.70	0.69	0.70	0.69	1.03	ppb
Molybdenum	98-1	0.69	0.68	0.64	0.67	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.57	147.55	163.95	154.02	5.67	ppb
Phosphorus	31-2	2906.64	2922.18	3233.57	3020.80	6.11	ppb
Potassium	39-2	8201.35	8228.82	8922.88	8451.02	4.84	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				121		%
Scandium	45-2				121		%
Selenium	82-1	0.77	1.75	0.35	0.96	75.09	ppb
Selenium	77-2	12.11	14.44	18.26	14.94	20.78	ppb
Selenium	78-2	-0.50	2.76	0.17	0.81	212.13	ppb
Silicon	28-1	2777.12	2754.27	2796.20	2775.86	0.76	ppb
Silver	107-1	0.20	0.26	0.22	0.23	14.22	ppb
Silver	109-1	0.21	0.24	0.23	0.23	6.46	ppb
Sodium	23-2	240.05	234.89	259.42	244.78	5.28	ppb
Strontium	86-1	117.35	117.75	119.02	118.04	0.74	ppb
Strontium	88-1	117.17	116.45	118.41	117.34	0.85	ppb
Sulfur	34-1	-1360.57	-1198.72	-1296.31	-1285.20		ppb
Terbium	159-1				122		%
Terbium	159-2				117		%
Thallium	203-1	0.42	0.44	0.45	0.44	3.61	ppb
Thallium	205-1	0.42	0.40	0.40	0.41	3.62	ppb
Tin	118-1	2.35	2.52	2.42	2.43	3.68	ppb
Titanium	47-1	822.05	815.90	829.35	822.43	0.82	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-13	Instrumnet Name :	P7
Client Sample ID :	MYD9R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:59:25	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.03	1.05	1.03	2.01	ppb
Vanadium	51-2	234.20	233.99	256.19	241.46	5.28	ppb
Yttrium	89-1				127		%
Yttrium	89-2				120		%
Zinc	66-2	230.44	224.81	242.75	232.67	3.94	ppb
Zirconium	90-1	20.01	19.94	20.37	20.11	1.15	ppb
Zirconium	91-1	19.49	19.44	19.81	19.58	1.04	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-16	Instrumnet Name :	P7
Client Sample ID :	MYD9R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:02:48	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40659.09	40506.47	39502.39	40222.65	1.56	ppb
Antimony	121-1	1.84	1.93	1.99	1.92	3.85	ppb
Arsenic	75-2	182.95	181.46	176.62	180.34	1.84	ppb
Barium	135-1	490.97	506.90	501.26	499.71	1.62	ppb
Barium	137-1	495.14	503.10	507.08	501.77	1.21	ppb
Beryllium	9-1	1.89	1.66	1.86	1.80	6.74	ppb
Bismuth	209-1				113		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.01	2.38	3.44	2.94	18.21	ppb
Cadmium	106-1	8.39	3.63	3.97	5.33	49.77	ppb
Cadmium	111-1	1.65	1.40	1.38	1.48	10.33	ppb
Calcium	43-1	14107.99	14507.10	14477.19	14364.09	1.55	ppb
Calcium	44-1	14551.98	14638.19	14732.40	14640.86	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.87	119.50	119.43	119.93	0.68	ppb
Cobalt	59-2	62.30	62.26	61.35	61.97	0.87	ppb
Copper	63-2	265.78	262.35	259.22	262.45	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				119		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	120330.92	117383.96	117600.40	118438.43	1.39	ppb
Iron	57-2	118522.45	116394.03	116387.26	117101.25	1.05	ppb
Iron	54-2	120956.38	118026.91	116852.02	118611.77	1.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-16	Instrumnet Name :	P7
Client Sample ID :	MYD9R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:02:48	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.04	63.01	63.69	63.25	0.60	ppb
Lead	207-1	62.38	61.55	62.33	62.09	0.75	ppb
Lead	208-1	62.26	62.08	62.76	62.37	0.56	ppb
Lithium	6-1				102		%
Magnesium	24-2	20887.07	20474.07	19869.16	20410.10	2.51	ppb
Manganese	55-2	2532.42	2521.27	2494.92	2516.21	0.77	ppb
Molybdenum	94-1	38.37	38.02	38.38	38.26	0.54	ppb
Molybdenum	95-1	1.16	1.16	0.99	1.10	8.75	ppb
Molybdenum	96-1	6.13	5.99	5.91	6.01	1.85	ppb
Molybdenum	97-1	1.10	1.15	1.20	1.15	4.43	ppb
Molybdenum	98-1	1.08	1.07	1.11	1.09	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.22	136.84	137.56	137.54	0.50	ppb
Phosphorus	31-2	2550.20	2600.07	2515.32	2555.20	1.67	ppb
Potassium	39-2	9083.30	8959.91	8852.72	8965.31	1.29	ppb
Rhodium	103-1				107		%
Rhodium	103-2				111		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	82-1	1.77	1.63	2.03	1.81	11.15	ppb
Selenium	77-2	19.57	9.34	11.51	13.48	39.98	ppb
Selenium	78-2	1.12	0.22	-0.54	0.27	309.09	ppb
Silicon	28-1	2700.92	2731.37	2736.70	2723.00	0.71	ppb
Silver	107-1	0.46	0.46	0.44	0.46	2.56	ppb
Silver	109-1	0.43	0.46	0.43	0.44	4.45	ppb
Sodium	23-2	239.06	236.48	241.70	239.08	1.09	ppb
Strontium	86-1	80.33	80.26	80.06	80.22	0.17	ppb
Strontium	88-1	79.87	79.30	80.23	79.80	0.59	ppb
Sulfur	34-1	-896.59	-995.66	-992.46	-961.57		ppb
Terbium	159-1				118		%
Terbium	159-2				116		%
Thallium	203-1	0.82	0.87	0.85	0.84	2.80	ppb
Thallium	205-1	0.79	0.82	0.78	0.80	2.96	ppb
Tin	118-1	3.14	3.24	3.17	3.18	1.56	ppb
Titanium	47-1	940.06	936.22	937.12	937.80	0.21	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-16	Instrumnet Name :	P7
Client Sample ID :	MYD9R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:02:48	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.12	1.17	1.14	2.14	ppb
Vanadium	51-2	220.90	218.11	216.22	218.41	1.08	ppb
Yttrium	89-1				121		%
Yttrium	89-2				118		%
Zinc	66-2	268.94	266.37	258.46	264.59	2.06	ppb
Zirconium	90-1	22.02	21.95	21.92	21.97	0.24	ppb
Zirconium	91-1	21.88	21.53	22.14	21.85	1.41	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-17	Instrumnet Name :	P7
Client Sample ID :	MYD9R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:06:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51905.92	51911.88	51527.36	51781.72	0.43	ppb
Antimony	121-1	1.66	1.68	1.70	1.68	1.25	ppb
Arsenic	75-2	178.10	179.57	175.25	177.64	1.23	ppb
Barium	135-1	745.52	747.51	744.81	745.95	0.19	ppb
Barium	137-1	747.30	746.52	739.27	744.37	0.59	ppb
Beryllium	9-1	1.89	2.13	2.14	2.05	6.79	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.30	2.20	2.47	2.32	5.88	ppb
Cadmium	106-1	4.91	2.68	2.98	3.52	34.40	ppb
Cadmium	111-1	1.36	1.04	0.94	1.11	19.99	ppb
Calcium	43-1	17317.84	17385.63	17445.97	17383.15	0.37	ppb
Calcium	44-1	16449.40	16685.68	16802.60	16645.89	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	140.56	141.09	141.20	140.95	0.24	ppb
Cobalt	59-2	73.22	73.84	72.79	73.28	0.72	ppb
Copper	63-2	199.74	200.67	200.95	200.45	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				118		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	132012.83	132986.97	132489.78	132496.52	0.37	ppb
Iron	57-2	128024.35	130167.41	130735.82	129642.53	1.10	ppb
Iron	54-2	132302.98	133513.23	131152.92	132323.04	0.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-17	Instrumnet Name :	P7
Client Sample ID :	MYD9R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:06:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.27	48.84	48.89	48.67	0.71	ppb
Lead	207-1	46.94	46.88	47.47	47.10	0.70	ppb
Lead	208-1	47.17	47.57	47.92	47.55	0.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	27151.94	27192.80	26993.25	27112.66	0.39	ppb
Manganese	55-2	4620.16	4599.91	4526.97	4582.34	1.07	ppb
Molybdenum	94-1	26.73	26.53	26.42	26.56	0.59	ppb
Molybdenum	95-1	1.17	1.11	1.15	1.14	2.53	ppb
Molybdenum	96-1	4.87	4.89	4.67	4.81	2.47	ppb
Molybdenum	97-1	1.07	1.12	1.11	1.10	2.70	ppb
Molybdenum	98-1	1.10	1.07	1.07	1.08	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.24	156.66	157.12	157.01	0.19	ppb
Phosphorus	31-2	2582.77	2580.72	2623.24	2595.58	0.92	ppb
Potassium	39-2	10417.65	10528.03	10547.36	10497.68	0.67	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				117		%
Scandium	45-2				119		%
Selenium	82-1	1.38	1.65	2.04	1.69	19.52	ppb
Selenium	77-2	11.55	16.24	18.43	15.41	22.84	ppb
Selenium	78-2	-0.19	3.52	2.12	1.82	102.96	ppb
Silicon	28-1	2734.78	2788.63	2767.61	2763.67	0.98	ppb
Silver	107-1	0.25	0.27	0.28	0.27	6.49	ppb
Silver	109-1	0.28	0.31	0.29	0.29	6.11	ppb
Sodium	23-2	237.56	243.88	245.16	242.20	1.68	ppb
Strontium	86-1	125.05	123.66	126.14	124.95	1.00	ppb
Strontium	88-1	125.86	123.95	125.37	125.06	0.79	ppb
Sulfur	34-1	-871.76	-924.72	-890.53	-895.67		ppb
Terbium	159-1				119		%
Terbium	159-2				113		%
Thallium	203-1	0.61	0.51	0.55	0.56	9.00	ppb
Thallium	205-1	0.52	0.54	0.54	0.53	2.70	ppb
Tin	118-1	2.81	2.76	2.75	2.77	1.12	ppb
Titanium	47-1	966.79	981.28	994.59	980.89	1.42	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-17	Instrumnet Name :	P7
Client Sample ID :	MYD9R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:06:11	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.26	1.25	1.26	0.41	ppb
Vanadium	51-2	251.75	254.74	252.47	252.99	0.62	ppb
Yttrium	89-1				121		%
Yttrium	89-2				119		%
Zinc	66-2	266.12	267.73	261.33	265.06	1.26	ppb
Zirconium	90-1	15.05	14.99	15.00	15.01	0.23	ppb
Zirconium	91-1	14.52	14.91	14.29	14.57	2.16	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-18	Instrumnet Name :	P7
Client Sample ID :	MYD9R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:09:35	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29871.42	29987.63	30390.91	30083.32	0.91	ppb
Antimony	121-1	2.62	2.64	2.63	2.63	0.52	ppb
Arsenic	75-2	136.38	130.41	136.26	134.35	2.54	ppb
Barium	135-1	404.87	401.65	404.19	403.57	0.42	ppb
Barium	137-1	404.74	405.49	398.80	403.01	0.91	ppb
Beryllium	9-1	1.43	1.48	1.34	1.41	5.06	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.00	2.54	2.53	2.69	10.12	ppb
Cadmium	106-1	3.87	3.78	2.78	3.48	17.46	ppb
Cadmium	111-1	1.20	1.37	1.31	1.29	6.59	ppb
Calcium	43-1	19128.16	19318.36	18969.80	19138.78	0.91	ppb
Calcium	44-1	18157.42	18155.14	18447.90	18253.49	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.91	102.42	100.27	101.20	1.09	ppb
Cobalt	59-2	44.34	44.22	44.32	44.29	0.15	ppb
Copper	63-2	213.78	212.56	211.66	212.67	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				116		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	92050.37	91970.16	91965.80	91995.44	0.05	ppb
Iron	57-2	95905.81	95532.84	95424.71	95621.12	0.26	ppb
Iron	54-2	91368.09	92603.58	92997.35	92323.00	0.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-18	Instrumnet Name :	P7
Client Sample ID :	MYD9R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:09:35	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.96	59.00	59.07	58.68	1.06	ppb
Lead	207-1	57.20	58.17	57.78	57.72	0.85	ppb
Lead	208-1	57.32	58.06	58.26	57.88	0.85	ppb
Lithium	6-1				99		%
Magnesium	24-2	16459.70	16331.00	16278.39	16356.36	0.57	ppb
Manganese	55-2	1992.35	1987.24	1987.15	1988.91	0.15	ppb
Molybdenum	94-1	26.31	27.20	26.91	26.81	1.70	ppb
Molybdenum	95-1	1.04	1.05	1.00	1.03	2.69	ppb
Molybdenum	96-1	4.39	4.35	4.50	4.42	1.71	ppb
Molybdenum	97-1	0.96	0.94	0.96	0.95	1.09	ppb
Molybdenum	98-1	0.97	0.91	0.97	0.95	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.78	100.01	100.89	101.56	1.94	ppb
Phosphorus	31-2	2017.30	2013.93	2022.20	2017.81	0.21	ppb
Potassium	39-2	7693.87	7688.13	7691.69	7691.23	0.04	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	2.25	0.74	1.51	1.50	50.22	ppb
Selenium	77-2	10.82	13.25	12.05	12.04	10.06	ppb
Selenium	78-2	1.13	-1.99	1.84	0.33	620.34	ppb
Silicon	28-1	3069.71	3093.40	3053.93	3072.35	0.65	ppb
Silver	107-1	0.36	0.35	0.36	0.36	2.86	ppb
Silver	109-1	0.38	0.38	0.38	0.38	0.29	ppb
Sodium	23-2	219.18	214.86	214.55	216.20	1.20	ppb
Strontium	86-1	97.69	99.03	96.64	97.79	1.22	ppb
Strontium	88-1	96.37	99.14	97.46	97.66	1.43	ppb
Sulfur	34-1	-286.68	-430.34	-337.52	-351.51		ppb
Terbium	159-1				117		%
Terbium	159-2				112		%
Thallium	203-1	0.37	0.35	0.34	0.35	5.07	ppb
Thallium	205-1	0.39	0.39	0.36	0.38	3.66	ppb
Tin	118-1	2.64	2.59	2.61	2.61	1.06	ppb
Titanium	47-1	762.51	772.35	765.59	766.82	0.66	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-18	Instrumnet Name :	P7
Client Sample ID :	MYD9R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:09:35	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.94	0.95	0.94	1.54	ppb
Vanadium	51-2	171.20	172.51	170.62	171.44	0.56	ppb
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	232.03	224.74	225.32	227.36	1.78	ppb
Zirconium	90-1	15.09	15.53	14.92	15.18	2.07	ppb
Zirconium	91-1	14.97	15.34	14.86	15.06	1.65	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-19	Instrumnet Name :	P7
Client Sample ID :	MYD9R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:13:01	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44584.40	45802.70	44336.21	44907.77	1.75	ppb
Antimony	121-1	2.19	2.15	2.19	2.18	1.12	ppb
Arsenic	75-2	216.60	214.25	216.57	215.80	0.62	ppb
Barium	135-1	648.73	663.62	664.09	658.81	1.33	ppb
Barium	137-1	651.69	660.16	663.08	658.31	0.90	ppb
Beryllium	9-1	1.56	1.85	1.53	1.65	10.79	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.86	3.12	2.89	3.29	15.46	ppb
Cadmium	106-1	5.18	5.00	3.39	4.52	21.85	ppb
Cadmium	111-1	1.31	1.39	1.27	1.32	4.65	ppb
Calcium	43-1	18536.66	18844.07	19172.56	18851.10	1.69	ppb
Calcium	44-1	17812.99	17827.70	17791.88	17810.86	0.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	137.61	137.97	133.61	136.40	1.77	ppb
Cobalt	59-2	66.53	67.20	66.06	66.60	0.86	ppb
Copper	63-2	197.43	198.34	194.90	196.89	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				117		%
Holmium	165-2				113		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	127865.03	126010.04	125481.35	126452.14	0.99	ppb
Iron	57-2	127867.63	125856.51	123814.56	125846.23	1.61	ppb
Iron	54-2	126307.00	125338.07	124628.30	125424.46	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-19	Instrumnet Name :	P7
Client Sample ID :	MYD9R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:13:01	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.94	53.25	53.72	52.97	1.74	ppb
Lead	207-1	51.50	52.56	52.46	52.17	1.12	ppb
Lead	208-1	51.53	52.38	52.74	52.22	1.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	23604.39	24006.97	23479.41	23696.92	1.16	ppb
Manganese	55-2	3425.69	3412.35	3387.87	3408.64	0.56	ppb
Molybdenum	94-1	36.61	37.98	37.07	37.22	1.87	ppb
Molybdenum	95-1	1.38	1.46	1.59	1.48	7.32	ppb
Molybdenum	96-1	6.11	5.97	6.19	6.09	1.83	ppb
Molybdenum	97-1	1.39	1.53	1.40	1.44	5.36	ppb
Molybdenum	98-1	1.37	1.44	1.39	1.40	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.42	135.80	133.54	134.25	1.00	ppb
Phosphorus	31-2	2421.19	2418.88	2390.93	2410.33	0.70	ppb
Potassium	39-2	10159.14	10128.55	10083.49	10123.73	0.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	82-1	2.53	1.24	2.12	1.97	33.73	ppb
Selenium	77-2	14.26	13.03	5.95	11.08	40.50	ppb
Selenium	78-2	2.41	3.40	2.07	2.63	26.40	ppb
Silicon	28-1	2855.73	2854.60	2875.66	2862.00	0.41	ppb
Silver	107-1	0.28	0.31	0.33	0.31	9.02	ppb
Silver	109-1	0.29	0.29	0.35	0.31	12.17	ppb
Sodium	23-2	212.07	213.21	211.58	212.29	0.39	ppb
Strontium	86-1	107.45	109.62	110.61	109.23	1.48	ppb
Strontium	88-1	107.92	109.20	110.52	109.21	1.19	ppb
Sulfur	34-1	-802.56	-647.40	-593.46	-681.14		ppb
Terbium	159-1				116		%
Terbium	159-2				111		%
Thallium	203-1	0.54	0.51	0.46	0.50	8.62	ppb
Thallium	205-1	0.45	0.47	0.47	0.46	2.22	ppb
Tin	118-1	3.28	3.30	3.27	3.28	0.62	ppb
Titanium	47-1	954.05	958.89	967.31	960.08	0.70	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-19	Instrumnet Name :	P7
Client Sample ID :	MYD9R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:13:01	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.22	1.23	1.21	2.23	ppb
Vanadium	51-2	239.05	242.72	240.60	240.79	0.77	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	279.37	279.78	278.86	279.34	0.16	ppb
Zirconium	90-1	20.68	21.19	21.41	21.10	1.76	ppb
Zirconium	91-1	19.99	20.93	20.76	20.56	2.44	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-01	Instrumnet Name :	P7
Client Sample ID :	MYD9S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:16:27	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54539.62	53971.99	54902.57	54471.39	0.86	ppb
Antimony	121-1	2.73	2.52	2.55	2.60	4.36	ppb
Arsenic	75-2	204.29	205.06	204.50	204.62	0.19	ppb
Barium	135-1	908.18	881.07	861.05	883.44	2.68	ppb
Barium	137-1	913.87	884.33	865.88	888.03	2.73	ppb
Beryllium	9-1	1.97	1.77	2.04	1.93	7.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.51	2.98	3.40	3.63	21.77	ppb
Cadmium	106-1	4.77	3.71	3.76	4.08	14.65	ppb
Cadmium	111-1	1.25	1.17	1.03	1.15	9.84	ppb
Calcium	43-1	57828.70	55809.58	54788.45	56142.24	2.76	ppb
Calcium	44-1	54960.60	52085.47	51466.26	52837.44	3.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.43	125.48	126.24	126.72	1.21	ppb
Cobalt	59-2	69.47	67.79	69.19	68.82	1.31	ppb
Copper	63-2	183.03	176.90	179.15	179.70	1.72	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				113		%
Holmium	165-2				115		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	129498.70	126708.47	129903.14	128703.44	1.35	ppb
Iron	57-2	127935.71	125094.52	126601.11	126543.78	1.12	ppb
Iron	54-2	130706.38	126465.94	126311.81	127828.05	1.95	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-01	Instrumnet Name :	P7
Client Sample ID :	MYD9S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:16:27	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.08	47.30	47.05	48.15	3.50	ppb
Lead	207-1	48.34	45.79	46.13	46.75	2.96	ppb
Lead	208-1	49.02	46.42	46.40	47.28	3.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	29833.59	28886.72	29353.63	29357.98	1.61	ppb
Manganese	55-2	4618.40	4439.26	4485.77	4514.48	2.06	ppb
Molybdenum	94-1	38.58	36.83	35.41	36.94	4.30	ppb
Molybdenum	95-1	1.80	1.71	1.70	1.74	3.14	ppb
Molybdenum	96-1	6.47	6.45	5.98	6.30	4.42	ppb
Molybdenum	97-1	1.84	1.60	1.62	1.68	8.10	ppb
Molybdenum	98-1	1.69	1.61	1.49	1.60	6.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.61	158.10	157.21	157.97	0.45	ppb
Phosphorus	31-2	3063.90	3025.79	3085.74	3058.48	0.99	ppb
Potassium	39-2	8955.88	8789.16	8828.80	8857.95	0.98	ppb
Rhodium	103-1				99		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				117		%
Selenium	82-1	1.51	0.98	0.74	1.08	36.72	ppb
Selenium	77-2	19.68	10.48	14.01	14.72	31.53	ppb
Selenium	78-2	4.17	0.54	1.90	2.20	83.13	ppb
Silicon	28-1	2990.61	2865.70	2782.53	2879.61	3.64	ppb
Silver	107-1	0.27	0.24	0.21	0.24	12.39	ppb
Silver	109-1	0.22	0.22	0.22	0.22	1.63	ppb
Sodium	23-2	234.17	228.30	233.92	232.13	1.43	ppb
Strontium	86-1	180.07	173.40	168.96	174.14	3.21	ppb
Strontium	88-1	182.08	173.19	170.18	175.15	3.53	ppb
Sulfur	34-1	-439.78	-718.08	-1014.06	-723.97		ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	0.57	0.55	0.55	0.56	2.02	ppb
Thallium	205-1	0.56	0.51	0.51	0.53	5.49	ppb
Tin	118-1	3.05	3.12	2.98	3.05	2.38	ppb
Titanium	47-1	1050.93	1009.41	993.75	1018.03	2.90	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-01	Instrumnet Name :	P7
Client Sample ID :	MYD9S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:16:27	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.08	1.04	1.07	2.69	ppb
Vanadium	51-2	251.15	245.30	247.02	247.82	1.21	ppb
Yttrium	89-1				115		%
Yttrium	89-2				118		%
Zinc	66-2	279.73	280.60	283.05	281.13	0.61	ppb
Zirconium	90-1	21.16	20.47	20.07	20.57	2.69	ppb
Zirconium	91-1	21.36	19.87	19.89	20.37	4.18	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-02	Instrumnet Name :	P7
Client Sample ID :	MYD9S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:19:50	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33344.93	32249.84	32851.65	32815.48	1.67	ppb
Antimony	121-1	2.78	2.84	2.78	2.80	1.28	ppb
Arsenic	75-2	157.70	158.36	166.83	160.96	3.16	ppb
Barium	135-1	450.62	453.23	454.57	452.81	0.44	ppb
Barium	137-1	450.70	453.97	454.33	453.00	0.44	ppb
Beryllium	9-1	1.49	1.33	1.84	1.55	17.06	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.32	1.61	2.94	2.62	34.28	ppb
Cadmium	106-1	3.84	2.55	2.35	2.92	27.73	ppb
Cadmium	111-1	1.19	1.39	1.18	1.26	9.36	ppb
Calcium	43-1	7916.19	7926.31	7840.11	7894.20	0.60	ppb
Calcium	44-1	7993.53	7967.91	8023.19	7994.88	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117.20	112.50	117.15	115.62	2.33	ppb
Cobalt	59-2	58.19	57.10	58.38	57.89	1.20	ppb
Copper	63-2	220.42	212.91	220.31	217.88	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				117		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	119213.89	114502.98	117592.77	117103.21	2.04	ppb
Iron	57-2	116945.90	112529.44	117401.63	115625.66	2.33	ppb
Iron	54-2	118389.76	114766.05	119301.53	117485.78	2.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-02	Instrumnet Name :	P7
Client Sample ID :	MYD9S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:19:50	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	59.21	59.27	59.31	59.27	0.08	ppb
Lead	207-1	57.78	57.88	58.87	58.18	1.04	ppb
Lead	208-1	58.02	58.48	58.58	58.36	0.52	ppb
Lithium	6-1				96		%
Magnesium	24-2	17120.23	16511.07	17022.38	16884.56	1.94	ppb
Manganese	55-2	3690.32	3592.40	3745.32	3676.01	2.11	ppb
Molybdenum	94-1	24.42	23.62	24.43	24.16	1.94	ppb
Molybdenum	95-1	1.33	1.35	1.35	1.34	0.75	ppb
Molybdenum	96-1	4.58	4.49	4.47	4.51	1.30	ppb
Molybdenum	97-1	1.33	1.26	1.36	1.32	3.85	ppb
Molybdenum	98-1	1.29	1.26	1.30	1.29	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.08	116.18	120.69	118.65	1.93	ppb
Phosphorus	31-2	1792.39	1801.59	1851.90	1815.29	1.76	ppb
Potassium	39-2	8345.02	8046.05	8276.19	8222.42	1.90	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	0.87	1.07	0.63	0.86	25.98	ppb
Selenium	77-2	19.23	14.29	8.51	14.01	38.31	ppb
Selenium	78-2	0.78	0.02	0.16	0.32	125.11	ppb
Silicon	28-1	2657.16	2675.83	2671.45	2668.15	0.37	ppb
Silver	107-1	0.29	0.30	0.28	0.29	3.83	ppb
Silver	109-1	0.30	0.31	0.27	0.29	6.96	ppb
Sodium	23-2	190.09	188.05	197.00	191.72	2.45	ppb
Strontium	86-1	52.82	51.22	52.58	52.21	1.65	ppb
Strontium	88-1	52.73	51.69	52.47	52.30	1.04	ppb
Sulfur	34-1	-667.38	-855.05	-1007.37	-843.27		ppb
Terbium	159-1				117		%
Terbium	159-2				112		%
Thallium	203-1	0.62	0.64	0.63	0.63	1.31	ppb
Thallium	205-1	0.59	0.59	0.61	0.59	1.86	ppb
Tin	118-1	3.00	3.22	3.02	3.08	3.91	ppb
Titanium	47-1	933.42	935.36	949.03	939.27	0.91	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-02	Instrumnet Name :	P7
Client Sample ID :	MYD9S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:19:50	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.17	1.19	1.17	1.45	ppb
Vanadium	51-2	202.49	197.18	203.95	201.21	1.77	ppb
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	371.86	360.49	374.78	369.05	2.05	ppb
Zirconium	90-1	13.38	13.42	13.72	13.51	1.39	ppb
Zirconium	91-1	13.20	13.37	13.41	13.33	0.86	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-03	Instrumnet Name :	P7
Client Sample ID :	MYD9S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:23:15	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56324.71	56763.76	55587.69	56225.39	1.06	ppb
Antimony	121-1	2.42	2.48	2.43	2.44	1.41	ppb
Arsenic	75-2	185.38	185.64	184.85	185.29	0.22	ppb
Barium	135-1	826.85	847.36	832.80	835.67	1.26	ppb
Barium	137-1	827.00	842.25	832.62	833.96	0.92	ppb
Beryllium	9-1	1.98	2.56	2.11	2.22	13.83	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.15	2.22	2.60	2.66	17.61	ppb
Cadmium	106-1	3.33	5.96	5.02	4.77	27.94	ppb
Cadmium	111-1	0.64	1.12	0.92	0.89	27.03	ppb
Calcium	43-1	66923.10	67874.16	68175.02	67657.43	0.97	ppb
Calcium	44-1	64371.36	64487.26	65482.08	64780.23	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134.07	134.81	133.12	134.00	0.63	ppb
Cobalt	59-2	73.26	72.14	70.57	71.99	1.88	ppb
Copper	63-2	171.48	170.97	166.52	169.66	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	139924.21	138588.47	135278.51	137930.40	1.73	ppb
Iron	57-2	137152.09	136347.67	134265.60	135921.79	1.10	ppb
Iron	54-2	138325.39	136943.56	135357.17	136875.37	1.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-03	Instrumnet Name :	P7
Client Sample ID :	MYD9S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:23:15	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.01	35.95	35.97	35.98	0.07	ppb
Lead	207-1	34.09	34.31	34.62	34.34	0.77	ppb
Lead	208-1	34.70	34.87	34.72	34.77	0.27	ppb
Lithium	6-1				93		%
Magnesium	24-2	30760.99	30203.63	29585.54	30183.39	1.95	ppb
Manganese	55-2	3185.26	3153.55	3150.36	3163.06	0.61	ppb
Molybdenum	94-1	37.06	36.88	36.79	36.91	0.37	ppb
Molybdenum	95-1	1.23	1.29	1.16	1.23	5.21	ppb
Molybdenum	96-1	5.94	5.98	5.94	5.96	0.43	ppb
Molybdenum	97-1	1.28	1.11	1.22	1.20	7.34	ppb
Molybdenum	98-1	1.07	1.17	1.14	1.13	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	171.47	169.44	168.22	169.71	0.97	ppb
Phosphorus	31-2	2947.63	2919.71	2810.59	2892.64	2.50	ppb
Potassium	39-2	8210.00	8126.91	7946.28	8094.40	1.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	82-1	1.75	1.31	0.98	1.35	28.62	ppb
Selenium	77-2	8.45	20.60	16.80	15.29	40.68	ppb
Selenium	78-2	1.51	2.24	1.80	1.85	19.93	ppb
Silicon	28-1	2763.26	2788.11	2773.69	2775.02	0.45	ppb
Silver	107-1	0.19	0.18	0.17	0.18	6.51	ppb
Silver	109-1	0.16	0.17	0.17	0.16	1.57	ppb
Sodium	23-2	211.84	211.27	213.20	212.10	0.47	ppb
Strontium	86-1	186.94	189.66	188.65	188.42	0.73	ppb
Strontium	88-1	188.67	190.77	189.10	189.51	0.59	ppb
Sulfur	34-1	-714.67	-682.56	-618.87	-672.03		ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	0.68	0.71	0.64	0.68	4.86	ppb
Thallium	205-1	0.68	0.66	0.67	0.67	1.28	ppb
Tin	118-1	3.89	4.08	4.17	4.05	3.56	ppb
Titanium	47-1	1020.37	1025.92	1023.41	1023.23	0.27	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-03	Instrumnet Name :	P7
Client Sample ID :	MYD9S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:23:15	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.25	1.20	1.22	2.30	ppb
Vanadium	51-2	262.20	260.00	255.57	259.26	1.30	ppb
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	322.27	321.78	315.30	319.78	1.22	ppb
Zirconium	90-1	20.63	20.73	20.72	20.69	0.24	ppb
Zirconium	91-1	20.80	20.98	20.29	20.69	1.73	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-04	Instrumnet Name :	P7
Client Sample ID :	MYD9S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:26:38	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44814.93	45115.07	44269.33	44733.11	0.96	ppb
Antimony	121-1	4.95	5.22	5.06	5.08	2.68	ppb
Arsenic	75-2	183.47	180.96	185.00	183.14	1.11	ppb
Barium	135-1	456.34	463.58	465.95	461.95	1.08	ppb
Barium	137-1	456.20	462.29	465.25	461.25	1.00	ppb
Beryllium	9-1	1.93	2.05	2.21	2.06	7.00	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.82	2.83	2.35	3.00	24.83	ppb
Cadmium	106-1	4.71	4.63	5.74	5.03	12.37	ppb
Cadmium	111-1	1.07	1.08	1.21	1.12	7.03	ppb
Calcium	43-1	9039.08	9292.68	9325.73	9219.16	1.70	ppb
Calcium	44-1	9333.39	9469.87	9441.10	9414.79	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.90	124.17	125.17	124.75	0.42	ppb
Cobalt	59-2	69.24	68.70	67.61	68.52	1.21	ppb
Copper	63-2	200.85	198.69	200.93	200.16	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				115		%
Holmium	165-2				112		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	127309.23	126288.42	126310.32	126635.99	0.46	ppb
Iron	57-2	126556.77	123274.54	126092.38	125307.89	1.42	ppb
Iron	54-2	125885.37	124173.63	124178.31	124745.77	0.79	ppb
Krypton	83-1						cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-04	Instrumnet Name :	P7
Client Sample ID :	MYD9S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:26:38	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.65	48.85	48.87	48.46	1.44	ppb
Lead	207-1	45.71	46.86	47.21	46.59	1.69	ppb
Lead	208-1	46.69	47.74	48.19	47.54	1.62	ppb
Lithium	6-1				93		%
Magnesium	24-2	19031.58	18784.78	18740.17	18852.18	0.83	ppb
Manganese	55-2	2381.30	2360.74	2365.00	2369.01	0.46	ppb
Molybdenum	94-1	37.65	38.34	38.74	38.24	1.44	ppb
Molybdenum	95-1	1.38	1.23	1.33	1.31	5.55	ppb
Molybdenum	96-1	6.04	6.08	6.38	6.16	3.00	ppb
Molybdenum	97-1	1.29	1.35	1.39	1.34	4.08	ppb
Molybdenum	98-1	1.22	1.18	1.34	1.25	6.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.77	130.84	130.28	130.96	0.58	ppb
Phosphorus	31-2	1944.70	1985.34	2002.34	1977.46	1.50	ppb
Potassium	39-2	9637.78	9518.81	9465.11	9540.57	0.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	0.42	2.98	2.21	1.87	70.09	ppb
Selenium	77-2	19.48	21.75	13.24	18.16	24.26	ppb
Selenium	78-2	1.58	0.47	3.57	1.87	83.80	ppb
Silicon	28-1	2951.79	2940.28	2911.99	2934.69	0.70	ppb
Silver	107-1	0.25	0.24	0.28	0.25	8.22	ppb
Silver	109-1	0.23	0.26	0.25	0.25	6.91	ppb
Sodium	23-2	191.54	196.86	195.07	194.49	1.39	ppb
Strontium	86-1	68.43	70.49	69.12	69.35	1.52	ppb
Strontium	88-1	68.80	69.75	69.73	69.42	0.78	ppb
Sulfur	34-1	-863.75	-852.63	-1051.49	-922.62		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.54	0.52	0.51	0.52	2.24	ppb
Thallium	205-1	0.48	0.46	0.50	0.48	4.22	ppb
Tin	118-1	2.89	2.85	2.89	2.88	0.74	ppb
Titanium	47-1	1052.74	1055.53	1053.52	1053.93	0.14	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-04	Instrumnet Name :	P7
Client Sample ID :	MYD9S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:26:38	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.38	1.42	1.46	1.42	2.74	ppb
Vanadium	51-2	219.70	217.58	215.99	217.76	0.85	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	246.43	247.87	241.11	245.13	1.45	ppb
Zirconium	90-1	21.19	21.86	21.66	21.57	1.60	ppb
Zirconium	91-1	20.94	21.78	21.76	21.49	2.22	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-05	Instrumnet Name :	P7
Client Sample ID :	MYD9S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:30:04	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56658.23	56045.56	57383.13	56695.64	1.18	ppb
Antimony	121-1	2.43	2.48	2.49	2.47	1.27	ppb
Arsenic	75-2	206.39	207.68	211.02	208.36	1.15	ppb
Barium	135-1	733.80	738.30	730.68	734.26	0.52	ppb
Barium	137-1	733.75	740.53	733.33	735.87	0.55	ppb
Beryllium	9-1	2.56	2.26	2.02	2.28	11.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.14	3.42	3.07	2.88	23.06	ppb
Cadmium	106-1	5.68	2.56	3.97	4.07	38.42	ppb
Cadmium	111-1	0.89	0.58	0.83	0.77	21.55	ppb
Calcium	43-1	59908.42	60866.80	60843.41	60539.54	0.90	ppb
Calcium	44-1	56862.49	57982.73	57957.30	57600.84	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.49	130.82	131.67	130.99	0.47	ppb
Cobalt	59-2	120.59	121.19	124.22	122.00	1.59	ppb
Copper	63-2	139.59	140.04	142.76	140.79	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				115		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	125117.58	125693.87	127941.13	126250.86	1.18	ppb
Iron	57-2	125243.58	122845.37	126577.35	124888.77	1.51	ppb
Iron	54-2	126331.64	126581.98	126855.19	126589.61	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-05	Instrumnet Name :	P7
Client Sample ID :	MYD9S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:30:04	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.11	42.59	43.11	42.61	1.18	ppb
Lead	207-1	39.10	39.61	40.55	39.76	1.84	ppb
Lead	208-1	40.36	40.90	41.03	40.76	0.87	ppb
Lithium	6-1				92		%
Magnesium	24-2	27214.19	26872.51	27274.69	27120.46	0.80	ppb
Manganese	55-2	3122.21	3174.52	3237.79	3178.17	1.82	ppb
Molybdenum	94-1	39.61	40.06	40.00	39.89	0.60	ppb
Molybdenum	95-1	1.08	0.99	0.98	1.01	5.45	ppb
Molybdenum	96-1	5.70	5.97	6.10	5.92	3.40	ppb
Molybdenum	97-1	0.88	0.97	0.92	0.93	4.63	ppb
Molybdenum	98-1	0.99	0.85	0.83	0.89	9.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	176.53	180.37	179.88	178.92	1.17	ppb
Phosphorus	31-2	2420.92	2525.40	2279.47	2408.60	5.12	ppb
Potassium	39-2	8340.39	8357.06	8507.34	8401.60	1.09	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	1.63	2.74	1.98	2.12	26.89	ppb
Selenium	77-2	12.14	20.62	9.79	14.18	40.17	ppb
Selenium	78-2	2.61	3.99	0.56	2.39	72.40	ppb
Silicon	28-1	2676.31	2669.09	2680.12	2675.17	0.21	ppb
Silver	107-1	0.18	0.20	0.21	0.19	7.48	ppb
Silver	109-1	0.19	0.17	0.19	0.18	4.74	ppb
Sodium	23-2	195.84	198.91	204.91	199.89	2.31	ppb
Strontium	86-1	155.06	153.48	154.69	154.41	0.53	ppb
Strontium	88-1	154.20	153.89	154.51	154.20	0.20	ppb
Sulfur	34-1	-719.59	-532.81	-549.88	-600.76		ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.61	0.59	0.60	0.60	2.10	ppb
Thallium	205-1	0.58	0.57	0.59	0.58	1.16	ppb
Tin	118-1	4.09	4.27	4.09	4.15	2.51	ppb
Titanium	47-1	1001.68	1021.90	1020.10	1014.56	1.10	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-05	Instrumnet Name :	P7
Client Sample ID :	MYD9S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:30:04	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.09	1.10	1.09	0.54	ppb
Vanadium	51-2	228.47	226.87	233.84	229.72	1.59	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	270.06	271.62	276.26	272.65	1.18	ppb
Zirconium	90-1	22.85	22.65	22.88	22.79	0.56	ppb
Zirconium	91-1	22.43	22.34	22.74	22.50	0.94	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-06	Instrumnet Name :	P7
Client Sample ID :	MYD9S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:33:26	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52002.43	50411.77	52113.90	51509.37	1.85	ppb
Antimony	121-1	2.42	2.46	2.30	2.39	3.48	ppb
Arsenic	75-2	159.15	153.41	156.15	156.23	1.84	ppb
Barium	135-1	1011.66	1039.08	1022.53	1024.42	1.35	ppb
Barium	137-1	1013.51	1034.22	1027.63	1025.12	1.03	ppb
Beryllium	9-1	2.05	1.73	1.85	1.88	8.58	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.56	3.45	4.17	3.73	10.30	ppb
Cadmium	106-1	3.75	3.95	3.91	3.87	2.77	ppb
Cadmium	111-1	1.84	2.15	2.09	2.03	8.05	ppb
Calcium	43-1	87216.85	87857.09	88202.67	87758.87	0.57	ppb
Calcium	44-1	82675.69	84564.17	83483.42	83574.43	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117.55	114.75	115.90	116.07	1.21	ppb
Cobalt	59-2	71.55	69.55	69.27	70.12	1.77	ppb
Copper	63-2	159.77	158.22	159.15	159.04	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				112		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	127984.38	126026.17	127670.41	127226.99	0.83	ppb
Iron	57-2	126337.63	125686.38	125148.44	125724.15	0.47	ppb
Iron	54-2	128853.50	123989.76	125799.37	126214.21	1.95	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-06	Instrumnet Name :	P7
Client Sample ID :	MYD9S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:33:26	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.97	43.13	43.18	42.76	1.61	ppb
Lead	207-1	40.57	41.36	41.26	41.06	1.05	ppb
Lead	208-1	41.33	41.89	41.69	41.64	0.68	ppb
Lithium	6-1				89		%
Magnesium	24-2	27850.54	27276.07	27108.20	27411.60	1.42	ppb
Manganese	55-2	6719.05	6503.24	6567.89	6596.73	1.68	ppb
Molybdenum	94-1	33.38	33.47	34.56	33.80	1.94	ppb
Molybdenum	95-1	1.12	1.19	1.17	1.16	2.87	ppb
Molybdenum	96-1	5.26	5.21	5.68	5.38	4.73	ppb
Molybdenum	97-1	0.91	1.04	1.13	1.03	10.82	ppb
Molybdenum	98-1	1.04	0.89	0.97	0.97	7.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	183.06	179.00	180.98	181.01	1.12	ppb
Phosphorus	31-2	3026.05	2835.80	2918.41	2926.75	3.26	ppb
Potassium	39-2	7224.61	7060.84	7100.03	7128.49	1.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	1.85	1.35	-0.17	1.01	104.12	ppb
Selenium	77-2	14.79	17.33	21.21	17.78	18.18	ppb
Selenium	78-2	3.46	0.29	4.66	2.81	80.47	ppb
Silicon	28-1	2488.97	2530.37	2498.96	2506.10	0.86	ppb
Silver	107-1	0.16	0.13	0.18	0.16	17.01	ppb
Silver	109-1	0.13	0.17	0.17	0.16	13.99	ppb
Sodium	23-2	225.70	219.18	224.87	223.25	1.59	ppb
Strontium	86-1	218.60	218.30	221.97	219.62	0.93	ppb
Strontium	88-1	219.68	219.68	222.01	220.46	0.61	ppb
Sulfur	34-1	-433.27	-387.93	-320.41	-380.54		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.56	0.56	0.52	0.55	3.77	ppb
Thallium	205-1	0.52	0.55	0.56	0.54	3.63	ppb
Tin	118-1	3.60	3.69	3.70	3.66	1.58	ppb
Titanium	47-1	983.57	988.66	984.32	985.52	0.28	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-06	Instrumnet Name :	P7
Client Sample ID :	MYD9S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:33:26	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.67	1.68	1.66	1.67	0.67	ppb
Vanadium	51-2	219.56	216.08	216.71	217.45	0.85	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	606.85	595.56	596.56	599.66	1.04	ppb
Zirconium	90-1	19.33	19.42	19.45	19.40	0.32	ppb
Zirconium	91-1	19.25	18.72	20.09	19.35	3.56	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-07	Instrumnet Name :	P7
Client Sample ID :	MYD9S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:36:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38896.09	38699.64	39051.04	38882.26	0.45	ppb
Antimony	121-1	2.41	2.58	2.51	2.50	3.39	ppb
Arsenic	75-2	47.52	46.14	47.10	46.92	1.51	ppb
Barium	135-1	297.04	307.79	303.25	302.70	1.78	ppb
Barium	137-1	298.95	308.43	305.75	304.38	1.60	ppb
Beryllium	9-1	2.06	1.84	1.78	1.89	7.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.92	0.93	1.08	0.97	9.51	ppb
Cadmium	106-1	-1.10	2.17	2.27	1.11	172.34	ppb
Cadmium	111-1	0.38	0.85	0.66	0.63	37.82	ppb
Calcium	43-1	115654.72	117699.28	117365.90	116906.63	0.94	ppb
Calcium	44-1	110650.10	111901.64	111096.78	111216.17	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.24	97.03	98.82	97.36	1.36	ppb
Cobalt	59-2	40.18	42.39	41.47	41.35	2.68	ppb
Copper	63-2	99.60	101.37	99.69	100.22	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	77517.99	79099.36	79868.60	78828.65	1.52	ppb
Iron	57-2	81704.09	82429.10	82918.75	82350.65	0.74	ppb
Iron	54-2	78220.59	79319.45	79629.21	79056.42	0.94	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-07	Instrumnet Name :	P7
Client Sample ID :	MYD9S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:36:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.55	28.85	28.61	28.67	0.55	ppb
Lead	207-1	26.34	26.44	25.84	26.21	1.23	ppb
Lead	208-1	27.02	27.10	26.72	26.95	0.73	ppb
Lithium	6-1				87		%
Magnesium	24-2	38305.68	39169.51	38872.02	38782.41	1.13	ppb
Manganese	55-2	1688.42	1710.12	1713.44	1703.99	0.80	ppb
Molybdenum	94-1	4.84	5.06	5.42	5.11	5.72	ppb
Molybdenum	95-1	0.89	0.96	0.87	0.91	5.17	ppb
Molybdenum	96-1	1.91	1.81	1.91	1.88	3.33	ppb
Molybdenum	97-1	0.84	0.97	1.04	0.95	11.00	ppb
Molybdenum	98-1	0.89	0.95	0.84	0.89	6.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.65	88.90	83.70	85.42	3.53	ppb
Phosphorus	31-2	8058.78	8225.68	8273.92	8186.13	1.38	ppb
Potassium	39-2	5862.88	5947.45	5872.62	5894.32	0.78	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.84	0.77	1.35	0.98	32.35	ppb
Selenium	77-2	10.87	3.65	9.68	8.07	47.99	ppb
Selenium	78-2	-3.01	3.33	-1.27	-0.32		ppb
Silicon	28-1	2542.46	2526.78	2535.55	2534.93	0.31	ppb
Silver	107-1	0.30	0.27	0.34	0.30	10.80	ppb
Silver	109-1	0.29	0.29	0.32	0.30	5.21	ppb
Sodium	23-2	581.70	600.43	600.42	594.18	1.82	ppb
Strontium	86-1	96.35	97.21	99.55	97.71	1.70	ppb
Strontium	88-1	97.45	99.01	99.35	98.60	1.03	ppb
Sulfur	34-1	-93.77	-60.27	9.72	-48.11		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.36	0.33	0.37	0.35	6.68	ppb
Thallium	205-1	0.35	0.34	0.35	0.34	1.88	ppb
Tin	118-1	2.61	2.69	2.65	2.65	1.55	ppb
Titanium	47-1	1039.16	1046.94	1049.57	1045.22	0.52	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-07	Instrumnet Name :	P7
Client Sample ID :	MYD9S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:36:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.77	2.78	2.81	2.79	0.67	ppb
Vanadium	51-2	181.66	186.80	186.30	184.92	1.53	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	271.65	273.74	273.72	273.03	0.44	ppb
Zirconium	90-1	2.37	2.47	2.49	2.44	2.62	ppb
Zirconium	91-1	2.58	2.26	2.54	2.46	7.20	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-08	Instrumnet Name :	P7
Client Sample ID :	MYD9S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:40:16	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29981.06	30540.98	30272.19	30264.74	0.93	ppb
Antimony	121-1	3.99	3.93	3.93	3.95	0.93	ppb
Arsenic	75-2	147.00	143.18	145.65	145.28	1.33	ppb
Barium	135-1	453.34	453.75	459.13	455.41	0.71	ppb
Barium	137-1	457.46	454.38	457.16	456.33	0.37	ppb
Beryllium	9-1	1.49	1.51	1.51	1.50	0.93	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.59	2.36	2.94	2.63	11.07	ppb
Cadmium	106-1	3.75	0.87	3.48	2.70	58.95	ppb
Cadmium	111-1	1.18	1.01	1.32	1.17	13.65	ppb
Calcium	43-1	26391.42	26479.19	27129.60	26666.74	1.51	ppb
Calcium	44-1	24993.65	25173.06	25321.86	25162.86	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.83	103.19	101.16	102.06	1.01	ppb
Cobalt	59-2	52.03	51.02	50.94	51.33	1.19	ppb
Copper	63-2	196.14	199.40	197.61	197.71	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				114		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	98655.12	99395.06	99494.68	99181.62	0.46	ppb
Iron	57-2	102892.81	103612.34	102053.16	102852.77	0.76	ppb
Iron	54-2	98514.80	98925.52	99559.88	99000.07	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-08	Instrumnet Name :	P7
Client Sample ID :	MYD9S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:40:16	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	157.74	157.38	160.78	158.63	1.18	ppb
Lead	207-1	156.15	156.07	158.93	157.05	1.03	ppb
Lead	208-1	157.39	156.38	159.26	157.67	0.93	ppb
Lithium	6-1				88		%
Magnesium	24-2	16444.31	16648.45	16401.05	16497.94	0.80	ppb
Manganese	55-2	2488.38	2495.07	2467.62	2483.69	0.58	ppb
Molybdenum	94-1	24.75	25.98	26.82	25.85	4.04	ppb
Molybdenum	95-1	1.33	1.35	1.33	1.34	0.91	ppb
Molybdenum	96-1	4.80	4.61	4.85	4.75	2.70	ppb
Molybdenum	97-1	1.37	1.54	1.37	1.43	6.69	ppb
Molybdenum	98-1	1.36	1.43	1.44	1.41	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.66	109.44	104.01	106.70	2.54	ppb
Phosphorus	31-2	2410.55	2386.99	2455.74	2417.76	1.45	ppb
Potassium	39-2	7746.88	7787.17	7716.76	7750.27	0.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	1.41	1.82	1.09	1.44	25.52	ppb
Selenium	77-2	12.34	6.18	8.75	9.09	34.02	ppb
Selenium	78-2	1.69	0.64	1.08	1.14	46.49	ppb
Silicon	28-1	2682.87	2684.26	2682.61	2683.25	0.03	ppb
Silver	107-1	0.28	0.30	0.31	0.30	6.43	ppb
Silver	109-1	0.31	0.31	0.30	0.31	1.74	ppb
Sodium	23-2	180.12	186.32	182.42	182.95	1.71	ppb
Strontium	86-1	125.03	126.21	129.53	126.93	1.84	ppb
Strontium	88-1	124.92	126.47	129.98	127.12	2.04	ppb
Sulfur	34-1	407.01	311.31	169.08	295.80	40.47	ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.41	0.42	0.37	0.40	5.67	ppb
Thallium	205-1	0.38	0.38	0.40	0.39	3.51	ppb
Tin	118-1	2.81	2.95	2.87	2.87	2.44	ppb
Titanium	47-1	828.50	840.63	836.00	835.05	0.73	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-08	Instrumnet Name :	P7
Client Sample ID :	MYD9S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:40:16	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.04	1.07	1.04	2.63	ppb
Vanadium	51-2	180.06	181.72	180.89	180.89	0.46	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	312.42	322.71	314.00	316.38	1.75	ppb
Zirconium	90-1	14.21	14.39	14.76	14.45	1.92	ppb
Zirconium	91-1	14.61	14.44	14.47	14.51	0.61	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-09	Instrumnet Name :	P7
Client Sample ID :	MYD9S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:43:43	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33534.76	33455.44	32513.30	33167.83	1.71	ppb
Antimony	121-1	3.04	3.01	3.24	3.10	4.14	ppb
Arsenic	75-2	204.25	211.60	205.83	207.23	1.87	ppb
Barium	135-1	352.20	347.69	349.00	349.63	0.66	ppb
Barium	137-1	353.26	346.93	350.22	350.13	0.90	ppb
Beryllium	9-1	1.21	1.82	1.68	1.57	20.27	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.93	2.99	2.03	2.32	25.39	ppb
Cadmium	106-1	4.16	3.18	2.77	3.37	21.15	ppb
Cadmium	111-1	1.18	0.83	0.92	0.98	18.29	ppb
Calcium	43-1	22478.85	22576.16	22651.63	22568.88	0.38	ppb
Calcium	44-1	21296.15	21208.50	21898.15	21467.60	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116.30	117.79	116.08	116.72	0.79	ppb
Cobalt	59-2	54.99	54.62	52.80	54.13	2.16	ppb
Copper	63-2	202.30	202.77	196.86	200.64	1.63	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				114		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	117063.35	117342.22	113444.90	115950.16	1.88	ppb
Iron	57-2	116045.80	116156.07	112437.41	114879.76	1.84	ppb
Iron	54-2	117769.15	115727.31	114436.93	115977.80	1.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-09	Instrumnet Name :	P7
Client Sample ID :	MYD9S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:43:43	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.40	47.91	48.21	47.84	0.86	ppb
Lead	207-1	47.01	46.83	47.38	47.07	0.59	ppb
Lead	208-1	46.88	47.17	47.38	47.14	0.54	ppb
Lithium	6-1				89		%
Magnesium	24-2	15793.41	15729.33	15408.97	15643.90	1.32	ppb
Manganese	55-2	2219.90	2206.07	2169.41	2198.46	1.19	ppb
Molybdenum	94-1	28.59	29.84	28.94	29.12	2.21	ppb
Molybdenum	95-1	1.19	1.37	1.31	1.29	6.88	ppb
Molybdenum	96-1	5.08	5.34	5.14	5.19	2.55	ppb
Molybdenum	97-1	1.38	1.44	1.43	1.42	2.21	ppb
Molybdenum	98-1	1.30	1.42	1.30	1.34	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.33	105.10	103.38	103.94	0.97	ppb
Phosphorus	31-2	1776.01	1663.31	1602.04	1680.45	5.25	ppb
Potassium	39-2	8229.39	8196.28	8071.02	8165.56	1.02	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	1.57	2.79	1.95	2.10	29.72	ppb
Selenium	77-2	23.93	7.56	7.51	13.00	72.82	ppb
Selenium	78-2	1.87	0.42	2.17	1.49	62.98	ppb
Silicon	28-1	2856.66	2860.71	2907.45	2874.94	0.98	ppb
Silver	107-1	0.29	0.24	0.27	0.27	9.26	ppb
Silver	109-1	0.26	0.26	0.26	0.26	0.50	ppb
Sodium	23-2	177.77	174.81	170.74	174.44	2.02	ppb
Strontium	86-1	102.17	99.66	102.38	101.40	1.49	ppb
Strontium	88-1	99.67	101.23	102.34	101.08	1.33	ppb
Sulfur	34-1	-159.36	-442.60	-499.37	-367.11		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.36	0.36	0.39	0.37	4.79	ppb
Thallium	205-1	0.40	0.37	0.36	0.38	5.79	ppb
Tin	118-1	2.84	2.68	2.59	2.70	4.69	ppb
Titanium	47-1	969.17	975.55	972.18	972.30	0.33	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-09	Instrumnet Name :	P7
Client Sample ID :	MYD9S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:43:43	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.10	1.11	1.09	1.78	ppb
Vanadium	51-2	216.48	217.63	213.77	215.96	0.92	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	243.65	238.79	237.52	239.99	1.35	ppb
Zirconium	90-1	15.83	16.11	16.22	16.05	1.26	ppb
Zirconium	91-1	15.83	16.20	16.11	16.05	1.22	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-10	Instrumnet Name :	P7
Client Sample ID :	MYD9T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:47:07	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16458.97	16517.18	16316.68	16430.94	0.63	ppb
Antimony	121-1	1.34	1.35	1.30	1.33	2.02	ppb
Arsenic	75-2	63.56	62.86	61.35	62.59	1.81	ppb
Barium	135-1	301.85	300.88	300.86	301.20	0.19	ppb
Barium	137-1	302.45	301.52	304.45	302.81	0.49	ppb
Beryllium	9-1	0.76	0.69	0.64	0.70	8.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.77	0.52	0.63	19.69	ppb
Cadmium	106-1	-0.13	0.33	-0.24	-0.02		ppb
Cadmium	111-1	0.21	0.26	0.28	0.25	15.05	ppb
Calcium	43-1	96914.86	97214.56	96774.58	96968.00	0.23	ppb
Calcium	44-1	92494.60	93087.72	92869.09	92817.14	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68.89	68.07	69.42	68.80	0.98	ppb
Cobalt	59-2	38.70	39.06	38.63	38.80	0.60	ppb
Copper	63-2	77.32	78.30	77.80	77.81	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				111		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	37586.16	38053.65	37362.06	37667.29	0.94	ppb
Iron	57-2	39652.45	39692.96	39361.88	39569.10	0.46	ppb
Iron	54-2	39292.59	39649.87	39196.22	39379.56	0.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-10	Instrumnet Name :	P7
Client Sample ID :	MYD9T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:47:07	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.27	18.40	18.32	18.33	0.37	ppb
Lead	207-1	17.37	17.55	17.22	17.38	0.95	ppb
Lead	208-1	17.80	17.71	17.59	17.70	0.60	ppb
Lithium	6-1				86		%
Magnesium	24-2	11729.95	11739.86	11597.28	11689.03	0.68	ppb
Manganese	55-2	2829.23	2859.13	2822.40	2836.92	0.69	ppb
Molybdenum	94-1	8.92	8.31	8.37	8.53	3.93	ppb
Molybdenum	95-1	2.68	2.40	2.39	2.49	6.75	ppb
Molybdenum	96-1	3.57	3.26	3.23	3.35	5.59	ppb
Molybdenum	97-1	2.53	2.55	2.44	2.51	2.26	ppb
Molybdenum	98-1	2.38	2.38	2.42	2.39	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.40	48.91	49.14	49.48	1.62	ppb
Phosphorus	31-2	2975.88	2999.75	3007.08	2994.24	0.54	ppb
Potassium	39-2	5259.01	5287.05	5247.55	5264.54	0.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	1.84	2.57	1.87	2.09	19.82	ppb
Selenium	77-2	4.13	5.53	13.70	7.78	66.37	ppb
Selenium	78-2	1.49	-2.07	-0.13	-0.23		ppb
Silicon	28-1	2430.35	2415.72	2419.24	2421.77	0.32	ppb
Silver	107-1	0.09	0.11	0.10	0.10	10.73	ppb
Silver	109-1	0.10	0.12	0.10	0.11	8.26	ppb
Sodium	23-2	367.13	366.74	372.49	368.78	0.87	ppb
Strontium	86-1	303.18	295.14	295.69	298.00	1.51	ppb
Strontium	88-1	301.61	301.71	300.49	301.27	0.23	ppb
Sulfur	34-1	3527.11	3135.74	2970.65	3211.16	8.90	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	2.34	2.29	2.31	2.31	1.20	ppb
Thallium	205-1	2.39	2.24	2.22	2.28	4.05	ppb
Tin	118-1	2.48	2.72	2.55	2.59	4.89	ppb
Titanium	47-1	546.50	561.21	560.07	555.93	1.47	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-10	Instrumnet Name :	P7
Client Sample ID :	MYD9T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:47:07	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.21	1.27	1.28	1.25	2.85	ppb
Vanadium	51-2	91.75	92.90	93.00	92.55	0.76	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	241.09	241.91	241.47	241.49	0.17	ppb
Zirconium	90-1	3.70	3.61	3.78	3.70	2.29	ppb
Zirconium	91-1	3.69	3.76	3.78	3.74	1.29	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-11	Instrumnet Name :	P7
Client Sample ID :	MYD9T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:50:36	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58921.42	57623.12	58371.56	58305.37	1.12	ppb
Antimony	121-1	4.63	4.57	5.04	4.75	5.40	ppb
Arsenic	75-2	196.51	199.82	195.64	197.32	1.12	ppb
Barium	135-1	880.08	890.38	955.05	908.50	4.47	ppb
Barium	137-1	878.65	895.71	953.35	909.24	4.30	ppb
Beryllium	9-1	2.22	1.99	2.73	2.31	16.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.80	4.01	3.61	3.81	5.22	ppb
Cadmium	106-1	5.08	5.43	5.71	5.41	5.84	ppb
Cadmium	111-1	0.97	1.04	1.14	1.05	8.31	ppb
Calcium	43-1	35600.18	36356.05	37814.16	36590.13	3.08	ppb
Calcium	44-1	34046.44	34968.31	36160.59	35058.45	3.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134.63	131.86	135.21	133.90	1.34	ppb
Cobalt	59-2	71.06	71.10	71.93	71.36	0.69	ppb
Copper	63-2	223.38	218.53	222.90	221.60	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				110		%
Holmium	165-2				110		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	139663.36	138186.73	139304.28	139051.45	0.55	ppb
Iron	57-2	140333.28	135970.46	138655.76	138319.83	1.59	ppb
Iron	54-2	140665.92	136995.88	138881.12	138847.64	1.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-11	Instrumnet Name :	P7
Client Sample ID :	MYD9T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:50:36	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.39	43.62	46.01	44.34	3.27	ppb
Lead	207-1	41.99	42.62	45.20	43.27	3.94	ppb
Lead	208-1	42.41	42.73	45.21	43.45	3.53	ppb
Lithium	6-1				86		%
Magnesium	24-2	32686.08	31721.86	32732.00	32379.98	1.76	ppb
Manganese	55-2	2715.80	2675.35	2734.56	2708.57	1.12	ppb
Molybdenum	94-1	44.55	46.00	47.42	45.99	3.12	ppb
Molybdenum	95-1	1.06	1.13	1.08	1.09	3.32	ppb
Molybdenum	96-1	6.77	6.81	7.21	6.93	3.49	ppb
Molybdenum	97-1	1.13	1.10	1.17	1.13	3.16	ppb
Molybdenum	98-1	1.05	1.02	1.12	1.06	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	176.37	175.64	176.42	176.14	0.25	ppb
Phosphorus	31-2	3482.08	3663.32	3579.73	3575.04	2.54	ppb
Potassium	39-2	8030.05	7933.37	8043.65	8002.36	0.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				112		%
Selenium	82-1	2.42	1.93	1.20	1.85	33.29	ppb
Selenium	77-2	19.40	16.87	15.74	17.34	10.80	ppb
Selenium	78-2	2.94	3.58	3.28	3.27	9.75	ppb
Silicon	28-1	2544.12	2539.81	2655.90	2579.94	2.55	ppb
Silver	107-1	0.28	0.32	0.35	0.31	11.58	ppb
Silver	109-1	0.29	0.31	0.29	0.29	4.59	ppb
Sodium	23-2	221.53	218.02	228.14	222.57	2.31	ppb
Strontium	86-1	222.76	230.21	234.66	229.21	2.62	ppb
Strontium	88-1	223.50	227.82	235.55	228.96	2.67	ppb
Sulfur	34-1	-729.12	-857.36	-423.28	-669.92		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.49	0.53	0.58	0.54	8.82	ppb
Thallium	205-1	0.49	0.52	0.55	0.52	6.35	ppb
Tin	118-1	3.80	3.90	4.07	3.92	3.50	ppb
Titanium	47-1	1144.05	1151.21	1212.30	1169.19	3.21	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-11	Instrumnet Name :	P7
Client Sample ID :	MYD9T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:50:36	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.37	1.47	1.40	3.98	ppb
Vanadium	51-2	261.02	255.73	257.90	258.22	1.03	ppb
Yttrium	89-1				112		%
Yttrium	89-2				113		%
Zinc	66-2	498.25	487.89	489.16	491.77	1.15	ppb
Zirconium	90-1	25.43	26.22	27.22	26.29	3.42	ppb
Zirconium	91-1	25.55	25.75	27.45	26.25	3.97	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-12	Instrumnet Name :	P7
Client Sample ID :	MYD9T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:53:59	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37986.32	37269.10	38521.85	37925.75	1.66	ppb
Antimony	121-1	2.52	2.40	2.48	2.46	2.39	ppb
Arsenic	75-2	142.75	141.44	145.42	143.20	1.41	ppb
Barium	135-1	440.64	434.12	434.84	436.54	0.82	ppb
Barium	137-1	442.20	432.53	437.05	437.26	1.11	ppb
Beryllium	9-1	1.53	1.24	1.57	1.44	12.43	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.15	1.09	1.02	1.08	6.00	ppb
Cadmium	106-1	0.96	-0.64	-0.47	-0.05		ppb
Cadmium	111-1	0.50	0.35	0.46	0.43	18.32	ppb
Calcium	43-1	14480.05	14269.29	14333.74	14361.02	0.75	ppb
Calcium	44-1	14408.15	14498.30	14449.66	14452.03	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116.05	114.30	116.38	115.57	0.97	ppb
Cobalt	59-2	65.97	65.76	66.24	65.99	0.37	ppb
Copper	63-2	169.64	166.04	171.19	168.96	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	129515.90	126466.17	130510.47	128830.84	1.64	ppb
Iron	57-2	128075.81	124517.73	131301.09	127964.88	2.65	ppb
Iron	54-2	128761.85	127252.64	129544.88	128519.79	0.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-12	Instrumnet Name :	P7
Client Sample ID :	MYD9T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:53:59	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.44	34.97	35.99	35.47	1.45	ppb
Lead	207-1	32.59	32.83	33.35	32.92	1.18	ppb
Lead	208-1	33.56	33.57	34.12	33.75	0.94	ppb
Lithium	6-1				89		%
Magnesium	24-2	19699.21	19197.68	19710.08	19535.66	1.50	ppb
Manganese	55-2	2623.27	2594.21	2645.34	2620.94	0.98	ppb
Molybdenum	94-1	10.37	10.33	10.70	10.47	1.97	ppb
Molybdenum	95-1	1.23	1.18	1.31	1.24	5.13	ppb
Molybdenum	96-1	3.05	3.28	3.16	3.16	3.70	ppb
Molybdenum	97-1	1.14	1.32	1.16	1.21	8.40	ppb
Molybdenum	98-1	1.20	1.16	1.11	1.16	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.57	99.78	104.06	102.14	2.13	ppb
Phosphorus	31-2	2305.66	2202.60	2246.00	2251.42	2.30	ppb
Potassium	39-2	8861.31	8667.83	8820.14	8783.10	1.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.67	1.68	1.59	1.31	42.79	ppb
Selenium	77-2	14.96	4.92	13.76	11.22	48.89	ppb
Selenium	78-2	0.70	-0.81	-1.80	-0.64		ppb
Silicon	28-1	2664.97	2659.82	2635.72	2653.51	0.59	ppb
Silver	107-1	0.18	0.15	0.14	0.16	13.96	ppb
Silver	109-1	0.15	0.14	0.16	0.15	5.01	ppb
Sodium	23-2	217.03	210.39	223.38	216.93	2.99	ppb
Strontium	86-1	90.31	92.62	92.79	91.91	1.51	ppb
Strontium	88-1	91.21	92.80	92.67	92.23	0.96	ppb
Sulfur	34-1	-902.69	-941.39	-896.38	-913.49		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.39	0.34	0.31	0.35	12.55	ppb
Thallium	205-1	0.34	0.35	0.32	0.33	5.10	ppb
Tin	118-1	3.20	3.37	3.22	3.26	2.82	ppb
Titanium	47-1	1064.53	1068.20	1083.70	1072.14	0.95	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-12	Instrumnet Name :	P7
Client Sample ID :	MYD9T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:53:59	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.47	1.46	1.49	1.48	1.14	ppb
Vanadium	51-2	241.66	239.50	240.78	240.65	0.45	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	238.85	235.09	240.56	238.17	1.18	ppb
Zirconium	90-1	5.18	5.29	5.43	5.30	2.39	ppb
Zirconium	91-1	5.63	5.55	5.31	5.50	2.96	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-13	Instrumnet Name :	P7
Client Sample ID :	MYD9T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:57:27	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47320.73	45622.99	46332.17	46425.30	1.84	ppb
Antimony	121-1	1.75	1.77	1.74	1.76	0.72	ppb
Arsenic	75-2	164.34	167.92	167.38	166.54	1.16	ppb
Barium	135-1	505.57	505.55	513.03	508.05	0.85	ppb
Barium	137-1	506.84	504.05	509.31	506.73	0.52	ppb
Beryllium	9-1	1.81	1.94	1.72	1.82	5.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.27	3.77	2.49	3.18	20.36	ppb
Cadmium	106-1	4.36	3.13	3.79	3.76	16.38	ppb
Cadmium	111-1	0.71	0.67	0.71	0.70	3.46	ppb
Calcium	43-1	28207.79	28011.44	28221.30	28146.84	0.42	ppb
Calcium	44-1	26591.98	27256.92	27139.48	26996.13	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.04	123.03	121.69	122.59	0.63	ppb
Cobalt	59-2	50.41	49.25	48.87	49.51	1.62	ppb
Copper	63-2	126.64	124.29	124.92	125.29	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	103302.33	101755.82	101124.88	102061.01	1.10	ppb
Iron	57-2	102311.78	100799.84	99457.05	100856.22	1.42	ppb
Iron	54-2	104049.76	100913.14	100964.10	101975.67	1.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-13	Instrumnet Name :	P7
Client Sample ID :	MYD9T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:57:27	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.95	28.09	28.78	28.27	1.56	ppb
Lead	207-1	27.28	26.76	27.47	27.17	1.34	ppb
Lead	208-1	27.34	27.27	28.01	27.54	1.48	ppb
Lithium	6-1				88		%
Magnesium	24-2	23978.70	23840.59	23388.14	23735.81	1.30	ppb
Manganese	55-2	2306.63	2274.71	2263.89	2281.74	0.97	ppb
Molybdenum	94-1	41.53	41.73	41.64	41.63	0.23	ppb
Molybdenum	95-1	0.76	0.78	0.88	0.81	7.96	ppb
Molybdenum	96-1	5.84	5.84	5.78	5.82	0.52	ppb
Molybdenum	97-1	0.80	0.80	0.88	0.82	5.65	ppb
Molybdenum	98-1	0.73	0.79	0.80	0.77	4.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.40	131.99	131.78	133.05	1.53	ppb
Phosphorus	31-2	2215.84	2211.95	2189.67	2205.82	0.64	ppb
Potassium	39-2	7207.73	7132.01	7160.10	7166.61	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	2.07	1.45	1.12	1.54	31.33	ppb
Selenium	77-2	13.67	23.80	16.11	17.86	29.59	ppb
Selenium	78-2	2.83	4.35	-0.77	2.13	123.21	ppb
Silicon	28-1	2389.50	2415.55	2390.73	2398.59	0.61	ppb
Silver	107-1	0.17	0.15	0.15	0.16	5.81	ppb
Silver	109-1	0.13	0.15	0.17	0.15	11.15	ppb
Sodium	23-2	201.63	196.97	195.78	198.13	1.56	ppb
Strontium	86-1	149.30	152.58	155.40	152.43	2.00	ppb
Strontium	88-1	151.33	150.97	154.46	152.25	1.26	ppb
Sulfur	34-1	-686.53	-753.83	-637.27	-692.54		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.34	0.36	0.36	0.36	2.83	ppb
Thallium	205-1	0.32	0.34	0.33	0.33	3.53	ppb
Tin	118-1	3.31	3.33	3.40	3.35	1.44	ppb
Titanium	47-1	908.72	904.43	914.43	909.19	0.55	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-13	Instrumnet Name :	P7
Client Sample ID :	MYD9T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:57:27	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.90	0.91	1.24	ppb
Vanadium	51-2	183.04	180.96	182.99	182.33	0.65	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	211.21	211.12	212.26	211.53	0.30	ppb
Zirconium	90-1	23.85	24.15	24.13	24.04	0.71	ppb
Zirconium	91-1	23.25	23.46	24.21	23.64	2.14	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-14	Instrumnet Name :	P7
Client Sample ID :	MYD9T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:00:52	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39263.40	40395.90	40215.43	39958.24	1.52	ppb
Antimony	121-1	2.80	2.84	2.81	2.82	0.72	ppb
Arsenic	75-2	213.68	204.96	210.01	209.55	2.09	ppb
Barium	135-1	536.28	553.41	546.02	545.23	1.58	ppb
Barium	137-1	537.16	553.93	544.01	545.03	1.55	ppb
Beryllium	9-1	1.72	1.49	1.82	1.68	10.19	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	2.11	2.50	2.01	26.88	ppb
Cadmium	106-1	3.43	2.23	4.56	3.40	34.24	ppb
Cadmium	111-1	0.70	0.49	0.81	0.67	24.23	ppb
Calcium	43-1	16270.09	16409.77	16792.21	16490.69	1.64	ppb
Calcium	44-1	16598.29	16748.12	16768.25	16704.89	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.32	106.38	101.58	103.09	2.76	ppb
Cobalt	59-2	54.54	56.02	55.64	55.40	1.38	ppb
Copper	63-2	118.26	122.15	119.38	119.93	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				112		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	101303.19	103285.08	99629.11	101405.79	1.80	ppb
Iron	57-2	103513.53	106497.76	104255.30	104755.53	1.48	ppb
Iron	54-2	99642.64	101205.62	100169.18	100339.15	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-14	Instrumnet Name :	P7
Client Sample ID :	MYD9T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:00:52	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.52	34.58	34.74	34.61	0.32	ppb
Lead	207-1	33.07	32.92	33.03	33.00	0.23	ppb
Lead	208-1	33.75	33.63	33.67	33.68	0.18	ppb
Lithium	6-1				87		%
Magnesium	24-2	19473.02	20707.15	19863.94	20014.70	3.15	ppb
Manganese	55-2	2566.38	2632.60	2568.71	2589.23	1.45	ppb
Molybdenum	94-1	33.30	34.69	33.79	33.93	2.07	ppb
Molybdenum	95-1	0.94	0.95	0.95	0.95	0.52	ppb
Molybdenum	96-1	5.10	5.28	5.04	5.14	2.42	ppb
Molybdenum	97-1	0.90	0.96	0.88	0.92	4.56	ppb
Molybdenum	98-1	0.83	0.88	0.79	0.83	5.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.87	123.30	118.67	119.95	2.44	ppb
Phosphorus	31-2	2237.67	2225.21	2222.06	2228.32	0.37	ppb
Potassium	39-2	6950.46	7123.43	6967.50	7013.80	1.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	0.70	1.42	1.01	1.04	34.88	ppb
Selenium	77-2	20.44	11.56	17.59	16.53	27.40	ppb
Selenium	78-2	0.15	2.04	0.40	0.86	119.12	ppb
Silicon	28-1	2307.47	2335.23	2317.36	2320.02	0.61	ppb
Silver	107-1	0.13	0.14	0.13	0.13	4.32	ppb
Silver	109-1	0.12	0.14	0.13	0.13	6.98	ppb
Sodium	23-2	166.62	164.48	171.29	167.46	2.08	ppb
Strontium	86-1	107.13	109.45	105.97	107.52	1.65	ppb
Strontium	88-1	106.95	109.47	108.05	108.16	1.17	ppb
Sulfur	34-1	-610.44	-697.09	-629.70	-645.75		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.46	0.50	0.46	0.47	5.93	ppb
Thallium	205-1	0.44	0.42	0.44	0.44	2.34	ppb
Tin	118-1	2.74	2.86	2.80	2.80	2.20	ppb
Titanium	47-1	840.99	848.51	841.94	843.81	0.49	ppb

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-14	Instrumnet Name :	P7
Client Sample ID :	MYD9T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:00:52	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.76	0.77	0.77	1.26	ppb
Vanadium	51-2	182.07	186.93	180.67	183.22	1.79	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	204.21	212.54	205.65	207.47	2.15	ppb
Zirconium	90-1	19.08	19.93	19.59	19.54	2.19	ppb
Zirconium	91-1	19.08	19.66	19.43	19.39	1.51	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-15	Instrumnet Name :	P7
Client Sample ID :	MYD9T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:04:19	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25604.80	26334.50	25673.82	25871.04	1.56	ppb
Antimony	121-1	0.78	0.77	0.78	0.77	0.87	ppb
Arsenic	75-2	56.75	56.44	56.02	56.40	0.65	ppb
Barium	135-1	228.99	229.88	223.83	227.57	1.44	ppb
Barium	137-1	227.50	230.78	226.48	228.25	0.98	ppb
Beryllium	9-1	1.04	1.14	1.10	1.10	4.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.57	0.79	1.36	1.24	32.53	ppb
Cadmium	106-1	2.37	1.34	1.18	1.63	39.77	ppb
Cadmium	111-1	0.37	0.38	0.28	0.34	15.77	ppb
Calcium	43-1	13005.24	13595.24	13175.85	13258.78	2.29	ppb
Calcium	44-1	13288.91	13571.25	13529.58	13463.25	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.14	55.04	52.91	53.69	2.18	ppb
Cobalt	59-2	32.88	34.44	33.52	33.61	2.34	ppb
Copper	63-2	97.97	101.89	99.87	99.91	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	71570.82	73578.87	72018.47	72389.39	1.46	ppb
Iron	57-2	73586.98	76439.98	73649.07	74558.67	2.19	ppb
Iron	54-2	70904.00	73728.99	69940.25	71524.41	2.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-15	Instrumnet Name :	P7
Client Sample ID :	MYD9T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:04:19	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.79	23.80	23.72	23.77	0.18	ppb
Lead	207-1	20.12	20.20	20.29	20.20	0.40	ppb
Lead	208-1	21.27	21.29	21.31	21.29	0.08	ppb
Lithium	6-1				84		%
Magnesium	24-2	12632.85	13108.60	12740.77	12827.41	1.94	ppb
Manganese	55-2	1498.20	1551.69	1495.67	1515.19	2.09	ppb
Molybdenum	94-1	16.08	16.09	16.09	16.09	0.03	ppb
Molybdenum	95-1	0.56	0.80	0.65	0.67	17.57	ppb
Molybdenum	96-1	2.89	2.85	2.71	2.82	3.47	ppb
Molybdenum	97-1	0.58	0.71	0.73	0.67	11.78	ppb
Molybdenum	98-1	0.73	0.64	0.63	0.67	8.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.13	46.73	44.74	45.20	3.01	ppb
Phosphorus	31-2	1541.30	1598.90	1772.62	1637.61	7.35	ppb
Potassium	39-2	5413.48	5574.67	5416.48	5468.21	1.69	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	82-1	0.64	0.41	1.49	0.85	67.01	ppb
Selenium	77-2	5.34	5.41	4.03	4.93	15.76	ppb
Selenium	78-2	2.01	4.08	-2.58	1.17	291.41	ppb
Silicon	28-1	2122.81	2156.49	2130.01	2136.44	0.83	ppb
Silver	107-1	0.07	0.07	0.07	0.07	5.26	ppb
Silver	109-1	0.07	0.07	0.07	0.07	2.22	ppb
Sodium	23-2	443.09	462.67	455.61	453.79	2.19	ppb
Strontium	86-1	63.65	62.99	64.07	63.57	0.86	ppb
Strontium	88-1	63.19	63.06	63.55	63.27	0.41	ppb
Sulfur	34-1	-501.63	-436.07	-744.72	-560.81		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.16	0.15	0.16	5.05	ppb
Thallium	205-1	0.13	0.16	0.12	0.14	14.32	ppb
Tin	118-1	3.02	2.99	3.02	3.01	0.58	ppb
Titanium	47-1	1203.44	1221.31	1205.59	1210.12	0.81	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-15	Instrumnet Name :	P7
Client Sample ID :	MYD9T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:04:19	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.30	1.29	1.28	1.29	0.56	ppb
Vanadium	51-2	126.01	127.10	124.91	126.01	0.87	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	171.10	176.95	169.56	172.54	2.26	ppb
Zirconium	90-1	8.91	8.95	9.12	8.99	1.26	ppb
Zirconium	91-1	8.63	8.38	8.74	8.58	2.13	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-16	Instrumnet Name :	P7
Client Sample ID :	MYD9T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:07:45	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38209.54	39835.53	39065.13	39036.73	2.08	ppb
Antimony	121-1	0.67	0.72	0.75	0.71	5.49	ppb
Arsenic	75-2	62.01	62.34	64.68	63.01	2.31	ppb
Barium	135-1	293.44	299.14	303.12	298.56	1.63	ppb
Barium	137-1	293.43	300.03	306.77	300.08	2.22	ppb
Beryllium	9-1	1.22	1.22	1.26	1.24	1.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.62	1.54	1.22	1.46	14.57	ppb
Cadmium	106-1	1.59	0.23	0.15	0.66	123.13	ppb
Cadmium	111-1	0.29	0.17	0.16	0.21	34.38	ppb
Calcium	43-1	14868.95	15068.40	15165.96	15034.44	1.01	ppb
Calcium	44-1	15073.93	15401.72	15358.06	15277.91	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.36	62.10	60.87	60.77	2.26	ppb
Cobalt	59-2	46.61	48.43	47.35	47.47	1.93	ppb
Copper	63-2	129.26	134.55	130.86	131.55	2.06	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				110		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	97691.37	101810.82	98801.29	99434.49	2.14	ppb
Iron	57-2	100525.41	105126.82	102259.91	102637.38	2.26	ppb
Iron	54-2	97284.07	100967.90	99598.63	99283.53	1.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-16	Instrumnet Name :	P7
Client Sample ID :	MYD9T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:07:45	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.18	24.62	24.35	24.38	0.91	ppb
Lead	207-1	19.32	19.73	19.97	19.67	1.65	ppb
Lead	208-1	20.87	21.24	21.24	21.12	1.01	ppb
Lithium	6-1				85		%
Magnesium	24-2	19032.49	20704.06	20126.17	19954.24	4.25	ppb
Manganese	55-2	2006.74	2081.03	2019.87	2035.88	1.95	ppb
Molybdenum	94-1	17.94	19.13	18.78	18.62	3.30	ppb
Molybdenum	95-1	0.90	0.79	0.83	0.84	6.42	ppb
Molybdenum	96-1	3.41	3.36	3.39	3.39	0.78	ppb
Molybdenum	97-1	0.82	0.79	0.79	0.80	2.03	ppb
Molybdenum	98-1	0.80	0.85	0.87	0.84	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.88	50.03	47.67	48.53	2.69	ppb
Phosphorus	31-2	2126.60	2198.85	2056.77	2127.41	3.34	ppb
Potassium	39-2	3387.37	3515.03	3410.05	3437.49	1.98	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	82-1	1.51	-0.81	1.94	0.88	168.80	ppb
Selenium	77-2	12.98	14.38	10.48	12.61	15.67	ppb
Selenium	78-2	1.39	2.20	-1.18	0.80	220.24	ppb
Silicon	28-1	2365.65	2405.33	2343.95	2371.64	1.31	ppb
Silver	107-1	0.12	0.17	0.13	0.14	19.08	ppb
Silver	109-1	0.11	0.14	0.16	0.14	18.96	ppb
Sodium	23-2	277.67	293.00	286.00	285.56	2.69	ppb
Strontium	86-1	94.06	98.08	96.16	96.10	2.09	ppb
Strontium	88-1	94.36	98.10	97.70	96.72	2.13	ppb
Sulfur	34-1	-977.79	-825.97	-960.13	-921.30		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.14	0.19	0.16	0.16	15.43	ppb
Thallium	205-1	0.15	0.17	0.16	0.16	7.48	ppb
Tin	118-1	2.73	2.75	2.74	2.74	0.35	ppb
Titanium	47-1	1311.43	1334.28	1324.81	1323.51	0.87	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-16	Instrumnet Name :	P7
Client Sample ID :	MYD9T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:07:45	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.81	1.82	1.86	1.83	1.57	ppb
Vanadium	51-2	165.23	172.60	168.89	168.91	2.18	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	223.81	239.23	231.65	231.56	3.33	ppb
Zirconium	90-1	10.22	10.55	10.56	10.44	1.87	ppb
Zirconium	91-1	9.95	10.69	10.61	10.42	3.92	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:11:13	DataFile Name :	080CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46978.68	48595.16	47809.61	47794.49	1.69	ppb
Antimony	121-1	477.52	480.67	490.14	482.78	1.36	ppb
Arsenic	75-2	511.50	508.22	503.58	507.77	0.78	ppb
Barium	135-1	2396.06	2387.10	2433.44	2405.53	1.02	ppb
Barium	137-1	2549.96	2544.89	2552.82	2549.22	0.16	ppb
Beryllium	9-1	529.47	533.27	541.99	534.91	1.20	ppb
Bismuth	209-1				92		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	482.39	479.23	487.74	483.12	0.89	ppb
Cadmium	106-1	472.54	466.42	486.23	475.06	2.14	ppb
Cadmium	111-1	468.79	471.63	478.01	472.81	1.00	ppb
Calcium	43-1	273788.42	273573.99	278244.15	275202.19	0.96	ppb
Calcium	44-1	261287.94	261525.32	265947.81	262920.35	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.27	534.68	528.25	527.07	1.57	ppb
Cobalt	59-2	539.34	557.68	546.03	547.68	1.69	ppb
Copper	63-2	5378.30	5449.19	5489.06	5438.85	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				102		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	134185.00	140343.37	136837.38	137121.92	2.25	ppb
Iron	57-2	135716.44	136885.76	136609.22	136403.81	0.45	ppb
Iron	54-2	136586.17	138731.03	137505.03	137607.41	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:11:13	DataFile Name :	080CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2713.04	2707.77	2728.23	2716.35	0.39	ppb
Lead	207-1	2681.95	2704.23	2775.37	2720.52	1.79	ppb
Lead	208-1	2704.06	2689.57	2742.86	2712.16	1.02	ppb
Lithium	6-1				78		%
Magnesium	24-2	229942.89	238422.50	237381.47	235248.95	1.97	ppb
Manganese	55-2	5211.71	5433.53	5397.50	5347.58	2.23	ppb
Molybdenum	94-1	5262.04	5113.95	5167.84	5181.28	1.45	ppb
Molybdenum	95-1	5287.73	5079.46	5157.51	5174.90	2.03	ppb
Molybdenum	96-1	5249.09	5093.15	5201.08	5181.11	1.54	ppb
Molybdenum	97-1	5304.23	5048.20	5111.10	5154.51	2.59	ppb
Molybdenum	98-1	5208.55	5057.63	5129.21	5131.80	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.65	551.16	542.84	542.55	1.61	ppb
Phosphorus	31-2	9135.72	9391.87	9923.78	9483.79	4.24	ppb
Potassium	39-2	122821.70	128310.94	126823.07	125985.24	2.25	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	473.58	471.47	483.07	476.04	1.30	ppb
Selenium	77-2	487.15	498.23	497.68	494.36	1.26	ppb
Selenium	78-2	480.83	493.32	494.56	489.57	1.55	ppb
Silicon	28-1	513.51	517.94	524.89	518.78	1.11	ppb
Silver	107-1	461.28	458.51	467.64	462.48	1.01	ppb
Silver	109-1	459.09	459.46	471.25	463.27	1.49	ppb
Sodium	23-2	238293.86	248082.53	244651.57	243675.99	2.04	ppb
Strontium	86-1	13075.05	12576.05	12906.25	12852.45	1.97	ppb
Strontium	88-1	13094.14	12572.78	12824.99	12830.64	2.03	ppb
Sulfur	34-1	10902.09	10988.22	11031.66	10973.99	0.60	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	500.49	497.74	507.16	501.80	0.97	ppb
Thallium	205-1	546.60	547.19	554.49	549.43	0.80	ppb
Tin	118-1	479.29	481.66	491.89	484.28	1.38	ppb
Titanium	47-1	5220.93	5206.58	5226.26	5217.92	0.20	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:11:13	DataFile Name :	080CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	551.91	548.31	555.48	551.90	0.65	ppb
Vanadium	51-2	521.45	536.71	535.73	531.30	1.61	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	5237.15	5380.50	5349.06	5322.24	1.42	ppb
Zirconium	90-1	533.45	508.63	519.44	520.51	2.39	ppb
Zirconium	91-1	514.23	494.68	506.63	505.18	1.95	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:16:06	DataFile Name :	081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.48	2.83	1.31	2.54	44.00	ppb
Antimony	121-1	0.27	0.27	0.24	0.26	6.02	ppb
Arsenic	75-2	0.04	0.25	0.00	0.10	137.76	ppb
Barium	135-1	0.62	0.53	0.40	0.52	21.64	ppb
Barium	137-1	0.63	0.51	0.34	0.49	29.21	ppb
Beryllium	9-1	0.34	0.42	0.15	0.30	46.11	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.36	0.20	0.02	0.19	86.84	ppb
Cadmium	106-1	-2.07	-1.58	-2.37	-2.01		ppb
Cadmium	111-1	-0.05	-0.01	-0.07	-0.04		ppb
Calcium	43-1	60.64	61.52	23.06	48.41	45.35	ppb
Calcium	44-1	77.67	57.23	41.97	58.96	30.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	-0.01	-0.01	0.01	319.75	ppb
Cobalt	59-2	0.06	0.05	0.04	0.05	14.77	ppb
Copper	63-2	0.79	0.57	0.86	0.74	20.21	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				110		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	26.02	23.49	21.93	23.81	8.67	ppb
Iron	57-2	26.61	18.83	23.52	22.99	17.04	ppb
Iron	54-2	25.72	22.13	21.38	23.08	10.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:16:06	DataFile Name :	081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.74	0.57	0.49	0.60	20.81	ppb
Lead	207-1	0.80	0.56	0.43	0.59	31.39	ppb
Lead	208-1	0.78	0.58	0.47	0.61	25.78	ppb
Lithium	6-1				91		%
Magnesium	24-2	30.27	26.55	20.06	25.63	20.16	ppb
Manganese	55-2	0.79	0.65	0.66	0.70	11.56	ppb
Molybdenum	94-1	1.57	1.24	1.05	1.29	20.31	ppb
Molybdenum	95-1	1.46	1.16	1.01	1.21	19.07	ppb
Molybdenum	96-1	1.49	1.17	0.93	1.20	23.29	ppb
Molybdenum	97-1	1.63	1.05	1.02	1.23	27.94	ppb
Molybdenum	98-1	1.57	1.19	0.97	1.24	24.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.08	0.03	-0.06		ppb
Phosphorus	31-2	1.07	-25.11	-6.27	-10.10		ppb
Potassium	39-2	19.08	3.68	17.41	13.39	63.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.89	0.46	-0.67	0.23	356.29	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.11	-0.54	-2.86	-1.83		ppb
Silicon	28-1	-0.91	-0.03	0.16	-0.26		ppb
Silver	107-1	0.13	0.13	0.08	0.12	24.14	ppb
Silver	109-1	0.18	0.13	0.08	0.13	39.34	ppb
Sodium	23-2	51.59	48.30	41.84	47.24	10.49	ppb
Strontium	86-1	3.52	2.58	2.05	2.72	27.24	ppb
Strontium	88-1	3.62	2.58	2.10	2.77	28.08	ppb
Sulfur	34-1	146.04	426.14	236.11	269.43	53.07	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.12	0.08	0.12	34.82	ppb
Thallium	205-1	0.16	0.09	0.09	0.11	35.34	ppb
Tin	118-1	0.12	0.08	0.07	0.09	29.58	ppb
Titanium	47-1	1.39	0.79	1.12	1.10	27.37	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:16:06	DataFile Name :	081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.10	0.07	0.10	28.96	ppb
Vanadium	51-2	0.04	0.05	0.02	0.04	49.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.14	0.35	0.56	0.35	59.66	ppb
Zirconium	90-1	0.17	0.16	0.11	0.15	22.09	ppb
Zirconium	91-1	0.22	0.12	0.16	0.17	30.12	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-20	Instrumnet Name :	P7
Client Sample ID :	MYD9T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:20:22	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49784.91	50831.92	50251.73	50289.52	1.04	ppb
Antimony	121-1	2.33	2.22	2.26	2.27	2.39	ppb
Arsenic	75-2	135.94	140.06	136.75	137.58	1.59	ppb
Barium	135-1	888.23	889.65	901.45	893.11	0.81	ppb
Barium	137-1	885.23	893.51	904.39	894.38	1.07	ppb
Beryllium	9-1	1.74	1.94	1.75	1.81	6.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.20	2.91	3.08	3.06	4.82	ppb
Cadmium	106-1	3.54	5.49	4.50	4.51	21.62	ppb
Cadmium	111-1	0.79	0.96	0.89	0.88	10.05	ppb
Calcium	43-1	133903.29	135057.26	135082.73	134681.09	0.50	ppb
Calcium	44-1	127818.49	129403.35	127809.24	128343.69	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.72	115.92	113.80	114.81	0.92	ppb
Cobalt	59-2	61.25	62.33	61.11	61.56	1.08	ppb
Copper	63-2	157.60	159.43	157.46	158.16	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				113		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	117420.62	118809.70	116846.30	117692.21	0.86	ppb
Iron	57-2	115539.13	119044.46	117955.24	117512.94	1.53	ppb
Iron	54-2	116295.61	119906.29	116097.36	117433.09	1.83	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-20	Instrumnet Name :	P7
Client Sample ID :	MYD9T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:20:22	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.39	32.60	32.80	32.60	0.63	ppb
Lead	207-1	31.43	31.45	31.65	31.51	0.39	ppb
Lead	208-1	31.76	31.60	31.92	31.76	0.51	ppb
Lithium	6-1				92		%
Magnesium	24-2	28631.32	28734.77	28735.31	28700.47	0.21	ppb
Manganese	55-2	2418.69	2469.32	2402.13	2430.05	1.44	ppb
Molybdenum	94-1	41.26	41.77	41.24	41.42	0.73	ppb
Molybdenum	95-1	1.47	1.60	1.58	1.55	4.27	ppb
Molybdenum	96-1	6.65	6.69	6.32	6.56	3.08	ppb
Molybdenum	97-1	1.49	1.56	1.54	1.53	2.20	ppb
Molybdenum	98-1	1.47	1.58	1.58	1.54	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	151.32	153.05	148.22	150.86	1.62	ppb
Phosphorus	31-2	3379.94	3386.89	3191.81	3319.55	3.33	ppb
Potassium	39-2	6866.70	6994.00	6837.51	6899.40	1.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	1.83	2.89	2.31	2.34	22.53	ppb
Selenium	77-2	10.96	19.72	24.48	18.39	37.29	ppb
Selenium	78-2	-0.88	2.04	1.27	0.81	186.35	ppb
Silicon	28-1	2301.55	2271.05	2289.43	2287.34	0.67	ppb
Silver	107-1	0.27	0.24	0.20	0.24	13.68	ppb
Silver	109-1	0.24	0.22	0.22	0.23	6.94	ppb
Sodium	23-2	221.86	235.15	235.55	230.86	3.38	ppb
Strontium	86-1	283.67	287.33	284.99	285.33	0.65	ppb
Strontium	88-1	293.51	292.18	286.53	290.74	1.28	ppb
Sulfur	34-1	-3.16	5.03	-9.71	-2.61		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.58	0.62	0.62	0.61	4.53	ppb
Thallium	205-1	0.59	0.60	0.62	0.60	2.33	ppb
Tin	118-1	2.93	3.09	3.08	3.03	2.87	ppb
Titanium	47-1	1154.06	1154.15	1152.53	1153.58	0.08	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-20	Instrumnet Name :	P7
Client Sample ID :	MYD9T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:20:22	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.36	1.36	1.33	1.35	1.10	ppb
Vanadium	51-2	228.17	233.53	229.44	230.38	1.22	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	377.85	382.65	376.06	378.85	0.90	ppb
Zirconium	90-1	23.30	23.55	23.50	23.45	0.57	ppb
Zirconium	91-1	22.50	23.10	22.93	22.84	1.35	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-21	Instrumnet Name :	P7
Client Sample ID :	MYD9T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:23:45	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50736.23	51960.26	50541.18	51079.22	1.51	ppb
Antimony	121-1	3.15	3.05	3.03	3.08	1.96	ppb
Arsenic	75-2	185.60	176.21	176.41	179.41	2.99	ppb
Barium	135-1	541.00	495.80	490.09	508.97	5.48	ppb
Barium	137-1	538.98	494.28	489.23	507.50	5.40	ppb
Beryllium	9-1	2.37	2.06	2.17	2.20	7.16	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.84	1.80	2.42	2.35	22.20	ppb
Cadmium	106-1	6.12	7.33	5.51	6.32	14.64	ppb
Cadmium	111-1	0.75	0.91	0.74	0.80	12.20	ppb
Calcium	43-1	12225.67	11629.55	11335.13	11730.12	3.87	ppb
Calcium	44-1	12681.31	11800.42	11606.62	12029.45	4.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	141.12	142.18	139.40	140.90	0.99	ppb
Cobalt	59-2	65.85	65.49	65.63	65.66	0.27	ppb
Copper	63-2	145.35	145.64	147.56	146.19	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				113		%
Holmium	165-2				116		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	131335.13	133010.21	131326.69	131890.68	0.74	ppb
Iron	57-2	129942.52	131093.80	128162.22	129732.85	1.14	ppb
Iron	54-2	128952.33	130026.03	129841.70	129606.69	0.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-21	Instrumnet Name :	P7
Client Sample ID :	MYD9T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:23:45	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.36	31.43	30.92	32.24	5.76	ppb
Lead	207-1	32.61	30.31	30.34	31.09	4.23	ppb
Lead	208-1	33.36	30.65	30.35	31.45	5.27	ppb
Lithium	6-1				91		%
Magnesium	24-2	21640.92	22352.64	22204.17	22065.91	1.70	ppb
Manganese	55-2	3074.69	3049.64	3063.92	3062.75	0.41	ppb
Molybdenum	94-1	52.81	49.64	47.45	49.97	5.39	ppb
Molybdenum	95-1	1.22	1.17	1.04	1.14	8.04	ppb
Molybdenum	96-1	7.67	7.12	7.13	7.30	4.34	ppb
Molybdenum	97-1	1.33	1.02	1.03	1.12	15.64	ppb
Molybdenum	98-1	1.24	1.13	1.07	1.14	7.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.50	143.58	140.25	141.11	1.54	ppb
Phosphorus	31-2	2007.24	1915.15	1891.54	1937.98	3.15	ppb
Potassium	39-2	8139.68	8241.79	8136.28	8172.58	0.73	ppb
Rhodium	103-1				100		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				118		%
Selenium	82-1	1.86	2.52	0.85	1.74	48.32	ppb
Selenium	77-2	16.30	10.53	14.07	13.63	21.32	ppb
Selenium	78-2	3.22	1.25	3.63	2.70	47.11	ppb
Silicon	28-1	2642.77	2392.46	2395.85	2477.03	5.80	ppb
Silver	107-1	0.20	0.16	0.18	0.18	9.23	ppb
Silver	109-1	0.15	0.14	0.13	0.14	7.31	ppb
Sodium	23-2	186.34	187.65	187.76	187.25	0.42	ppb
Strontium	86-1	84.19	78.01	76.23	79.48	5.26	ppb
Strontium	88-1	85.15	77.32	76.95	79.81	5.80	ppb
Sulfur	34-1	81.21	-705.08	-810.33	-478.07		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.46	0.44	0.47	0.46	3.74	ppb
Thallium	205-1	0.48	0.44	0.44	0.45	6.02	ppb
Tin	118-1	3.31	3.21	3.05	3.19	4.22	ppb
Titanium	47-1	1223.86	1141.22	1129.70	1164.93	4.41	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-21	Instrumnet Name :	P7
Client Sample ID :	MYD9T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:23:45	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.36	1.29	1.38	7.11	ppb
Vanadium	51-2	236.34	237.65	238.87	237.62	0.53	ppb
Yttrium	89-1				116		%
Yttrium	89-2				117		%
Zinc	66-2	239.10	244.07	241.76	241.65	1.03	ppb
Zirconium	90-1	30.23	28.09	27.38	28.56	5.19	ppb
Zirconium	91-1	30.72	27.74	27.16	28.54	6.69	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-22	Instrumnet Name :	P7
Client Sample ID :	MYD9W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:27:10	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38013.38	37274.13	37596.08	37627.86	0.99	ppb
Antimony	121-1	1.81	1.88	2.00	1.90	5.11	ppb
Arsenic	75-2	220.88	219.67	215.51	218.69	1.29	ppb
Barium	135-1	368.08	372.31	367.32	369.24	0.73	ppb
Barium	137-1	369.33	371.44	371.92	370.90	0.37	ppb
Beryllium	9-1	2.00	1.95	1.90	1.95	2.61	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.67	1.67	2.05	1.79	12.17	ppb
Cadmium	106-1	4.86	3.77	3.72	4.11	15.63	ppb
Cadmium	111-1	0.90	0.87	0.65	0.81	17.01	ppb
Calcium	43-1	13151.75	13108.04	13335.46	13198.41	0.91	ppb
Calcium	44-1	13386.81	13496.94	13469.40	13451.05	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.64	105.37	107.21	107.07	1.53	ppb
Cobalt	59-2	52.21	51.55	52.11	51.96	0.68	ppb
Copper	63-2	143.74	142.66	143.62	143.34	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				119		%
Holmium	165-2				119		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	110910.00	109007.23	109996.17	109971.13	0.87	ppb
Iron	57-2	109773.09	107420.60	109806.37	109000.02	1.25	ppb
Iron	54-2	111050.25	108236.46	109097.54	109461.42	1.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-22	Instrumnet Name :	P7
Client Sample ID :	MYD9W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:27:10	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.61	36.90	37.18	36.90	0.77	ppb
Lead	207-1	35.41	35.94	35.50	35.62	0.80	ppb
Lead	208-1	35.92	36.28	36.14	36.11	0.50	ppb
Lithium	6-1				96		%
Magnesium	24-2	17102.23	16801.50	16953.28	16952.33	0.89	ppb
Manganese	55-2	2592.15	2558.63	2551.32	2567.37	0.85	ppb
Molybdenum	94-1	27.50	26.42	26.96	26.96	2.01	ppb
Molybdenum	95-1	1.04	1.19	1.16	1.13	7.13	ppb
Molybdenum	96-1	4.63	4.46	4.57	4.55	1.93	ppb
Molybdenum	97-1	1.09	1.02	1.06	1.06	3.33	ppb
Molybdenum	98-1	1.08	1.08	1.05	1.07	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.67	107.20	107.45	108.11	1.26	ppb
Phosphorus	31-2	1716.65	1717.34	1696.14	1710.04	0.70	ppb
Potassium	39-2	10843.74	10751.97	10811.21	10802.31	0.43	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				115		%
Selenium	82-1	1.37	1.58	0.17	1.04	72.91	ppb
Selenium	77-2	9.41	20.20	19.06	16.22	36.54	ppb
Selenium	78-2	-0.40	1.72	2.43	1.25	118.03	ppb
Silicon	28-1	2938.65	2980.95	2967.28	2962.29	0.73	ppb
Silver	107-1	0.13	0.18	0.19	0.17	20.44	ppb
Silver	109-1	0.16	0.18	0.15	0.16	11.73	ppb
Sodium	23-2	187.57	185.88	184.98	186.14	0.71	ppb
Strontium	86-1	58.19	58.46	59.47	58.71	1.15	ppb
Strontium	88-1	57.15	58.28	58.80	58.08	1.45	ppb
Sulfur	34-1	-862.53	-833.00	-947.19	-880.91		ppb
Terbium	159-1				118		%
Terbium	159-2				112		%
Thallium	203-1	0.44	0.46	0.48	0.46	4.13	ppb
Thallium	205-1	0.44	0.48	0.45	0.46	5.00	ppb
Tin	118-1	2.40	2.22	2.23	2.29	4.47	ppb
Titanium	47-1	758.99	763.75	768.67	763.80	0.63	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-22	Instrumnet Name :	P7
Client Sample ID :	MYD9W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:27:10	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.02	1.02	1.02	0.20	ppb
Vanadium	51-2	207.18	206.28	208.31	207.26	0.49	ppb
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	188.97	186.25	190.01	188.41	1.03	ppb
Zirconium	90-1	14.99	15.22	15.51	15.24	1.69	ppb
Zirconium	91-1	14.71	14.89	15.24	14.95	1.81	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-02	Instrumnet Name :	P7
Client Sample ID :	MYD9W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:33:52	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63399.35	64455.99	62977.45	63610.93	1.20	ppb
Antimony	121-1	1.18	1.16	1.13	1.16	1.91	ppb
Arsenic	75-2	261.42	268.21	266.12	265.25	1.31	ppb
Barium	135-1	541.80	537.25	524.45	534.50	1.68	ppb
Barium	137-1	539.35	547.02	529.46	538.61	1.63	ppb
Beryllium	9-1	2.23	2.39	2.30	2.30	3.46	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.51	2.39	2.41	2.44	2.65	ppb
Cadmium	106-1	5.99	4.69	3.62	4.77	24.87	ppb
Cadmium	111-1	0.80	0.62	0.70	0.71	13.00	ppb
Calcium	43-1	14093.15	14012.43	14126.16	14077.25	0.42	ppb
Calcium	44-1	14342.18	14377.97	14443.83	14388.00	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179.81	183.84	182.38	182.01	1.12	ppb
Cobalt	59-2	68.62	68.83	68.22	68.56	0.46	ppb
Copper	63-2	154.99	156.41	156.60	156.00	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				118		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	143532.52	144087.09	144509.01	144042.87	0.34	ppb
Iron	57-2	141388.37	142295.65	143075.48	142253.17	0.59	ppb
Iron	54-2	143024.80	144788.30	143508.38	143773.83	0.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-02	Instrumnet Name :	P7
Client Sample ID :	MYD9W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:33:52	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.07	32.27	32.66	32.66	1.23	ppb
Lead	207-1	31.87	30.87	31.26	31.33	1.62	ppb
Lead	208-1	32.16	31.57	31.77	31.84	0.95	ppb
Lithium	6-1				94		%
Magnesium	24-2	23804.56	24638.64	24342.65	24261.95	1.74	ppb
Manganese	55-2	2856.08	2816.75	2918.77	2863.86	1.80	ppb
Molybdenum	94-1	37.11	36.69	36.69	36.83	0.66	ppb
Molybdenum	95-1	1.12	1.14	1.24	1.16	5.38	ppb
Molybdenum	96-1	6.14	6.07	6.03	6.08	0.91	ppb
Molybdenum	97-1	1.29	1.01	1.16	1.15	12.29	ppb
Molybdenum	98-1	1.04	1.16	1.10	1.10	5.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	148.68	144.58	147.25	146.83	1.42	ppb
Phosphorus	31-2	1675.25	1741.54	1687.03	1701.27	2.08	ppb
Potassium	39-2	7781.22	7828.51	7789.88	7799.87	0.32	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				119		%
Scandium	45-2				121		%
Selenium	82-1	0.82	0.31	1.31	0.82	61.27	ppb
Selenium	77-2	16.38	27.08	16.60	20.02	30.53	ppb
Selenium	78-2	-2.12	0.96	2.73	0.52	470.93	ppb
Silicon	28-1	2662.36	2662.61	2672.10	2665.69	0.21	ppb
Silver	107-1	0.15	0.14	0.14	0.14	4.72	ppb
Silver	109-1	0.12	0.13	0.17	0.14	19.86	ppb
Sodium	23-2	222.80	226.84	228.54	226.06	1.30	ppb
Strontium	86-1	102.10	100.71	100.63	101.15	0.82	ppb
Strontium	88-1	101.94	100.47	101.09	101.17	0.73	ppb
Sulfur	34-1	-1963.25	-1806.38	-1677.42	-1815.68		ppb
Terbium	159-1				118		%
Terbium	159-2				111		%
Thallium	203-1	0.48	0.50	0.49	0.49	1.84	ppb
Thallium	205-1	0.49	0.46	0.44	0.46	5.34	ppb
Tin	118-1	3.02	2.90	2.95	2.96	2.07	ppb
Titanium	47-1	1135.84	1131.31	1134.54	1133.90	0.21	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-02	Instrumnet Name :	P7
Client Sample ID :	MYD9W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:33:52	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.58	1.57	1.58	1.58	0.29	ppb
Vanadium	51-2	270.80	270.25	271.25	270.77	0.18	ppb
Yttrium	89-1				120		%
Yttrium	89-2				116		%
Zinc	66-2	224.65	229.14	225.34	226.38	1.07	ppb
Zirconium	90-1	21.01	20.83	20.96	20.93	0.44	ppb
Zirconium	91-1	20.75	20.63	20.59	20.66	0.40	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-01	Instrumnet Name :	P7
Client Sample ID :	MYD9W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:44:45	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51161.78	50917.22	50490.93	50856.64	0.67	ppb
Antimony	121-1	1.61	1.63	1.61	1.62	0.67	ppb
Arsenic	75-2	176.78	171.12	168.33	172.08	2.50	ppb
Barium	135-1	506.34	502.87	494.36	501.19	1.23	ppb
Barium	137-1	503.04	498.42	499.04	500.17	0.50	ppb
Beryllium	9-1	1.62	2.11	1.66	1.80	15.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.56	2.20	2.58	2.45	8.92	ppb
Cadmium	106-1	4.64	4.24	3.51	4.13	13.86	ppb
Cadmium	111-1	0.73	0.73	0.66	0.71	5.61	ppb
Calcium	43-1	17825.58	17633.98	17734.02	17731.19	0.54	ppb
Calcium	44-1	18061.73	17903.61	16974.91	17646.75	3.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.21	131.96	130.16	131.78	1.16	ppb
Cobalt	59-2	57.11	57.30	56.32	56.91	0.92	ppb
Copper	63-2	124.91	125.48	124.62	125.00	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	109663.47	109627.36	108369.64	109220.15	0.67	ppb
Iron	57-2	109231.09	108027.02	108163.44	108473.85	0.61	ppb
Iron	54-2	109734.03	109148.30	107662.07	108848.13	0.98	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-01	Instrumnet Name :	P7
Client Sample ID :	MYD9W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:44:45	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.53	49.86	49.96	50.11	0.72	ppb
Lead	207-1	48.71	48.65	48.66	48.67	0.07	ppb
Lead	208-1	49.12	49.14	49.22	49.16	0.11	ppb
Lithium	6-1				90		%
Magnesium	24-2	22182.81	21668.04	21703.00	21851.28	1.32	ppb
Manganese	55-2	2026.17	2004.83	1990.14	2007.05	0.90	ppb
Molybdenum	94-1	41.34	41.54	42.43	41.77	1.39	ppb
Molybdenum	95-1	0.77	0.71	0.76	0.74	4.21	ppb
Molybdenum	96-1	5.95	5.83	5.73	5.84	1.88	ppb
Molybdenum	97-1	0.92	0.66	0.75	0.78	17.23	ppb
Molybdenum	98-1	0.72	0.69	0.74	0.72	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.68	125.03	125.98	125.56	0.39	ppb
Phosphorus	31-2	1845.09	1896.01	1808.03	1849.71	2.39	ppb
Potassium	39-2	6561.76	6410.08	6469.19	6480.34	1.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	82-1	1.34	1.49	2.38	1.74	32.16	ppb
Selenium	77-2	21.41	16.43	12.62	16.82	26.23	ppb
Selenium	78-2	0.42	0.44	-1.03	-0.06		ppb
Silicon	28-1	2882.66	2838.38	2847.26	2856.10	0.82	ppb
Silver	107-1	0.16	0.15	0.16	0.16	2.24	ppb
Silver	109-1	0.14	0.13	0.15	0.14	7.88	ppb
Sodium	23-2	154.95	160.34	161.35	158.88	2.17	ppb
Strontium	86-1	120.06	120.42	121.18	120.56	0.47	ppb
Strontium	88-1	120.43	120.18	121.64	120.75	0.65	ppb
Sulfur	34-1	-1189.52	-1276.37	-1125.85	-1197.24		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.36	0.32	0.34	0.34	5.97	ppb
Thallium	205-1	0.31	0.33	0.33	0.33	4.66	ppb
Tin	118-1	2.94	2.83	3.01	2.92	3.16	ppb
Titanium	47-1	1035.84	1019.14	1026.43	1027.14	0.82	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-01	Instrumnet Name :	P7
Client Sample ID :	MYD9W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:44:45	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.92	0.94	0.94	1.94	ppb
Vanadium	51-2	197.68	195.24	193.48	195.46	1.08	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	265.39	269.92	271.99	269.10	1.25	ppb
Zirconium	90-1	23.78	24.11	23.96	23.95	0.68	ppb
Zirconium	91-1	23.70	23.60	23.81	23.70	0.44	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-03	Instrumnet Name :	P7
Client Sample ID :	MYD9W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:48:09	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43603.45	44447.65	43155.40	43735.50	1.50	ppb
Antimony	121-1	2.24	2.44	2.51	2.40	5.80	ppb
Arsenic	75-2	163.84	162.39	163.98	163.41	0.54	ppb
Barium	135-1	526.86	539.08	530.60	532.18	1.18	ppb
Barium	137-1	526.59	537.72	531.53	531.95	1.05	ppb
Beryllium	9-1	1.84	1.96	1.49	1.76	13.83	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.46	2.54	1.83	2.28	16.99	ppb
Cadmium	106-1	2.30	6.16	4.00	4.15	46.64	ppb
Cadmium	111-1	0.92	1.30	1.01	1.08	18.68	ppb
Calcium	43-1	11925.64	12110.75	11884.51	11973.63	1.01	ppb
Calcium	44-1	12118.04	12285.07	12236.12	12213.08	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.20	124.32	123.52	123.02	1.32	ppb
Cobalt	59-2	60.22	61.09	61.14	60.82	0.85	ppb
Copper	63-2	188.09	191.55	188.71	189.45	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	119416.30	122688.73	120110.85	120738.63	1.43	ppb
Iron	57-2	117270.98	121634.12	119389.20	119431.44	1.83	ppb
Iron	54-2	119174.47	122904.04	118873.27	120317.26	1.87	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-03	Instrumnet Name :	P7
Client Sample ID :	MYD9W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:48:09	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.82	51.43	51.17	51.14	0.60	ppb
Lead	207-1	49.18	50.03	49.90	49.71	0.92	ppb
Lead	208-1	49.88	50.59	50.33	50.27	0.71	ppb
Lithium	6-1				87		%
Magnesium	24-2	20925.62	21115.52	21667.16	21236.10	1.81	ppb
Manganese	55-2	3019.88	3160.08	3050.41	3076.79	2.40	ppb
Molybdenum	94-1	31.77	32.16	32.51	32.15	1.15	ppb
Molybdenum	95-1	1.09	1.05	1.12	1.08	3.15	ppb
Molybdenum	96-1	5.25	5.03	5.20	5.16	2.26	ppb
Molybdenum	97-1	1.10	1.16	1.04	1.10	5.59	ppb
Molybdenum	98-1	1.05	1.05	1.04	1.05	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.55	130.73	126.67	127.99	1.86	ppb
Phosphorus	31-2	1973.48	2064.23	1970.95	2002.88	2.65	ppb
Potassium	39-2	9881.24	10059.73	9901.13	9947.37	0.98	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	2.61	1.50	0.82	1.64	54.81	ppb
Selenium	77-2	24.13	11.54	11.40	15.69	46.59	ppb
Selenium	78-2	3.41	-1.67	-0.64	0.37	733.26	ppb
Silicon	28-1	2720.44	2790.91	2761.08	2757.48	1.28	ppb
Silver	107-1	0.30	0.30	0.25	0.28	10.72	ppb
Silver	109-1	0.26	0.28	0.27	0.27	3.35	ppb
Sodium	23-2	172.96	182.48	176.49	177.31	2.71	ppb
Strontium	86-1	97.96	97.74	98.61	98.10	0.46	ppb
Strontium	88-1	98.11	99.37	99.01	98.83	0.65	ppb
Sulfur	34-1	-846.24	-1007.48	-990.15	-947.96		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.52	0.51	0.47	0.50	4.91	ppb
Thallium	205-1	0.49	0.48	0.48	0.48	1.29	ppb
Tin	118-1	3.36	3.19	3.15	3.23	3.40	ppb
Titanium	47-1	1065.93	1074.04	1068.68	1069.55	0.39	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-03	Instrumnet Name :	P7
Client Sample ID :	MYD9W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:48:09	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.30	1.29	1.29	1.29	0.53	ppb
Vanadium	51-2	213.15	217.32	212.01	214.16	1.31	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	258.42	259.79	258.05	258.75	0.36	ppb
Zirconium	90-1	17.97	18.40	18.32	18.23	1.27	ppb
Zirconium	91-1	17.86	17.83	18.01	17.90	0.53	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-04	Instrumnet Name :	P7
Client Sample ID :	MYD9W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:51:36	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39241.58	38459.68	39195.53	38965.60	1.13	ppb
Antimony	121-1	2.05	2.13	2.13	2.10	2.40	ppb
Arsenic	75-2	154.57	155.01	153.72	154.43	0.42	ppb
Barium	135-1	437.89	433.48	447.15	439.51	1.59	ppb
Barium	137-1	438.15	437.59	449.18	441.64	1.48	ppb
Beryllium	9-1	1.73	1.57	1.61	1.64	5.12	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.68	1.96	2.34	1.99	16.59	ppb
Cadmium	106-1	2.75	2.12	1.42	2.10	31.94	ppb
Cadmium	111-1	0.86	0.77	0.73	0.79	8.30	ppb
Calcium	43-1	10110.50	10171.80	10448.59	10243.63	1.76	ppb
Calcium	44-1	10325.22	10497.10	10543.65	10455.32	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107.92	110.40	108.98	109.10	1.14	ppb
Cobalt	59-2	67.56	69.30	67.88	68.25	1.36	ppb
Copper	63-2	158.48	160.58	157.75	158.94	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	112277.28	113745.27	111540.27	112520.94	1.00	ppb
Iron	57-2	111089.81	113493.77	110310.77	111631.45	1.49	ppb
Iron	54-2	112455.75	113440.49	111651.62	112515.96	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-04	Instrumnet Name :	P7
Client Sample ID :	MYD9W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:51:36	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.18	36.30	36.22	36.24	0.17	ppb
Lead	207-1	34.91	35.04	35.21	35.05	0.43	ppb
Lead	208-1	35.29	35.28	35.67	35.41	0.64	ppb
Lithium	6-1				86		%
Magnesium	24-2	18898.31	18944.47	19254.93	19032.57	1.02	ppb
Manganese	55-2	2705.86	2736.38	2703.27	2715.17	0.68	ppb
Molybdenum	94-1	29.40	29.31	29.53	29.41	0.39	ppb
Molybdenum	95-1	1.09	1.11	1.11	1.10	1.16	ppb
Molybdenum	96-1	4.79	4.81	4.94	4.85	1.76	ppb
Molybdenum	97-1	0.97	1.02	1.11	1.03	6.64	ppb
Molybdenum	98-1	1.09	1.05	0.99	1.04	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.15	113.88	112.66	112.90	0.79	ppb
Phosphorus	31-2	1913.47	1870.46	1904.86	1896.26	1.20	ppb
Potassium	39-2	9073.37	9164.11	9072.04	9103.17	0.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	1.62	2.52	1.17	1.77	38.82	ppb
Selenium	77-2	5.10	7.66	8.94	7.23	27.04	ppb
Selenium	78-2	1.61	4.20	-0.96	1.62	159.33	ppb
Silicon	28-1	2771.75	2767.29	2802.52	2780.52	0.69	ppb
Silver	107-1	0.18	0.17	0.17	0.17	2.80	ppb
Silver	109-1	0.17	0.18	0.21	0.19	9.92	ppb
Sodium	23-2	162.99	169.06	165.38	165.81	1.84	ppb
Strontium	86-1	76.58	76.00	76.52	76.37	0.42	ppb
Strontium	88-1	76.78	77.30	77.41	77.16	0.43	ppb
Sulfur	34-1	-924.45	-985.01	-927.10	-945.52		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.48	0.46	0.43	0.45	5.51	ppb
Thallium	205-1	0.42	0.40	0.41	0.41	3.18	ppb
Tin	118-1	2.75	2.86	2.98	2.87	3.91	ppb
Titanium	47-1	935.45	935.11	947.51	939.36	0.75	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-04	Instrumnet Name :	P7
Client Sample ID :	MYD9W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:51:36	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.19	1.21	1.19	1.20	1.12	ppb
Vanadium	51-2	204.66	208.71	208.74	207.37	1.13	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	254.28	261.86	251.28	255.81	2.13	ppb
Zirconium	90-1	16.59	16.65	16.34	16.53	0.98	ppb
Zirconium	91-1	16.78	16.10	16.50	16.46	2.06	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-05	Instrumnet Name :	P7
Client Sample ID :	MYD9W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:55:01	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40186.46	40905.11	39897.64	40329.74	1.29	ppb
Antimony	121-1	3.49	3.29	3.43	3.40	2.96	ppb
Arsenic	75-2	192.56	194.05	193.07	193.23	0.39	ppb
Barium	135-1	504.68	499.23	503.32	502.41	0.57	ppb
Barium	137-1	506.37	501.08	508.61	505.35	0.76	ppb
Beryllium	9-1	1.64	2.16	2.01	1.93	13.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.25	1.65	2.39	2.43	33.06	ppb
Cadmium	106-1	4.15	2.87	2.07	3.03	34.58	ppb
Cadmium	111-1	1.21	1.25	1.19	1.22	2.63	ppb
Calcium	43-1	20063.90	20466.20	20715.08	20415.06	1.61	ppb
Calcium	44-1	19387.96	19500.47	19584.86	19491.10	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.57	128.61	128.81	129.33	0.83	ppb
Cobalt	59-2	61.93	63.12	61.36	62.13	1.45	ppb
Copper	63-2	222.79	225.14	219.68	222.54	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	135532.75	134473.18	133414.00	134473.31	0.79	ppb
Iron	57-2	132182.23	133144.21	132154.32	132493.59	0.43	ppb
Iron	54-2	134818.60	133521.52	131288.68	133209.60	1.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-05	Instrumnet Name :	P7
Client Sample ID :	MYD9W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:55:01	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.49	56.37	56.16	56.34	0.30	ppb
Lead	207-1	54.94	54.93	55.14	55.00	0.21	ppb
Lead	208-1	54.99	55.37	55.50	55.29	0.47	ppb
Lithium	6-1				85		%
Magnesium	24-2	19922.31	20026.43	19819.88	19922.87	0.52	ppb
Manganese	55-2	2786.85	2786.57	2765.13	2779.52	0.45	ppb
Molybdenum	94-1	36.23	37.23	38.16	37.21	2.60	ppb
Molybdenum	95-1	1.51	1.53	1.56	1.53	1.75	ppb
Molybdenum	96-1	6.11	6.12	6.14	6.12	0.20	ppb
Molybdenum	97-1	1.55	1.51	1.42	1.49	4.53	ppb
Molybdenum	98-1	1.55	1.49	1.46	1.50	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.55	126.44	125.14	126.04	0.62	ppb
Phosphorus	31-2	2623.48	2588.40	2658.41	2623.43	1.33	ppb
Potassium	39-2	10210.76	10275.11	10134.79	10206.88	0.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	1.54	1.82	1.09	1.48	25.10	ppb
Selenium	77-2	14.05	12.71	8.94	11.90	22.28	ppb
Selenium	78-2	1.99	0.11	2.36	1.49	80.85	ppb
Silicon	28-1	2844.51	2849.22	2897.77	2863.84	1.03	ppb
Silver	107-1	0.36	0.42	0.37	0.39	8.63	ppb
Silver	109-1	0.36	0.39	0.37	0.37	3.96	ppb
Sodium	23-2	189.16	186.30	181.14	185.53	2.19	ppb
Strontium	86-1	113.50	111.75	116.09	113.78	1.92	ppb
Strontium	88-1	112.44	111.50	114.34	112.76	1.28	ppb
Sulfur	34-1	-555.25	-546.49	-393.06	-498.27		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.48	0.47	0.48	0.47	1.17	ppb
Thallium	205-1	0.43	0.49	0.45	0.46	5.87	ppb
Tin	118-1	2.90	2.68	2.70	2.76	4.36	ppb
Titanium	47-1	1068.28	1085.43	1086.21	1079.97	0.94	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-05	Instrumnet Name :	P7
Client Sample ID :	MYD9W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:55:01	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.31	1.34	1.32	1.32	1.39	ppb
Vanadium	51-2	242.67	246.90	243.67	244.41	0.91	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	283.09	288.49	280.23	283.94	1.48	ppb
Zirconium	90-1	20.89	21.37	21.30	21.19	1.24	ppb
Zirconium	91-1	20.79	20.55	21.09	20.81	1.30	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-06	Instrumnet Name :	P7
Client Sample ID :	MYD9W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:58:27	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	59128.80	59287.43	58947.07	59121.10	0.29	ppb
Antimony	121-1	2.32	2.32	2.30	2.31	0.55	ppb
Arsenic	75-2	199.94	201.30	209.94	203.73	2.66	ppb
Barium	135-1	770.65	768.96	773.49	771.04	0.30	ppb
Barium	137-1	771.90	769.29	775.69	772.29	0.42	ppb
Beryllium	9-1	2.13	2.55	2.03	2.24	12.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.65	2.45	2.85	2.99	20.34	ppb
Cadmium	106-1	4.77	3.74	3.76	4.09	14.33	ppb
Cadmium	111-1	1.16	0.92	0.91	1.00	14.55	ppb
Calcium	43-1	21949.10	22342.27	22041.49	22110.95	0.93	ppb
Calcium	44-1	20847.16	21107.48	21297.79	21084.14	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.50	151.14	154.49	152.71	1.10	ppb
Cobalt	59-2	80.98	81.88	80.64	81.17	0.79	ppb
Copper	63-2	195.72	193.01	191.54	193.42	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	155209.47	153592.32	155425.24	154742.34	0.65	ppb
Iron	57-2	154351.11	150701.59	154714.06	153255.59	1.45	ppb
Iron	54-2	154241.02	153024.07	155157.97	154141.02	0.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-06	Instrumnet Name :	P7
Client Sample ID :	MYD9W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:58:27	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.53	45.87	45.81	45.74	0.40	ppb
Lead	207-1	43.88	43.98	43.97	43.95	0.13	ppb
Lead	208-1	44.39	44.40	44.92	44.57	0.68	ppb
Lithium	6-1				85		%
Magnesium	24-2	29284.09	29071.94	29297.42	29217.82	0.43	ppb
Manganese	55-2	4407.68	4425.36	4443.19	4425.41	0.40	ppb
Molybdenum	94-1	39.89	40.42	40.33	40.21	0.71	ppb
Molybdenum	95-1	1.34	1.43	1.37	1.38	3.42	ppb
Molybdenum	96-1	6.67	6.45	6.56	6.56	1.65	ppb
Molybdenum	97-1	1.26	1.32	1.51	1.36	9.37	ppb
Molybdenum	98-1	1.23	1.39	1.30	1.31	6.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	167.57	162.84	167.68	166.03	1.67	ppb
Phosphorus	31-2	2834.40	2802.67	2821.87	2819.65	0.57	ppb
Potassium	39-2	11224.34	11093.03	11151.01	11156.13	0.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	2.52	2.13	1.71	2.12	19.25	ppb
Selenium	77-2	14.60	21.94	13.67	16.73	27.06	ppb
Selenium	78-2	0.17	1.94	4.62	2.24	100.00	ppb
Silicon	28-1	2466.60	2472.70	2485.09	2474.80	0.38	ppb
Silver	107-1	0.18	0.22	0.26	0.22	17.85	ppb
Silver	109-1	0.21	0.21	0.21	0.21	1.36	ppb
Sodium	23-2	185.08	188.25	182.37	185.23	1.59	ppb
Strontium	86-1	147.82	149.57	151.52	149.63	1.24	ppb
Strontium	88-1	149.95	150.33	151.60	150.63	0.57	ppb
Sulfur	34-1	-1069.04	-1017.42	-1087.52	-1057.99		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.60	0.61	0.62	0.61	1.12	ppb
Thallium	205-1	0.60	0.59	0.62	0.60	2.75	ppb
Tin	118-1	3.25	3.31	3.24	3.27	1.03	ppb
Titanium	47-1	1172.72	1196.28	1179.52	1182.84	1.03	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-06	Instrumnet Name :	P7
Client Sample ID :	MYD9W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:58:27	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.36	1.42	1.41	1.40	2.19	ppb
Vanadium	51-2	279.62	278.39	281.49	279.83	0.56	ppb
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	303.73	299.65	298.97	300.78	0.86	ppb
Zirconium	90-1	22.23	22.67	22.80	22.56	1.33	ppb
Zirconium	91-1	22.27	22.34	22.69	22.43	1.00	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-07	Instrumnet Name :	P7
Client Sample ID :	MYD9W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:01:50	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43205.93	43770.66	43652.33	43542.97	0.68	ppb
Antimony	121-1	16.15	16.47	16.04	16.22	1.38	ppb
Arsenic	75-2	193.91	196.51	204.20	198.21	2.70	ppb
Barium	135-1	513.36	513.90	508.10	511.79	0.63	ppb
Barium	137-1	512.78	520.08	504.50	512.46	1.52	ppb
Beryllium	9-1	1.83	2.04	1.66	1.84	10.37	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.70	1.85	1.91	1.82	5.97	ppb
Cadmium	106-1	2.41	4.17	2.49	3.03	32.92	ppb
Cadmium	111-1	0.96	1.04	0.88	0.96	8.41	ppb
Calcium	43-1	10499.74	10544.48	10521.82	10522.02	0.21	ppb
Calcium	44-1	10728.13	10784.33	10790.28	10767.58	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151.02	152.70	152.93	152.22	0.69	ppb
Cobalt	59-2	64.33	63.60	64.81	64.25	0.95	ppb
Copper	63-2	162.43	160.30	165.73	162.82	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	137505.64	133860.93	136512.79	135959.78	1.39	ppb
Iron	57-2	135520.36	133613.56	136581.24	135238.38	1.11	ppb
Iron	54-2	133234.55	132981.50	136965.78	134393.95	1.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-07	Instrumnet Name :	P7
Client Sample ID :	MYD9W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:01:50	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.05	39.31	38.19	38.85	1.51	ppb
Lead	207-1	37.15	38.18	37.60	37.64	1.38	ppb
Lead	208-1	37.90	38.50	37.77	38.06	1.03	ppb
Lithium	6-1				83		%
Magnesium	24-2	20341.64	19979.81	20384.32	20235.26	1.10	ppb
Manganese	55-2	2932.38	2950.03	2970.33	2950.91	0.64	ppb
Molybdenum	94-1	19.32	20.67	19.91	19.97	3.40	ppb
Molybdenum	95-1	1.20	1.31	1.30	1.27	4.66	ppb
Molybdenum	96-1	4.05	4.21	4.41	4.22	4.23	ppb
Molybdenum	97-1	1.27	1.32	1.26	1.28	2.69	ppb
Molybdenum	98-1	1.33	1.29	1.29	1.30	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.64	127.30	128.21	127.72	0.36	ppb
Phosphorus	31-2	2321.31	2383.99	2427.66	2377.65	2.25	ppb
Potassium	39-2	10136.34	10160.60	10274.00	10190.31	0.72	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	1.05	2.69	1.78	1.84	44.55	ppb
Selenium	77-2	10.40	18.07	3.90	10.79	65.70	ppb
Selenium	78-2	1.40	0.97	1.03	1.13	20.37	ppb
Silicon	28-1	2395.14	2428.91	2418.46	2414.17	0.72	ppb
Silver	107-1	0.22	0.23	0.20	0.22	5.97	ppb
Silver	109-1	0.19	0.21	0.23	0.21	10.68	ppb
Sodium	23-2	210.76	210.39	212.25	211.13	0.47	ppb
Strontium	86-1	73.12	72.45	73.46	73.01	0.70	ppb
Strontium	88-1	72.44	72.37	73.27	72.69	0.69	ppb
Sulfur	34-1	-890.74	-898.11	-994.22	-927.69		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.76	0.70	0.73	0.73	4.14	ppb
Thallium	205-1	0.74	0.73	0.69	0.72	3.56	ppb
Tin	118-1	2.40	2.28	2.28	2.32	3.07	ppb
Titanium	47-1	900.50	904.95	896.60	900.68	0.46	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-07	Instrumnet Name :	P7
Client Sample ID :	MYD9W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:01:50	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.22	1.22	1.23	0.86	ppb
Vanadium	51-2	245.10	247.76	251.63	248.17	1.32	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	257.89	259.15	267.31	261.45	1.96	ppb
Zirconium	90-1	10.76	10.88	10.98	10.87	1.02	ppb
Zirconium	91-1	10.96	10.57	10.73	10.75	1.83	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-08	Instrumnet Name :	P7
Client Sample ID :	MYD9W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:05:17	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38964.14	38687.73	38754.42	38802.10	0.37	ppb
Antimony	121-1	2.84	2.93	2.94	2.90	1.81	ppb
Arsenic	75-2	228.56	229.19	228.93	228.90	0.14	ppb
Barium	135-1	407.69	416.12	415.78	413.20	1.15	ppb
Barium	137-1	411.66	418.41	416.09	415.39	0.83	ppb
Beryllium	9-1	2.12	2.09	1.73	1.98	10.91	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.97	2.14	2.45	2.19	11.06	ppb
Cadmium	106-1	4.35	3.31	3.18	3.62	17.73	ppb
Cadmium	111-1	1.33	1.17	1.14	1.21	8.55	ppb
Calcium	43-1	9063.44	9202.86	9125.12	9130.47	0.77	ppb
Calcium	44-1	9257.41	9421.30	9317.28	9332.00	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.62	126.57	127.75	127.31	0.51	ppb
Cobalt	59-2	58.19	56.78	57.30	57.42	1.24	ppb
Copper	63-2	244.98	245.07	241.56	243.87	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				111		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	128068.14	125596.51	125710.45	126458.37	1.10	ppb
Iron	57-2	124988.83	124024.80	123806.32	124273.31	0.51	ppb
Iron	54-2	127679.21	124919.21	126796.77	126465.06	1.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-08	Instrumnet Name :	P7
Client Sample ID :	MYD9W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:05:17	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.18	61.40	61.62	61.06	1.26	ppb
Lead	207-1	59.47	60.74	59.51	59.91	1.21	ppb
Lead	208-1	59.66	60.63	60.04	60.11	0.81	ppb
Lithium	6-1				82		%
Magnesium	24-2	18151.11	17912.09	17965.62	18009.61	0.70	ppb
Manganese	55-2	2450.35	2437.44	2430.73	2439.51	0.41	ppb
Molybdenum	94-1	29.93	30.31	29.67	29.97	1.08	ppb
Molybdenum	95-1	1.18	1.36	1.19	1.25	8.25	ppb
Molybdenum	96-1	5.04	5.36	4.96	5.12	4.13	ppb
Molybdenum	97-1	1.04	1.28	1.13	1.15	10.65	ppb
Molybdenum	98-1	1.27	1.27	1.16	1.23	5.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.57	120.91	124.46	122.98	1.50	ppb
Phosphorus	31-2	1716.68	1717.30	1796.66	1743.55	2.64	ppb
Potassium	39-2	9619.40	9480.20	9576.16	9558.59	0.75	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	1.74	1.24	0.71	1.23	42.16	ppb
Selenium	77-2	7.68	17.01	14.29	12.99	36.90	ppb
Selenium	78-2	2.02	-2.70	-1.23	-0.64		ppb
Silicon	28-1	2588.98	2584.75	2557.63	2577.12	0.66	ppb
Silver	107-1	0.40	0.37	0.45	0.41	10.91	ppb
Silver	109-1	0.39	0.39	0.37	0.38	3.02	ppb
Sodium	23-2	153.92	152.19	153.46	153.19	0.58	ppb
Strontium	86-1	64.29	67.61	63.86	65.25	3.15	ppb
Strontium	88-1	65.46	66.90	65.31	65.89	1.33	ppb
Sulfur	34-1	-823.32	-825.58	-836.78	-828.56		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.45	0.52	0.49	0.49	6.63	ppb
Thallium	205-1	0.48	0.47	0.48	0.48	1.42	ppb
Tin	118-1	3.19	3.28	3.35	3.27	2.44	ppb
Titanium	47-1	1177.49	1203.04	1187.08	1189.20	1.09	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-08	Instrumnet Name :	P7
Client Sample ID :	MYD9W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:05:17	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.46	1.44	1.45	1.45	0.68	ppb
Vanadium	51-2	221.88	220.86	220.65	221.13	0.30	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	298.92	296.74	302.50	299.39	0.97	ppb
Zirconium	90-1	16.50	17.08	16.71	16.76	1.73	ppb
Zirconium	91-1	16.44	17.07	16.60	16.70	1.96	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-12	Instrumnet Name :	P7
Client Sample ID :	MYD9Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:08:42	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45834.73	43881.49	44895.39	44870.54	2.18	ppb
Antimony	121-1	1.04	1.11	1.01	1.05	4.67	ppb
Arsenic	75-2	116.33	116.85	118.76	117.31	1.09	ppb
Barium	135-1	410.55	381.65	382.83	391.68	4.18	ppb
Barium	137-1	408.84	379.02	386.23	391.36	3.98	ppb
Beryllium	9-1	1.50	1.50	1.48	1.50	0.69	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.95	2.61	1.27	1.95	34.44	ppb
Cadmium	106-1	3.57	2.32	1.63	2.50	39.15	ppb
Cadmium	111-1	0.54	0.50	0.38	0.47	18.02	ppb
Calcium	43-1	12748.49	12133.50	12349.67	12410.55	2.51	ppb
Calcium	44-1	13100.32	12440.64	12588.02	12709.66	2.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.34	113.06	114.87	113.76	0.85	ppb
Cobalt	59-2	49.08	46.87	48.65	48.20	2.43	ppb
Copper	63-2	118.83	116.76	119.87	118.49	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	101018.89	99765.05	101993.43	100925.79	1.11	ppb
Iron	57-2	104847.55	103298.95	105508.71	104551.73	1.08	ppb
Iron	54-2	101364.47	98993.09	103366.69	101241.41	2.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-12	Instrumnet Name :	P7
Client Sample ID :	MYD9Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:08:42	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.64	29.61	29.92	30.39	3.59	ppb
Lead	207-1	28.99	27.09	27.89	27.99	3.40	ppb
Lead	208-1	29.83	28.02	28.33	28.73	3.36	ppb
Lithium	6-1				81		%
Magnesium	24-2	18813.80	18622.11	19092.42	18842.78	1.26	ppb
Manganese	55-2	2463.91	2443.57	2486.63	2464.70	0.87	ppb
Molybdenum	94-1	26.75	25.71	26.93	26.46	2.50	ppb
Molybdenum	95-1	1.06	1.00	0.97	1.01	4.65	ppb
Molybdenum	96-1	4.69	4.34	4.46	4.49	3.99	ppb
Molybdenum	97-1	1.01	0.92	0.93	0.95	4.90	ppb
Molybdenum	98-1	0.99	1.02	0.89	0.97	7.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.07	96.82	100.91	98.93	2.07	ppb
Phosphorus	31-2	1478.45	1520.74	1563.71	1520.97	2.80	ppb
Potassium	39-2	5827.55	5799.51	5910.94	5846.00	0.99	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	82-1	1.09	1.51	1.05	1.22	20.67	ppb
Selenium	77-2	7.87	7.83	3.92	6.54	34.65	ppb
Selenium	78-2	1.47	2.19	1.07	1.58	35.71	ppb
Silicon	28-1	2833.88	2632.91	2672.81	2713.20	3.92	ppb
Silver	107-1	0.15	0.11	0.09	0.11	27.03	ppb
Silver	109-1	0.10	0.10	0.12	0.10	8.67	ppb
Sodium	23-2	215.97	211.91	217.39	215.09	1.32	ppb
Strontium	86-1	72.56	66.41	68.94	69.30	4.46	ppb
Strontium	88-1	71.54	67.04	69.55	69.38	3.25	ppb
Sulfur	34-1	-761.31	-1170.43	-1045.88	-992.54		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.33	0.30	0.27	0.30	9.96	ppb
Thallium	205-1	0.28	0.28	0.28	0.28	0.73	ppb
Tin	118-1	3.72	3.47	3.43	3.54	4.35	ppb
Titanium	47-1	1039.26	980.74	992.22	1004.07	3.09	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-12	Instrumnet Name :	P7
Client Sample ID :	MYD9Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:08:42	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.19	1.18	1.20	2.48	ppb
Vanadium	51-2	175.38	174.08	176.99	175.48	0.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	338.68	333.76	343.06	338.50	1.37	ppb
Zirconium	90-1	15.55	14.61	14.69	14.95	3.48	ppb
Zirconium	91-1	15.18	14.11	14.82	14.71	3.73	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-14	Instrumnet Name :	P7
Client Sample ID :	MYD9Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:15:31	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51749.84	50121.59	51986.96	51286.13	1.98	ppb
Antimony	121-1	1.21	1.27	1.36	1.28	5.79	ppb
Arsenic	75-2	175.31	176.54	177.95	176.60	0.75	ppb
Barium	135-1	493.62	499.20	506.50	499.77	1.29	ppb
Barium	137-1	494.61	501.33	506.35	500.77	1.18	ppb
Beryllium	9-1	1.88	1.77	1.92	1.86	4.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.37	2.76	3.81	3.31	15.93	ppb
Cadmium	106-1	2.95	2.93	5.26	3.71	36.13	ppb
Cadmium	111-1	0.47	0.44	0.56	0.49	12.62	ppb
Calcium	43-1	54290.46	55910.42	55798.63	55333.17	1.64	ppb
Calcium	44-1	52219.25	53623.32	53120.07	52987.55	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.30	130.09	129.39	129.93	0.37	ppb
Cobalt	59-2	48.19	47.24	48.04	47.82	1.07	ppb
Copper	63-2	114.40	112.35	114.70	113.82	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	104020.66	101597.87	104076.57	103231.70	1.37	ppb
Iron	57-2	107011.35	104821.05	107276.12	106369.50	1.27	ppb
Iron	54-2	103264.77	101316.78	103392.34	102657.96	1.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-14	Instrumnet Name :	P7
Client Sample ID :	MYD9Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:15:31	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.29	25.11	25.04	24.81	1.84	ppb
Lead	207-1	22.80	23.88	24.00	23.56	2.80	ppb
Lead	208-1	23.61	24.24	24.29	24.05	1.57	ppb
Lithium	6-1				80		%
Magnesium	24-2	20426.56	19962.84	20720.39	20369.93	1.88	ppb
Manganese	55-2	1818.27	1776.10	1806.74	1800.37	1.21	ppb
Molybdenum	94-1	42.17	42.81	41.81	42.26	1.20	ppb
Molybdenum	95-1	0.72	0.66	0.68	0.69	4.34	ppb
Molybdenum	96-1	5.48	5.67	5.81	5.65	2.99	ppb
Molybdenum	97-1	0.59	0.54	0.64	0.59	8.38	ppb
Molybdenum	98-1	0.68	0.67	0.67	0.67	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.43	126.83	126.46	127.91	1.71	ppb
Phosphorus	31-2	1883.21	1842.13	1641.31	1788.88	7.24	ppb
Potassium	39-2	5169.92	5101.74	5182.72	5151.46	0.85	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	0.85	0.71	1.29	0.95	31.97	ppb
Selenium	77-2	22.26	23.49	18.46	21.40	12.24	ppb
Selenium	78-2	-0.81	0.68	0.38	0.08	952.02	ppb
Silicon	28-1	2318.08	2406.30	2383.75	2369.38	1.93	ppb
Silver	107-1	0.14	0.16	0.14	0.15	7.54	ppb
Silver	109-1	0.14	0.13	0.11	0.12	9.14	ppb
Sodium	23-2	203.62	200.75	198.60	200.99	1.25	ppb
Strontium	86-1	136.88	140.94	139.26	139.03	1.47	ppb
Strontium	88-1	136.34	140.00	139.72	138.68	1.47	ppb
Sulfur	34-1	-812.88	-758.08	-792.56	-787.84		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.31	0.31	0.31	0.31	0.36	ppb
Thallium	205-1	0.32	0.30	0.31	0.31	3.21	ppb
Tin	118-1	2.70	2.92	2.78	2.80	3.83	ppb
Titanium	47-1	1016.30	1042.76	1037.83	1032.30	1.36	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-14	Instrumnet Name :	P7
Client Sample ID :	MYD9Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:15:31	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.96	0.98	0.96	1.90	ppb
Vanadium	51-2	178.88	178.35	179.49	178.91	0.32	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	189.63	176.31	185.52	183.82	3.71	ppb
Zirconium	90-1	23.79	24.67	24.27	24.24	1.81	ppb
Zirconium	91-1	22.97	24.13	23.38	23.49	2.50	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-16	Instrumnet Name :	P7
Client Sample ID :	MYD9Z2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:22:17	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43691.78	43856.33	45443.15	44330.42	2.18	ppb
Antimony	121-1	1.16	1.25	1.25	1.22	4.13	ppb
Arsenic	75-2	134.05	134.68	131.26	133.33	1.37	ppb
Barium	135-1	360.19	364.15	366.66	363.67	0.90	ppb
Barium	137-1	358.30	364.81	366.92	363.34	1.24	ppb
Beryllium	9-1	1.75	1.69	2.02	1.82	9.79	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.96	1.21	1.29	1.49	27.92	ppb
Cadmium	106-1	2.66	2.69	1.28	2.21	36.42	ppb
Cadmium	111-1	0.47	0.57	0.52	0.52	9.48	ppb
Calcium	43-1	46285.53	46886.14	46145.47	46439.05	0.85	ppb
Calcium	44-1	44073.58	45041.89	44595.94	44570.47	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.25	119.50	119.45	119.07	0.60	ppb
Cobalt	59-2	47.07	47.49	48.48	47.68	1.52	ppb
Copper	63-2	116.64	118.64	119.35	118.21	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				110		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	96744.81	97469.99	97238.15	97150.98	0.38	ppb
Iron	57-2	99104.76	99493.32	100072.22	99556.77	0.49	ppb
Iron	54-2	95830.80	95911.18	98104.66	96615.55	1.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-16	Instrumnet Name :	P7
Client Sample ID :	MYD9Z2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:22:17	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.22	24.92	25.51	25.22	1.17	ppb
Lead	207-1	23.54	23.06	23.29	23.30	1.02	ppb
Lead	208-1	24.20	24.03	24.38	24.20	0.73	ppb
Lithium	6-1				80		%
Magnesium	24-2	26864.72	26711.14	27394.93	26990.27	1.33	ppb
Manganese	55-2	1963.28	1986.57	1987.10	1978.98	0.69	ppb
Molybdenum	94-1	13.42	12.97	13.56	13.32	2.32	ppb
Molybdenum	95-1	0.92	0.94	0.94	0.93	1.05	ppb
Molybdenum	96-1	2.81	2.74	2.87	2.81	2.26	ppb
Molybdenum	97-1	1.08	0.87	1.08	1.01	11.63	ppb
Molybdenum	98-1	0.86	0.87	0.91	0.88	3.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.72	109.25	106.17	107.38	1.53	ppb
Phosphorus	31-2	4237.66	4507.74	4293.01	4346.14	3.28	ppb
Potassium	39-2	7122.65	7141.91	7165.04	7143.20	0.30	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	1.35	1.90	0.90	1.38	36.25	ppb
Selenium	77-2	13.99	15.52	10.37	13.29	19.89	ppb
Selenium	78-2	3.79	-2.00	-0.87	0.31	997.75	ppb
Silicon	28-1	2369.98	2362.98	2356.24	2363.06	0.29	ppb
Silver	107-1	0.10	0.08	0.09	0.09	11.06	ppb
Silver	109-1	0.13	0.12	0.12	0.12	4.54	ppb
Sodium	23-2	288.56	286.87	295.08	290.17	1.49	ppb
Strontium	86-1	75.59	76.51	76.49	76.20	0.69	ppb
Strontium	88-1	76.83	76.49	76.73	76.68	0.23	ppb
Sulfur	34-1	-585.76	-603.62	-701.75	-630.38		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.31	0.37	0.34	0.34	8.51	ppb
Thallium	205-1	0.34	0.32	0.33	0.33	2.57	ppb
Tin	118-1	2.51	2.67	2.69	2.62	3.88	ppb
Titanium	47-1	925.29	934.49	932.80	930.86	0.53	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-16	Instrumnet Name :	P7
Client Sample ID :	MYD9Z2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:22:17	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.63	1.65	1.73	1.67	2.99	ppb
Vanadium	51-2	183.10	183.38	182.67	183.05	0.19	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	195.12	208.33	203.88	202.44	3.32	ppb
Zirconium	90-1	7.33	7.35	7.32	7.34	0.17	ppb
Zirconium	91-1	7.06	7.45	7.48	7.33	3.24	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-13	Instrumnet Name :	P7
Client Sample ID :	MYD9Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:26:12	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52277.80	57606.60	51423.59	53769.33	6.23	ppb
Antimony	121-1	2.57	2.72	2.65	2.65	2.90	ppb
Arsenic	75-2	140.55	159.54	143.11	147.73	6.97	ppb
Barium	135-1	822.77	829.90	831.96	828.21	0.58	ppb
Barium	137-1	822.78	834.68	834.06	830.50	0.81	ppb
Beryllium	9-1	1.70	2.15	2.01	1.96	11.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.49	2.92	3.30	2.90	14.07	ppb
Cadmium	106-1	4.39	0.90	1.33	2.21	86.26	ppb
Cadmium	111-1	1.83	1.71	1.28	1.61	18.08	ppb
Calcium	43-1	43158.10	44073.11	43679.41	43636.87	1.05	ppb
Calcium	44-1	41360.75	42246.94	41720.69	41776.13	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.74	135.32	119.72	125.92	6.57	ppb
Cobalt	59-2	59.25	66.24	57.55	61.01	7.55	ppb
Copper	63-2	528.32	577.83	513.42	539.86	6.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	113361.26	127101.16	111774.96	117412.46	7.18	ppb
Iron	57-2	113582.41	124865.30	110093.62	116180.44	6.65	ppb
Iron	54-2	113438.60	126488.03	111995.48	117307.37	6.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-13	Instrumnet Name :	P7
Client Sample ID :	MYD9Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:26:12	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	90.59	91.60	90.66	90.95	0.62	ppb
Lead	207-1	89.11	91.31	91.00	90.47	1.32	ppb
Lead	208-1	89.37	91.32	90.51	90.40	1.09	ppb
Lithium	6-1				80		%
Magnesium	24-2	28001.99	31237.09	27826.70	29021.93	6.62	ppb
Manganese	55-2	2286.40	2538.12	2231.96	2352.16	6.94	ppb
Molybdenum	94-1	29.50	30.58	29.68	29.92	1.92	ppb
Molybdenum	95-1	0.97	1.01	1.11	1.03	7.01	ppb
Molybdenum	96-1	4.93	4.80	4.92	4.89	1.47	ppb
Molybdenum	97-1	1.01	0.87	1.04	0.97	9.59	ppb
Molybdenum	98-1	0.98	1.04	0.96	1.00	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	156.36	171.59	151.24	159.73	6.63	ppb
Phosphorus	31-2	4042.99	4314.87	3717.86	4025.24	7.43	ppb
Potassium	39-2	8854.93	9855.83	8687.03	9132.60	6.92	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.87	2.42	1.43	1.57	50.00	ppb
Selenium	77-2	27.50	17.23	23.27	22.66	22.76	ppb
Selenium	78-2	2.97	2.26	0.23	1.82	77.92	ppb
Silicon	28-1	2352.27	2387.80	2318.49	2352.85	1.47	ppb
Silver	107-1	0.50	0.49	0.51	0.50	1.74	ppb
Silver	109-1	0.49	0.52	0.50	0.51	3.36	ppb
Sodium	23-2	262.40	292.59	258.03	271.00	6.94	ppb
Strontium	86-1	223.16	226.14	225.71	225.00	0.72	ppb
Strontium	88-1	223.93	226.05	227.31	225.76	0.76	ppb
Sulfur	34-1	-230.74	-310.86	-98.12	-213.24		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.40	0.40	0.44	0.41	5.17	ppb
Thallium	205-1	0.40	0.41	0.39	0.40	2.94	ppb
Tin	118-1	4.19	4.30	4.17	4.22	1.70	ppb
Titanium	47-1	1128.74	1143.41	1151.16	1141.10	1.00	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-13	Instrumnet Name :	P7
Client Sample ID :	MYD9Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:26:12	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.17	1.12	1.15	2.26	ppb
Vanadium	51-2	208.36	230.69	201.55	213.53	7.14	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	449.64	496.42	431.31	459.12	7.31	ppb
Zirconium	90-1	16.96	17.19	17.26	17.13	0.91	ppb
Zirconium	91-1	16.62	17.13	16.74	16.83	1.60	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-15	Instrumnet Name :	P7
Client Sample ID :	MYD9Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:29:36	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53726.58	55353.39	55615.48	54898.49	1.86	ppb
Antimony	121-1	1.67	1.73	1.63	1.68	3.19	ppb
Arsenic	75-2	149.57	144.82	146.53	146.97	1.64	ppb
Barium	135-1	401.39	415.81	415.35	410.85	2.00	ppb
Barium	137-1	402.06	418.69	416.43	412.39	2.19	ppb
Beryllium	9-1	1.49	1.69	1.87	1.68	11.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.83	2.81	2.84	2.49	23.11	ppb
Cadmium	106-1	5.35	2.94	3.40	3.90	32.81	ppb
Cadmium	111-1	0.85	0.72	0.81	0.79	8.30	ppb
Calcium	43-1	18566.44	18826.38	18858.47	18750.43	0.85	ppb
Calcium	44-1	17890.66	17681.95	17782.78	17785.13	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156.85	162.87	162.11	160.61	2.04	ppb
Cobalt	59-2	74.52	75.33	75.30	75.05	0.61	ppb
Copper	63-2	190.80	193.02	194.19	192.67	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				113		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	140022.15	142072.50	141773.59	141289.41	0.78	ppb
Iron	57-2	137134.46	141476.50	141300.09	139970.35	1.76	ppb
Iron	54-2	137907.48	140260.78	141844.18	140004.15	1.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-15	Instrumnet Name :	P7
Client Sample ID :	MYD9Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:29:36	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.92	25.29	25.86	25.69	1.35	ppb
Lead	207-1	24.85	24.93	25.15	24.98	0.63	ppb
Lead	208-1	25.21	25.04	25.43	25.23	0.78	ppb
Lithium	6-1				80		%
Magnesium	24-2	24432.13	24893.61	24688.30	24671.34	0.94	ppb
Manganese	55-2	3096.44	3149.29	3155.54	3133.76	1.04	ppb
Molybdenum	94-1	37.70	37.26	36.82	37.26	1.19	ppb
Molybdenum	95-1	0.71	0.83	0.81	0.78	8.37	ppb
Molybdenum	96-1	5.57	5.61	5.75	5.64	1.69	ppb
Molybdenum	97-1	0.80	0.92	0.84	0.85	6.77	ppb
Molybdenum	98-1	0.74	0.70	0.80	0.75	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.52	127.78	124.76	125.69	1.45	ppb
Phosphorus	31-2	1425.55	1615.52	1517.84	1519.64	6.25	ppb
Potassium	39-2	5234.12	5314.54	5353.77	5300.81	1.15	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	82-1	0.69	1.92	1.08	1.23	51.16	ppb
Selenium	77-2	10.29	16.72	15.60	14.20	24.18	ppb
Selenium	78-2	-0.54	1.31	-1.97	-0.40		ppb
Silicon	28-1	2200.60	2232.15	2237.67	2223.47	0.90	ppb
Silver	107-1	0.11	0.14	0.14	0.13	10.86	ppb
Silver	109-1	0.12	0.13	0.10	0.12	11.53	ppb
Sodium	23-2	441.97	457.94	459.94	453.28	2.17	ppb
Strontium	86-1	92.01	92.91	90.30	91.74	1.45	ppb
Strontium	88-1	92.56	91.37	90.28	91.40	1.25	ppb
Sulfur	34-1	-1219.01	-1291.49	-1338.42	-1282.97		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.32	0.30	0.28	0.30	5.13	ppb
Thallium	205-1	0.26	0.28	0.26	0.27	4.62	ppb
Tin	118-1	2.60	2.77	2.75	2.71	3.38	ppb
Titanium	47-1	3662.72	3724.27	3693.41	3693.47	0.83	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-15	Instrumnet Name :	P7
Client Sample ID :	MYD9Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:29:36	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.88	0.93	0.90	2.86	ppb
Vanadium	51-2	334.83	341.15	341.52	339.17	1.11	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	208.98	210.23	211.93	210.38	0.71	ppb
Zirconium	90-1	21.22	20.94	20.81	20.99	1.00	ppb
Zirconium	91-1	20.57	20.37	21.03	20.66	1.64	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-17	Instrumnet Name :	P7
Client Sample ID :	MYD9Z3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:33:01	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54123.15	53301.69	53800.47	53741.77	0.77	ppb
Antimony	121-1	1.16	1.22	1.17	1.18	2.76	ppb
Arsenic	75-2	171.79	174.00	170.36	172.05	1.06	ppb
Barium	135-1	632.16	635.81	633.58	633.85	0.29	ppb
Barium	137-1	633.86	637.20	636.68	635.92	0.28	ppb
Beryllium	9-1	1.83	2.00	1.46	1.76	15.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.77	3.37	3.28	3.14	10.39	ppb
Cadmium	106-1	4.25	5.62	5.23	5.03	14.06	ppb
Cadmium	111-1	0.58	0.64	0.59	0.60	5.67	ppb
Calcium	43-1	124291.35	125548.16	125686.00	125175.17	0.61	ppb
Calcium	44-1	118603.40	120309.57	121184.79	120032.58	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	141.05	139.19	141.50	140.58	0.87	ppb
Cobalt	59-2	48.44	47.93	49.07	48.48	1.18	ppb
Copper	63-2	111.86	108.96	111.67	110.83	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				108		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	106030.49	105868.36	107915.45	106604.77	1.07	ppb
Iron	57-2	110650.55	110600.07	111244.59	110831.74	0.32	ppb
Iron	54-2	106872.22	106677.30	107952.74	107167.42	0.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-17	Instrumnet Name :	P7
Client Sample ID :	MYD9Z3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:33:01	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.81	24.93	25.56	25.10	1.60	ppb
Lead	207-1	23.48	23.78	23.75	23.67	0.70	ppb
Lead	208-1	23.93	24.25	24.44	24.21	1.07	ppb
Lithium	6-1				75		%
Magnesium	24-2	24200.86	24230.93	24423.49	24285.09	0.50	ppb
Manganese	55-2	1851.62	1845.86	1879.13	1858.87	0.96	ppb
Molybdenum	94-1	56.66	57.47	57.94	57.36	1.13	ppb
Molybdenum	95-1	0.55	0.61	0.60	0.59	5.60	ppb
Molybdenum	96-1	7.24	7.31	7.44	7.33	1.41	ppb
Molybdenum	97-1	0.59	0.62	0.55	0.58	6.17	ppb
Molybdenum	98-1	0.55	0.54	0.59	0.56	5.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.17	133.39	134.82	134.46	0.70	ppb
Phosphorus	31-2	2548.28	2368.11	2423.76	2446.72	3.77	ppb
Potassium	39-2	6481.00	6501.45	6606.89	6529.78	1.03	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	2.43	1.06	1.42	1.64	43.27	ppb
Selenium	77-2	16.60	16.43	20.73	17.92	13.59	ppb
Selenium	78-2	0.33	-1.32	1.92	0.31	520.23	ppb
Silicon	28-1	3019.49	3013.96	2994.96	3009.47	0.43	ppb
Silver	107-1	0.15	0.12	0.14	0.14	11.85	ppb
Silver	109-1	0.14	0.13	0.11	0.12	12.02	ppb
Sodium	23-2	242.54	242.39	243.80	242.91	0.32	ppb
Strontium	86-1	221.29	220.66	223.04	221.66	0.56	ppb
Strontium	88-1	221.07	222.02	224.40	222.50	0.77	ppb
Sulfur	34-1	-207.85	-206.09	-190.86	-201.60		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.33	0.39	0.32	0.35	10.78	ppb
Thallium	205-1	0.31	0.33	0.33	0.32	4.31	ppb
Tin	118-1	3.02	3.09	3.01	3.04	1.38	ppb
Titanium	47-1	1253.40	1261.41	1270.37	1261.73	0.67	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-17	Instrumnet Name :	P7
Client Sample ID :	MYD9Z3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:33:01	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.14	1.11	1.12	1.92	ppb
Vanadium	51-2	179.40	178.49	181.29	179.73	0.79	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	182.16	183.62	189.55	185.11	2.11	ppb
Zirconium	90-1	33.32	32.48	33.46	33.09	1.60	ppb
Zirconium	91-1	32.00	32.09	32.64	32.25	1.08	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-18	Instrumnet Name :	P7
Client Sample ID :	MYD9Z4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:36:25	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48878.32	47284.93	47572.51	47911.92	1.77	ppb
Antimony	121-1	0.77	0.80	0.79	0.78	2.10	ppb
Arsenic	75-2	132.98	132.29	136.80	134.02	1.81	ppb
Barium	135-1	469.75	479.92	487.12	478.93	1.82	ppb
Barium	137-1	471.09	479.02	486.90	479.00	1.65	ppb
Beryllium	9-1	1.42	1.99	1.70	1.71	16.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	2.88	1.62	1.73	63.27	ppb
Cadmium	106-1	3.61	2.20	0.43	2.08	76.66	ppb
Cadmium	111-1	0.53	0.46	0.40	0.46	13.94	ppb
Calcium	43-1	12617.40	12769.04	12914.61	12767.02	1.16	ppb
Calcium	44-1	12834.80	12916.40	13012.36	12921.19	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.03	125.13	126.72	126.63	1.15	ppb
Cobalt	59-2	48.45	48.42	48.67	48.51	0.28	ppb
Copper	63-2	105.10	104.32	105.16	104.86	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				110		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	99397.01	97230.15	98658.70	98428.62	1.12	ppb
Iron	57-2	102178.42	100004.46	101554.09	101245.66	1.11	ppb
Iron	54-2	98869.65	97507.52	99201.75	98526.31	0.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-18	Instrumnet Name :	P7
Client Sample ID :	MYD9Z4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:36:25	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.16	23.20	23.34	23.23	0.42	ppb
Lead	207-1	22.55	21.73	21.92	22.07	1.96	ppb
Lead	208-1	22.55	22.53	22.62	22.56	0.20	ppb
Lithium	6-1				77		%
Magnesium	24-2	19664.17	19362.80	19422.55	19483.17	0.82	ppb
Manganese	55-2	2775.59	2696.78	2743.03	2738.47	1.45	ppb
Molybdenum	94-1	27.07	27.65	27.33	27.35	1.06	ppb
Molybdenum	95-1	0.58	0.53	0.59	0.57	5.82	ppb
Molybdenum	96-1	4.06	4.16	4.12	4.11	1.31	ppb
Molybdenum	97-1	0.68	0.57	0.56	0.60	11.07	ppb
Molybdenum	98-1	0.51	0.55	0.54	0.53	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.27	109.18	112.02	111.82	2.28	ppb
Phosphorus	31-2	1148.29	1154.37	1182.48	1161.72	1.57	ppb
Potassium	39-2	5876.97	5739.05	5833.72	5816.58	1.21	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	0.74	0.56	1.78	1.03	63.86	ppb
Selenium	77-2	11.93	11.84	9.35	11.04	13.28	ppb
Selenium	78-2	1.18	3.78	-0.68	1.42	157.28	ppb
Silicon	28-1	2190.93	2164.24	2246.52	2200.57	1.91	ppb
Silver	107-1	0.10	0.10	0.09	0.09	7.64	ppb
Silver	109-1	0.08	0.10	0.07	0.09	17.57	ppb
Sodium	23-2	133.18	132.69	134.85	133.57	0.85	ppb
Strontium	86-1	79.13	78.98	80.10	79.41	0.77	ppb
Strontium	88-1	78.60	79.60	80.05	79.42	0.93	ppb
Sulfur	34-1	-1043.40	-1319.72	-1286.76	-1216.63		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.31	0.34	0.35	0.33	5.20	ppb
Thallium	205-1	0.30	0.30	0.30	0.30	1.17	ppb
Tin	118-1	1.97	2.03	1.94	1.98	2.46	ppb
Titanium	47-1	806.52	818.31	821.99	815.60	0.99	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-18	Instrumnet Name :	P7
Client Sample ID :	MYD9Z4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:36:25	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.86	0.91	0.88	2.89	ppb
Vanadium	51-2	178.42	174.21	174.32	175.65	1.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	181.85	182.05	183.87	182.59	0.61	ppb
Zirconium	90-1	15.48	15.72	15.79	15.66	1.03	ppb
Zirconium	91-1	15.84	15.77	15.79	15.80	0.25	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-19	Instrumnet Name :	P7
Client Sample ID :	MYD9Z5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:39:54	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50932.14	52640.40	51806.03	51792.85	1.65	ppb
Antimony	121-1	1.14	1.15	1.14	1.14	0.52	ppb
Arsenic	75-2	170.85	164.90	167.04	167.60	1.80	ppb
Barium	135-1	518.57	522.26	502.33	514.39	2.06	ppb
Barium	137-1	520.09	517.86	507.96	515.30	1.25	ppb
Beryllium	9-1	1.88	1.91	1.70	1.83	6.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.52	2.03	2.47	2.67	28.57	ppb
Cadmium	106-1	3.67	4.40	1.27	3.11	52.54	ppb
Cadmium	111-1	0.45	0.69	0.36	0.50	33.64	ppb
Calcium	43-1	13177.66	13325.34	13327.28	13276.76	0.65	ppb
Calcium	44-1	13398.39	13519.24	13557.09	13491.57	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.68	136.72	135.23	135.21	1.12	ppb
Cobalt	59-2	56.42	56.49	57.00	56.64	0.55	ppb
Copper	63-2	119.92	120.83	120.43	120.39	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				114		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	113903.05	116568.98	115824.25	115432.09	1.19	ppb
Iron	57-2	115670.32	114340.71	115859.24	115290.09	0.72	ppb
Iron	54-2	112290.81	116212.57	113702.18	114068.52	1.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-19	Instrumnet Name :	P7
Client Sample ID :	MYD9Z5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:39:54	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.98	28.63	28.46	28.35	1.18	ppb
Lead	207-1	27.10	27.13	26.84	27.02	0.58	ppb
Lead	208-1	27.28	27.65	27.32	27.42	0.74	ppb
Lithium	6-1				79		%
Magnesium	24-2	21218.44	22090.12	21534.02	21614.20	2.04	ppb
Manganese	55-2	2564.75	2604.21	2585.13	2584.69	0.76	ppb
Molybdenum	94-1	39.64	40.09	41.08	40.27	1.83	ppb
Molybdenum	95-1	0.73	0.75	0.72	0.73	1.97	ppb
Molybdenum	96-1	5.62	5.77	5.90	5.76	2.50	ppb
Molybdenum	97-1	0.68	0.61	0.76	0.68	10.74	ppb
Molybdenum	98-1	0.70	0.67	0.66	0.68	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.17	125.73	124.93	125.61	0.50	ppb
Phosphorus	31-2	1631.70	1760.36	1667.52	1686.53	3.94	ppb
Potassium	39-2	6798.55	6948.98	6878.18	6875.24	1.09	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	1.45	1.16	2.23	1.61	34.04	ppb
Selenium	77-2	6.43	9.08	10.41	8.64	23.42	ppb
Selenium	78-2	-0.54	-0.86	1.78	0.13	1150.97	ppb
Silicon	28-1	2698.27	2709.23	2692.69	2700.06	0.31	ppb
Silver	107-1	0.13	0.13	0.14	0.14	3.98	ppb
Silver	109-1	0.12	0.13	0.11	0.12	8.37	ppb
Sodium	23-2	144.19	142.75	141.40	142.78	0.98	ppb
Strontium	86-1	93.60	93.71	95.61	94.31	1.20	ppb
Strontium	88-1	93.20	94.70	95.48	94.46	1.22	ppb
Sulfur	34-1	-1271.54	-1272.28	-1419.86	-1321.23		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.36	0.37	0.32	0.35	8.86	ppb
Thallium	205-1	0.33	0.38	0.34	0.35	7.54	ppb
Tin	118-1	2.39	2.39	2.37	2.38	0.53	ppb
Titanium	47-1	1010.71	1017.93	1025.83	1018.16	0.74	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-19	Instrumnet Name :	P7
Client Sample ID :	MYD9Z5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:39:54	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.97	0.96	0.96	0.73	ppb
Vanadium	51-2	199.82	206.51	202.58	202.97	1.66	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	203.02	204.83	205.23	204.36	0.58	ppb
Zirconium	90-1	22.57	23.38	23.31	23.09	1.95	ppb
Zirconium	91-1	22.60	23.15	23.25	23.00	1.54	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-20	Instrumnet Name :	P7
Client Sample ID :	MYD9Z6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:43:19	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42913.37	43495.37	43427.96	43278.90	0.74	ppb
Antimony	121-1	1.21	1.21	1.13	1.18	3.92	ppb
Arsenic	75-2	168.66	169.46	169.83	169.32	0.35	ppb
Barium	135-1	351.30	352.50	353.73	352.51	0.34	ppb
Barium	137-1	355.45	356.21	353.59	355.09	0.38	ppb
Beryllium	9-1	1.54	1.78	1.35	1.56	13.67	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.53	1.02	1.67	1.41	24.60	ppb
Cadmium	106-1	2.53	1.06	0.49	1.36	77.15	ppb
Cadmium	111-1	0.49	0.41	0.47	0.46	9.37	ppb
Calcium	43-1	12461.93	12482.91	12437.06	12460.63	0.18	ppb
Calcium	44-1	12590.14	12744.45	12797.80	12710.80	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.92	133.03	133.15	132.70	0.51	ppb
Cobalt	59-2	52.55	51.05	52.40	52.00	1.59	ppb
Copper	63-2	122.60	124.06	126.21	124.29	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				112		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	105219.60	103618.76	106514.44	105117.60	1.38	ppb
Iron	57-2	107261.03	107549.69	108807.63	107872.78	0.76	ppb
Iron	54-2	103580.79	105799.42	105481.44	104953.88	1.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-20	Instrumnet Name :	P7
Client Sample ID :	MYD9Z6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:43:19	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.48	29.74	30.14	29.79	1.11	ppb
Lead	207-1	28.32	29.23	28.79	28.78	1.57	ppb
Lead	208-1	28.93	29.40	29.20	29.18	0.81	ppb
Lithium	6-1				78		%
Magnesium	24-2	18659.40	18734.15	18980.23	18791.26	0.89	ppb
Manganese	55-2	2079.46	2086.83	2118.48	2094.92	0.99	ppb
Molybdenum	94-1	28.24	28.45	28.99	28.56	1.36	ppb
Molybdenum	95-1	0.81	0.68	0.78	0.76	9.13	ppb
Molybdenum	96-1	4.18	4.30	4.28	4.25	1.55	ppb
Molybdenum	97-1	0.70	0.74	0.71	0.71	3.16	ppb
Molybdenum	98-1	0.71	0.62	0.75	0.70	9.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.66	117.31	114.95	115.97	1.04	ppb
Phosphorus	31-2	1361.65	1362.54	1399.67	1374.62	1.58	ppb
Potassium	39-2	6545.34	6589.96	6648.75	6594.69	0.79	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	2.15	1.05	0.80	1.33	53.98	ppb
Selenium	77-2	9.35	8.06	9.46	8.96	8.73	ppb
Selenium	78-2	1.63	1.28	-0.61	0.77	156.94	ppb
Silicon	28-1	2608.01	2637.91	2565.55	2603.82	1.40	ppb
Silver	107-1	0.10	0.12	0.12	0.12	10.60	ppb
Silver	109-1	0.13	0.11	0.12	0.12	9.09	ppb
Sodium	23-2	162.03	167.49	171.79	167.10	2.93	ppb
Strontium	86-1	72.98	73.93	75.11	74.01	1.44	ppb
Strontium	88-1	72.62	73.73	74.84	73.73	1.50	ppb
Sulfur	34-1	-1086.89	-1174.49	-1200.35	-1153.91		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.35	0.28	0.30	0.31	11.78	ppb
Thallium	205-1	0.30	0.29	0.29	0.29	2.00	ppb
Tin	118-1	2.32	2.24	2.30	2.29	1.76	ppb
Titanium	47-1	908.55	913.93	926.53	916.34	1.01	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-20	Instrumnet Name :	P7
Client Sample ID :	MYD9Z6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:43:19	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.85	0.85	0.85	1.38	ppb
Vanadium	51-2	189.74	190.49	194.16	191.46	1.24	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	182.41	181.51	185.86	183.26	1.25	ppb
Zirconium	90-1	15.67	16.02	16.12	15.94	1.49	ppb
Zirconium	91-1	15.54	15.95	16.21	15.90	2.11	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-21	Instrumnet Name :	P7
Client Sample ID :	MYD9Z7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:46:48	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49793.03	49288.93	49559.25	49547.07	0.51	ppb
Antimony	121-1	2.05	1.74	1.73	1.84	10.06	ppb
Arsenic	75-2	190.70	190.69	194.00	191.79	1.00	ppb
Barium	135-1	654.54	556.41	550.38	587.11	9.96	ppb
Barium	137-1	658.43	556.07	550.56	588.35	10.33	ppb
Beryllium	9-1	2.49	2.14	2.25	2.29	7.86	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.25	3.38	3.82	3.48	8.52	ppb
Cadmium	106-1	6.52	4.49	6.67	5.90	20.64	ppb
Cadmium	111-1	0.75	0.48	0.61	0.62	21.99	ppb
Calcium	43-1	24305.33	21038.24	21229.58	22191.05	8.26	ppb
Calcium	44-1	23158.89	19820.51	20565.47	21181.63	8.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.93	122.37	125.52	124.61	1.57	ppb
Cobalt	59-2	51.93	51.84	50.32	51.36	1.76	ppb
Copper	63-2	121.65	119.23	121.89	120.92	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				105		%
Holmium	165-2				103		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	112212.31	111251.57	111408.76	111624.21	0.46	ppb
Iron	57-2	114537.85	110138.97	108656.28	111111.03	2.75	ppb
Iron	54-2	112507.03	112798.68	112064.08	112456.60	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-21	Instrumnet Name :	P7
Client Sample ID :	MYD9Z7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:46:48	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.02	27.00	27.50	28.84	9.58	ppb
Lead	207-1	30.82	25.75	25.97	27.51	10.42	ppb
Lead	208-1	31.31	26.21	26.88	28.14	9.86	ppb
Lithium	6-1				74		%
Magnesium	24-2	22273.90	22335.08	22049.99	22219.65	0.68	ppb
Manganese	55-2	2067.75	2045.23	2048.98	2053.99	0.59	ppb
Molybdenum	94-1	63.41	55.73	56.38	58.51	7.28	ppb
Molybdenum	95-1	0.78	0.65	0.66	0.70	10.00	ppb
Molybdenum	96-1	8.57	7.41	7.17	7.72	9.71	ppb
Molybdenum	97-1	0.74	0.60	0.69	0.68	10.70	ppb
Molybdenum	98-1	0.72	0.58	0.64	0.65	10.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.63	135.48	136.73	137.28	1.55	ppb
Phosphorus	31-2	2167.40	2330.75	2256.48	2251.54	3.63	ppb
Potassium	39-2	6876.09	6825.79	6793.83	6831.90	0.61	ppb
Rhodium	103-1				89		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				98		%
Selenium	82-1	2.38	2.09	0.90	1.79	43.71	ppb
Selenium	77-2	18.78	21.43	14.81	18.34	18.16	ppb
Selenium	78-2	2.05	-1.05	4.41	1.80	152.14	ppb
Silicon	28-1	3273.21	2865.77	2850.13	2996.37	8.01	ppb
Silver	107-1	0.14	0.13	0.14	0.14	4.58	ppb
Silver	109-1	0.12	0.10	0.11	0.11	10.40	ppb
Sodium	23-2	199.62	197.18	196.79	197.86	0.78	ppb
Strontium	86-1	187.87	162.51	166.16	172.18	7.96	ppb
Strontium	88-1	187.71	162.55	165.51	171.93	8.00	ppb
Sulfur	34-1	-172.08	-1017.37	-902.10	-697.18		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.34	0.30	0.33	0.32	6.17	ppb
Thallium	205-1	0.37	0.31	0.33	0.34	8.94	ppb
Tin	118-1	3.20	2.59	2.58	2.79	12.61	ppb
Titanium	47-1	1352.01	1184.77	1188.98	1241.92	7.68	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-21	Instrumnet Name :	P7
Client Sample ID :	MYD9Z7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:46:48	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	0.96	0.99	1.01	6.10	ppb
Vanadium	51-2	187.66	189.79	190.25	189.24	0.73	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	196.85	197.10	194.42	196.12	0.75	ppb
Zirconium	90-1	37.63	32.35	33.01	34.33	8.38	ppb
Zirconium	91-1	36.66	31.51	32.78	33.65	7.98	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-22	Instrumnet Name :	P7
Client Sample ID :	MYD9Z8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:50:12	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40600.55	41221.15	41555.91	41125.87	1.18	ppb
Antimony	121-1	0.92	0.96	1.03	0.97	5.89	ppb
Arsenic	75-2	62.12	64.15	65.64	63.97	2.76	ppb
Barium	135-1	358.74	349.92	351.74	353.47	1.32	ppb
Barium	137-1	358.20	349.82	351.65	353.22	1.25	ppb
Beryllium	9-1	1.57	1.47	1.52	1.52	3.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.69	1.46	1.22	1.46	16.46	ppb
Cadmium	106-1	1.02	2.08	2.23	1.78	37.39	ppb
Cadmium	111-1	0.59	0.75	0.56	0.64	16.43	ppb
Calcium	43-1	19203.82	19297.70	19131.81	19211.11	0.43	ppb
Calcium	44-1	19472.88	19453.17	19533.99	19486.68	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.77	74.55	77.15	75.83	1.71	ppb
Cobalt	59-2	41.07	42.57	42.82	42.15	2.24	ppb
Copper	63-2	133.97	135.64	137.17	135.59	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				109		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	94014.09	93495.31	95291.27	94266.89	0.98	ppb
Iron	57-2	95418.90	96810.84	97625.36	96618.37	1.15	ppb
Iron	54-2	93017.54	95540.35	95237.67	94598.52	1.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-22	Instrumnet Name :	P7
Client Sample ID :	MYD9Z8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:50:12	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.51	44.72	44.23	44.15	1.38	ppb
Lead	207-1	39.27	39.87	40.00	39.71	0.97	ppb
Lead	208-1	40.40	41.22	40.84	40.82	1.00	ppb
Lithium	6-1				76		%
Magnesium	24-2	18326.99	18488.93	18707.01	18507.64	1.03	ppb
Manganese	55-2	2023.09	2028.22	2074.06	2041.79	1.37	ppb
Molybdenum	94-1	17.48	18.06	17.49	17.68	1.91	ppb
Molybdenum	95-1	1.09	1.06	0.98	1.04	5.28	ppb
Molybdenum	96-1	3.57	3.59	3.33	3.50	4.16	ppb
Molybdenum	97-1	1.04	1.05	1.17	1.09	6.47	ppb
Molybdenum	98-1	1.04	0.93	0.86	0.94	9.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.69	67.86	65.68	66.74	1.63	ppb
Phosphorus	31-2	2803.80	2819.40	2947.86	2857.02	2.77	ppb
Potassium	39-2	9965.89	10001.50	10147.43	10038.27	0.96	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	82-1	2.34	0.31	1.58	1.41	72.64	ppb
Selenium	77-2	9.58	6.90	11.11	9.20	23.18	ppb
Selenium	78-2	-1.32	-2.07	0.76	-0.88		ppb
Silicon	28-1	3026.94	3062.19	3090.09	3059.74	1.03	ppb
Silver	107-1	0.18	0.16	0.16	0.16	6.16	ppb
Silver	109-1	0.15	0.15	0.16	0.16	4.20	ppb
Sodium	23-2	199.85	202.41	203.18	201.81	0.86	ppb
Strontium	86-1	94.33	93.24	92.18	93.25	1.15	ppb
Strontium	88-1	93.79	94.02	92.85	93.55	0.66	ppb
Sulfur	34-1	-200.74	-218.65	-296.82	-238.74		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.27	0.27	0.29	0.28	4.18	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	0.55	ppb
Tin	118-1	2.60	2.51	2.61	2.57	2.06	ppb
Titanium	47-1	1216.52	1223.91	1219.07	1219.83	0.31	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-22	Instrumnet Name :	P7
Client Sample ID :	MYD9Z8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:50:12	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.98	2.00	2.04	2.01	1.32	ppb
Vanadium	51-2	153.38	155.13	157.12	155.21	1.21	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	369.47	366.26	377.28	371.01	1.53	ppb
Zirconium	90-1	9.84	9.77	9.75	9.79	0.47	ppb
Zirconium	91-1	9.70	10.11	9.46	9.76	3.37	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-01	Instrumnet Name :	P7
Client Sample ID :	MYD9X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:53:41	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43524.48	44856.26	45115.58	44498.77	1.92	ppb
Antimony	121-1	2.12	2.13	2.09	2.11	1.08	ppb
Arsenic	75-2	161.87	162.70	166.86	163.81	1.63	ppb
Barium	135-1	648.87	651.47	650.07	650.14	0.20	ppb
Barium	137-1	648.68	655.64	653.37	652.57	0.54	ppb
Beryllium	9-1	2.08	1.92	2.18	2.06	6.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.84	3.01	1.98	2.28	28.16	ppb
Cadmium	106-1	2.02	3.57	4.06	3.21	33.14	ppb
Cadmium	111-1	1.09	1.13	1.37	1.20	12.62	ppb
Calcium	43-1	10285.15	10695.05	10391.24	10457.15	2.03	ppb
Calcium	44-1	10432.63	10649.83	10703.25	10595.24	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.95	127.82	129.78	128.18	1.13	ppb
Cobalt	59-2	60.12	61.13	61.31	60.85	1.06	ppb
Copper	63-2	233.02	234.10	237.22	234.78	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	126634.72	129492.61	130702.33	128943.22	1.62	ppb
Iron	57-2	127068.44	125277.49	127626.83	126657.59	0.97	ppb
Iron	54-2	125867.20	127043.83	130153.68	127688.24	1.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-01	Instrumnet Name :	P7
Client Sample ID :	MYD9X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:53:41	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.64	54.46	53.86	53.99	0.79	ppb
Lead	207-1	52.06	52.75	53.11	52.64	1.01	ppb
Lead	208-1	52.65	53.24	53.32	53.07	0.69	ppb
Lithium	6-1				77		%
Magnesium	24-2	20364.70	19793.49	20749.00	20302.40	2.37	ppb
Manganese	55-2	4604.73	4728.00	4781.55	4704.76	1.93	ppb
Molybdenum	94-1	32.62	32.19	32.41	32.41	0.67	ppb
Molybdenum	95-1	1.27	1.30	1.18	1.25	5.16	ppb
Molybdenum	96-1	5.21	5.38	5.45	5.35	2.24	ppb
Molybdenum	97-1	1.24	1.33	1.24	1.27	3.98	ppb
Molybdenum	98-1	1.08	1.05	1.18	1.10	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.66	141.08	143.50	142.08	0.89	ppb
Phosphorus	31-2	1771.25	1839.25	1767.50	1792.67	2.25	ppb
Potassium	39-2	9391.75	9563.95	9656.44	9537.38	1.41	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	82-1	1.16	1.39	1.74	1.43	20.26	ppb
Selenium	77-2	14.81	15.05	13.56	14.47	5.53	ppb
Selenium	78-2	1.30	3.80	0.58	1.89	89.24	ppb
Silicon	28-1	2609.68	2607.62	2614.03	2610.44	0.13	ppb
Silver	107-1	0.33	0.30	0.33	0.32	4.62	ppb
Silver	109-1	0.35	0.32	0.30	0.32	7.13	ppb
Sodium	23-2	160.55	164.32	165.29	163.39	1.54	ppb
Strontium	86-1	81.11	81.16	79.65	80.64	1.07	ppb
Strontium	88-1	81.45	81.24	80.83	81.17	0.39	ppb
Sulfur	34-1	-1036.04	-1000.40	-980.19	-1005.55		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.55	0.58	0.59	0.57	3.42	ppb
Thallium	205-1	0.56	0.57	0.60	0.57	3.10	ppb
Tin	118-1	3.41	3.58	3.36	3.45	3.34	ppb
Titanium	47-1	1157.35	1176.62	1165.42	1166.46	0.83	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-01	Instrumnet Name :	P7
Client Sample ID :	MYD9X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:53:41	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.44	1.43	1.39	1.42	1.74	ppb
Vanadium	51-2	220.94	220.73	226.31	222.66	1.42	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	237.07	238.51	241.09	238.89	0.85	ppb
Zirconium	90-1	18.41	18.43	18.13	18.32	0.90	ppb
Zirconium	91-1	18.06	18.46	18.18	18.23	1.12	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-02	Instrumnet Name :	P7
Client Sample ID :	MYD9X1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:57:04	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40485.87	41889.35	41422.18	41265.80	1.73	ppb
Antimony	121-1	1.63	1.74	1.86	1.75	6.54	ppb
Arsenic	75-2	154.22	155.03	154.60	154.62	0.26	ppb
Barium	135-1	409.06	417.46	417.69	414.74	1.19	ppb
Barium	137-1	412.31	415.31	423.21	416.94	1.35	ppb
Beryllium	9-1	1.40	1.67	1.42	1.50	9.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.72	2.88	2.90	2.83	3.49	ppb
Cadmium	106-1	4.43	3.42	3.35	3.74	16.19	ppb
Cadmium	111-1	0.79	0.67	0.61	0.69	13.67	ppb
Calcium	43-1	8876.30	9160.25	9060.33	9032.29	1.59	ppb
Calcium	44-1	9121.59	9203.44	9216.44	9180.49	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.07	121.04	120.19	120.10	0.82	ppb
Cobalt	59-2	56.68	56.72	57.17	56.86	0.48	ppb
Copper	63-2	158.68	159.45	161.10	159.74	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				111		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	115968.61	116074.77	118049.69	116697.69	1.00	ppb
Iron	57-2	115066.57	115808.71	117394.00	116089.76	1.02	ppb
Iron	54-2	114803.62	117452.25	117322.08	116525.98	1.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-02	Instrumnet Name :	P7
Client Sample ID :	MYD9X1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:57:04	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.29	39.02	39.66	39.32	0.82	ppb
Lead	207-1	38.03	38.24	38.94	38.40	1.24	ppb
Lead	208-1	38.51	38.66	38.98	38.72	0.62	ppb
Lithium	6-1				76		%
Magnesium	24-2	19303.42	19421.23	19704.75	19476.47	1.06	ppb
Manganese	55-2	2408.70	2425.64	2466.28	2433.54	1.22	ppb
Molybdenum	94-1	38.35	38.30	39.07	38.57	1.12	ppb
Molybdenum	95-1	0.96	1.10	1.08	1.05	7.09	ppb
Molybdenum	96-1	5.47	5.91	5.67	5.69	3.88	ppb
Molybdenum	97-1	1.04	0.96	0.98	0.99	3.75	ppb
Molybdenum	98-1	0.90	0.88	1.02	0.94	7.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.53	121.51	120.45	120.16	1.26	ppb
Phosphorus	31-2	1556.00	1574.42	1741.23	1623.88	6.28	ppb
Potassium	39-2	8040.39	8107.73	8240.18	8129.43	1.25	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	2.48	1.72	1.40	1.87	29.81	ppb
Selenium	77-2	8.24	19.27	4.15	10.56	74.09	ppb
Selenium	78-2	-0.51	-0.89	0.74	-0.22		ppb
Silicon	28-1	2564.22	2613.16	2600.85	2592.75	0.98	ppb
Silver	107-1	0.18	0.19	0.19	0.19	2.38	ppb
Silver	109-1	0.19	0.18	0.17	0.18	5.64	ppb
Sodium	23-2	132.80	133.72	136.42	134.31	1.40	ppb
Strontium	86-1	62.81	63.63	63.83	63.42	0.85	ppb
Strontium	88-1	62.60	63.60	63.67	63.29	0.95	ppb
Sulfur	34-1	-1087.83	-953.47	-1051.42	-1030.91		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.36	0.41	0.40	0.39	6.66	ppb
Thallium	205-1	0.40	0.39	0.41	0.40	2.07	ppb
Tin	118-1	2.71	2.77	2.93	2.80	4.13	ppb
Titanium	47-1	1042.98	1049.14	1044.53	1045.55	0.31	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-02	Instrumnet Name :	P7
Client Sample ID :	MYD9X1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:57:04	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.18	1.13	1.15	1.86	ppb
Vanadium	51-2	206.03	208.34	211.79	208.72	1.39	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	217.04	215.97	212.01	215.00	1.23	ppb
Zirconium	90-1	21.50	21.98	21.89	21.79	1.17	ppb
Zirconium	91-1	21.41	21.74	22.40	21.85	2.30	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-03	Instrumnet Name :	P7
Client Sample ID :	MYD9X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:00:32	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36838.30	36008.53	36850.92	36565.92	1.32	ppb
Antimony	121-1	1.04	1.12	1.00	1.05	5.63	ppb
Arsenic	75-2	108.30	105.56	108.15	107.33	1.44	ppb
Barium	135-1	365.65	381.43	366.98	371.35	2.36	ppb
Barium	137-1	365.49	381.49	369.15	372.04	2.25	ppb
Beryllium	9-1	1.17	1.29	1.81	1.42	24.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.54	1.86	1.37	1.59	15.65	ppb
Cadmium	106-1	0.35	0.43	0.30	0.36	17.79	ppb
Cadmium	111-1	0.44	0.42	0.51	0.46	11.00	ppb
Calcium	43-1	12606.52	12893.07	12782.86	12760.82	1.13	ppb
Calcium	44-1	12791.09	12936.78	12948.78	12892.22	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.92	112.72	112.66	113.43	1.13	ppb
Cobalt	59-2	48.81	47.29	49.08	48.39	2.00	ppb
Copper	63-2	128.48	127.21	127.83	127.84	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	94183.17	92056.83	92423.77	92887.92	1.22	ppb
Iron	57-2	96152.49	94900.80	94935.73	95329.67	0.75	ppb
Iron	54-2	92290.45	92148.79	91160.51	91866.58	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-03	Instrumnet Name :	P7
Client Sample ID :	MYD9X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:00:32	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.88	30.73	29.92	30.18	1.59	ppb
Lead	207-1	28.84	29.10	28.72	28.89	0.68	ppb
Lead	208-1	29.24	29.53	29.13	29.30	0.71	ppb
Lithium	6-1				75		%
Magnesium	24-2	17422.65	17208.72	17266.36	17299.24	0.64	ppb
Manganese	55-2	2173.34	2150.59	2151.69	2158.54	0.59	ppb
Molybdenum	94-1	26.29	27.19	26.11	26.53	2.18	ppb
Molybdenum	95-1	0.66	0.86	0.80	0.77	13.48	ppb
Molybdenum	96-1	4.03	4.12	4.41	4.19	4.66	ppb
Molybdenum	97-1	0.74	0.79	0.94	0.82	12.50	ppb
Molybdenum	98-1	0.77	0.76	0.69	0.74	5.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.98	104.19	103.77	103.98	0.20	ppb
Phosphorus	31-2	1539.00	1485.42	1557.32	1527.25	2.45	ppb
Potassium	39-2	8613.51	8490.97	8439.34	8514.61	1.05	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	82-1	1.24	1.11	1.58	1.31	18.49	ppb
Selenium	77-2	23.57	8.25	6.88	12.90	71.84	ppb
Selenium	78-2	1.95	0.29	-0.11	0.71	153.26	ppb
Silicon	28-1	2579.47	2609.19	2617.91	2602.19	0.77	ppb
Silver	107-1	0.14	0.14	0.17	0.15	13.34	ppb
Silver	109-1	0.15	0.13	0.14	0.14	7.42	ppb
Sodium	23-2	139.31	134.09	132.58	135.33	2.61	ppb
Strontium	86-1	70.36	73.91	73.78	72.68	2.77	ppb
Strontium	88-1	71.26	73.77	74.02	73.02	2.08	ppb
Sulfur	34-1	-938.24	-1020.71	-1028.04	-995.67		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.33	0.41	0.30	0.35	16.41	ppb
Thallium	205-1	0.35	0.34	0.34	0.34	2.07	ppb
Tin	118-1	2.53	2.84	2.63	2.67	5.95	ppb
Titanium	47-1	1005.75	1007.05	1006.62	1006.47	0.07	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-03	Instrumnet Name :	P7
Client Sample ID :	MYD9X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:00:32	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.20	1.17	1.20	1.19	1.11	ppb
Vanadium	51-2	165.56	166.86	168.66	167.02	0.93	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	178.08	179.35	176.93	178.12	0.68	ppb
Zirconium	90-1	15.04	15.30	15.39	15.24	1.17	ppb
Zirconium	91-1	14.40	14.82	15.05	14.75	2.24	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:07:19	DataFile Name :	111CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47459.36	46815.28	46627.34	46967.33	0.93	ppb
Antimony	121-1	462.97	468.52	472.45	467.98	1.02	ppb
Arsenic	75-2	497.47	500.94	497.55	498.66	0.40	ppb
Barium	135-1	2322.14	2369.11	2359.72	2350.32	1.06	ppb
Barium	137-1	2449.72	2508.47	2452.94	2470.38	1.34	ppb
Beryllium	9-1	535.29	541.98	548.39	541.89	1.21	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	448.04	456.70	471.37	458.70	2.57	ppb
Cadmium	106-1	454.55	456.20	451.70	454.15	0.50	ppb
Cadmium	111-1	453.89	463.38	461.69	459.65	1.10	ppb
Calcium	43-1	270625.60	272433.46	275484.86	272847.97	0.90	ppb
Calcium	44-1	258434.01	261144.82	261300.21	260293.01	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.39	520.06	519.39	520.95	0.41	ppb
Cobalt	59-2	541.11	540.27	538.02	539.80	0.30	ppb
Copper	63-2	5383.31	5398.18	5396.44	5392.64	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	56-2	138142.14	136073.17	137254.50	137156.60	0.76	ppb
Iron	57-2	137875.87	133598.16	134390.67	135288.23	1.68	ppb
Iron	54-2	137045.75	136677.48	134949.65	136224.29	0.82	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:07:19	DataFile Name :	111CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2735.61	2687.13	2702.87	2708.54	0.91	ppb
Lead	207-1	2719.67	2750.35	2733.15	2734.39	0.56	ppb
Lead	208-1	2739.68	2726.62	2744.84	2737.05	0.34	ppb
Lithium	6-1				71		%
Magnesium	24-2	233324.32	233608.01	234431.65	233787.99	0.25	ppb
Manganese	55-2	5276.79	5313.39	5253.82	5281.33	0.57	ppb
Molybdenum	94-1	5417.61	5140.37	5197.20	5251.72	2.79	ppb
Molybdenum	95-1	5260.79	5194.92	5230.20	5228.63	0.63	ppb
Molybdenum	96-1	5281.00	5242.07	5173.31	5232.12	1.04	ppb
Molybdenum	97-1	5252.50	5180.41	5158.31	5197.08	0.95	ppb
Molybdenum	98-1	5243.44	5069.08	5124.85	5145.79	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	543.94	538.70	534.03	538.89	0.92	ppb
Phosphorus	31-2	9470.09	9384.40	9449.89	9434.79	0.47	ppb
Potassium	39-2	124452.27	125110.83	123758.14	124440.41	0.54	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				80		%
Scandium	45-2				82		%
Selenium	82-1	479.77	481.82	477.54	479.71	0.45	ppb
Selenium	77-2	504.83	455.19	553.94	504.65	9.78	ppb
Selenium	78-2	470.32	486.88	493.14	483.45	2.44	ppb
Silicon	28-1	512.84	516.34	520.70	516.62	0.76	ppb
Silver	107-1	442.38	447.91	447.54	445.94	0.69	ppb
Silver	109-1	445.64	449.70	451.03	448.79	0.63	ppb
Sodium	23-2	238832.31	238629.10	240446.31	239302.57	0.42	ppb
Strontium	86-1	12990.80	12539.75	12982.46	12837.67	2.01	ppb
Strontium	88-1	13034.22	12716.96	12971.36	12907.51	1.30	ppb
Sulfur	34-1	11181.64	10953.56	11214.54	11116.58	1.28	ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	497.59	495.97	502.19	498.59	0.65	ppb
Thallium	205-1	549.54	540.13	543.63	544.43	0.87	ppb
Tin	118-1	465.67	474.64	470.85	470.39	0.96	ppb
Titanium	47-1	5193.76	5201.01	5237.24	5210.67	0.45	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:07:19	DataFile Name :	111CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	554.48	557.25	562.23	557.99	0.70	ppb
Vanadium	51-2	525.27	524.36	521.34	523.66	0.39	ppb
Yttrium	89-1				89		%
Yttrium	89-2				84		%
Zinc	66-2	5308.93	5260.06	5251.48	5273.49	0.59	ppb
Zirconium	90-1	521.14	508.39	513.67	514.40	1.25	ppb
Zirconium	91-1	510.90	502.36	506.12	506.46	0.85	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:14:27	DataFile Name :	113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.86	4.26	4.84	4.65	7.29	ppb
Antimony	121-1	0.43	0.40	0.45	0.43	6.55	ppb
Arsenic	75-2	0.09	0.05	0.14	0.09	50.31	ppb
Barium	135-1	0.49	0.41	0.38	0.43	12.85	ppb
Barium	137-1	0.56	0.41	0.37	0.45	21.37	ppb
Beryllium	9-1	0.28	0.28	0.23	0.26	9.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Cadmium	106-1	-1.03	-0.36	-0.26	-0.55		ppb
Cadmium	111-1	0.07	0.05	0.02	0.05	60.82	ppb
Calcium	43-1	47.19	30.96	35.75	37.97	21.96	ppb
Calcium	44-1	59.84	45.82	43.46	49.71	17.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.11	0.15	0.12	22.17	ppb
Cobalt	59-2	0.08	0.14	0.13	0.11	24.61	ppb
Copper	63-2	1.32	1.26	1.18	1.25	5.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	32.29	34.19	34.08	33.52	3.18	ppb
Iron	57-2	28.73	25.19	33.57	29.16	14.42	ppb
Iron	54-2	34.82	32.61	36.07	34.50	5.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:14:27	DataFile Name :	113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.73	0.57	0.59	0.63	14.19	ppb
Lead	207-1	0.66	0.51	0.51	0.56	15.50	ppb
Lead	208-1	0.70	0.54	0.53	0.59	16.04	ppb
Lithium	6-1				87		%
Magnesium	24-2	48.94	50.63	55.61	51.73	6.70	ppb
Manganese	55-2	1.33	1.03	1.14	1.17	13.18	ppb
Molybdenum	94-1	1.22	0.99	1.15	1.12	10.54	ppb
Molybdenum	95-1	1.26	0.91	0.96	1.05	18.05	ppb
Molybdenum	96-1	1.16	1.14	1.01	1.10	7.56	ppb
Molybdenum	97-1	1.10	1.04	0.89	1.01	10.86	ppb
Molybdenum	98-1	1.13	0.95	0.98	1.02	9.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.04	0.10	0.09	45.44	ppb
Phosphorus	31-2	-20.55	-22.36	-10.42	-17.78		ppb
Potassium	39-2	45.00	39.98	46.81	43.93	8.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	0.67	0.88	0.72	0.75	14.28	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-3.51	-1.78	-3.04	-2.78		ppb
Silicon	28-1	0.66	1.12	1.23	1.01	30.17	ppb
Silver	107-1	0.19	0.13	0.13	0.15	23.69	ppb
Silver	109-1	0.19	0.15	0.13	0.16	21.51	ppb
Sodium	23-2	86.37	87.48	81.89	85.24	3.47	ppb
Strontium	86-1	2.72	2.29	2.24	2.42	10.98	ppb
Strontium	88-1	2.89	2.15	2.11	2.38	18.58	ppb
Sulfur	34-1	1019.76	818.92	740.91	859.86	16.73	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.23	0.19	0.14	0.19	22.72	ppb
Thallium	205-1	0.20	0.18	0.16	0.18	11.51	ppb
Tin	118-1	0.07	0.10	0.12	0.10	25.68	ppb
Titanium	47-1	1.32	0.76	0.93	1.00	28.74	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:14:27	DataFile Name :	113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.08	0.07	0.08	16.31	ppb
Vanadium	51-2	0.14	0.10	0.03	0.09	59.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.54	1.06	0.90	0.83	31.68	ppb
Zirconium	90-1	0.16	0.16	0.16	0.16	1.50	ppb
Zirconium	91-1	0.19	0.16	0.19	0.18	9.88	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P2828-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:58:19	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35992.43	37066.21	36069.20	36375.95	1.65	ppb
Antimony	121-1	0.45	0.48	0.45	0.46	4.26	ppb
Arsenic	75-2	50.78	50.29	54.23	51.77	4.15	ppb
Barium	135-1	355.80	363.08	352.95	357.27	1.46	ppb
Barium	137-1	357.32	361.74	351.04	356.70	1.51	ppb
Beryllium	9-1	1.38	1.34	1.55	1.42	7.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	2.85	1.72	2.01	36.98	ppb
Cadmium	106-1	3.04	1.64	2.00	2.22	32.62	ppb
Cadmium	111-1	1.75	1.49	1.49	1.58	9.55	ppb
Calcium	43-1	19091.87	19479.85	19312.10	19294.60	1.01	ppb
Calcium	44-1	18395.72	18742.98	18236.01	18458.24	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.92	59.63	58.87	58.81	1.45	ppb
Cobalt	59-2	35.35	35.44	35.94	35.58	0.89	ppb
Copper	63-2	141.61	145.63	144.06	143.76	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	68276.82	69702.62	69207.93	69062.46	1.05	ppb
Iron	57-2	69776.40	71480.19	71374.22	70876.94	1.35	ppb
Iron	54-2	66790.14	69174.58	70153.27	68706.00	2.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P2828-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:58:19	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	407.46	411.89	414.18	411.17	0.83	ppb
Lead	207-1	406.75	411.45	413.07	410.42	0.80	ppb
Lead	208-1	436.24	437.12	440.21	437.86	0.48	ppb
Lithium	6-1				87		%
Magnesium	24-2	17515.15	17906.82	17881.92	17767.96	1.23	ppb
Manganese	55-2	1588.34	1624.30	1622.09	1611.58	1.25	ppb
Molybdenum	94-1	13.10	13.19	13.42	13.24	1.23	ppb
Molybdenum	95-1	0.88	0.77	0.74	0.80	9.28	ppb
Molybdenum	96-1	2.46	2.66	2.56	2.56	4.04	ppb
Molybdenum	97-1	0.67	0.78	0.78	0.74	8.30	ppb
Molybdenum	98-1	0.78	0.74	0.74	0.75	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.78	55.45	52.67	53.96	2.59	ppb
Phosphorus	31-2	2567.37	2523.42	2465.54	2518.77	2.03	ppb
Potassium	39-2	8076.31	8218.77	8234.24	8176.44	1.06	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	2.00	1.91	1.99	1.97	2.51	ppb
Selenium	77-2	13.81	7.69	11.52	11.00	28.08	ppb
Selenium	78-2	-1.42	-0.93	0.16	-0.73		ppb
Silicon	28-1	3737.00	3714.26	3673.39	3708.22	0.87	ppb
Silver	107-1	0.77	0.77	0.77	0.77	0.13	ppb
Silver	109-1	0.81	0.82	0.83	0.82	1.37	ppb
Sodium	23-2	397.77	413.76	419.79	410.44	2.77	ppb
Strontium	86-1	104.55	104.48	107.89	105.64	1.85	ppb
Strontium	88-1	104.97	106.25	108.40	106.54	1.63	ppb
Sulfur	34-1	1181.03	955.88	796.08	977.66	19.78	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.34	0.35	0.36	0.35	3.50	ppb
Thallium	205-1	0.35	0.31	0.34	0.33	5.59	ppb
Tin	118-1	2.32	2.29	2.21	2.27	2.70	ppb
Titanium	47-1	490.30	492.63	493.80	492.24	0.36	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P2828-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:58:19	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.95	0.96	0.95	0.99	ppb
Vanadium	51-2	106.37	108.68	108.37	107.80	1.17	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	408.99	420.21	422.59	417.26	1.74	ppb
Zirconium	90-1	7.08	7.41	7.50	7.33	3.00	ppb
Zirconium	91-1	6.57	7.22	7.09	6.96	4.92	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:10:58	DataFile Name :	116CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47601.10	48013.39	48246.80	47953.76	0.68	ppb
Antimony	121-1	463.33	482.72	470.48	472.18	2.08	ppb
Arsenic	75-2	500.99	485.63	483.19	489.94	1.97	ppb
Barium	135-1	2337.64	2422.78	2353.14	2371.19	1.91	ppb
Barium	137-1	2486.61	2570.13	2482.14	2512.96	1.97	ppb
Beryllium	9-1	531.49	537.81	546.84	538.71	1.43	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	456.02	479.83	456.72	464.19	2.92	ppb
Cadmium	106-1	465.28	470.33	463.72	466.44	0.74	ppb
Cadmium	111-1	460.49	472.86	457.96	463.77	1.72	ppb
Calcium	43-1	269746.86	271906.23	270884.48	270845.86	0.40	ppb
Calcium	44-1	260094.59	260997.67	257213.70	259435.32	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.91	510.17	509.49	509.19	0.23	ppb
Cobalt	59-2	529.31	532.23	527.94	529.82	0.41	ppb
Copper	63-2	5352.92	5385.09	5364.64	5367.55	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	134404.74	133285.96	133900.92	133863.87	0.42	ppb
Iron	57-2	134258.62	132396.79	133127.47	133260.96	0.70	ppb
Iron	54-2	133709.22	135162.10	133187.51	134019.61	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:10:58	DataFile Name :	116CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2629.35	2670.31	2702.88	2667.51	1.38	ppb
Lead	207-1	2687.47	2690.35	2724.38	2700.74	0.76	ppb
Lead	208-1	2657.72	2689.45	2691.99	2679.72	0.71	ppb
Lithium	6-1				82		%
Magnesium	24-2	238176.26	235063.07	237092.50	236777.28	0.67	ppb
Manganese	55-2	5096.09	5236.27	5210.77	5181.04	1.44	ppb
Molybdenum	94-1	5150.73	5115.51	5106.86	5124.37	0.45	ppb
Molybdenum	95-1	5142.61	5116.66	5075.44	5111.57	0.66	ppb
Molybdenum	96-1	5128.91	5060.79	5094.57	5094.76	0.67	ppb
Molybdenum	97-1	5031.93	5111.93	5111.23	5085.03	0.90	ppb
Molybdenum	98-1	5078.88	5067.49	5014.57	5053.65	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.30	530.18	523.44	525.31	0.81	ppb
Phosphorus	31-2	9449.47	9764.61	9220.26	9478.12	2.88	ppb
Potassium	39-2	127279.85	125213.65	125215.43	125902.98	0.95	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	486.92	489.75	468.82	481.83	2.36	ppb
Selenium	77-2	523.33	470.53	526.87	506.91	6.23	ppb
Selenium	78-2	482.71	478.23	485.14	482.03	0.73	ppb
Silicon	28-1	586.90	590.46	590.55	589.30	0.35	ppb
Silver	107-1	452.88	467.27	449.69	456.61	2.05	ppb
Silver	109-1	453.79	467.91	453.09	458.26	1.82	ppb
Sodium	23-2	248160.86	248388.92	248131.95	248227.24	0.06	ppb
Strontium	86-1	12563.11	12512.56	12654.47	12576.72	0.57	ppb
Strontium	88-1	12634.59	12794.48	12681.09	12703.38	0.65	ppb
Sulfur	34-1	10977.58	10838.89	10801.59	10872.69	0.85	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	492.59	493.05	489.84	491.83	0.35	ppb
Thallium	205-1	526.29	540.79	541.09	536.05	1.58	ppb
Tin	118-1	475.18	493.11	473.71	480.67	2.25	ppb
Titanium	47-1	5109.56	5113.78	5113.96	5112.43	0.05	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:10:58	DataFile Name :	116CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	544.52	557.90	557.33	553.25	1.37	ppb
Vanadium	51-2	516.05	514.62	509.36	513.34	0.69	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	5125.55	5177.22	5143.71	5148.82	0.51	ppb
Zirconium	90-1	512.84	507.03	503.83	507.90	0.90	ppb
Zirconium	91-1	500.82	499.83	499.12	499.92	0.17	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:31:51	DataFile Name :	117CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.49	-2.46	-2.69	-2.55		ppb
Antimony	121-1	0.03	0.07	0.06	0.05	34.69	ppb
Arsenic	75-2	0.09	0.14	0.00	0.08	91.85	ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	-0.04	-0.02	-0.07	-0.04		ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	-0.06	-0.06	0.00		ppb
Cadmium	106-1	-1.11	-1.31	-1.10	-1.17		ppb
Cadmium	111-1	-0.09	-0.06	-0.08	-0.08		ppb
Calcium	43-1	-5.80	-15.43	-4.68	-8.63		ppb
Calcium	44-1	-2.37	0.09	-0.89	-1.06		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	-0.01	0.00		ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	-0.29	-0.31	-0.25	-0.29		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	2.66	3.12	3.38	3.05	11.80	ppb
Iron	57-2	-2.72	2.39	0.65	0.11	2427.57	ppb
Iron	54-2	4.88	1.97	5.36	4.07	45.02	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:31:51	DataFile Name :	117CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.04	0.02	0.03	34.75	ppb
Lead	207-1	0.04	0.01	0.01	0.02	85.52	ppb
Lead	208-1	0.03	0.03	0.03	0.03	3.43	ppb
Lithium	6-1				88		%
Magnesium	24-2	0.40	0.73	0.06	0.40	84.07	ppb
Manganese	55-2	0.01	0.12	0.04	0.05	105.36	ppb
Molybdenum	94-1	0.07	0.09	0.13	0.10	32.70	ppb
Molybdenum	95-1	0.04	0.06	0.05	0.05	17.13	ppb
Molybdenum	96-1	0.04	0.02	0.07	0.04	53.69	ppb
Molybdenum	97-1	0.05	0.04	0.06	0.05	11.77	ppb
Molybdenum	98-1	0.02	0.04	0.05	0.04	38.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.11	-0.10	-0.11		ppb
Phosphorus	31-2	-16.10	-18.60	-20.12	-18.27		ppb
Potassium	39-2	12.39	0.09	8.97	7.15	88.83	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.68	0.48	0.10	0.42	69.87	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.57	-2.53	-1.30	-2.13		ppb
Silicon	28-1	0.37	0.09	1.27	0.58	106.01	ppb
Silver	107-1	0.01	0.01	0.00	0.01	50.74	ppb
Silver	109-1	0.01	0.01	0.00	0.01	42.89	ppb
Sodium	23-2	13.11	12.73	14.86	13.57	8.37	ppb
Strontium	86-1	0.04	0.02	0.04	0.03	37.32	ppb
Strontium	88-1	0.05	0.04	0.07	0.05	25.06	ppb
Sulfur	34-1	729.74	839.51	735.17	768.14	8.05	ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.00	0.00	0.01	37.35	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	92.96	ppb
Tin	118-1	-0.09	-0.07	-0.07	-0.08		ppb
Titanium	47-1	-0.05	-0.07	0.00	-0.04		ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:31:51	DataFile Name :	117CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	10.27	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	319.68	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	-0.52	-0.39	-0.04	-0.32		ppb
Zirconium	90-1	0.02	0.04	0.06	0.04	44.52	ppb
Zirconium	91-1	0.05	0.01	0.04	0.03	59.61	ppb

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:36:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	207	173	180	13.35	cps
Antimony	121-1	20	20	20	20	0.00	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	23	10	30	21	48.24	cps
Barium	137-1	17	30	20	22	31.22	cps
Beryllium	9-1	33	17	47	32	46.65	cps
Bismuth	209-1	1329388	1329842	1324573	1327934	0.22	cps
Bismuth	209-2	1021796	1033476	1041361	1032211	0.95	cps
Bromine	81-1	3490	3637	3701	3609	2.99	cps
Bromine	81-2	13	17	17	16	12.40	cps
Cadmium	108-1	3	3	0	2	86.60	cps
Cadmium	106-1	630	657	650	646	2.15	cps
Cadmium	111-1	442	461	458	454	2.24	cps
Calcium	43-1	147	113	90	117	24.41	cps
Calcium	44-1	820	707	773	767	7.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77	83	60	73	16.39	cps
Cobalt	59-2	13	23	10	16	44.60	cps
Copper	63-2	497	483	550	510	6.92	cps
Dysprosium	156-1	10	10	23	14	53.28	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	23	7	10	13	66.12	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	3	13	3	7	86.65	cps
Gadolinium	160-2	60	63	83	69	18.32	cps
Holmium	165-1	2124178	2122885	2066468	2104510	1.57	cps
Holmium	165-2	1365945	1353565	1361776	1360429	0.46	cps
Indium	115-1	1464546	1457781	1447674	1456667	0.58	cps
Indium	115-2	483118	481408	485225	483251	0.40	cps
Iron	56-2	2764	2934	3044	2914	4.84	cps
Iron	57-2	267	250	263	260	3.39	cps
Iron	54-2	387	377	380	381	1.34	cps
Krypton	83-1	30	43	50	41	24.77	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:36:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67	93	103	88	21.59	cps
Lead	207-1	93	100	103	99	5.15	cps
Lead	208-1	383	393	360	379	4.51	cps
Lithium	6-1	226982	225048	224418	225482	0.59	cps
Magnesium	24-2	583	613	697	631	9.30	cps
Manganese	55-2	110	73	47	77	41.47	cps
Molybdenum	94-1	30	30	37	32	11.95	cps
Molybdenum	95-1	10	20	3	11	75.52	cps
Molybdenum	96-1	20	27	23	23	14.29	cps
Molybdenum	97-1	7	7	7	7	0.00	cps
Molybdenum	98-1	27	17	10	18	47.19	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	73	90	87	13.87	cps
Phosphorus	31-2	33	27	33	31	12.36	cps
Potassium	39-2	14824	14977	14424	14742	1.94	cps
Rhodium	103-1	1232623	1219054	1216979	1222885	0.69	cps
Rhodium	103-2	677099	678720	680237	678686	0.23	cps
Scandium	45-1	620990	618351	617041	618794	0.33	cps
Scandium	45-2	53735	53795	54140	53890	0.41	cps
Selenium	82-1	23	9	-8	8	197.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	40	47	58	43.68	cps
Silicon	28-1	59789	60037	59980	59935	0.22	cps
Silver	107-1	13	23	17	18	28.64	cps
Silver	109-1	10	0	0	3	173.21	cps
Sodium	23-2	1763	1870	1837	1823	2.99	cps
Strontium	86-1	73	83	70	76	9.18	cps
Strontium	88-1	143	150	137	143	4.65	cps
Sulfur	34-1	39120	38154	37837	38370	1.74	cps
Terbium	159-1	2136935	2179634	2153089	2156552	1.00	cps
Terbium	159-2	1328569	1337134	1340930	1335544	0.47	cps
Thallium	203-1	50	43	33	42	19.87	cps
Thallium	205-1	120	120	140	127	9.12	cps
Tin	118-1	423	397	407	409	3.29	cps
Titanium	47-1	33	27	27	29	13.31	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:36:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	10	20	13	43.30	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Yttrium	89-1	2152093	2134242	2110673	2132336	0.97	cps
Yttrium	89-2	562075	558019	563782	561292	0.53	cps
Zinc	66-2	57	80	73	70	17.17	cps
Zirconium	90-1	53	60	63	59	8.65	cps
Zirconium	91-1	10	10	10	10	0.00	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:40:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833	900	947	893	6.38	cps
Antimony	121-1	4224	3947	4197	4123	3.70	cps
Arsenic	75-2	130	70	70	90	38.49	cps
Barium	135-1	5384	5178	5428	5330	2.51	cps
Barium	137-1	9840	9727	9253	9607	3.24	cps
Beryllium	9-1	323	287	303	304	6.03	cps
Bismuth	209-1	1337251	1332498	1335738	1335162	0.18	cps
Bismuth	209-2	1016060	1005866	1001813	1007913	0.73	cps
Bromine	81-1	3637	3637	3687	3654	0.79	cps
Bromine	81-2	20	23	13	19	26.96	cps
Cadmium	108-1	33	33	17	28	34.63	cps
Cadmium	106-1	713	687	730	710	3.08	cps
Cadmium	111-1	923	997	973	964	3.95	cps
Calcium	43-1	2280	2314	2300	2298	0.73	cps
Calcium	44-1	34994	35345	35298	35212	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1237	1270	1153	1220	4.93	cps
Cobalt	59-2	927	1037	943	969	6.12	cps
Copper	63-2	1800	1793	1713	1769	2.73	cps
Dysprosium	156-1	10	13	23	16	44.60	cps
Dysprosium	156-2	0	13	13	9	86.60	cps
Erbium	164-1	20	0	3	8	137.80	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	0	3	0	1	173.21	cps
Gadolinium	160-2	97	57	87	80	26.02	cps
Holmium	165-1	2117080	2111207	2116738	2115008	0.16	cps
Holmium	165-2	1337456	1327300	1317777	1327511	0.74	cps
Indium	115-1	1463624	1473458	1462645	1466576	0.41	cps
Indium	115-2	477587	469937	471110	472878	0.87	cps
Iron	56-2	31179	30731	30718	30876	0.85	cps
Iron	57-2	1043	1070	920	1011	7.91	cps
Iron	54-2	1933	1957	1777	1889	5.18	cps
Krypton	83-1	27	53	33	38	36.73	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:40:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1840	1800	1837	1826	1.22	cps
Lead	207-1	1683	1713	1753	1717	2.05	cps
Lead	208-1	7714	7704	7831	7750	0.91	cps
Lithium	6-1	227608	228429	229578	228538	0.43	cps
Magnesium	24-2	29862	29802	29869	29845	0.12	cps
Manganese	55-2	560	530	533	541	3.04	cps
Molybdenum	94-1	3497	3664	3407	3523	3.70	cps
Molybdenum	95-1	4374	4427	4394	4398	0.61	cps
Molybdenum	96-1	4968	5164	5171	5101	2.27	cps
Molybdenum	97-1	2877	2757	2850	2828	2.23	cps
Molybdenum	98-1	7118	7472	7222	7271	2.50	cps
Neodymium	150-1	3	0	0	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	253	320	294	12.21	cps
Phosphorus	31-2	90	127	100	106	17.96	cps
Potassium	39-2	51507	51199	50717	51141	0.78	cps
Rhodium	103-1	1234994	1229615	1229488	1231366	0.26	cps
Rhodium	103-2	667602	661213	663163	663993	0.49	cps
Scandium	45-1	618460	622318	626468	622415	0.64	cps
Scandium	45-2	53297	52765	52149	52737	1.09	cps
Selenium	82-1	166	124	120	137	18.82	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	113	93	93	100	11.55	cps
Silicon	28-1	65934	64056	64281	64757	1.58	cps
Silver	107-1	2280	2437	2317	2345	3.50	cps
Silver	109-1	2120	2204	2314	2212	4.38	cps
Sodium	23-2	47309	46988	46777	47025	0.57	cps
Strontium	86-1	537	690	667	631	13.09	cps
Strontium	88-1	4948	5294	5234	5159	3.59	cps
Sulfur	34-1	39301	38301	39123	38908	1.37	cps
Terbium	159-1	2188269	2181311	2165294	2178291	0.54	cps
Terbium	159-2	1319881	1309026	1299906	1309604	0.76	cps
Thallium	203-1	2327	2240	2380	2316	3.05	cps
Thallium	205-1	5384	5491	5488	5454	1.11	cps
Tin	118-1	9373	9046	9090	9170	1.94	cps
Titanium	47-1	983	1120	1047	1050	6.51	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:40:09	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7829	7636	7852	7772	1.53	cps
Vanadium	51-2	2617	2760	2650	2676	2.80	cps
Yttrium	89-1	2150315	2160879	2152646	2154614	0.26	cps
Yttrium	89-2	553419	548662	547246	549776	0.59	cps
Zinc	66-2	720	610	653	661	8.38	cps
Zirconium	90-1	3137	3197	3130	3155	1.16	cps
Zirconium	91-1	613	660	660	644	4.18	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:43:41	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36764	36724	36864	36784	0.20	cps
Antimony	121-1	99968	101361	101750	101026	0.93	cps
Arsenic	75-2	4307	3804	4077	4063	6.20	cps
Barium	135-1	138597	139148	138341	138695	0.30	cps
Barium	137-1	242459	241775	241456	241897	0.21	cps
Beryllium	9-1	14043	13886	13393	13774	2.46	cps
Bismuth	209-1	1299030	1283944	1291125	1291366	0.58	cps
Bismuth	209-2	1015240	1009173	1017390	1013934	0.42	cps
Bromine	81-1	3637	3737	3554	3643	2.52	cps
Bromine	81-2	30	10	13	18	60.28	cps
Cadmium	108-1	1897	1750	1833	1827	4.03	cps
Cadmium	106-1	3050	3380	3120	3184	5.46	cps
Cadmium	111-1	25762	26009	25124	25632	1.78	cps
Calcium	43-1	22463	22200	21832	22165	1.43	cps
Calcium	44-1	356940	356149	357067	356718	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29706	29696	28594	29332	2.18	cps
Cobalt	59-2	45987	45004	44977	45323	1.27	cps
Copper	63-2	325162	324983	322568	324238	0.45	cps
Dysprosium	156-1	17	27	20	21	24.12	cps
Dysprosium	156-2	10	20	10	13	43.30	cps
Erbium	164-1	10	10	7	9	21.63	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	0	10	17	9	94.38	cps
Gadolinium	160-2	100	80	83	88	12.21	cps
Holmium	165-1	2067700	2053634	2027434	2049589	1.00	cps
Holmium	165-2	1335980	1318058	1339900	1331312	0.87	cps
Indium	115-1	1415646	1411568	1398132	1408449	0.65	cps
Indium	115-2	471173	466723	469815	469237	0.49	cps
Iron	56-2	1416404	1414470	1416151	1415675	0.07	cps
Iron	57-2	35879	36033	35879	35931	0.25	cps
Iron	54-2	80111	79126	79830	79689	0.64	cps
Krypton	83-1	30	20	17	22	31.22	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:43:41	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	451758	455745	460113	455872	0.92	cps
Lead	207-1	408052	405735	406213	406667	0.30	cps
Lead	208-1	1842761	1848118	1854702	1848527	0.32	cps
Lithium	6-1	224962	223529	223353	223948	0.39	cps
Magnesium	24-2	283176	281687	280138	281667	0.54	cps
Manganese	55-2	242794	242523	242212	242510	0.12	cps
Molybdenum	94-1	334115	332730	330007	332284	0.63	cps
Molybdenum	95-1	487533	490859	487626	488673	0.39	cps
Molybdenum	96-1	533358	535529	533689	534192	0.22	cps
Molybdenum	97-1	310147	309709	309070	309642	0.18	cps
Molybdenum	98-1	799824	800309	801917	800683	0.14	cps
Neodymium	150-1	17	10	3	10	66.70	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	11204	11515	11171	11297	1.68	cps
Phosphorus	31-2	1953	1800	1690	1815	7.29	cps
Potassium	39-2	203955	203200	203808	203654	0.20	cps
Rhodium	103-1	1192155	1176290	1167041	1178495	1.08	cps
Rhodium	103-2	658884	651475	661467	657275	0.79	cps
Scandium	45-1	609559	597252	602865	603225	1.02	cps
Scandium	45-2	52965	52306	52969	52747	0.72	cps
Selenium	82-1	1300	1286	1348	1311	2.45	cps
Selenium	77-2	103	127	140	123	15.05	cps
Selenium	78-2	487	457	480	474	3.32	cps
Silicon	28-1	155084	155290	156175	155516	0.37	cps
Silver	107-1	119355	120955	120370	120227	0.67	cps
Silver	109-1	115243	114564	114844	114884	0.30	cps
Sodium	23-2	469378	467740	466193	467771	0.34	cps
Strontium	86-1	694496	697729	692098	694774	0.41	cps
Strontium	88-1	6101755	6090382	6214869	6135669	1.12	cps
Sulfur	34-1	43602	42553	43064	43073	1.22	cps
Terbium	159-1	2131220	2087563	2141779	2120187	1.36	cps
Terbium	159-2	1314090	1293354	1316351	1307932	0.97	cps
Thallium	203-1	113253	113001	113831	113362	0.38	cps
Thallium	205-1	269410	269727	271603	270247	0.44	cps
Tin	118-1	88248	88667	86108	87675	1.57	cps
Titanium	47-1	106092	106964	106317	106457	0.43	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:43:41	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	389432	388660	389316	389136	0.11	cps
Vanadium	51-2	26296	26189	25862	26116	0.87	cps
Yttrium	89-1	2091693	2087858	2068428	2082660	0.60	cps
Yttrium	89-2	548383	542079	547095	545852	0.61	cps
Zinc	66-2	55248	55753	55830	55611	0.57	cps
Zirconium	90-1	148906	149128	147815	148616	0.47	cps
Zirconium	91-1	33051	33572	32566	33063	1.52	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:47:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90082	92691	90649	91141	1.51	cps
Antimony	121-1	249913	250034	250632	250193	0.15	cps
Arsenic	75-2	9747	9927	10057	9910	1.57	cps
Barium	135-1	340806	337516	335824	338049	0.75	cps
Barium	137-1	594680	591924	593046	593217	0.23	cps
Beryllium	9-1	33219	33075	34705	33666	2.68	cps
Bismuth	209-1	1264662	1261521	1256487	1260890	0.33	cps
Bismuth	209-2	985427	1020718	1005492	1003879	1.76	cps
Bromine	81-1	3807	3484	3427	3573	5.74	cps
Bromine	81-2	7	23	13	14	58.06	cps
Cadmium	108-1	4364	4367	4591	4441	2.93	cps
Cadmium	106-1	6905	6875	7115	6965	1.88	cps
Cadmium	111-1	62231	62485	62393	62370	0.21	cps
Calcium	43-1	54384	54942	53862	54396	0.99	cps
Calcium	44-1	864111	864141	864782	864345	0.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71539	73203	73963	72902	1.70	cps
Cobalt	59-2	110748	112797	113253	112266	1.19	cps
Copper	63-2	788079	807028	802602	799236	1.24	cps
Dysprosium	156-1	7	37	30	24	64.43	cps
Dysprosium	156-2	30	20	23	24	20.83	cps
Erbium	164-1	7	23	20	17	52.90	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	3	0	3	2	86.60	cps
Gadolinium	160-2	103	83	70	86	19.61	cps
Holmium	165-1	2029252	2014987	2038956	2027732	0.59	cps
Holmium	165-2	1310842	1349707	1332728	1331093	1.46	cps
Indium	115-1	1384557	1377485	1374707	1378917	0.37	cps
Indium	115-2	457879	475341	465868	466363	1.87	cps
Iron	56-2	3281921	3262186	3288438	3277515	0.42	cps
Iron	57-2	87767	89428	90363	89186	1.47	cps
Iron	54-2	192760	196048	196818	195209	1.10	cps
Krypton	83-1	30	37	33	33	10.01	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:47:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1110105	1118583	1126031	1118240	0.71	cps
Lead	207-1	984756	988862	1002907	992175	0.96	cps
Lead	208-1	4706216	4713264	4788525	4736002	0.96	cps
Lithium	6-1	220902	222251	220079	221077	0.50	cps
Magnesium	24-2	690012	698354	696156	694841	0.62	cps
Manganese	55-2	591726	603509	600738	598658	1.03	cps
Molybdenum	94-1	815564	819682	810620	815289	0.56	cps
Molybdenum	95-1	1196968	1191975	1196751	1195231	0.24	cps
Molybdenum	96-1	1300152	1309100	1311948	1307067	0.47	cps
Molybdenum	97-1	757084	758020	760790	758631	0.25	cps
Molybdenum	98-1	1944516	1939920	1920858	1935098	0.65	cps
Neodymium	150-1	53	47	30	43	27.73	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	27322	28948	27996	28089	2.91	cps
Phosphorus	31-2	4421	4604	4531	4518	2.04	cps
Potassium	39-2	477968	490436	488401	485602	1.38	cps
Rhodium	103-1	1152634	1157448	1143051	1151044	0.64	cps
Rhodium	103-2	641263	663515	649928	651569	1.72	cps
Scandium	45-1	593258	590628	585453	589780	0.67	cps
Scandium	45-2	51417	53875	52226	52506	2.39	cps
Selenium	82-1	3106	3122	3201	3143	1.61	cps
Selenium	77-2	380	330	303	338	11.52	cps
Selenium	78-2	1120	1177	1067	1121	4.91	cps
Silicon	28-1	292221	294837	294170	293743	0.46	cps
Silver	107-1	294034	293903	289791	292576	0.82	cps
Silver	109-1	281477	282000	280862	281447	0.20	cps
Sodium	23-2	1083503	1088468	1113861	1095277	1.49	cps
Strontium	86-1	1684381	1664933	1679782	1676366	0.61	cps
Strontium	88-1	14928911	14960649	14905460	14931673	0.19	cps
Sulfur	34-1	49122	49537	49523	49394	0.48	cps
Terbium	159-1	2090334	2121982	2070172	2094163	1.25	cps
Terbium	159-2	1293376	1338550	1316194	1316040	1.72	cps
Thallium	203-1	275833	277073	281916	278274	1.16	cps
Thallium	205-1	660584	665891	672868	666448	0.92	cps
Tin	118-1	214242	213705	213126	213691	0.26	cps
Titanium	47-1	260401	260088	257645	259378	0.58	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 16:47:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	962371	960658	958577	960535	0.20	cps
Vanadium	51-2	64885	66164	67282	66110	1.81	cps
Yttrium	89-1	2000793	2018324	1996539	2005219	0.58	cps
Yttrium	89-2	532816	550701	540413	541310	1.66	cps
Zinc	66-2	134361	138902	138824	137362	1.89	cps
Zirconium	90-1	360502	361238	360235	360658	0.14	cps
Zirconium	91-1	80961	80908	81897	81255	0.68	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:19:09	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168479	167000	166899	167459	0.53	cps
Antimony	121-1	444421	445873	440521	443605	0.62	cps
Arsenic	75-2	17470	16963	16900	17111	1.83	cps
Barium	135-1	599116	604748	597833	600566	0.61	cps
Barium	137-1	1048150	1055639	1047163	1050317	0.44	cps
Beryllium	9-1	63432	63813	63686	63644	0.31	cps
Bismuth	209-1	1213391	1197563	1200739	1203897	0.70	cps
Bismuth	209-2	931792	951890	953118	945600	1.27	cps
Bromine	81-1	3334	2974	3324	3210	6.39	cps
Bromine	81-2	23	10	17	17	39.99	cps
Cadmium	108-1	7992	8132	8149	8091	1.06	cps
Cadmium	106-1	11721	11571	11475	11589	1.07	cps
Cadmium	111-1	109206	109647	109702	109518	0.25	cps
Calcium	43-1	99970	101661	100480	100703	0.86	cps
Calcium	44-1	1473555	1464565	1467543	1468554	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129869	129305	128723	129299	0.44	cps
Cobalt	59-2	198832	199280	197191	198435	0.55	cps
Copper	63-2	1408033	1400007	1398214	1402085	0.37	cps
Dysprosium	156-1	17	40	13	23	62.27	cps
Dysprosium	156-2	57	40	23	40	41.68	cps
Erbium	164-1	7	7	33	16	98.94	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	3	0	7	3	100.05	cps
Gadolinium	160-2	80	103	70	84	20.25	cps
Holmium	165-1	1957843	1913602	1940496	1937314	1.15	cps
Holmium	165-2	1259968	1280962	1247016	1262649	1.36	cps
Indium	115-1	1318313	1302213	1296648	1305725	0.86	cps
Indium	115-2	435346	437781	433600	435576	0.48	cps
Iron	56-2	5815588	5833130	5769065	5805928	0.57	cps
Iron	57-2	158182	156428	156240	156950	0.68	cps
Iron	54-2	349404	347529	345460	347465	0.57	cps
Krypton	83-1	40	40	20	33	34.64	cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:19:09	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2187455	2166135	2220870	2191487	1.26	cps
Lead	207-1	1947774	1977708	1933383	1952955	1.16	cps
Lead	208-1	8838428	8867076	8715825	8807110	0.91	cps
Lithium	6-1	233655	232083	231230	232323	0.53	cps
Magnesium	24-2	1224418	1211605	1216322	1217448	0.53	cps
Manganese	55-2	1063355	1074120	1075811	1071095	0.63	cps
Molybdenum	94-1	1460002	1447110	1451808	1452973	0.45	cps
Molybdenum	95-1	2124035	2167725	2100657	2130806	1.60	cps
Molybdenum	96-1	2327599	2365314	2298829	2330581	1.43	cps
Molybdenum	97-1	1363084	1364082	1356128	1361098	0.32	cps
Molybdenum	98-1	3442956	3455626	3476152	3458245	0.48	cps
Neodymium	150-1	50	67	60	59	14.25	cps
Neodymium	150-2	17	17	10	14	26.66	cps
Nickel	60-2	49083	48107	49578	48923	1.53	cps
Phosphorus	31-2	8279	8042	8086	8136	1.55	cps
Potassium	39-2	866118	863335	866520	865324	0.20	cps
Rhodium	103-1	1094344	1083687	1079144	1085725	0.72	cps
Rhodium	103-2	603855	610021	600651	604843	0.79	cps
Scandium	45-1	584183	576435	572868	577828	1.00	cps
Scandium	45-2	49628	50731	50066	50142	1.11	cps
Selenium	82-1	5446	5668	5606	5574	2.06	cps
Selenium	77-2	597	670	567	611	8.70	cps
Selenium	78-2	1930	1907	1870	1902	1.59	cps
Silicon	28-1	414560	410809	411135	412168	0.50	cps
Silver	107-1	515484	514959	512682	514375	0.29	cps
Silver	109-1	497093	496440	490941	494825	0.68	cps
Sodium	23-2	2042415	2022550	2014796	2026587	0.70	cps
Strontium	86-1	3056623	3100909	3037734	3065089	1.06	cps
Strontium	88-1	27196705	26895660	26713615	26935327	0.91	cps
Sulfur	34-1	60017	59228	58552	59265	1.24	cps
Terbium	159-1	2030044	2013460	1963482	2002329	1.73	cps
Terbium	159-2	1232587	1256028	1232398	1240338	1.10	cps
Thallium	203-1	500560	493465	497374	497133	0.71	cps
Thallium	205-1	1199924	1195184	1182542	1192550	0.75	cps
Tin	118-1	379509	376604	377495	377869	0.39	cps
Titanium	47-1	477668	477743	475747	477052	0.24	cps

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LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:19:09	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1895234	1923651	1899502	1906129	0.80	cps
Vanadium	51-2	116733	116408	115585	116242	0.51	cps
Yttrium	89-1	1973830	1975908	1908663	1952800	1.96	cps
Yttrium	89-2	509810	521092	510483	513795	1.23	cps
Zinc	66-2	239859	242047	240871	240926	0.45	cps
Zirconium	90-1	652052	653556	647079	650896	0.52	cps
Zirconium	91-1	147654	145950	145583	146396	0.75	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:22:27	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	348319	346376	348983	347893	0.39	cps
Antimony	121-1	930240	936148	933253	933214	0.32	cps
Arsenic	75-2	37113	35519	36084	36239	2.23	cps
Barium	135-1	1265773	1275951	1263695	1268473	0.52	cps
Barium	137-1	2292328	2294115	2289122	2291855	0.11	cps
Beryllium	9-1	129591	131110	131765	130822	0.85	cps
Bismuth	209-1	1193510	1183564	1177737	1184937	0.67	cps
Bismuth	209-2	924669	933788	914967	924475	1.02	cps
Bromine	81-1	3250	3287	3077	3205	3.50	cps
Bromine	81-2	20	13	3	12	68.66	cps
Cadmium	108-1	16890	16703	16930	16841	0.72	cps
Cadmium	106-1	23920	23769	23539	23743	0.81	cps
Cadmium	111-1	226518	227447	227536	227167	0.25	cps
Calcium	43-1	207904	208799	207427	208043	0.33	cps
Calcium	44-1	3058603	3023428	3075623	3052551	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	272511	267890	267944	269448	0.98	cps
Cobalt	59-2	408893	408283	410410	409195	0.27	cps
Copper	63-2	2813209	2847761	2852657	2837876	0.76	cps
Dysprosium	156-1	40	30	27	32	21.53	cps
Dysprosium	156-2	77	30	63	57	42.42	cps
Erbium	164-1	13	30	23	22	37.76	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	17	7	23	16	53.90	cps
Gadolinium	160-2	107	73	110	97	20.98	cps
Holmium	165-1	1931076	1962783	1915250	1936370	1.25	cps
Holmium	165-2	1254904	1260142	1252307	1255784	0.32	cps
Indium	115-1	1286588	1277465	1266893	1276982	0.77	cps
Indium	115-2	423469	426618	422729	424272	0.49	cps
Iron	56-2	12153345	12283147	12000909	12145801	1.16	cps
Iron	57-2	324950	323663	324985	324533	0.23	cps
Iron	54-2	725987	719579	722956	722841	0.44	cps
Krypton	83-1	37	30	20	29	29.04	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:22:27	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4569970	4631363	4615863	4605732	0.69	cps
Lead	207-1	4098956	4151342	4142087	4130795	0.68	cps
Lead	208-1	18648625	18844414	18512611	18668550	0.89	cps
Lithium	6-1	227304	225371	226690	226455	0.44	cps
Magnesium	24-2	2561128	2493590	2561479	2538732	1.54	cps
Manganese	55-2	2131910	2168560	2118677	2139716	1.21	cps
Molybdenum	94-1	3010048	2988908	2981464	2993473	0.50	cps
Molybdenum	95-1	4439740	4424136	4437199	4433692	0.19	cps
Molybdenum	96-1	4920432	4855556	4920236	4898741	0.76	cps
Molybdenum	97-1	2818203	2852734	2818761	2829899	0.70	cps
Molybdenum	98-1	7214230	7399425	7259128	7290928	1.33	cps
Neodymium	150-1	123	153	120	132	13.89	cps
Neodymium	150-2	17	23	13	18	28.64	cps
Nickel	60-2	101423	100537	100245	100735	0.61	cps
Phosphorus	31-2	16863	17063	16646	16857	1.24	cps
Potassium	39-2	1669228	1659724	1696357	1675103	1.13	cps
Rhodium	103-1	1062640	1043199	1041518	1049119	1.12	cps
Rhodium	103-2	586278	594367	590104	590250	0.69	cps
Scandium	45-1	571974	563331	561075	565460	1.02	cps
Scandium	45-2	49266	49962	49862	49697	0.76	cps
Selenium	82-1	11427	11348	11491	11422	0.63	cps
Selenium	77-2	1170	1170	1123	1155	2.33	cps
Selenium	78-2	3894	3984	3824	3901	2.06	cps
Silicon	28-1	782811	781815	783750	782792	0.12	cps
Silver	107-1	1070665	1061197	1053205	1061689	0.82	cps
Silver	109-1	1024076	1022865	1013837	1020259	0.55	cps
Sodium	23-2	4194147	4216443	4265881	4225490	0.87	cps
Strontium	86-1	6387333	6294097	6323286	6334905	0.75	cps
Strontium	88-1	56337157	56300692	55268258	55968702	1.08	cps
Sulfur	34-1	81516	81348	80139	81001	0.93	cps
Terbium	159-1	1936603	1986091	1985438	1969378	1.44	cps
Terbium	159-2	1225603	1239186	1231216	1232002	0.55	cps
Thallium	203-1	1047898	1053884	1051509	1051097	0.29	cps
Thallium	205-1	2715998	2715579	2722746	2718108	0.15	cps
Tin	118-1	793434	795874	797759	795689	0.27	cps
Titanium	47-1	992499	992736	989576	991604	0.18	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:22:27	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4129583	4117947	4102775	4116768	0.33	cps
Vanadium	51-2	245478	246095	243709	245094	0.51	cps
Yttrium	89-1	1960363	1913947	1908343	1927551	1.48	cps
Yttrium	89-2	504632	505451	504541	504875	0.10	cps
Zinc	66-2	500529	497337	494732	497533	0.58	cps
Zirconium	90-1	1368690	1368997	1353730	1363806	0.64	cps
Zirconium	91-1	308128	307010	306895	307344	0.22	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:25:39	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683412	687816	689466	686898	0.46	cps
Antimony	121-1	1834647	1885225	1856117	1858663	1.37	cps
Arsenic	75-2	69806	70891	71042	70580	0.96	cps
Barium	135-1	2571743	2612204	2627884	2603944	1.11	cps
Barium	137-1	4531721	4476796	4577931	4528816	1.12	cps
Beryllium	9-1	251056	253392	252295	252248	0.46	cps
Bismuth	209-1	1183282	1168651	1168275	1173403	0.73	cps
Bismuth	209-2	919491	903502	916500	913164	0.93	cps
Bromine	81-1	3407	3547	2997	3317	8.62	cps
Bromine	81-2	10	20	30	20	50.00	cps
Cadmium	108-1	31725	32329	32994	32349	1.96	cps
Cadmium	106-1	45755	46220	46079	46018	0.52	cps
Cadmium	111-1	437076	440574	440446	439365	0.45	cps
Calcium	43-1	405249	406731	407979	406653	0.34	cps
Calcium	44-1	5964173	6036820	6076277	6025757	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	529404	524395	526098	526632	0.48	cps
Cobalt	59-2	794947	796632	799949	797176	0.32	cps
Copper	63-2	5502325	5459863	5482932	5481707	0.39	cps
Dysprosium	156-1	97	80	83	87	10.18	cps
Dysprosium	156-2	103	170	123	132	25.87	cps
Erbium	164-1	17	13	17	16	12.40	cps
Erbium	164-2	3	17	23	14	70.51	cps
Gadolinium	160-1	37	30	20	29	29.04	cps
Gadolinium	160-2	137	107	110	118	13.96	cps
Holmium	165-1	1951189	1925232	1930102	1935508	0.71	cps
Holmium	165-2	1266519	1242468	1253954	1254314	0.96	cps
Indium	115-1	1249109	1239901	1222252	1237087	1.10	cps
Indium	115-2	415636	409882	411708	412409	0.71	cps
Iron	56-2	24170678	23639738	23817320	23875912	1.13	cps
Iron	57-2	638157	635788	635322	636422	0.24	cps
Iron	54-2	1336353	1310142	1411302	1352599	3.88	cps
Krypton	83-1	20	50	33	34	43.64	cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:25:39	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9101149	9152640	9174699	9142830	0.41	cps
Lead	207-1	8165570	8080191	8186243	8144001	0.69	cps
Lead	208-1	36943802	36687091	37039132	36890008	0.49	cps
Lithium	6-1	224611	220842	221887	222447	0.87	cps
Magnesium	24-2	4990199	5019569	5026870	5012213	0.39	cps
Manganese	55-2	4215579	4196480	4219046	4210368	0.29	cps
Molybdenum	94-1	5839797	5839258	5888606	5855887	0.48	cps
Molybdenum	95-1	8655083	8715677	8745671	8705477	0.53	cps
Molybdenum	96-1	9409082	9598853	9420258	9476064	1.12	cps
Molybdenum	97-1	5473254	5657331	5545516	5558700	1.67	cps
Molybdenum	98-1	14333439	14404302	14615035	14450925	1.01	cps
Neodymium	150-1	263	273	307	281	8.07	cps
Neodymium	150-2	63	20	53	46	49.80	cps
Nickel	60-2	195078	193778	194406	194420	0.33	cps
Phosphorus	31-2	33974	33146	33143	33421	1.43	cps
Potassium	39-2	3266382	3213312	3262441	3247378	0.91	cps
Rhodium	103-1	1032771	1020285	1007022	1020026	1.26	cps
Rhodium	103-2	581350	577075	578888	579104	0.37	cps
Scandium	45-1	558578	553372	545256	552402	1.22	cps
Scandium	45-2	48655	48975	48735	48788	0.34	cps
Selenium	82-1	21698	22054	22185	21979	1.15	cps
Selenium	77-2	2217	2047	2134	2132	3.99	cps
Selenium	78-2	7615	7499	7695	7603	1.30	cps
Silicon	28-1	1698177	1706509	1708242	1704310	0.32	cps
Silver	107-1	2066580	2063913	2063002	2064499	0.09	cps
Silver	109-1	1947523	1975387	1979739	1967550	0.89	cps
Sodium	23-2	8344302	8323288	8259381	8308990	0.53	cps
Strontium	86-1	12407293	12506986	12475584	12463288	0.41	cps
Strontium	88-1	108897015	110080028	110894445	109957163	0.91	cps
Sulfur	34-1	126408	125506	125738	125884	0.37	cps
Terbium	159-1	1988582	1915108	1962940	1955543	1.91	cps
Terbium	159-2	1241256	1235853	1227962	1235024	0.54	cps
Thallium	203-1	2248760	2249333	2288323	2262139	1.00	cps
Thallium	205-1	5459930	5490273	5488450	5479551	0.31	cps
Tin	118-1	1551348	1561890	1554883	1556040	0.34	cps
Titanium	47-1	1894233	1914508	1921705	1910149	0.75	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:25:39	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8210298	8371111	8171092	8250834	1.28	cps
Vanadium	51-2	483644	481157	483662	482821	0.30	cps
Yttrium	89-1	1928881	1857853	1868802	1885179	2.03	cps
Yttrium	89-2	504743	500625	504937	503435	0.48	cps
Zinc	66-2	952815	956258	954079	954384	0.18	cps
Zirconium	90-1	2650092	2695042	2636046	2660393	1.16	cps
Zirconium	91-1	605724	609000	605738	606821	0.31	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:28:42	DataFile Name :	016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3326373	3309269	3311475	3315706	0.28	cps
Antimony	121-1	3250	3060	2747	3019	8.42	cps
Arsenic	75-2	93	100	50	81	33.47	cps
Barium	135-1	3527	3237	2820	3195	11.12	cps
Barium	137-1	6305	5621	4771	5566	13.81	cps
Beryllium	9-1	433	447	347	409	13.28	cps
Bismuth	209-1	1022235	994970	972179	996461	2.52	cps
Bismuth	209-2	775292	770364	762415	769357	0.84	cps
Bromine	81-1	3184	3440	3180	3268	4.57	cps
Bromine	81-2	7	17	10	11	45.82	cps
Cadmium	108-1	43	53	33	43	23.08	cps
Cadmium	106-1	610	617	653	627	3.72	cps
Cadmium	111-1	833	888	837	853	3.55	cps
Calcium	43-1	1708310	1737253	1780203	1741922	2.08	cps
Calcium	44-1	27940690	28193721	28219722	28118044	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1933	2013	1930	1959	2.41	cps
Cobalt	59-2	2634	2554	2337	2508	6.12	cps
Copper	63-2	4701	4237	3964	4301	8.66	cps
Dysprosium	156-1	73	67	80	73	9.09	cps
Dysprosium	156-2	57	77	73	69	15.55	cps
Erbium	164-1	90	73	77	80	11.02	cps
Erbium	164-2	63	40	67	57	25.64	cps
Gadolinium	160-1	37	73	57	56	33.04	cps
Gadolinium	160-2	160	147	117	141	15.73	cps
Holmium	165-1	1814875	1800882	1722364	1779373	2.80	cps
Holmium	165-2	1143852	1138822	1132180	1138285	0.51	cps
Indium	115-1	1165331	1144184	1119170	1142895	2.02	cps
Indium	115-2	383571	384049	382219	383280	0.25	cps
Iron	56-2	112046025	111574852	112861552	112160809	0.58	cps
Iron	57-2	2867535	2761331	2843644	2824170	1.97	cps
Iron	54-2	6134262	6150053	6120312	6134876	0.24	cps
Krypton	83-1	40	23	20	28	38.58	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:28:42	DataFile Name :	016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9854	8113	6962	8309	17.52	cps
Lead	207-1	8846	7415	6405	7556	16.24	cps
Lead	208-1	39880	33690	28956	34175	16.03	cps
Lithium	6-1	214140	220386	219700	218075	1.57	cps
Magnesium	24-2	26173398	25629155	25776683	25859745	1.09	cps
Manganese	55-2	4857	5014	4761	4877	2.62	cps
Molybdenum	94-1	7732	7122	6025	6960	12.43	cps
Molybdenum	95-1	10851	9410	8112	9458	14.48	cps
Molybdenum	96-1	13773	11762	10557	12031	13.51	cps
Molybdenum	97-1	6815	5871	5011	5899	15.30	cps
Molybdenum	98-1	17647	14711	12906	15088	15.86	cps
Neodymium	150-1	37	23	13	24	47.91	cps
Neodymium	150-2	20	27	17	21	24.12	cps
Nickel	60-2	813	933	923	890	7.48	cps
Phosphorus	31-2	93	53	70	72	27.82	cps
Potassium	39-2	16009521	15972876	16005093	15995830	0.13	cps
Rhodium	103-1	905629	900214	882117	895986	1.37	cps
Rhodium	103-2	499444	498368	495418	497743	0.42	cps
Scandium	45-1	532004	537397	538393	535931	0.64	cps
Scandium	45-2	48059	48046	48046	48050	0.02	cps
Selenium	82-1	68	76	67	70	7.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	57	57	54	7.07	cps
Silicon	28-1	74161	72597	72055	72938	1.50	cps
Silver	107-1	2324	1873	1527	1908	20.94	cps
Silver	109-1	2187	1967	1527	1893	17.75	cps
Sodium	23-2	41097330	41435147	41568589	41367022	0.59	cps
Strontium	86-1	15361	12816	11561	13246	14.62	cps
Strontium	88-1	134506	114092	97034	115211	16.28	cps
Sulfur	34-1	35301	34960	35414	35225	0.67	cps
Terbium	159-1	1841747	1820813	1777887	1813482	1.80	cps
Terbium	159-2	1119886	1126033	1115044	1120321	0.49	cps
Thallium	203-1	2427	1980	1620	2009	20.12	cps
Thallium	205-1	5778	4968	4087	4944	17.10	cps
Tin	118-1	2614	2337	2100	2350	10.93	cps
Titanium	47-1	2407	1930	1710	2016	17.67	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:28:42	DataFile Name :	016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8002	6622	5711	6778	17.02	cps
Vanadium	51-2	390	413	353	386	7.84	cps
Yttrium	89-1	1786766	1760245	1717276	1754762	2.00	cps
Yttrium	89-2	467505	470258	465339	467701	0.53	cps
Zinc	66-2	1147	1170	1040	1119	6.19	cps
Zirconium	90-1	4304	4024	3747	4025	6.92	cps
Zirconium	91-1	1100	917	890	969	11.80	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:38:31	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19446	18745	18625	18938	2.34	cps
Antimony	121-1	389552	389145	387347	388681	0.30	cps
Arsenic	75-2	16009	15942	15231	15727	2.74	cps
Barium	135-1	51720	52386	51305	51804	1.05	cps
Barium	137-1	90958	89697	90284	90313	0.70	cps
Beryllium	9-1	30049	30517	30042	30203	0.90	cps
Bismuth	209-1	1215620	1198335	1194760	1202905	0.93	cps
Bismuth	209-2	952664	957202	964627	958164	0.63	cps
Bromine	81-1	3434	3340	3434	3403	1.58	cps
Bromine	81-2	20	17	10	16	32.73	cps
Cadmium	108-1	3200	3230	3094	3175	2.26	cps
Cadmium	106-1	4921	4801	4818	4846	1.34	cps
Cadmium	111-1	49421	48948	49072	49147	0.50	cps
Calcium	43-1	8349	8506	8813	8556	2.76	cps
Calcium	44-1	136003	136837	135818	136219	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59376	60009	59815	59733	0.54	cps
Cobalt	59-2	92684	90946	91570	91733	0.96	cps
Copper	63-2	62189	62349	62008	62182	0.27	cps
Dysprosium	156-1	20	13	23	19	26.96	cps
Dysprosium	156-2	27	7	10	14	74.18	cps
Erbium	164-1	7	0	3	3	100.05	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	7	3	7	6	34.70	cps
Gadolinium	160-2	110	70	100	93	22.30	cps
Holmium	165-1	1950162	1897358	1895319	1914280	1.62	cps
Holmium	165-2	1259118	1258125	1270233	1262492	0.53	cps
Indium	115-1	1349938	1324290	1321098	1331775	1.19	cps
Indium	115-2	451135	448985	454029	451383	0.56	cps
Iron	56-2	1126889	1125695	1122675	1125086	0.19	cps
Iron	57-2	28250	28460	29015	28575	1.38	cps
Iron	54-2	64316	63808	64403	64176	0.50	cps
Krypton	83-1	20	43	40	34	36.64	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:38:31	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	375946	378384	374973	376434	0.47	cps
Lead	207-1	323902	323600	323231	323578	0.10	cps
Lead	208-1	1498857	1500978	1494018	1497951	0.24	cps
Lithium	6-1	247245	245866	245073	246061	0.45	cps
Magnesium	24-2	71378	71257	71475	71370	0.15	cps
Manganese	55-2	48869	48110	49247	48742	1.19	cps
Molybdenum	94-1	183	217	187	196	9.39	cps
Molybdenum	95-1	180	207	133	173	21.41	cps
Molybdenum	96-1	277	207	223	236	15.52	cps
Molybdenum	97-1	87	117	110	104	15.08	cps
Molybdenum	98-1	277	320	307	301	7.37	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	23498	24059	24310	23956	1.73	cps
Phosphorus	31-2	50	57	57	54	7.07	cps
Potassium	39-2	166526	164151	166718	165798	0.86	cps
Rhodium	103-1	1135015	1112929	1110751	1119565	1.20	cps
Rhodium	103-2	631432	626369	633920	630574	0.61	cps
Scandium	45-1	611593	597158	597091	601947	1.39	cps
Scandium	45-2	53110	53130	52032	52757	1.19	cps
Selenium	82-1	5013	5134	4909	5019	2.25	cps
Selenium	77-2	493	557	483	511	7.78	cps
Selenium	78-2	1683	1787	1737	1736	2.98	cps
Silicon	28-1	65499	65717	66436	65884	0.74	cps
Silver	107-1	112733	111756	112239	112243	0.44	cps
Silver	109-1	106316	108691	107736	107581	1.11	cps
Sodium	23-2	196847	194191	196879	195972	0.79	cps
Strontium	86-1	317	293	340	317	7.37	cps
Strontium	88-1	2137	2230	2107	2158	2.98	cps
Sulfur	34-1	37837	38308	38134	38093	0.63	cps
Terbium	159-1	2004861	2004886	1955816	1988521	1.42	cps
Terbium	159-2	1231977	1237887	1247410	1239091	0.63	cps
Thallium	203-1	466405	466855	465316	466192	0.17	cps
Thallium	205-1	1110972	1107534	1108536	1109014	0.16	cps
Tin	118-1	573	607	607	596	3.23	cps
Titanium	47-1	63	70	60	64	7.90	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P7
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:38:31	DataFile Name :	018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77	87	113	92	20.55	cps
Vanadium	51-2	53280	52076	52775	52711	1.15	cps
Yttrium	89-1	1994716	1953014	1939204	1962311	1.47	cps
Yttrium	89-2	527361	526535	528807	527568	0.22	cps
Zinc	66-2	21886	21936	21913	21912	0.11	cps
Zirconium	90-1	347	237	207	263	27.99	cps
Zirconium	91-1	90	77	103	90	14.81	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:42:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	237	100	154	46.91	cps
Antimony	121-1	693	480	520	564	20.09	cps
Arsenic	75-2	0	7	10	6	91.64	cps
Barium	135-1	53	27	53	44	34.63	cps
Barium	137-1	113	67	93	91	25.70	cps
Beryllium	9-1	107	110	103	107	3.13	cps
Bismuth	209-1	1184750	1168627	1171609	1174995	0.73	cps
Bismuth	209-2	945678	941757	934308	940581	0.61	cps
Bromine	81-1	3280	3110	3444	3278	5.09	cps
Bromine	81-2	17	10	7	11	45.82	cps
Cadmium	108-1	7	7	7	7	0.00	cps
Cadmium	106-1	640	627	593	620	3.88	cps
Cadmium	111-1	483	471	424	459	6.80	cps
Calcium	43-1	97	120	90	102	15.41	cps
Calcium	44-1	1027	930	983	980	4.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83	103	133	107	23.60	cps
Cobalt	59-2	23	50	20	31	52.86	cps
Copper	63-2	493	550	497	513	6.19	cps
Dysprosium	156-1	20	13	10	14	35.26	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	10	3	0	4	114.60	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	7	3	3	4	43.40	cps
Gadolinium	160-2	80	90	93	88	7.90	cps
Holmium	165-1	1868773	1870240	1883622	1874212	0.44	cps
Holmium	165-2	1238981	1235846	1230186	1235004	0.36	cps
Indium	115-1	1317775	1303226	1308167	1309723	0.56	cps
Indium	115-2	449448	447866	446912	448076	0.29	cps
Iron	56-2	4221	5392	4261	4624	14.38	cps
Iron	57-2	257	313	213	261	19.21	cps
Iron	54-2	523	517	497	512	2.71	cps
Krypton	83-1	23	33	27	28	18.33	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:42:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	503	383	443	443	13.53	cps
Lead	207-1	520	360	373	418	21.25	cps
Lead	208-1	2213	1677	1640	1843	17.41	cps
Lithium	6-1	240450	239411	240010	239957	0.22	cps
Magnesium	24-2	763	2246	640	1216	73.47	cps
Manganese	55-2	117	157	83	119	30.89	cps
Molybdenum	94-1	110	97	103	103	6.45	cps
Molybdenum	95-1	13	27	27	22	34.66	cps
Molybdenum	96-1	57	43	70	57	23.53	cps
Molybdenum	97-1	20	30	30	27	21.65	cps
Molybdenum	98-1	47	63	70	60	20.03	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	67	93	57	72	26.24	cps
Phosphorus	31-2	33	30	30	31	6.18	cps
Potassium	39-2	15048	15525	15021	15198	1.87	cps
Rhodium	103-1	1109808	1097773	1110618	1106066	0.65	cps
Rhodium	103-2	626207	624399	624955	625187	0.15	cps
Scandium	45-1	592562	586592	588635	589263	0.51	cps
Scandium	45-2	52477	51119	51367	51654	1.40	cps
Selenium	82-1	19	1	15	12	78.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	53	40	48	14.52	cps
Silicon	28-1	64254	64840	63943	64345	0.71	cps
Silver	107-1	220	130	113	154	37.15	cps
Silver	109-1	220	100	120	147	43.83	cps
Sodium	23-2	6505	8595	6238	7112	18.14	cps
Strontium	86-1	50	30	100	60	60.09	cps
Strontium	88-1	213	203	147	188	19.15	cps
Sulfur	34-1	36838	37479	38422	37579	2.12	cps
Terbium	159-1	1966212	1933811	1946393	1948805	0.84	cps
Terbium	159-2	1229086	1226954	1225875	1227305	0.13	cps
Thallium	203-1	593	490	377	487	22.27	cps
Thallium	205-1	1330	1050	770	1050	26.67	cps
Tin	118-1	427	477	427	443	6.51	cps
Titanium	47-1	33	27	17	26	32.81	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P7
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:42:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20	10	27	19	44.42	cps
Vanadium	51-2	23	33	10	22	52.68	cps
Yttrium	89-1	1958869	1972773	1916728	1949456	1.50	cps
Yttrium	89-2	522797	521330	520028	521385	0.27	cps
Zinc	66-2	130	123	97	117	15.12	cps
Zirconium	90-1	167	120	160	149	16.95	cps
Zirconium	91-1	23	17	37	26	39.85	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:45:34	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3136825	3150565	3182404	3156598	0.74	cps
Antimony	121-1	2204	2170	2274	2216	2.38	cps
Arsenic	75-2	37	30	40	36	14.32	cps
Barium	135-1	777	677	773	742	7.65	cps
Barium	137-1	1230	1273	1407	1303	7.07	cps
Beryllium	9-1	157	170	110	146	21.65	cps
Bismuth	209-1	1171119	1188033	1200722	1186625	1.25	cps
Bismuth	209-2	963521	950066	955699	956429	0.71	cps
Bromine	81-1	3350	3580	3567	3499	3.69	cps
Bromine	81-2	43	30	53	42	27.72	cps
Cadmium	108-1	293	277	223	264	13.83	cps
Cadmium	106-1	647	563	613	608	6.90	cps
Cadmium	111-1	604	561	573	579	3.85	cps
Calcium	43-1	384080	389726	393050	388952	1.17	cps
Calcium	44-1	5880262	5909331	5784234	5857942	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11681	11494	11638	11605	0.84	cps
Cobalt	59-2	980	1050	1157	1062	8.38	cps
Copper	63-2	4827	5154	5088	5023	3.44	cps
Dysprosium	156-1	23	37	30	30	22.23	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	20	13	17	17	20.01	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	17	17	27	20	28.86	cps
Gadolinium	160-2	100	93	67	87	20.35	cps
Holmium	165-1	2031102	2032369	2022894	2028788	0.25	cps
Holmium	165-2	1345922	1324101	1325378	1331800	0.92	cps
Indium	115-1	1291779	1300516	1311902	1301399	0.78	cps
Indium	115-2	450667	447472	449380	449173	0.36	cps
Iron	56-2	50343818	49916756	50201259	50153944	0.43	cps
Iron	57-2	1322412	1330802	1341855	1331690	0.73	cps
Iron	54-2	2769070	2747742	2766195	2761002	0.42	cps
Krypton	83-1	20	33	30	28	24.98	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:45:34	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8136	8179	8266	8194	0.81	cps
Lead	207-1	6422	6615	6575	6537	1.56	cps
Lead	208-1	30914	31034	31321	31090	0.67	cps
Lithium	6-1	232089	231652	229399	231047	0.62	cps
Magnesium	24-2	5119210	5225279	5178953	5174481	1.03	cps
Manganese	55-2	3674	3707	3741	3707	0.90	cps
Molybdenum	94-1	888790	909200	915670	904554	1.55	cps
Molybdenum	95-1	1555463	1596774	1611375	1587871	1.83	cps
Molybdenum	96-1	1713945	1685335	1709217	1702832	0.90	cps
Molybdenum	97-1	999147	1022786	1033386	1018440	1.72	cps
Molybdenum	98-1	2558938	2594797	2604312	2586016	0.93	cps
Neodymium	150-1	10	20	13	14	35.26	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	1077	1147	1173	1132	4.41	cps
Phosphorus	31-2	172187	173119	172911	172739	0.28	cps
Potassium	39-2	6631211	6600343	6590167	6607240	0.32	cps
Rhodium	103-1	1047491	1057787	1060094	1055124	0.64	cps
Rhodium	103-2	612477	610863	614807	612716	0.32	cps
Scandium	45-1	581616	579045	576000	578887	0.49	cps
Scandium	45-2	53487	52019	52180	52562	1.53	cps
Selenium	82-1	44	10	10	21	93.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	80	17	48	66.30	cps
Silicon	28-1	78958	78751	80738	79482	1.37	cps
Silver	107-1	197	200	260	219	16.29	cps
Silver	109-1	207	160	200	189	13.36	cps
Sodium	23-2	8471701	8546023	8600565	8539430	0.76	cps
Strontium	86-1	17808	17284	18181	17757	2.54	cps
Strontium	88-1	154051	155939	156412	155467	0.80	cps
Sulfur	34-1	491288	496862	503076	497075	1.19	cps
Terbium	159-1	2030034	2062181	2057052	2049756	0.84	cps
Terbium	159-2	1323049	1308286	1317794	1316376	0.57	cps
Thallium	203-1	723	727	947	799	16.02	cps
Thallium	205-1	1593	1837	2340	1923	19.80	cps
Tin	118-1	613	740	780	711	12.24	cps
Titanium	47-1	361518	366604	369671	365931	1.13	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P7
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:45:34	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	113	110	140	121	13.58	cps
Vanadium	51-2	110	107	107	108	1.78	cps
Yttrium	89-1	1950804	1952700	1980448	1961318	0.85	cps
Yttrium	89-2	531155	531858	533700	532238	0.25	cps
Zinc	66-2	1177	1243	1310	1243	5.36	cps
Zirconium	90-1	187	210	207	201	6.27	cps
Zirconium	91-1	67	50	47	54	19.68	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:48:54	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3434105	3425826	3350859	3403597	1.35	cps
Antimony	121-1	44756	45582	45154	45164	0.91	cps
Arsenic	75-2	1667	1720	1733	1707	2.07	cps
Barium	135-1	11985	12309	12282	12192	1.47	cps
Barium	137-1	20749	21153	21827	21243	2.56	cps
Beryllium	9-1	5828	5684	5618	5710	1.88	cps
Bismuth	209-1	1336996	1342475	1335616	1338362	0.27	cps
Bismuth	209-2	1050829	1035697	1043327	1043284	0.73	cps
Bromine	81-1	3997	3977	4141	4038	2.21	cps
Bromine	81-2	67	43	77	62	27.50	cps
Cadmium	108-1	867	970	900	912	5.78	cps
Cadmium	106-1	1527	1513	1643	1561	4.58	cps
Cadmium	111-1	10656	10027	10567	10417	3.27	cps
Calcium	43-1	423425	428733	429832	427330	0.80	cps
Calcium	44-1	6326809	6525823	6468333	6440322	1.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24881	24223	24190	24431	1.60	cps
Cobalt	59-2	20084	19740	19586	19803	1.29	cps
Copper	63-2	17590	17887	18078	17852	1.38	cps
Dysprosium	156-1	10	13	33	19	66.81	cps
Dysprosium	156-2	10	20	10	13	43.30	cps
Erbium	164-1	7	33	20	20	66.65	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	17	10	30	19	53.91	cps
Gadolinium	160-2	107	83	90	93	12.88	cps
Holmium	165-1	2271299	2253445	2262087	2262277	0.39	cps
Holmium	165-2	1477215	1456247	1454377	1462613	0.87	cps
Indium	115-1	1455884	1461760	1459385	1459010	0.20	cps
Indium	115-2	490636	484590	488775	488000	0.63	cps
Iron	56-2	54195381	54746799	53705278	54215819	0.96	cps
Iron	57-2	1358189	1380500	1381873	1373521	0.97	cps
Iron	54-2	2962793	2978492	2974370	2971885	0.27	cps
Krypton	83-1	37	13	37	29	46.64	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:48:54	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	51263	52250	53150	52221	1.81	cps
Lead	207-1	44225	45355	44563	44714	1.30	cps
Lead	208-1	202208	207268	208276	205917	1.58	cps
Lithium	6-1	244321	244526	243885	244244	0.13	cps
Magnesium	24-2	5639352	5593196	5506737	5579762	1.21	cps
Manganese	55-2	14460	13877	13706	14014	2.82	cps
Molybdenum	94-1	995252	1012638	1024850	1010913	1.47	cps
Molybdenum	95-1	1759291	1796748	1785574	1780538	1.08	cps
Molybdenum	96-1	1880603	1952851	1912539	1915331	1.89	cps
Molybdenum	97-1	1117585	1136251	1140100	1131312	1.06	cps
Molybdenum	98-1	2867174	2910856	2917988	2898673	0.95	cps
Neodymium	150-1	7	17	7	10	57.72	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	5858	5818	5868	5848	0.45	cps
Phosphorus	31-2	184308	184126	183016	183817	0.38	cps
Potassium	39-2	7168797	7150184	6995144	7104708	1.34	cps
Rhodium	103-1	1174058	1177987	1174717	1175587	0.18	cps
Rhodium	103-2	671627	661084	673114	668609	0.98	cps
Scandium	45-1	629573	635528	632031	632377	0.47	cps
Scandium	45-2	56602	56455	56498	56518	0.13	cps
Selenium	82-1	535	555	476	522	7.87	cps
Selenium	77-2	47	53	87	62	34.44	cps
Selenium	78-2	230	240	213	228	5.91	cps
Silicon	28-1	84139	85141	84324	84535	0.63	cps
Silver	107-1	44809	44983	45775	45189	1.14	cps
Silver	109-1	42973	44194	43538	43569	1.40	cps
Sodium	23-2	9301346	9214569	9287170	9267695	0.50	cps
Strontium	86-1	19326	19823	19917	19689	1.61	cps
Strontium	88-1	173266	175463	176677	175135	0.99	cps
Sulfur	34-1	544327	554895	557431	552218	1.26	cps
Terbium	159-1	2309309	2280180	2361452	2316980	1.78	cps
Terbium	159-2	1440014	1423663	1427989	1430555	0.59	cps
Thallium	203-1	53910	53980	56570	54820	2.77	cps
Thallium	205-1	127676	130621	131455	129918	1.53	cps
Tin	118-1	767	767	800	778	2.47	cps
Titanium	47-1	392552	401116	399813	397827	1.16	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P7
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:48:54	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	147	127	137	137	7.32	cps
Vanadium	51-2	11111	11464	11308	11294	1.57	cps
Yttrium	89-1	2157537	2223283	2162020	2180947	1.68	cps
Yttrium	89-2	581383	581886	578613	580627	0.30	cps
Zinc	66-2	3514	3590	3764	3623	3.54	cps
Zirconium	90-1	160	223	217	200	17.40	cps
Zirconium	91-1	23	63	40	42	47.59	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:55:23	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1775324	1799483	1753413	1776073	1.30	cps
Antimony	121-1	998236	1001211	1003279	1000909	0.25	cps
Arsenic	75-2	37554	37628	38390	37857	1.22	cps
Barium	135-1	1344503	1341503	1340794	1342266	0.15	cps
Barium	137-1	2443624	2445532	2450064	2446407	0.14	cps
Beryllium	9-1	137091	139385	139237	138571	0.93	cps
Bismuth	209-1	1173299	1173309	1157700	1168103	0.77	cps
Bismuth	209-2	898594	891199	894979	894924	0.41	cps
Bromine	81-1	3647	3560	3691	3633	1.82	cps
Bromine	81-2	23	3	7	11	96.43	cps
Cadmium	108-1	17481	17407	17447	17445	0.21	cps
Cadmium	106-1	25002	25038	25683	25241	1.52	cps
Cadmium	111-1	235297	238503	238717	237506	0.81	cps
Calcium	43-1	1055028	1069899	1070437	1065122	0.82	cps
Calcium	44-1	15903360	16202832	16056541	16054244	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	290801	288013	287020	288611	0.68	cps
Cobalt	59-2	460025	457892	454720	457546	0.58	cps
Copper	63-2	3073245	3066903	3038240	3059463	0.61	cps
Dysprosium	156-1	77	73	80	77	4.35	cps
Dysprosium	156-2	100	123	73	99	25.30	cps
Erbium	164-1	77	70	47	64	24.44	cps
Erbium	164-2	50	33	43	42	19.87	cps
Gadolinium	160-1	63	23	33	40	52.05	cps
Gadolinium	160-2	117	123	127	122	4.17	cps
Holmium	165-1	2032468	2068655	1990982	2030701	1.91	cps
Holmium	165-2	1301228	1279069	1291488	1290595	0.86	cps
Indium	115-1	1307575	1305098	1289508	1300727	0.75	cps
Indium	115-2	434964	433975	429060	432666	0.73	cps
Iron	56-2	64433976	64443087	65707797	64861620	1.13	cps
Iron	57-2	1583786	1626593	1606703	1605694	1.33	cps
Iron	54-2	3540537	3602043	3516607	3553062	1.24	cps
Krypton	83-1	33	63	47	48	31.46	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:55:23	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4737709	4725802	4782996	4748836	0.64	cps
Lead	207-1	4273325	4210487	4301218	4261676	1.09	cps
Lead	208-1	19272462	19073887	19351304	19232551	0.74	cps
Lithium	6-1	239877	241431	237678	239662	0.79	cps
Magnesium	24-2	13599652	13465735	13574836	13546741	0.53	cps
Manganese	55-2	2321612	2312620	2306228	2313486	0.33	cps
Molybdenum	94-1	3317314	3298884	3249292	3288497	1.07	cps
Molybdenum	95-1	4883007	4834017	4883843	4866956	0.59	cps
Molybdenum	96-1	5257666	5210285	5266578	5244843	0.58	cps
Molybdenum	97-1	3026504	3102049	3040257	3056270	1.32	cps
Molybdenum	98-1	7865362	7984870	7964146	7938126	0.80	cps
Neodymium	150-1	133	160	210	168	23.20	cps
Neodymium	150-2	33	40	33	36	10.83	cps
Nickel	60-2	111494	109875	110563	110644	0.73	cps
Phosphorus	31-2	17537	17851	17780	17723	0.93	cps
Potassium	39-2	8804174	8865423	8860052	8843216	0.38	cps
Rhodium	103-1	1070532	1063822	1045691	1060015	1.21	cps
Rhodium	103-2	591273	588387	584459	588040	0.58	cps
Scandium	45-1	597622	601311	590393	596442	0.93	cps
Scandium	45-2	52721	53872	52347	52980	1.50	cps
Selenium	82-1	11513	11653	11760	11642	1.07	cps
Selenium	77-2	1153	1150	1123	1142	1.44	cps
Selenium	78-2	4101	3987	3897	3995	2.55	cps
Silicon	28-1	1129257	1144065	1146162	1139828	0.81	cps
Silver	107-1	1075385	1078132	1078181	1077233	0.15	cps
Silver	109-1	1031348	1035957	1028043	1031783	0.39	cps
Sodium	23-2	22247317	22236816	22206888	22230341	0.09	cps
Strontium	86-1	6852638	6839771	6804779	6832396	0.36	cps
Strontium	88-1	60151157	60827812	60301832	60426934	0.59	cps
Sulfur	34-1	88511	87784	87676	87990	0.52	cps
Terbium	159-1	2071142	2101801	2088297	2087080	0.74	cps
Terbium	159-2	1274965	1264546	1265449	1268320	0.46	cps
Thallium	203-1	1081841	1082458	1097259	1087186	0.80	cps
Thallium	205-1	2795104	2791436	2853288	2813276	1.23	cps
Tin	118-1	833396	826405	833771	831191	0.50	cps
Titanium	47-1	1064104	1073405	1081234	1072914	0.80	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 17:55:23	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4364450	4391423	4342534	4366135	0.56	cps
Vanadium	51-2	266430	265818	264804	265684	0.31	cps
Yttrium	89-1	2054444	2014808	2014285	2027846	1.14	cps
Yttrium	89-2	531178	532217	526670	530021	0.56	cps
Zinc	66-2	535594	531731	532818	533381	0.37	cps
Zirconium	90-1	1477564	1473352	1492817	1481244	0.69	cps
Zirconium	91-1	334544	334202	331638	333461	0.48	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:02:03	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	130	150	126	21.46	cps
Antimony	121-1	327	297	357	327	9.19	cps
Arsenic	75-2	0	7	3	3	100.05	cps
Barium	135-1	47	47	33	42	18.24	cps
Barium	137-1	97	97	77	90	12.83	cps
Beryllium	9-1	107	97	120	108	10.86	cps
Bismuth	209-1	1294739	1289749	1297397	1293961	0.30	cps
Bismuth	209-2	1021065	1036220	1031145	1029477	0.75	cps
Bromine	81-1	3727	3717	3704	3716	0.32	cps
Bromine	81-2	10	23	23	19	40.75	cps
Cadmium	108-1	3	3	0	2	86.60	cps
Cadmium	106-1	713	650	663	676	4.94	cps
Cadmium	111-1	530	476	481	496	6.06	cps
Calcium	43-1	110	70	103	94	22.69	cps
Calcium	44-1	1370	1113	1107	1197	12.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97	77	37	70	43.64	cps
Cobalt	59-2	20	37	20	26	37.66	cps
Copper	63-2	667	593	750	670	11.70	cps
Dysprosium	156-1	3	13	27	14	81.07	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	10	10	3	8	49.52	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	3	10	13	9	57.30	cps
Gadolinium	160-2	107	83	103	98	12.91	cps
Holmium	165-1	2103314	2030383	2063778	2065825	1.77	cps
Holmium	165-2	1351460	1359392	1347441	1352764	0.45	cps
Indium	115-1	1420923	1415728	1416491	1417714	0.20	cps
Indium	115-2	480280	483129	479993	481134	0.36	cps
Iron	56-2	6855	6795	6505	6718	2.79	cps
Iron	57-2	323	330	317	323	2.06	cps
Iron	54-2	573	683	610	622	9.00	cps
Krypton	83-1	40	33	13	29	48.05	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:02:03	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	343	400	343	362	9.03	cps
Lead	207-1	363	320	283	322	12.43	cps
Lead	208-1	1573	1540	1383	1499	6.77	cps
Lithium	6-1	253865	249574	248856	250765	1.08	cps
Magnesium	24-2	1070	1217	1003	1097	9.95	cps
Manganese	55-2	193	193	173	187	6.19	cps
Molybdenum	94-1	263	217	193	224	15.88	cps
Molybdenum	95-1	267	267	237	257	6.75	cps
Molybdenum	96-1	363	287	260	303	17.68	cps
Molybdenum	97-1	160	167	113	147	19.82	cps
Molybdenum	98-1	417	387	297	367	17.03	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	67	87	63	72	17.48	cps
Phosphorus	31-2	43	40	30	38	18.36	cps
Potassium	39-2	16336	16102	16355	16264	0.87	cps
Rhodium	103-1	1200972	1187774	1193081	1193943	0.56	cps
Rhodium	103-2	675130	679625	674494	676417	0.41	cps
Scandium	45-1	634227	630247	629134	631203	0.42	cps
Scandium	45-2	54333	55391	54879	54868	0.96	cps
Selenium	82-1	2	7	24	11	102.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	27	47	40	28.87	cps
Silicon	28-1	62135	61663	62105	61968	0.43	cps
Silver	107-1	100	90	80	90	11.11	cps
Silver	109-1	83	60	47	63	29.30	cps
Sodium	23-2	9740	9720	9423	9628	1.84	cps
Strontium	86-1	267	290	240	266	9.42	cps
Strontium	88-1	2507	2003	1637	2049	21.32	cps
Sulfur	34-1	39304	39805	39628	39579	0.64	cps
Terbium	159-1	2162437	2116599	2159280	2146105	1.19	cps
Terbium	159-2	1330359	1342485	1333095	1335313	0.48	cps
Thallium	203-1	223	197	190	203	8.68	cps
Thallium	205-1	487	527	487	500	4.62	cps
Tin	118-1	450	463	443	452	2.25	cps
Titanium	47-1	57	97	57	70	32.99	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:02:03	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	170	120	127	139	19.55	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Yttrium	89-1	2107099	2079210	2092288	2092866	0.67	cps
Yttrium	89-2	558000	562385	558662	559682	0.42	cps
Zinc	66-2	83	93	57	78	24.37	cps
Zirconium	90-1	203	207	237	216	8.52	cps
Zirconium	91-1	50	20	50	40	43.30	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BL	Instrumnet Name :	P7
Client Sample ID :	PBS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:05:34	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	100	67	90	22.53	cps
Antimony	121-1	147	140	190	159	17.09	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	10	17	17	14	26.66	cps
Barium	137-1	33	30	3	22	74.00	cps
Beryllium	9-1	53	60	23	46	42.88	cps
Bismuth	209-1	1304276	1289945	1290329	1294850	0.63	cps
Bismuth	209-2	1017428	1013195	1001034	1010553	0.84	cps
Bromine	81-1	3714	3954	3991	3886	3.87	cps
Bromine	81-2	10	7	13	10	33.30	cps
Cadmium	108-1	7	7	7	7	0.00	cps
Cadmium	106-1	703	740	640	694	7.29	cps
Cadmium	111-1	494	520	460	491	6.13	cps
Calcium	43-1	43	40	90	58	48.39	cps
Calcium	44-1	703	730	673	702	4.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87	83	73	81	8.56	cps
Cobalt	59-2	37	23	20	27	33.08	cps
Copper	63-2	613	580	697	630	9.54	cps
Dysprosium	156-1	10	13	3	9	57.30	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	3	10	10	66.70	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	3	7	3	4	43.40	cps
Gadolinium	160-2	103	100	97	100	3.33	cps
Holmium	165-1	2075997	2082008	2049902	2069302	0.82	cps
Holmium	165-2	1352884	1327112	1326611	1335535	1.13	cps
Indium	115-1	1422471	1407431	1416477	1415460	0.53	cps
Indium	115-2	478909	474100	476512	476507	0.50	cps
Iron	56-2	4591	4564	4027	4394	7.24	cps
Iron	57-2	253	290	317	287	11.09	cps
Iron	54-2	530	523	503	519	2.67	cps
Krypton	83-1	27	27	33	29	13.31	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BL	Instrumnet Name :	P7
Client Sample ID :	PBS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:05:34	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	247	213	213	224	8.57	cps
Lead	207-1	247	193	130	190	30.74	cps
Lead	208-1	963	860	753	859	12.23	cps
Lithium	6-1	244200	243478	242308	243329	0.39	cps
Magnesium	24-2	813	710	830	784	8.29	cps
Manganese	55-2	143	123	103	123	16.22	cps
Molybdenum	94-1	123	77	90	97	24.87	cps
Molybdenum	95-1	87	70	50	69	26.65	cps
Molybdenum	96-1	90	80	33	68	44.63	cps
Molybdenum	97-1	20	23	47	30	48.44	cps
Molybdenum	98-1	97	87	110	98	11.97	cps
Neodymium	150-1	3	0	0	1	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	87	77	67	77	13.04	cps
Phosphorus	31-2	23	17	47	29	54.53	cps
Potassium	39-2	15645	15575	15825	15682	0.82	cps
Rhodium	103-1	1188141	1183496	1188800	1186813	0.24	cps
Rhodium	103-2	675969	665659	666834	669487	0.84	cps
Scandium	45-1	615857	616288	617929	616691	0.18	cps
Scandium	45-2	54481	53922	54498	54300	0.60	cps
Selenium	82-1	17	31	22	23	31.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	53	27	41	32.76	cps
Silicon	28-1	61238	61727	61091	61352	0.54	cps
Silver	107-1	47	60	40	49	20.83	cps
Silver	109-1	20	30	30	27	21.65	cps
Sodium	23-2	8139	7749	7942	7943	2.46	cps
Strontium	86-1	100	77	43	73	38.84	cps
Strontium	88-1	313	223	127	221	42.22	cps
Sulfur	34-1	40246	40032	40156	40145	0.27	cps
Terbium	159-1	2116900	2144460	2067728	2109696	1.84	cps
Terbium	159-2	1331299	1314590	1308463	1318117	0.90	cps
Thallium	203-1	187	137	137	153	18.83	cps
Thallium	205-1	340	297	337	324	7.43	cps
Tin	118-1	583	500	490	524	9.77	cps
Titanium	47-1	50	53	43	49	10.42	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BL	Instrumnet Name :	P7
Client Sample ID :	PBS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:05:34	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	3	10	10	66.70	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	2089747	2066409	2072490	2076215	0.58	cps
Yttrium	89-2	556124	549761	555651	553846	0.64	cps
Zinc	66-2	83	77	87	82	6.19	cps
Zirconium	90-1	150	160	150	153	3.77	cps
Zirconium	91-1	40	50	27	39	30.10	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BS	Instrumnet Name :	P7
Client Sample ID :	LCS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:09:03	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1613	1590	1577	1593	1.16	cps
Antimony	121-1	7482	8016	8012	7837	3.92	cps
Arsenic	75-2	157	247	140	181	31.68	cps
Barium	135-1	10210	10110	10297	10206	0.92	cps
Barium	137-1	16943	17878	17351	17391	2.69	cps
Beryllium	9-1	580	700	643	641	9.36	cps
Bismuth	209-1	1252655	1240356	1253063	1248691	0.58	cps
Bismuth	209-2	984460	993884	1005918	994754	1.08	cps
Bromine	81-1	3721	3807	3851	3793	1.75	cps
Bromine	81-2	13	13	7	11	34.61	cps
Cadmium	108-1	83	70	57	70	19.04	cps
Cadmium	106-1	907	660	673	747	18.58	cps
Cadmium	111-1	1660	1396	1422	1493	9.73	cps
Calcium	43-1	4007	4097	4061	4055	1.12	cps
Calcium	44-1	66056	67231	66227	66505	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2850	2684	2830	2788	3.26	cps
Cobalt	59-2	1937	1673	1903	1838	7.80	cps
Copper	63-2	3360	3194	3254	3269	2.58	cps
Dysprosium	156-1	10	10	20	13	43.30	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	3	10	13	9	57.30	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	3	13	10	9	57.30	cps
Gadolinium	160-2	97	87	80	88	9.56	cps
Holmium	165-1	2023459	2021726	2022576	2022587	0.04	cps
Holmium	165-2	1313708	1316108	1326763	1318859	0.53	cps
Indium	115-1	1381985	1375622	1381784	1379797	0.26	cps
Indium	115-2	474140	468489	474323	472317	0.70	cps
Iron	56-2	237536	234399	233562	235166	0.89	cps
Iron	57-2	6315	6235	6098	6216	1.76	cps
Iron	54-2	13466	12802	13459	13243	2.88	cps
Krypton	83-1	27	20	17	21	24.12	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BS	Instrumnet Name :	P7
Client Sample ID :	LCS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:09:03	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3647	3867	3694	3736	3.10	cps
Lead	207-1	3450	3420	3530	3467	1.64	cps
Lead	208-1	15213	15327	15120	15220	0.68	cps
Lithium	6-1	241544	240806	239448	240599	0.44	cps
Magnesium	24-2	62543	62131	62663	62446	0.45	cps
Manganese	55-2	1160	1107	1100	1122	2.93	cps
Molybdenum	94-1	7355	7185	7582	7374	2.70	cps
Molybdenum	95-1	8416	8469	9217	8701	5.15	cps
Molybdenum	96-1	10277	9473	10210	9987	4.47	cps
Molybdenum	97-1	5288	5661	5755	5568	4.44	cps
Molybdenum	98-1	14000	14504	15268	14591	4.38	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	527	553	503	528	4.74	cps
Phosphorus	31-2	50	50	47	49	3.93	cps
Potassium	39-2	91965	91177	92723	91955	0.84	cps
Rhodium	103-1	1167426	1161593	1175023	1168014	0.58	cps
Rhodium	103-2	667454	661680	669388	666174	0.60	cps
Scandium	45-1	616838	611879	610033	612917	0.57	cps
Scandium	45-2	54715	54417	54190	54441	0.48	cps
Selenium	82-1	253	283	300	279	8.56	cps
Selenium	77-2	23	23	23	23	0.00	cps
Selenium	78-2	137	110	130	126	11.05	cps
Silicon	28-1	76449	76583	78232	77088	1.29	cps
Silver	107-1	4377	4381	4661	4473	3.64	cps
Silver	109-1	4064	4497	4047	4203	6.07	cps
Sodium	23-2	102857	101132	101199	101730	0.96	cps
Strontium	86-1	1093	1203	2098	1465	37.60	cps
Strontium	88-1	9473	9783	20538	13265	47.50	cps
Sulfur	34-1	40360	40621	40220	40400	0.50	cps
Terbium	159-1	2088680	2067394	2083478	2079851	0.53	cps
Terbium	159-2	1309926	1297193	1315091	1307403	0.70	cps
Thallium	203-1	4457	4394	4517	4456	1.38	cps
Thallium	205-1	10114	10614	10561	10430	2.63	cps
Tin	118-1	583	450	543	526	13.02	cps
Titanium	47-1	2010	1837	2080	1976	6.34	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BS	Instrumnet Name :	P7
Client Sample ID :	LCS932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:09:03	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14852	14965	14925	14914	0.39	cps
Vanadium	51-2	5004	5651	5144	5267	6.46	cps
Yttrium	89-1	2076744	2079789	2034990	2063841	1.21	cps
Yttrium	89-2	547994	548460	550998	549151	0.29	cps
Zinc	66-2	1203	1290	1313	1269	4.57	cps
Zirconium	90-1	5871	6021	6358	6084	4.10	cps
Zirconium	91-1	1373	1287	1360	1340	3.48	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BL	Instrumnet Name :	P7
Client Sample ID :	PBS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:16:05	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	90	67	82	16.38	cps
Antimony	121-1	30	83	57	57	47.06	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	13	7	17	12	41.65	cps
Barium	137-1	13	17	13	14	13.35	cps
Beryllium	9-1	70	87	50	69	26.65	cps
Bismuth	209-1	1264672	1250723	1253939	1256445	0.58	cps
Bismuth	209-2	993174	1003381	984747	993767	0.94	cps
Bromine	81-1	3774	3614	3674	3687	2.19	cps
Bromine	81-2	13	10	17	13	25.01	cps
Cadmium	108-1	0	3	0	1	173.21	cps
Cadmium	106-1	757	567	693	672	14.39	cps
Cadmium	111-1	536	401	485	474	14.41	cps
Calcium	43-1	77	97	100	91	13.85	cps
Calcium	44-1	627	683	650	653	4.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80	77	53	70	20.76	cps
Cobalt	59-2	17	20	13	17	20.01	cps
Copper	63-2	540	460	600	533	13.17	cps
Dysprosium	156-1	10	3	7	7	50.03	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	7	13	3	8	65.47	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	0	10	0	3	173.21	cps
Gadolinium	160-2	73	60	83	72	16.21	cps
Holmium	165-1	2010460	2053388	2014078	2025975	1.18	cps
Holmium	165-2	1307133	1320647	1296903	1308228	0.91	cps
Indium	115-1	1409808	1390566	1382070	1394148	1.02	cps
Indium	115-2	470240	474720	468222	471060	0.71	cps
Iron	56-2	3424	3340	3604	3456	3.90	cps
Iron	57-2	263	217	227	236	10.43	cps
Iron	54-2	407	453	423	428	5.53	cps
Krypton	83-1	33	13	47	31	53.94	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BL	Instrumnet Name :	P7
Client Sample ID :	PBS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:16:05	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	180	183	137	167	15.62	cps
Lead	207-1	150	137	127	138	8.50	cps
Lead	208-1	637	627	557	607	7.18	cps
Lithium	6-1	238124	236220	234882	236409	0.69	cps
Magnesium	24-2	707	673	700	693	2.54	cps
Manganese	55-2	67	100	63	77	26.45	cps
Molybdenum	94-1	43	57	53	51	13.58	cps
Molybdenum	95-1	23	27	13	21	32.88	cps
Molybdenum	96-1	10	30	43	28	60.40	cps
Molybdenum	97-1	7	17	13	12	41.65	cps
Molybdenum	98-1	13	67	30	37	74.42	cps
Neodymium	150-1	3	7	3	4	43.40	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	73	53	51	45.80	cps
Phosphorus	31-2	43	40	37	40	8.32	cps
Potassium	39-2	14977	15084	15201	15088	0.74	cps
Rhodium	103-1	1177635	1175560	1165669	1172955	0.55	cps
Rhodium	103-2	657614	670561	656533	661569	1.18	cps
Scandium	45-1	611858	608039	605151	608349	0.55	cps
Scandium	45-2	53414	53762	53578	53584	0.33	cps
Selenium	82-1	30	27	-1	19	91.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	40	30	34	14.78	cps
Silicon	28-1	59598	60191	60151	59980	0.55	cps
Silver	107-1	37	47	30	38	22.21	cps
Silver	109-1	20	20	33	24	31.49	cps
Sodium	23-2	5881	6048	6221	6050	2.81	cps
Strontium	86-1	67	40	53	53	25.00	cps
Strontium	88-1	37	50	20	36	42.27	cps
Sulfur	34-1	40042	39828	39915	39929	0.27	cps
Terbium	159-1	2099944	2067364	2072780	2080029	0.84	cps
Terbium	159-2	1298386	1300586	1286739	1295237	0.57	cps
Thallium	203-1	83	83	77	81	4.74	cps
Thallium	205-1	200	227	190	206	9.22	cps
Tin	118-1	430	403	764	532	37.72	cps
Titanium	47-1	37	27	40	34	20.14	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BL	Instrumnet Name :	P7
Client Sample ID :	PBS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:16:05	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3	0	0	1	173.21	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	2054786	2067178	2077934	2066633	0.56	cps
Yttrium	89-2	543868	554486	542159	546838	1.22	cps
Zinc	66-2	63	83	43	63	31.58	cps
Zirconium	90-1	113	123	123	120	4.81	cps
Zirconium	91-1	23	30	37	30	22.23	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:19:37	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850	873	903	876	3.05	cps
Antimony	121-1	4184	4127	4034	4115	1.84	cps
Arsenic	75-2	50	87	67	68	27.09	cps
Barium	135-1	5344	5368	5444	5386	0.97	cps
Barium	137-1	9413	9740	9397	9517	2.04	cps
Beryllium	9-1	340	313	343	332	4.95	cps
Bismuth	209-1	1265717	1283259	1270199	1273058	0.72	cps
Bismuth	209-2	1007739	1011045	1001665	1006816	0.47	cps
Bromine	81-1	3467	3447	3737	3550	4.56	cps
Bromine	81-2	23	20	27	23	14.29	cps
Cadmium	108-1	70	27	60	52	43.44	cps
Cadmium	106-1	683	647	663	664	2.76	cps
Cadmium	111-1	879	957	912	916	4.27	cps
Calcium	43-1	1953	2260	2137	2117	7.29	cps
Calcium	44-1	34526	34646	35248	34807	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1427	1370	1357	1385	2.68	cps
Cobalt	59-2	1020	943	967	977	4.02	cps
Copper	63-2	1810	1890	1740	1813	4.14	cps
Dysprosium	156-1	7	10	3	7	50.03	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	10	7	7	8	24.71	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	3	3	7	4	43.40	cps
Gadolinium	160-2	57	73	63	64	13.01	cps
Holmium	165-1	2048899	2018371	2037388	2034886	0.76	cps
Holmium	165-2	1331125	1333026	1321291	1328480	0.47	cps
Indium	115-1	1396909	1402713	1398531	1399385	0.21	cps
Indium	115-2	477766	478313	469766	475281	1.01	cps
Iron	56-2	122544	122802	122510	122619	0.13	cps
Iron	57-2	3267	3190	3390	3283	3.07	cps
Iron	54-2	6958	6742	6962	6887	1.83	cps
Krypton	83-1	33	33	20	29	26.64	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:19:37	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1867	2074	2127	2022	6.79	cps
Lead	207-1	1827	1717	1790	1778	3.15	cps
Lead	208-1	8201	7944	8278	8141	2.15	cps
Lithium	6-1	235005	238361	238019	237128	0.78	cps
Magnesium	24-2	33383	32825	31743	32650	2.55	cps
Manganese	55-2	660	593	680	644	7.04	cps
Molybdenum	94-1	3801	3677	3657	3712	2.09	cps
Molybdenum	95-1	4457	4787	4727	4657	3.78	cps
Molybdenum	96-1	5061	4934	5294	5096	3.58	cps
Molybdenum	97-1	2977	2897	2877	2917	1.81	cps
Molybdenum	98-1	7405	7489	7402	7432	0.66	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	303	317	293	304	3.84	cps
Phosphorus	31-2	43	20	23	29	43.68	cps
Potassium	39-2	54678	54233	55002	54638	0.71	cps
Rhodium	103-1	1181882	1193165	1178646	1184564	0.64	cps
Rhodium	103-2	669880	670733	659190	666601	0.96	cps
Scandium	45-1	611746	615204	612011	612987	0.31	cps
Scandium	45-2	54076	54374	53407	53952	0.92	cps
Selenium	82-1	151	148	132	144	7.09	cps
Selenium	77-2	3	20	20	14	66.64	cps
Selenium	78-2	67	107	90	88	22.89	cps
Silicon	28-1	67099	68600	67488	67729	1.15	cps
Silver	107-1	2277	2337	2314	2309	1.31	cps
Silver	109-1	2310	2314	2210	2278	2.58	cps
Sodium	23-2	54218	54623	53870	54237	0.69	cps
Strontium	86-1	640	623	583	616	4.73	cps
Strontium	88-1	4971	5188	5358	5172	3.75	cps
Sulfur	34-1	39798	38836	39892	39509	1.48	cps
Terbium	159-1	2075211	2117073	2129644	2107309	1.35	cps
Terbium	159-2	1311371	1314873	1297266	1307836	0.71	cps
Thallium	203-1	2334	2340	2294	2322	1.09	cps
Thallium	205-1	5535	5705	5441	5560	2.40	cps
Tin	118-1	330	367	363	353	5.74	cps
Titanium	47-1	1003	1050	1067	1040	3.16	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163932BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD932	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:19:37	DataFile Name :	030LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7692	7966	7829	7829	1.75	cps
Vanadium	51-2	2714	2677	2614	2668	1.90	cps
Yttrium	89-1	2080657	2077186	2065088	2074310	0.39	cps
Yttrium	89-2	556645	555234	550480	554120	0.58	cps
Zinc	66-2	647	570	713	643	11.15	cps
Zirconium	90-1	3210	3214	3117	3180	1.73	cps
Zirconium	91-1	680	720	750	717	4.90	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BS	Instrumnet Name :	P7
Client Sample ID :	LCS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:26:39	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1687	1567	1530	1595	5.14	cps
Antimony	121-1	7705	7989	7892	7862	1.83	cps
Arsenic	75-2	240	197	153	197	22.03	cps
Barium	135-1	10597	10611	10314	10507	1.60	cps
Barium	137-1	18175	18215	18095	18162	0.34	cps
Beryllium	9-1	597	507	577	560	8.44	cps
Bismuth	209-1	1265343	1255632	1245169	1255381	0.80	cps
Bismuth	209-2	1000836	989101	979369	989769	1.09	cps
Bromine	81-1	3887	3754	3871	3837	1.89	cps
Bromine	81-2	10	20	13	14	35.26	cps
Cadmium	108-1	103	117	83	101	16.60	cps
Cadmium	106-1	797	807	747	783	4.10	cps
Cadmium	111-1	1512	1536	1438	1495	3.44	cps
Calcium	43-1	4014	4187	4097	4099	2.12	cps
Calcium	44-1	64898	65745	65865	65503	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2790	2637	2560	2662	4.40	cps
Cobalt	59-2	1963	1780	1753	1832	6.24	cps
Copper	63-2	3397	3024	3017	3146	6.92	cps
Dysprosium	156-1	7	13	3	8	65.47	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	3	3	3	3	0.00	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	3	3	13	7	86.65	cps
Gadolinium	160-2	77	100	77	84	15.95	cps
Holmium	165-1	2022128	2012539	2006447	2013704	0.39	cps
Holmium	165-2	1309841	1307939	1296205	1304661	0.57	cps
Indium	115-1	1401818	1396321	1391638	1396592	0.36	cps
Indium	115-2	469532	467810	461965	466436	0.85	cps
Iron	56-2	232564	231556	229725	231281	0.62	cps
Iron	57-2	5988	6205	5774	5989	3.59	cps
Iron	54-2	13006	12782	13363	13050	2.24	cps
Krypton	83-1	33	53	20	36	47.19	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BS	Instrumnet Name :	P7
Client Sample ID :	LCS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:26:39	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3757	3747	3607	3704	2.26	cps
Lead	207-1	3180	3074	3290	3182	3.41	cps
Lead	208-1	14867	14737	14993	14866	0.86	cps
Lithium	6-1	234955	234316	235029	234767	0.17	cps
Magnesium	24-2	60696	60548	61569	60938	0.91	cps
Manganese	55-2	1117	1103	1133	1118	1.35	cps
Molybdenum	94-1	7312	7249	7132	7231	1.26	cps
Molybdenum	95-1	8719	8733	8779	8744	0.36	cps
Molybdenum	96-1	9863	10074	9403	9780	3.51	cps
Molybdenum	97-1	5668	5668	5364	5567	3.15	cps
Molybdenum	98-1	14114	14611	14204	14309	1.85	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	577	473	463	504	12.44	cps
Phosphorus	31-2	40	50	20	37	41.66	cps
Potassium	39-2	91439	90517	90168	90708	0.72	cps
Rhodium	103-1	1183975	1172850	1175658	1177494	0.49	cps
Rhodium	103-2	662774	652879	651194	655616	0.95	cps
Scandium	45-1	613013	608808	608866	610229	0.40	cps
Scandium	45-2	54053	53377	52738	53389	1.23	cps
Selenium	82-1	257	252	265	258	2.40	cps
Selenium	77-2	37	17	33	29	37.08	cps
Selenium	78-2	157	100	90	116	31.11	cps
Silicon	28-1	73177	75792	75467	74812	1.91	cps
Silver	107-1	4537	4597	4337	4491	3.03	cps
Silver	109-1	4311	4187	4161	4220	1.90	cps
Sodium	23-2	97556	96372	98053	97327	0.89	cps
Strontium	86-1	1130	1140	1283	1185	7.24	cps
Strontium	88-1	9780	9293	9747	9607	2.83	cps
Sulfur	34-1	40474	40437	39748	40220	1.02	cps
Terbium	159-1	2076602	2048306	2094923	2073277	1.13	cps
Terbium	159-2	1298125	1284195	1282770	1288363	0.66	cps
Thallium	203-1	4334	4314	4321	4323	0.24	cps
Thallium	205-1	10377	10841	10618	10612	2.19	cps
Tin	118-1	460	440	477	459	4.00	cps
Titanium	47-1	1817	2037	1953	1936	5.74	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BS	Instrumnet Name :	P7
Client Sample ID :	LCS934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:26:39	DataFile Name :	032LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14571	14828	14875	14758	1.11	cps
Vanadium	51-2	5361	5151	5371	5294	2.35	cps
Yttrium	89-1	2087239	2057396	2031946	2058861	1.34	cps
Yttrium	89-2	543832	545409	539140	542793	0.60	cps
Zinc	66-2	1173	1237	1103	1171	5.69	cps
Zirconium	90-1	5845	5815	5941	5867	1.13	cps
Zirconium	91-1	1367	1313	1213	1298	6.00	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:30:09	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	973	897	903	924	4.59	cps
Antimony	121-1	4137	3937	3867	3981	3.52	cps
Arsenic	75-2	77	100	107	94	16.68	cps
Barium	135-1	5131	5241	5111	5161	1.36	cps
Barium	137-1	8923	8789	9110	8941	1.80	cps
Beryllium	9-1	387	343	250	327	21.38	cps
Bismuth	209-1	1251651	1257799	1188370	1232607	3.12	cps
Bismuth	209-2	988113	978374	987192	984560	0.55	cps
Bromine	81-1	3634	3627	3844	3702	3.33	cps
Bromine	81-2	17	10	7	11	45.82	cps
Cadmium	108-1	47	40	33	40	16.68	cps
Cadmium	106-1	703	723	727	718	1.76	cps
Cadmium	111-1	970	1022	995	996	2.61	cps
Calcium	43-1	2114	1987	2197	2099	5.04	cps
Calcium	44-1	32665	33277	32846	32929	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1197	1370	1310	1292	6.81	cps
Cobalt	59-2	990	960	880	943	6.03	cps
Copper	63-2	1753	1720	1853	1776	3.91	cps
Dysprosium	156-1	7	13	10	10	33.30	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	7	3	13	8	65.47	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	0	10	7	6	91.64	cps
Gadolinium	160-2	43	80	83	69	32.22	cps
Holmium	165-1	2065535	2040419	1916207	2007387	3.98	cps
Holmium	165-2	1299143	1278315	1297808	1291755	0.90	cps
Indium	115-1	1399021	1390633	1321162	1370272	3.12	cps
Indium	115-2	470111	460571	464294	464992	1.03	cps
Iron	56-2	116460	116278	115241	115993	0.57	cps
Iron	57-2	3027	3147	3004	3059	2.51	cps
Iron	54-2	6695	6652	6812	6719	1.23	cps
Krypton	83-1	17	37	40	31	40.56	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:30:09	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1777	1847	1947	1857	4.60	cps
Lead	207-1	1780	1703	1657	1713	3.63	cps
Lead	208-1	7578	7628	7851	7685	1.89	cps
Lithium	6-1	235844	234960	224935	231913	2.61	cps
Magnesium	24-2	31095	30637	31078	30937	0.84	cps
Manganese	55-2	503	637	577	572	11.67	cps
Molybdenum	94-1	3410	3540	3544	3498	2.17	cps
Molybdenum	95-1	4284	4437	4004	4242	5.18	cps
Molybdenum	96-1	4901	4631	4517	4683	4.21	cps
Molybdenum	97-1	2897	2710	2874	2827	3.60	cps
Molybdenum	98-1	7202	7125	7185	7171	0.56	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	303	347	293	314	9.02	cps
Phosphorus	31-2	53	27	33	38	36.73	cps
Potassium	39-2	52059	52543	52266	52289	0.47	cps
Rhodium	103-1	1183983	1173994	1109275	1155750	3.51	cps
Rhodium	103-2	662320	646083	654537	654313	1.24	cps
Scandium	45-1	611559	609853	578681	600031	3.08	cps
Scandium	45-2	53731	53611	53266	53536	0.45	cps
Selenium	82-1	192	130	141	154	21.51	cps
Selenium	77-2	13	10	20	14	35.26	cps
Selenium	78-2	90	67	90	82	16.38	cps
Silicon	28-1	66835	66671	66530	66678	0.23	cps
Silver	107-1	2357	2280	2310	2316	1.67	cps
Silver	109-1	2130	1980	2054	2055	3.65	cps
Sodium	23-2	51202	50375	51038	50871	0.86	cps
Strontium	86-1	647	537	543	576	10.72	cps
Strontium	88-1	4998	5014	4931	4981	0.89	cps
Sulfur	34-1	40126	40019	40036	40060	0.14	cps
Terbium	159-1	2091880	2092837	1981950	2055556	3.10	cps
Terbium	159-2	1282892	1265540	1278134	1275522	0.70	cps
Thallium	203-1	2214	2260	2277	2250	1.46	cps
Thallium	205-1	5491	5164	5101	5252	3.99	cps
Tin	118-1	393	400	447	413	7.03	cps
Titanium	47-1	1007	1000	933	980	4.14	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163934BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD934	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:30:09	DataFile Name :	033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7039	7415	7265	7240	2.62	cps
Vanadium	51-2	2584	2624	2537	2581	1.68	cps
Yttrium	89-1	2069523	2052783	1944959	2022422	3.34	cps
Yttrium	89-2	548223	534578	538039	540280	1.31	cps
Zinc	66-2	633	693	600	642	7.37	cps
Zirconium	90-1	2947	3147	2970	3021	3.62	cps
Zirconium	91-1	607	617	687	637	6.85	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BL	Instrumnet Name :	P7
Client Sample ID :	PBS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:33:41	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	110	100	101	8.30	cps
Antimony	121-1	50	77	33	53	40.99	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	17	10	3	10	66.70	cps
Barium	137-1	17	10	20	16	32.73	cps
Beryllium	9-1	53	17	20	30	67.58	cps
Bismuth	209-1	1252269	1232615	1223127	1236004	1.20	cps
Bismuth	209-2	998034	981958	982842	987611	0.92	cps
Bromine	81-1	3654	3907	3470	3677	5.96	cps
Bromine	81-2	20	20	17	19	10.18	cps
Cadmium	108-1	3	0	0	1	173.21	cps
Cadmium	106-1	657	677	627	653	3.85	cps
Cadmium	111-1	457	477	439	458	4.19	cps
Calcium	43-1	97	47	83	76	34.27	cps
Calcium	44-1	683	667	683	678	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100	67	67	78	24.74	cps
Cobalt	59-2	13	7	10	10	33.30	cps
Copper	63-2	393	427	380	400	6.01	cps
Dysprosium	156-1	13	10	17	13	25.01	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	7	7	10	8	24.71	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	0	7	7	4	86.60	cps
Gadolinium	160-2	70	93	103	89	19.24	cps
Holmium	165-1	1978686	1980258	1984120	1981022	0.14	cps
Holmium	165-2	1307951	1284181	1287063	1293065	1.00	cps
Indium	115-1	1384592	1376996	1368167	1376585	0.60	cps
Indium	115-2	468094	458056	463156	463102	1.08	cps
Iron	56-2	2997	2754	2800	2850	4.53	cps
Iron	57-2	247	210	317	258	21.02	cps
Iron	54-2	427	370	297	364	17.89	cps
Krypton	83-1	13	30	33	26	41.94	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BL	Instrumnet Name :	P7
Client Sample ID :	PBS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:33:41	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	110	113	123	116	6.01	cps
Lead	207-1	97	90	130	106	20.30	cps
Lead	208-1	417	453	460	443	5.26	cps
Lithium	6-1	233147	233872	230912	232644	0.66	cps
Magnesium	24-2	693	717	637	682	6.03	cps
Manganese	55-2	77	60	57	64	16.63	cps
Molybdenum	94-1	37	40	30	36	14.32	cps
Molybdenum	95-1	13	17	17	16	12.40	cps
Molybdenum	96-1	37	17	13	22	56.80	cps
Molybdenum	97-1	7	3	3	4	43.40	cps
Molybdenum	98-1	33	23	40	32	26.04	cps
Neodymium	150-1	0	0	3	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	63	73	64	13.01	cps
Phosphorus	31-2	50	27	60	46	37.54	cps
Potassium	39-2	15034	14887	15088	15003	0.69	cps
Rhodium	103-1	1168203	1159141	1157500	1161615	0.50	cps
Rhodium	103-2	659171	647908	653799	653626	0.86	cps
Scandium	45-1	602536	599494	601105	601045	0.25	cps
Scandium	45-2	53491	52383	53267	53047	1.10	cps
Selenium	82-1	46	18	11	25	73.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	73	67	37	59	33.16	cps
Silicon	28-1	57705	58130	57413	57749	0.62	cps
Silver	107-1	60	30	40	43	35.25	cps
Silver	109-1	37	30	40	36	14.32	cps
Sodium	23-2	4281	4494	4601	4458	3.66	cps
Strontium	86-1	53	50	67	57	15.57	cps
Strontium	88-1	30	17	27	24	28.38	cps
Sulfur	34-1	40062	39147	40266	39825	1.50	cps
Terbium	159-1	2061492	2041051	2068143	2056895	0.69	cps
Terbium	159-2	1286474	1266453	1276607	1276511	0.78	cps
Thallium	203-1	70	53	50	58	18.55	cps
Thallium	205-1	143	153	163	153	6.52	cps
Tin	118-1	283	347	263	298	14.61	cps
Titanium	47-1	43	20	17	27	54.47	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BL	Instrumnet Name :	P7
Client Sample ID :	PBS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:33:41	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	10	0	7	86.60	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	2082761	2036514	2056318	2058531	1.13	cps
Yttrium	89-2	540388	531988	542428	538268	1.03	cps
Zinc	66-2	47	43	47	46	4.23	cps
Zirconium	90-1	97	90	83	90	7.41	cps
Zirconium	91-1	20	23	7	17	52.90	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:40:44	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	910	903	853	889	3.48	cps
Antimony	121-1	4197	4101	4014	4104	2.24	cps
Arsenic	75-2	93	77	87	86	9.80	cps
Barium	135-1	5294	5131	5078	5168	2.19	cps
Barium	137-1	8933	9230	9346	9170	2.33	cps
Beryllium	9-1	343	333	327	334	2.51	cps
Bismuth	209-1	1263326	1259750	1185987	1236354	3.53	cps
Bismuth	209-2	986658	992378	987397	988811	0.31	cps
Bromine	81-1	3580	3574	3550	3568	0.44	cps
Bromine	81-2	20	40	10	23	65.47	cps
Cadmium	108-1	60	53	37	50	24.03	cps
Cadmium	106-1	707	670	577	651	10.29	cps
Cadmium	111-1	989	1032	901	974	6.83	cps
Calcium	43-1	2020	2190	2073	2095	4.15	cps
Calcium	44-1	33226	33357	33707	33430	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1403	1307	1430	1380	4.70	cps
Cobalt	59-2	967	1040	1057	1021	4.69	cps
Copper	63-2	1820	1703	1827	1783	3.89	cps
Dysprosium	156-1	10	17	3	10	66.70	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	0	3	17	7	132.33	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	7	0	0	2	173.21	cps
Gadolinium	160-2	80	73	87	80	8.34	cps
Holmium	165-1	2023666	1997498	1926047	1982404	2.55	cps
Holmium	165-2	1308249	1310702	1304074	1307675	0.26	cps
Indium	115-1	1398353	1390846	1308923	1366040	3.63	cps
Indium	115-2	469381	468945	466472	468266	0.34	cps
Iron	56-2	119137	118905	118845	118962	0.13	cps
Iron	57-2	3004	3134	3340	3159	5.38	cps
Iron	54-2	6722	6825	6852	6799	1.01	cps
Krypton	83-1	33	33	27	31	12.36	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:40:44	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1974	1990	1903	1956	2.35	cps
Lead	207-1	1510	1587	1713	1603	6.40	cps
Lead	208-1	7758	7881	7834	7824	0.80	cps
Lithium	6-1	233972	233225	221678	229625	3.00	cps
Magnesium	24-2	31636	31562	31235	31478	0.68	cps
Manganese	55-2	623	713	613	650	8.47	cps
Molybdenum	94-1	3667	3764	3620	3684	1.99	cps
Molybdenum	95-1	4387	4281	4507	4392	2.58	cps
Molybdenum	96-1	4797	4898	5238	4978	4.64	cps
Molybdenum	97-1	2840	2920	2687	2816	4.21	cps
Molybdenum	98-1	7145	7175	7512	7277	2.80	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	307	260	307	291	9.25	cps
Phosphorus	31-2	40	23	20	28	38.58	cps
Potassium	39-2	53417	52550	53400	53122	0.93	cps
Rhodium	103-1	1178871	1171895	1103755	1151507	3.60	cps
Rhodium	103-2	659551	656116	654550	656739	0.39	cps
Scandium	45-1	611517	613610	569216	598114	4.19	cps
Scandium	45-2	53681	53082	53658	53474	0.63	cps
Selenium	82-1	145	142	148	145	1.87	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	83	70	53	69	21.82	cps
Silicon	28-1	66969	68295	67772	67678	0.99	cps
Silver	107-1	2367	2237	2177	2260	4.30	cps
Silver	109-1	2144	2080	2274	2166	4.55	cps
Sodium	23-2	51312	50245	50071	50543	1.33	cps
Strontium	86-1	607	590	653	617	5.32	cps
Strontium	88-1	4998	4844	4961	4934	1.62	cps
Sulfur	34-1	39160	38923	39207	39097	0.39	cps
Terbium	159-1	2107665	2073057	1936548	2039090	4.44	cps
Terbium	159-2	1294761	1285534	1276678	1285658	0.70	cps
Thallium	203-1	2207	2190	2100	2166	2.65	cps
Thallium	205-1	5361	5388	5201	5317	1.90	cps
Tin	118-1	417	413	373	401	6.01	cps
Titanium	47-1	1020	987	1143	1050	7.86	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:40:44	DataFile Name :	036LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7422	7619	7636	7559	1.57	cps
Vanadium	51-2	2650	2860	2780	2764	3.84	cps
Yttrium	89-1	2037030	2054883	1971988	2021300	2.16	cps
Yttrium	89-2	543740	545457	542274	543824	0.29	cps
Zinc	66-2	610	640	613	621	2.65	cps
Zirconium	90-1	3094	3177	3044	3105	2.17	cps
Zirconium	91-1	760	693	637	697	8.86	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BS	Instrumnet Name :	P7
Client Sample ID :	LCS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:44:14	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1573	1660	1547	1593	3.72	cps
Antimony	121-1	7809	7582	7949	7780	2.38	cps
Arsenic	75-2	137	160	207	168	21.24	cps
Barium	135-1	10140	10537	10414	10364	1.96	cps
Barium	137-1	18212	17901	17668	17927	1.52	cps
Beryllium	9-1	587	513	607	569	8.64	cps
Bismuth	209-1	1252387	1246419	1237479	1245428	0.60	cps
Bismuth	209-2	989070	987794	986033	987633	0.15	cps
Bromine	81-1	3741	3727	3781	3749	0.74	cps
Bromine	81-2	13	23	13	17	34.65	cps
Cadmium	108-1	93	80	73	82	12.39	cps
Cadmium	106-1	857	713	750	773	9.63	cps
Cadmium	111-1	1481	1460	1434	1458	1.63	cps
Calcium	43-1	3931	4207	3961	4033	3.77	cps
Calcium	44-1	65956	65802	65849	65869	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2650	2660	2654	2655	0.19	cps
Cobalt	59-2	1813	1910	1833	1852	2.76	cps
Copper	63-2	3127	3134	3107	3123	0.44	cps
Dysprosium	156-1	7	20	0	9	114.55	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	10	7	13	10	33.30	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	3	0	0	1	173.21	cps
Gadolinium	160-2	93	97	80	90	9.80	cps
Holmium	165-1	2045311	2024322	2035065	2034899	0.52	cps
Holmium	165-2	1307331	1302987	1295036	1301785	0.48	cps
Indium	115-1	1392638	1386392	1374327	1384452	0.67	cps
Indium	115-2	469772	463597	464678	466016	0.71	cps
Iron	56-2	233315	231612	230201	231709	0.67	cps
Iron	57-2	6205	5881	6018	6035	2.69	cps
Iron	54-2	13056	13069	12722	12949	1.52	cps
Krypton	83-1	27	30	20	26	19.92	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BS	Instrumnet Name :	P7
Client Sample ID :	LCS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:44:14	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3634	3614	3587	3612	0.65	cps
Lead	207-1	3084	3394	3264	3247	4.80	cps
Lead	208-1	14603	14957	14693	14751	1.25	cps
Lithium	6-1	233871	231747	231966	232528	0.50	cps
Magnesium	24-2	62175	61412	60756	61448	1.16	cps
Manganese	55-2	1050	1100	1090	1080	2.45	cps
Molybdenum	94-1	7105	7012	6952	7023	1.10	cps
Molybdenum	95-1	8719	8646	8476	8614	1.45	cps
Molybdenum	96-1	9366	9527	9790	9561	2.24	cps
Molybdenum	97-1	5584	5634	5781	5667	1.80	cps
Molybdenum	98-1	14364	14137	14621	14374	1.68	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	523	500	600	541	9.67	cps
Phosphorus	31-2	37	50	33	40	22.05	cps
Potassium	39-2	91217	92629	90671	91506	1.10	cps
Rhodium	103-1	1182282	1168879	1162875	1171345	0.85	cps
Rhodium	103-2	661227	657196	651474	656632	0.75	cps
Scandium	45-1	608145	605821	603742	605902	0.36	cps
Scandium	45-2	53534	52554	52414	52834	1.16	cps
Selenium	82-1	269	252	273	265	4.22	cps
Selenium	77-2	40	37	33	37	9.10	cps
Selenium	78-2	177	133	120	143	20.67	cps
Silicon	28-1	74131	74577	72842	73850	1.22	cps
Silver	107-1	4821	4421	4521	4587	4.54	cps
Silver	109-1	4374	4387	4474	4412	1.23	cps
Sodium	23-2	98093	96553	96013	96887	1.11	cps
Strontium	86-1	1223	1163	1187	1191	2.54	cps
Strontium	88-1	9827	9877	9697	9800	0.95	cps
Sulfur	34-1	39701	40674	40323	40233	1.22	cps
Terbium	159-1	2082249	2044997	2048756	2058667	1.00	cps
Terbium	159-2	1289236	1289545	1269549	1282777	0.89	cps
Thallium	203-1	4464	4141	4247	4284	3.85	cps
Thallium	205-1	10311	10608	10494	10471	1.43	cps
Tin	118-1	317	387	313	339	12.22	cps
Titanium	47-1	1847	2097	2020	1988	6.44	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163936BS	Instrumnet Name :	P7
Client Sample ID :	LCS936	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:44:14	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14458	14715	15022	14732	1.92	cps
Vanadium	51-2	5434	5508	5024	5322	4.90	cps
Yttrium	89-1	2043526	2073354	2035435	2050772	0.97	cps
Yttrium	89-2	546100	542896	541286	543428	0.45	cps
Zinc	66-2	1207	1147	1140	1165	3.15	cps
Zirconium	90-1	5965	5965	6205	6045	2.29	cps
Zirconium	91-1	1390	1373	1367	1377	0.87	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BL	Instrumnet Name :	P7
Client Sample ID :	PBS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:47:45	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	113	113	116	3.33	cps
Antimony	121-1	23	43	27	31	34.44	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	27	7	27	20	57.73	cps
Barium	137-1	30	17	33	27	33.06	cps
Beryllium	9-1	33	27	43	34	24.35	cps
Bismuth	209-1	1220489	1182874	1239966	1214443	2.39	cps
Bismuth	209-2	943409	972156	964284	959950	1.55	cps
Bromine	81-1	3707	3794	3914	3805	2.73	cps
Bromine	81-2	7	17	10	11	45.82	cps
Cadmium	108-1	7	3	3	4	43.40	cps
Cadmium	106-1	710	680	630	673	6.00	cps
Cadmium	111-1	496	477	442	472	5.78	cps
Calcium	43-1	73	83	60	72	16.21	cps
Calcium	44-1	670	640	663	658	2.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77	80	87	81	6.28	cps
Cobalt	59-2	23	30	17	23	28.56	cps
Copper	63-2	407	420	390	406	3.71	cps
Dysprosium	156-1	10	10	7	9	21.63	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	7	3	17	9	78.08	cps
Erbium	164-2	7	0	20	9	114.55	cps
Gadolinium	160-1	7	3	3	4	43.40	cps
Gadolinium	160-2	67	113	103	94	26.01	cps
Holmium	165-1	1995025	1963270	1979009	1979102	0.80	cps
Holmium	165-2	1242506	1285743	1282113	1270121	1.89	cps
Indium	115-1	1370645	1330277	1376664	1359195	1.86	cps
Indium	115-2	446876	466235	461348	458153	2.20	cps
Iron	56-2	2644	2790	2707	2714	2.71	cps
Iron	57-2	187	230	180	199	13.65	cps
Iron	54-2	423	457	373	418	10.04	cps
Krypton	83-1	33	20	33	29	26.64	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BL	Instrumnet Name :	P7
Client Sample ID :	PBS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:47:45	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	80	117	100	99	18.57	cps
Lead	207-1	110	100	83	98	13.78	cps
Lead	208-1	387	437	407	410	6.14	cps
Lithium	6-1	228750	225502	231620	228624	1.34	cps
Magnesium	24-2	587	753	623	654	13.38	cps
Manganese	55-2	67	50	60	59	14.25	cps
Molybdenum	94-1	33	27	57	39	40.51	cps
Molybdenum	95-1	23	17	20	20	16.65	cps
Molybdenum	96-1	40	30	33	34	14.78	cps
Molybdenum	97-1	10	10	7	9	21.63	cps
Molybdenum	98-1	53	20	37	37	45.45	cps
Neodymium	150-1	3	0	0	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	57	37	42	29.89	cps
Phosphorus	31-2	53	37	43	44	18.87	cps
Potassium	39-2	14931	15248	14777	14985	1.60	cps
Rhodium	103-1	1154739	1129289	1164951	1149660	1.60	cps
Rhodium	103-2	628750	651333	648213	642766	1.90	cps
Scandium	45-1	594782	586278	600688	593916	1.22	cps
Scandium	45-2	51658	52430	53828	52639	2.09	cps
Selenium	82-1	4	27	1	11	133.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	40	47	27	38	26.95	cps
Silicon	28-1	57956	56594	58243	57598	1.53	cps
Silver	107-1	60	40	47	49	20.83	cps
Silver	109-1	30	43	10	28	60.40	cps
Sodium	23-2	3877	3697	3857	3811	2.59	cps
Strontium	86-1	50	57	63	57	11.76	cps
Strontium	88-1	43	30	40	38	18.36	cps
Sulfur	34-1	40480	40093	39966	40179	0.67	cps
Terbium	159-1	1996221	1945789	2028903	1990305	2.10	cps
Terbium	159-2	1224352	1267939	1266281	1252858	1.97	cps
Thallium	203-1	43	57	50	50	13.34	cps
Thallium	205-1	110	113	137	120	12.11	cps
Tin	118-1	407	397	463	422	8.52	cps
Titanium	47-1	43	30	33	36	19.51	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BL	Instrumnet Name :	P7
Client Sample ID :	PBS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:47:45	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	17	0	9	94.38	cps
Vanadium	51-2	3	3	7	4	43.40	cps
Yttrium	89-1	2039405	1970635	2040848	2016963	1.99	cps
Yttrium	89-2	518308	541570	535174	531684	2.26	cps
Zinc	66-2	23	63	60	49	45.40	cps
Zirconium	90-1	103	97	133	111	17.58	cps
Zirconium	91-1	17	33	30	27	33.06	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BS	Instrumnet Name :	P7
Client Sample ID :	LCS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:51:13	DataFile Name :	039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1577	1603	1503	1561	3.32	cps
Antimony	121-1	8052	7972	8206	8077	1.47	cps
Arsenic	75-2	140	183	153	159	13.97	cps
Barium	135-1	9877	10214	10571	10220	3.40	cps
Barium	137-1	18579	17728	17941	18083	2.45	cps
Beryllium	9-1	540	587	583	570	4.57	cps
Bismuth	209-1	1227088	1217960	1224788	1223279	0.39	cps
Bismuth	209-2	949380	955353	958017	954250	0.46	cps
Bromine	81-1	3797	3664	3717	3726	1.80	cps
Bromine	81-2	10	10	17	12	31.50	cps
Cadmium	108-1	93	127	103	108	15.87	cps
Cadmium	106-1	690	777	653	707	8.96	cps
Cadmium	111-1	1534	1542	1418	1498	4.62	cps
Calcium	43-1	3967	4054	4121	4047	1.90	cps
Calcium	44-1	64841	65869	67067	65926	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2734	2797	2667	2732	2.38	cps
Cobalt	59-2	1790	1940	1960	1897	4.90	cps
Copper	63-2	3200	3027	2914	3047	4.74	cps
Dysprosium	156-1	17	7	13	12	41.65	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	10	3	7	7	50.03	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	7	3	7	6	34.70	cps
Gadolinium	160-2	83	57	107	82	30.43	cps
Holmium	165-1	2012053	1964405	1996838	1991098	1.22	cps
Holmium	165-2	1259855	1271324	1273035	1268071	0.57	cps
Indium	115-1	1378313	1368353	1369538	1372068	0.40	cps
Indium	115-2	456944	459392	457269	457869	0.29	cps
Iron	56-2	232617	234811	232740	233389	0.53	cps
Iron	57-2	5741	6108	6011	5953	3.19	cps
Iron	54-2	13493	13199	13296	13329	1.12	cps
Krypton	83-1	30	30	40	33	17.32	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BS	Instrumnet Name :	P7
Client Sample ID :	LCS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:51:13	DataFile Name :	039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3667	3487	3587	3581	2.52	cps
Lead	207-1	3324	3184	3177	3228	2.57	cps
Lead	208-1	14743	14553	14340	14545	1.39	cps
Lithium	6-1	231778	232079	231758	231871	0.08	cps
Magnesium	24-2	62148	61783	61355	61762	0.64	cps
Manganese	55-2	1117	980	1143	1080	8.11	cps
Molybdenum	94-1	7455	7329	6908	7231	3.96	cps
Molybdenum	95-1	8796	8723	8736	8752	0.45	cps
Molybdenum	96-1	10080	9840	9930	9950	1.22	cps
Molybdenum	97-1	5611	5738	5568	5639	1.57	cps
Molybdenum	98-1	14330	14461	14704	14498	1.31	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	513	603	580	566	8.26	cps
Phosphorus	31-2	47	57	73	59	22.87	cps
Potassium	39-2	91358	92220	91891	91823	0.47	cps
Rhodium	103-1	1166331	1156465	1152077	1158291	0.63	cps
Rhodium	103-2	643808	645885	647568	645754	0.29	cps
Scandium	45-1	607102	602773	596114	601996	0.92	cps
Scandium	45-2	52654	52544	52567	52589	0.11	cps
Selenium	82-1	234	264	309	269	14.05	cps
Selenium	77-2	40	27	10	26	58.81	cps
Selenium	78-2	143	130	117	130	10.26	cps
Silicon	28-1	74456	74533	74494	74494	0.05	cps
Silver	107-1	4521	4634	4374	4510	2.89	cps
Silver	109-1	4177	4177	4487	4281	4.18	cps
Sodium	23-2	97094	97623	97036	97251	0.33	cps
Strontium	86-1	1117	1247	1223	1196	5.80	cps
Strontium	88-1	9376	9570	9990	9645	3.25	cps
Sulfur	34-1	39611	40330	40296	40079	1.01	cps
Terbium	159-1	2037842	2045170	2076956	2053323	1.01	cps
Terbium	159-2	1250828	1252442	1259050	1254107	0.35	cps
Thallium	203-1	4177	3947	4284	4136	4.16	cps
Thallium	205-1	9767	10261	10341	10123	3.07	cps
Tin	118-1	443	433	470	449	4.22	cps
Titanium	47-1	1990	2027	2107	2041	2.92	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BS	Instrumnet Name :	P7
Client Sample ID :	LCS938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:51:13	DataFile Name :	039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14591	14461	14725	14593	0.90	cps
Vanadium	51-2	5231	5591	5481	5434	3.40	cps
Yttrium	89-1	2052096	2050675	2048705	2050492	0.08	cps
Yttrium	89-2	531056	533002	533571	532543	0.25	cps
Zinc	66-2	1147	1043	1223	1138	7.94	cps
Zirconium	90-1	6171	6275	6228	6225	0.83	cps
Zirconium	91-1	1213	1450	1283	1316	9.24	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:54:45	DataFile Name :	040LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	943	873	923	913	3.95	cps
Antimony	121-1	4051	4374	4057	4161	4.44	cps
Arsenic	75-2	93	97	113	101	10.60	cps
Barium	135-1	5071	5204	5258	5178	1.86	cps
Barium	137-1	9233	9236	9647	9372	2.54	cps
Beryllium	9-1	340	330	337	336	1.52	cps
Bismuth	209-1	1253871	1256409	1247776	1252685	0.35	cps
Bismuth	209-2	1001919	1010272	1003485	1005225	0.44	cps
Bromine	81-1	3564	3627	3784	3658	3.10	cps
Bromine	81-2	13	13	37	21	63.83	cps
Cadmium	108-1	50	23	33	36	37.90	cps
Cadmium	106-1	693	730	683	702	3.50	cps
Cadmium	111-1	977	1011	1042	1010	3.20	cps
Calcium	43-1	2157	2164	2327	2216	4.35	cps
Calcium	44-1	35071	35004	34670	34915	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1303	1383	1397	1361	3.71	cps
Cobalt	59-2	963	1040	963	989	4.48	cps
Copper	63-2	1830	1787	1647	1755	5.46	cps
Dysprosium	156-1	10	13	13	12	15.73	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	3	10	17	10	66.70	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	3	0	7	3	100.05	cps
Gadolinium	160-2	97	103	63	88	24.42	cps
Holmium	165-1	2021404	2067936	2020906	2036749	1.33	cps
Holmium	165-2	1325392	1336490	1317381	1326421	0.72	cps
Indium	115-1	1386460	1401948	1404463	1397624	0.70	cps
Indium	115-2	479330	479115	474549	477665	0.57	cps
Iron	56-2	123975	124524	124157	124219	0.22	cps
Iron	57-2	3364	3457	3400	3407	1.38	cps
Iron	54-2	7282	6742	7402	7142	4.93	cps
Krypton	83-1	20	30	37	29	29.04	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:54:45	DataFile Name :	040LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1964	1970	1994	1976	0.80	cps
Lead	207-1	1777	1690	1750	1739	2.55	cps
Lead	208-1	7894	7601	8024	7840	2.77	cps
Lithium	6-1	236656	238251	236209	237038	0.45	cps
Magnesium	24-2	32725	33440	32347	32837	1.69	cps
Manganese	55-2	633	590	630	618	3.90	cps
Molybdenum	94-1	3661	3897	4067	3875	5.27	cps
Molybdenum	95-1	4624	4471	4611	4569	1.86	cps
Molybdenum	96-1	5044	5231	5048	5108	2.09	cps
Molybdenum	97-1	2854	2924	2797	2858	2.22	cps
Molybdenum	98-1	7725	7592	7909	7742	2.05	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	337	273	340	317	11.86	cps
Phosphorus	31-2	43	47	40	43	7.70	cps
Potassium	39-2	55571	55467	55909	55649	0.42	cps
Rhodium	103-1	1184044	1187531	1189309	1186961	0.23	cps
Rhodium	103-2	674145	677130	670738	674004	0.47	cps
Scandium	45-1	618960	627630	620837	622476	0.73	cps
Scandium	45-2	54414	54518	55418	54783	1.01	cps
Selenium	82-1	142	179	137	153	15.13	cps
Selenium	77-2	17	13	7	12	41.65	cps
Selenium	78-2	107	90	80	92	14.61	cps
Silicon	28-1	67149	67739	68857	67915	1.28	cps
Silver	107-1	2417	2154	2150	2240	6.83	cps
Silver	109-1	2170	2264	2284	2239	2.70	cps
Sodium	23-2	53586	53700	52389	53225	1.36	cps
Strontium	86-1	600	603	597	600	0.56	cps
Strontium	88-1	5024	4914	5241	5060	3.29	cps
Sulfur	34-1	40935	41536	40557	41009	1.20	cps
Terbium	159-1	2103138	2075289	2108838	2095755	0.86	cps
Terbium	159-2	1309780	1311351	1303427	1308186	0.32	cps
Thallium	203-1	2457	2360	2357	2391	2.38	cps
Thallium	205-1	5261	5351	5665	5426	3.90	cps
Tin	118-1	323	307	287	306	6.01	cps
Titanium	47-1	1063	927	1043	1011	7.30	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	PB163938BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD938	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:54:45	DataFile Name :	040LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7305	7462	7609	7459	2.03	cps
Vanadium	51-2	2920	2817	2724	2820	3.49	cps
Yttrium	89-1	2101461	2085010	2091384	2092618	0.40	cps
Yttrium	89-2	559525	558116	553953	557198	0.52	cps
Zinc	66-2	643	593	590	609	4.91	cps
Zirconium	90-1	3014	3234	3350	3199	5.34	cps
Zirconium	91-1	697	713	690	700	1.72	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Q1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:58:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2261514	2289390	2258395	2269766	0.75	cps
Antimony	121-1	17424	17788	18499	17903	3.05	cps
Arsenic	75-2	15678	15378	15905	15654	1.69	cps
Barium	135-1	414118	429504	438463	427362	2.88	cps
Barium	137-1	725967	753072	771195	750078	3.03	cps
Beryllium	9-1	517	463	510	497	5.85	cps
Bismuth	209-1	1238399	1269202	1296303	1267968	2.28	cps
Bismuth	209-2	1040367	1031382	1036404	1036051	0.43	cps
Bromine	81-1	4437	4564	4741	4581	3.33	cps
Bromine	81-2	197	220	233	217	8.57	cps
Cadmium	108-1	90	103	120	104	14.39	cps
Cadmium	106-1	953	910	970	944	3.28	cps
Cadmium	111-1	911	848	912	890	4.11	cps
Calcium	43-1	268648	278885	285634	277722	3.08	cps
Calcium	44-1	4041567	4250846	4292059	4194824	3.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75310	75625	74627	75187	0.68	cps
Cobalt	59-2	59293	59718	60518	59843	1.04	cps
Copper	63-2	105327	104964	105240	105177	0.18	cps
Dysprosium	156-1	25062	26128	26779	25990	3.33	cps
Dysprosium	156-2	22845	21707	22728	22427	2.79	cps
Erbium	164-1	17518	17918	18365	17934	2.36	cps
Erbium	164-2	12749	12839	12696	12761	0.57	cps
Gadolinium	160-1	20702	22391	22785	21959	5.04	cps
Gadolinium	160-2	16156	16436	16236	16276	0.89	cps
Holmium	165-1	2041851	2161461	2237144	2146819	4.59	cps
Holmium	165-2	1443484	1433931	1442856	1440091	0.37	cps
Indium	115-1	1378331	1413194	1446146	1412557	2.40	cps
Indium	115-2	493284	495905	493038	494076	0.32	cps
Iron	56-2	60910112	61752221	61863124	61508486	0.85	cps
Iron	57-2	1528282	1527164	1537234	1530893	0.36	cps
Iron	54-2	3320344	3356581	3401018	3359314	1.20	cps
Krypton	83-1	33	47	47	42	18.24	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Q1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:58:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	66191	69343	69701	68412	2.82	cps
Lead	207-1	56942	59336	61207	59162	3.61	cps
Lead	208-1	263534	274150	279453	272379	2.98	cps
Lithium	6-1	234067	241901	244907	240292	2.33	cps
Magnesium	24-2	1925508	1972927	1950519	1949651	1.22	cps
Manganese	55-2	1243559	1241244	1244636	1243147	0.14	cps
Molybdenum	94-1	30318	32085	32630	31678	3.81	cps
Molybdenum	95-1	1040	1040	1067	1049	1.47	cps
Molybdenum	96-1	7195	6888	7245	7110	2.72	cps
Molybdenum	97-1	547	657	647	617	9.86	cps
Molybdenum	98-1	1697	1740	1803	1747	3.07	cps
Neodymium	150-1	48045	48667	50942	49218	3.10	cps
Neodymium	150-2	29374	29948	30082	29801	1.26	cps
Nickel	60-2	37804	37998	37674	37825	0.43	cps
Phosphorus	31-2	7555	7592	7719	7622	1.12	cps
Potassium	39-2	686416	685032	686752	686067	0.13	cps
Rhodium	103-1	1147600	1171179	1200695	1173158	2.27	cps
Rhodium	103-2	692884	694999	699955	695946	0.52	cps
Scandium	45-1	666878	685467	706044	686130	2.86	cps
Scandium	45-2	63412	63807	63824	63681	0.37	cps
Selenium	82-1	77	60	41	59	30.47	cps
Selenium	77-2	57	23	53	44	41.31	cps
Selenium	78-2	87	67	107	87	23.08	cps
Silicon	28-1	4727354	4907509	4918895	4851253	2.21	cps
Silver	107-1	1053	777	847	892	16.12	cps
Silver	109-1	837	847	807	830	2.51	cps
Sodium	23-2	39267	41613	43765	41548	5.42	cps
Strontium	86-1	143948	150250	152086	148761	2.87	cps
Strontium	88-1	1265653	1320450	1348760	1311621	3.22	cps
Sulfur	34-1	42188	42415	41747	42117	0.81	cps
Terbium	159-1	2118677	2196663	2214582	2176641	2.34	cps
Terbium	159-2	1417433	1423510	1408123	1416355	0.55	cps
Thallium	203-1	1240	1237	1517	1331	12.07	cps
Thallium	205-1	2764	3254	3447	3155	11.17	cps
Tin	118-1	6825	7382	7165	7124	3.94	cps
Titanium	47-1	243651	254153	258800	252201	3.08	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-01	Instrumnet Name :	P7
Client Sample ID :	MYD9Q1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 18:58:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9884	10387	10658	10310	3.81	cps
Vanadium	51-2	126807	126296	128077	127060	0.72	cps
Yttrium	89-1	2255952	2359943	2375658	2330518	2.79	cps
Yttrium	89-2	640204	638087	642728	640339	0.36	cps
Zinc	66-2	31443	31597	31002	31347	0.98	cps
Zirconium	90-1	79068	83479	85195	82580	3.83	cps
Zirconium	91-1	17764	18051	19009	18275	3.57	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-02	Instrumnet Name :	P7
Client Sample ID :	MYD9Q2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:01:39	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2226407	2192907	2290820	2236711	2.22	cps
Antimony	121-1	4641	4988	4911	4846	3.76	cps
Arsenic	75-2	11398	11348	11238	11328	0.72	cps
Barium	135-1	602257	631159	611108	614841	2.41	cps
Barium	137-1	1048084	1100193	1077357	1075211	2.43	cps
Beryllium	9-1	497	553	483	511	7.27	cps
Bismuth	209-1	1300343	1352326	1317032	1323234	2.01	cps
Bismuth	209-2	1027637	1043496	1028332	1033155	0.87	cps
Bromine	81-1	4521	4724	4447	4564	3.14	cps
Bromine	81-2	170	130	157	152	13.38	cps
Cadmium	108-1	133	153	123	137	11.18	cps
Cadmium	106-1	1097	1003	1033	1044	4.56	cps
Cadmium	111-1	974	925	1020	973	4.90	cps
Calcium	43-1	440746	461101	449328	450392	2.27	cps
Calcium	44-1	6713543	6988269	6885946	6862586	2.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75484	74781	74720	74995	0.57	cps
Cobalt	59-2	53020	53686	54288	53664	1.18	cps
Copper	63-2	102125	102793	102356	102425	0.33	cps
Dysprosium	156-1	26732	27945	27747	27475	2.37	cps
Dysprosium	156-2	21667	21613	22355	21878	1.89	cps
Erbium	164-1	18356	19811	19237	19134	3.83	cps
Erbium	164-2	12990	13030	12633	12884	1.70	cps
Gadolinium	160-1	22278	23570	23476	23108	3.12	cps
Gadolinium	160-2	15672	16296	16029	15999	1.96	cps
Holmium	165-1	2186300	2291964	2198939	2225734	2.59	cps
Holmium	165-2	1420748	1440361	1417866	1426325	0.86	cps
Indium	115-1	1425244	1488697	1445187	1453043	2.23	cps
Indium	115-2	482944	486347	484803	484698	0.35	cps
Iron	56-2	59613641	60092164	60595569	60100458	0.82	cps
Iron	57-2	1494852	1499666	1504642	1499720	0.33	cps
Iron	54-2	3338812	3332590	3322504	3331302	0.25	cps
Krypton	83-1	77	67	43	62	27.50	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-02	Instrumnet Name :	P7
Client Sample ID :	MYD9Q2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:01:39	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	63183	65745	64613	64514	1.99	cps
Lead	207-1	52989	57360	54770	55040	3.99	cps
Lead	208-1	246031	261550	252825	253469	3.07	cps
Lithium	6-1	236602	239377	234903	236961	0.95	cps
Magnesium	24-2	1890841	1884152	1895174	1890056	0.29	cps
Manganese	55-2	1186371	1179018	1189508	1184966	0.45	cps
Molybdenum	94-1	34514	36158	35871	35514	2.47	cps
Molybdenum	95-1	1153	1093	1180	1142	3.89	cps
Molybdenum	96-1	7442	8296	7859	7866	5.43	cps
Molybdenum	97-1	693	680	707	693	1.92	cps
Molybdenum	98-1	1663	1733	1753	1717	2.75	cps
Neodymium	150-1	50610	53243	52367	52073	2.57	cps
Neodymium	150-2	29444	29882	29197	29508	1.18	cps
Nickel	60-2	37821	37229	37326	37459	0.85	cps
Phosphorus	31-2	6712	7068	6862	6880	2.60	cps
Potassium	39-2	661668	656627	658680	658992	0.38	cps
Rhodium	103-1	1182569	1229628	1193717	1201971	2.05	cps
Rhodium	103-2	678465	685882	678352	680900	0.63	cps
Scandium	45-1	686438	709711	690526	695558	1.79	cps
Scandium	45-2	60768	62311	60751	61276	1.46	cps
Selenium	82-1	32	24	58	38	46.37	cps
Selenium	77-2	47	27	57	43	35.25	cps
Selenium	78-2	70	107	93	90	20.62	cps
Silicon	28-1	4449128	4610126	4549012	4536089	1.79	cps
Silver	107-1	567	637	673	626	8.66	cps
Silver	109-1	617	710	600	642	9.23	cps
Sodium	23-2	39698	40466	40891	40352	1.50	cps
Strontium	86-1	168138	174585	170386	171036	1.91	cps
Strontium	88-1	1486585	1546343	1505102	1512677	2.02	cps
Sulfur	34-1	42492	44224	42188	42968	2.56	cps
Terbium	159-1	2230595	2335772	2281912	2282760	2.30	cps
Terbium	159-2	1406471	1403768	1413213	1407817	0.35	cps
Thallium	203-1	1293	1487	1483	1421	7.79	cps
Thallium	205-1	3054	3540	3504	3366	8.05	cps
Tin	118-1	5805	6225	5905	5978	3.67	cps
Titanium	47-1	240336	250649	245669	245551	2.10	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-02	Instrumnet Name :	P7
Client Sample ID :	MYD9Q2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:01:39	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11585	12483	11608	11892	4.30	cps
Vanadium	51-2	124632	126095	125798	125508	0.62	cps
Yttrium	89-1	2318911	2430139	2372870	2373973	2.34	cps
Yttrium	89-2	623448	625187	621008	623214	0.34	cps
Zinc	66-2	73975	73768	73714	73819	0.19	cps
Zirconium	90-1	91580	95521	92257	93119	2.26	cps
Zirconium	91-1	20571	21352	20534	20819	2.22	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-03	Instrumnet Name :	P7
Client Sample ID :	MYD9Q3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:05:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1500961	1507378	1486108	1498149	0.73	cps
Antimony	121-1	1443	1513	1420	1459	3.33	cps
Arsenic	75-2	3444	3530	3427	3467	1.60	cps
Barium	135-1	179121	183874	187203	183399	2.21	cps
Barium	137-1	316446	324645	326663	322585	1.68	cps
Beryllium	9-1	317	297	303	306	3.33	cps
Bismuth	209-1	1343297	1353703	1371732	1356244	1.06	cps
Bismuth	209-2	1067426	1059303	1069436	1065388	0.50	cps
Bromine	81-1	4417	4521	4474	4471	1.16	cps
Bromine	81-2	120	103	167	130	25.26	cps
Cadmium	108-1	23	33	30	29	17.63	cps
Cadmium	106-1	830	860	703	798	10.42	cps
Cadmium	111-1	771	869	755	798	7.71	cps
Calcium	43-1	153248	157561	156850	155886	1.48	cps
Calcium	44-1	2359807	2406801	2416986	2394532	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42868	42770	42907	42848	0.16	cps
Cobalt	59-2	38656	38863	38767	38762	0.27	cps
Copper	63-2	74531	75536	74363	74810	0.85	cps
Dysprosium	156-1	16827	17231	17277	17112	1.45	cps
Dysprosium	156-2	13580	13683	13870	13711	1.07	cps
Erbium	164-1	13587	13994	14267	13949	2.46	cps
Erbium	164-2	8873	8790	9246	8970	2.71	cps
Gadolinium	160-1	14488	15055	15292	14945	2.77	cps
Gadolinium	160-2	10404	10341	10624	10456	1.42	cps
Holmium	165-1	2228850	2262511	2306276	2265879	1.71	cps
Holmium	165-2	1461890	1446218	1463463	1457190	0.65	cps
Indium	115-1	1473248	1490254	1501873	1488458	0.97	cps
Indium	115-2	502662	497937	499026	499875	0.50	cps
Iron	56-2	46575723	46358899	45905274	46279965	0.74	cps
Iron	57-2	1231092	1231249	1227230	1229857	0.19	cps
Iron	54-2	2548999	2531002	2546443	2542148	0.38	cps
Krypton	83-1	57	27	7	30	83.88	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-03	Instrumnet Name :	P7
Client Sample ID :	MYD9Q3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:05:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	55503	55804	56336	55881	0.76	cps
Lead	207-1	43048	43830	44891	43923	2.11	cps
Lead	208-1	203107	207839	211668	207538	2.07	cps
Lithium	6-1	231542	237095	236944	235194	1.35	cps
Magnesium	24-2	1153755	1152263	1192052	1166023	1.93	cps
Manganese	55-2	895878	896137	898346	896787	0.15	cps
Molybdenum	94-1	3050	3114	3214	3126	2.64	cps
Molybdenum	95-1	1093	1220	1233	1182	6.54	cps
Molybdenum	96-1	2300	2394	2397	2364	2.32	cps
Molybdenum	97-1	763	713	743	740	3.40	cps
Molybdenum	98-1	1797	1823	1980	1867	5.31	cps
Neodymium	150-1	28412	28519	29103	28678	1.30	cps
Neodymium	150-2	16667	16446	15829	16314	2.66	cps
Nickel	60-2	13530	13183	13519	13411	1.47	cps
Phosphorus	31-2	9460	9099	9390	9316	2.05	cps
Potassium	39-2	560802	557939	561223	559988	0.32	cps
Rhodium	103-1	1216987	1235836	1253339	1235387	1.47	cps
Rhodium	103-2	715831	712459	714542	714277	0.24	cps
Scandium	45-1	663207	673514	675463	670728	0.98	cps
Scandium	45-2	59265	59684	59891	59613	0.53	cps
Selenium	82-1	38	53	73	55	32.35	cps
Selenium	77-2	23	20	27	23	14.29	cps
Selenium	78-2	90	63	67	73	19.81	cps
Silicon	28-1	4301263	4475232	4430690	4402395	2.05	cps
Silver	107-1	420	497	543	487	12.80	cps
Silver	109-1	427	463	440	443	4.19	cps
Sodium	23-2	54479	54406	54282	54389	0.18	cps
Strontium	86-1	56889	58090	58399	57793	1.38	cps
Strontium	88-1	499295	516425	516360	510693	1.93	cps
Sulfur	34-1	44160	44712	44113	44329	0.75	cps
Terbium	159-1	2273785	2334462	2337129	2315125	1.55	cps
Terbium	159-2	1436914	1424453	1438545	1433304	0.54	cps
Thallium	203-1	720	903	837	820	11.32	cps
Thallium	205-1	1803	2010	2074	1962	7.20	cps
Tin	118-1	11742	12235	12576	12184	3.44	cps
Titanium	47-1	218511	224869	224257	222545	1.58	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-03	Instrumnet Name :	P7
Client Sample ID :	MYD9Q3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:05:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14071	14788	15145	14668	3.73	cps
Vanadium	51-2	96630	96747	97344	96907	0.40	cps
Yttrium	89-1	2341163	2427938	2384004	2384369	1.82	cps
Yttrium	89-2	637614	626128	633823	632522	0.93	cps
Zinc	66-2	43399	43403	43620	43474	0.29	cps
Zirconium	90-1	6421	6858	6852	6710	3.73	cps
Zirconium	91-1	1387	1490	1683	1520	9.91	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-04	Instrumnet Name :	P7
Client Sample ID :	MYD9Q4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:08:30	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2218086	2173869	2125647	2172534	2.13	cps
Antimony	121-1	3567	3907	3677	3717	4.67	cps
Arsenic	75-2	13089	12612	12582	12761	2.23	cps
Barium	135-1	544952	555455	556810	552405	1.17	cps
Barium	137-1	958095	975866	983404	972455	1.34	cps
Beryllium	9-1	510	430	453	464	8.86	cps
Bismuth	209-1	1332156	1325987	1340987	1333044	0.57	cps
Bismuth	209-2	1017734	1012155	1027616	1019168	0.77	cps
Bromine	81-1	4881	4531	4701	4704	3.72	cps
Bromine	81-2	180	167	173	173	3.85	cps
Cadmium	108-1	97	130	163	130	25.64	cps
Cadmium	106-1	1053	1047	947	1016	5.88	cps
Cadmium	111-1	980	1032	922	978	5.63	cps
Calcium	43-1	568910	574626	579910	574482	0.96	cps
Calcium	44-1	8645971	8835745	8817212	8766309	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73304	73642	74030	73659	0.49	cps
Cobalt	59-2	56138	56523	55910	56190	0.55	cps
Copper	63-2	105998	104793	106566	105786	0.86	cps
Dysprosium	156-1	26806	28175	28462	27814	3.18	cps
Dysprosium	156-2	21760	21911	22077	21916	0.72	cps
Erbium	164-1	19814	19440	19674	19643	0.96	cps
Erbium	164-2	12516	12446	12703	12555	1.06	cps
Gadolinium	160-1	23687	23653	24178	23839	1.23	cps
Gadolinium	160-2	15749	15529	16340	15872	2.64	cps
Holmium	165-1	2269865	2254124	2298585	2274191	0.99	cps
Holmium	165-2	1406885	1397763	1421284	1408644	0.84	cps
Indium	115-1	1459496	1448908	1460690	1456365	0.45	cps
Indium	115-2	480625	471417	478633	476892	1.02	cps
Iron	56-2	57728797	58786474	58131056	58215442	0.92	cps
Iron	57-2	1455580	1457544	1465728	1459617	0.37	cps
Iron	54-2	3232215	3169233	3188356	3196601	1.01	cps
Krypton	83-1	43	40	37	40	8.32	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-04	Instrumnet Name :	P7
Client Sample ID :	MYD9Q4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:08:30	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67162	67782	68612	67852	1.07	cps
Lead	207-1	57859	58328	58699	58295	0.72	cps
Lead	208-1	266174	266592	270401	267722	0.87	cps
Lithium	6-1	231770	226971	230249	229663	1.07	cps
Magnesium	24-2	1919613	1946654	1941774	1936013	0.74	cps
Manganese	55-2	1158237	1155145	1158482	1157288	0.16	cps
Molybdenum	94-1	28408	28795	28725	28642	0.72	cps
Molybdenum	95-1	1003	980	977	987	1.47	cps
Molybdenum	96-1	6552	6715	6542	6603	1.47	cps
Molybdenum	97-1	553	597	743	631	15.78	cps
Molybdenum	98-1	1593	1607	1580	1593	0.84	cps
Neodymium	150-1	51326	52952	53089	52456	1.87	cps
Neodymium	150-2	29174	29631	29050	29285	1.05	cps
Nickel	60-2	37905	37564	38145	37871	0.77	cps
Phosphorus	31-2	7322	7068	7085	7158	1.98	cps
Potassium	39-2	620189	612729	615870	616263	0.61	cps
Rhodium	103-1	1190973	1180743	1190048	1187255	0.48	cps
Rhodium	103-2	670398	665643	676612	670884	0.82	cps
Scandium	45-1	674497	674584	675862	674981	0.11	cps
Scandium	45-2	59744	58961	60423	59709	1.23	cps
Selenium	82-1	66	74	65	68	6.97	cps
Selenium	77-2	47	50	37	44	15.61	cps
Selenium	78-2	67	73	73	71	5.41	cps
Silicon	28-1	4345232	4387894	4339993	4357706	0.60	cps
Silver	107-1	640	763	770	724	10.11	cps
Silver	109-1	547	677	590	604	10.95	cps
Sodium	23-2	38391	37886	38983	38420	1.43	cps
Strontium	86-1	154605	157491	159274	157123	1.50	cps
Strontium	88-1	1371395	1389142	1397811	1386116	0.97	cps
Sulfur	34-1	42536	42054	42205	42265	0.58	cps
Terbium	159-1	2312678	2317495	2336943	2322372	0.55	cps
Terbium	159-2	1386882	1391981	1389014	1389292	0.18	cps
Thallium	203-1	1100	1307	1310	1239	9.71	cps
Thallium	205-1	2970	3084	3174	3076	3.31	cps
Tin	118-1	16733	16977	17658	17123	2.80	cps
Titanium	47-1	243231	246770	245686	245229	0.74	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-04	Instrumnet Name :	P7
Client Sample ID :	MYD9Q4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:08:30	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11869	12129	12062	12020	1.12	cps
Vanadium	51-2	124686	124138	123194	124006	0.61	cps
Yttrium	89-1	2370017	2340282	2402898	2371066	1.32	cps
Yttrium	89-2	616420	607727	618429	614192	0.93	cps
Zinc	66-2	36398	36381	36926	36568	0.85	cps
Zirconium	90-1	73148	75154	75610	74637	1.76	cps
Zirconium	91-1	16593	16937	17000	16843	1.30	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-05	Instrumnet Name :	P7
Client Sample ID :	MYD9Q5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:11:53	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2153591	2125211	2098044	2125615	1.31	cps
Antimony	121-1	8826	8936	8786	8849	0.88	cps
Arsenic	75-2	15108	15295	14904	15102	1.29	cps
Barium	135-1	556699	569694	576750	567715	1.79	cps
Barium	137-1	980792	994878	1009712	995127	1.45	cps
Beryllium	9-1	490	523	470	494	5.45	cps
Bismuth	209-1	1280350	1317222	1332054	1309875	2.03	cps
Bismuth	209-2	1016636	1021806	1023271	1020571	0.34	cps
Bromine	81-1	4384	4381	4377	4381	0.08	cps
Bromine	81-2	153	137	123	138	10.91	cps
Cadmium	108-1	110	137	120	122	11.02	cps
Cadmium	106-1	1000	1047	1050	1032	2.71	cps
Cadmium	111-1	960	990	1024	991	3.26	cps
Calcium	43-1	517619	523763	532525	524636	1.43	cps
Calcium	44-1	7811190	7967734	8163263	7980729	2.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76114	75407	75712	75744	0.47	cps
Cobalt	59-2	61756	61382	61743	61627	0.34	cps
Copper	63-2	112052	112243	111690	111995	0.25	cps
Dysprosium	156-1	26465	27417	27544	27142	2.17	cps
Dysprosium	156-2	22041	22138	21730	21969	0.97	cps
Erbium	164-1	18990	19147	19601	19246	1.65	cps
Erbium	164-2	13180	12656	12749	12862	2.17	cps
Gadolinium	160-1	22852	23176	23777	23268	2.02	cps
Gadolinium	160-2	16043	16313	15575	15977	2.34	cps
Holmium	165-1	2208889	2244203	2245709	2232934	0.93	cps
Holmium	165-2	1403502	1412809	1405517	1407276	0.35	cps
Indium	115-1	1417724	1440893	1451559	1436726	1.20	cps
Indium	115-2	477346	475522	473076	475314	0.45	cps
Iron	56-2	63706061	63272242	63204909	63394404	0.43	cps
Iron	57-2	1589805	1621335	1607746	1606296	0.98	cps
Iron	54-2	3500937	3408336	3459908	3456394	1.34	cps
Krypton	83-1	57	33	53	48	26.42	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-05	Instrumnet Name :	P7
Client Sample ID :	MYD9Q5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:11:53	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	69624	71042	73407	71358	2.68	cps
Lead	207-1	60243	62553	62047	61614	1.97	cps
Lead	208-1	274321	282439	287217	281326	2.32	cps
Lithium	6-1	221042	225868	227161	224690	1.44	cps
Magnesium	24-2	1967253	1947929	1905129	1940104	1.64	cps
Manganese	55-2	1384244	1375103	1372721	1377356	0.44	cps
Molybdenum	94-1	29717	30305	31076	30366	2.25	cps
Molybdenum	95-1	1213	1297	1337	1282	4.91	cps
Molybdenum	96-1	7085	7552	7555	7397	3.66	cps
Molybdenum	97-1	763	753	837	784	5.80	cps
Molybdenum	98-1	1863	1990	2027	1960	4.37	cps
Neodymium	150-1	50527	50694	52273	51165	1.88	cps
Neodymium	150-2	29154	28830	28769	28917	0.71	cps
Nickel	60-2	40541	39803	40364	40236	0.96	cps
Phosphorus	31-2	7292	7292	6962	7182	2.65	cps
Potassium	39-2	595879	595910	593948	595246	0.19	cps
Rhodium	103-1	1154523	1183865	1186924	1175104	1.52	cps
Rhodium	103-2	674156	673592	671775	673174	0.18	cps
Scandium	45-1	660140	670228	674935	668434	1.13	cps
Scandium	45-2	60112	59312	60049	59824	0.74	cps
Selenium	82-1	56	72	61	63	13.11	cps
Selenium	77-2	63	30	37	43	40.70	cps
Selenium	78-2	120	47	90	86	43.09	cps
Silicon	28-1	4134013	4249135	4289464	4224204	1.91	cps
Silver	107-1	630	663	807	700	13.41	cps
Silver	109-1	543	650	590	594	9.00	cps
Sodium	23-2	34111	34081	33947	34046	0.26	cps
Strontium	86-1	149355	153409	153894	152219	1.64	cps
Strontium	88-1	1316103	1354251	1367684	1346013	1.99	cps
Sulfur	34-1	41777	42078	41463	41773	0.74	cps
Terbium	159-1	2254085	2312571	2312717	2293124	1.47	cps
Terbium	159-2	1384810	1377683	1384751	1382415	0.30	cps
Thallium	203-1	1137	1237	1230	1201	4.65	cps
Thallium	205-1	2810	2784	2797	2797	0.48	cps
Tin	118-1	6285	6715	6695	6565	3.70	cps
Titanium	47-1	233335	237982	244294	238537	2.31	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-05	Instrumnet Name :	P7
Client Sample ID :	MYD9Q5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:11:53	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11465	11689	12423	11859	4.22	cps
Vanadium	51-2	137069	135771	136157	136332	0.49	cps
Yttrium	89-1	2279068	2400323	2319660	2333017	2.65	cps
Yttrium	89-2	613977	616078	613770	614608	0.21	cps
Zinc	66-2	40726	40973	41310	41003	0.72	cps
Zirconium	90-1	76994	78532	79504	78343	1.62	cps
Zirconium	91-1	17337	18515	18345	18066	3.52	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-06	Instrumnet Name :	P7
Client Sample ID :	MYD9Q6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:15:19	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1360595	1384706	1359898	1368400	1.03	cps
Antimony	121-1	2967	3144	3307	3139	5.42	cps
Arsenic	75-2	15678	15158	15231	15356	1.83	cps
Barium	135-1	184410	190168	190350	188309	1.79	cps
Barium	137-1	322316	331951	336999	330422	2.26	cps
Beryllium	9-1	420	373	370	388	7.21	cps
Bismuth	209-1	1337616	1377711	1386665	1367331	1.91	cps
Bismuth	209-2	1056071	1075219	1061072	1064121	0.93	cps
Bromine	81-1	4481	4891	4771	4714	4.47	cps
Bromine	81-2	223	197	157	192	17.46	cps
Cadmium	108-1	47	100	67	71	37.88	cps
Cadmium	106-1	847	833	737	806	7.45	cps
Cadmium	111-1	743	747	656	715	7.22	cps
Calcium	43-1	59807	62150	62344	61434	2.30	cps
Calcium	44-1	979862	1006480	1012737	999693	1.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61170	60779	61183	61044	0.38	cps
Cobalt	59-2	53438	53167	53374	53327	0.27	cps
Copper	63-2	82794	83806	85130	83910	1.40	cps
Dysprosium	156-1	19193	20141	20081	19805	2.68	cps
Dysprosium	156-2	15889	16049	15866	15935	0.63	cps
Erbium	164-1	15058	15409	15529	15332	1.59	cps
Erbium	164-2	10327	10007	10234	10189	1.62	cps
Gadolinium	160-1	16780	17104	16890	16925	0.97	cps
Gadolinium	160-2	12079	11588	11878	11848	2.08	cps
Holmium	165-1	2252832	2338778	2301667	2297759	1.88	cps
Holmium	165-2	1453794	1475377	1441490	1456887	1.18	cps
Indium	115-1	1466630	1501406	1502788	1490275	1.37	cps
Indium	115-2	499840	507242	492986	500023	1.43	cps
Iron	56-2	60904787	61471872	61352622	61243094	0.49	cps
Iron	57-2	1521320	1500562	1535629	1519171	1.16	cps
Iron	54-2	3382687	3386140	3350055	3372960	0.59	cps
Krypton	83-1	63	63	40	56	24.25	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-06	Instrumnet Name :	P7
Client Sample ID :	MYD9Q6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:15:19	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67762	68806	70103	68890	1.70	cps
Lead	207-1	54295	56691	57173	56053	2.75	cps
Lead	208-1	256226	262262	264994	261161	1.72	cps
Lithium	6-1	223062	232233	233175	229490	2.43	cps
Magnesium	24-2	1106516	1114907	1110172	1110532	0.38	cps
Manganese	55-2	1334598	1340471	1342368	1339146	0.30	cps
Molybdenum	94-1	12342	12736	13203	12760	3.38	cps
Molybdenum	95-1	1130	1137	1150	1139	0.89	cps
Molybdenum	96-1	4027	4261	4271	4186	3.29	cps
Molybdenum	97-1	717	693	707	706	1.66	cps
Molybdenum	98-1	1560	1660	1890	1703	9.93	cps
Neodymium	150-1	32461	33025	33653	33046	1.81	cps
Neodymium	150-2	18476	18946	18409	18610	1.57	cps
Nickel	60-2	19189	19229	19373	19264	0.50	cps
Phosphorus	31-2	4371	4344	4334	4350	0.44	cps
Potassium	39-2	627702	628462	633190	629785	0.47	cps
Rhodium	103-1	1216127	1249684	1248169	1237993	1.53	cps
Rhodium	103-2	711899	721410	704882	712730	1.16	cps
Scandium	45-1	662751	680745	684728	676075	1.73	cps
Scandium	45-2	60828	61688	60604	61040	0.94	cps
Selenium	82-1	18	28	37	27	35.99	cps
Selenium	77-2	17	40	27	28	42.13	cps
Selenium	78-2	83	63	90	79	17.59	cps
Silicon	28-1	4141146	4317222	4321781	4260049	2.42	cps
Silver	107-1	320	333	320	324	2.37	cps
Silver	109-1	307	400	353	353	13.21	cps
Sodium	23-2	34976	35781	36116	35624	1.64	cps
Strontium	86-1	42775	43758	43909	43481	1.42	cps
Strontium	88-1	378856	384824	390248	384643	1.48	cps
Sulfur	34-1	39334	39705	39153	39397	0.71	cps
Terbium	159-1	2277075	2350295	2359687	2329019	1.94	cps
Terbium	159-2	1434747	1457492	1427045	1439761	1.10	cps
Thallium	203-1	740	880	890	837	10.02	cps
Thallium	205-1	1927	1840	1980	1916	3.69	cps
Tin	118-1	5611	5541	5548	5567	0.69	cps
Titanium	47-1	234831	243207	244506	240848	2.18	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-06	Instrumnet Name :	P7
Client Sample ID :	MYD9Q6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:15:19	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14034	14518	14258	14270	1.70	cps
Vanadium	51-2	130054	129466	130538	130019	0.41	cps
Yttrium	89-1	2331284	2435388	2394128	2386933	2.20	cps
Yttrium	89-2	627446	634573	621457	627825	1.05	cps
Zinc	66-2	23759	24246	24270	24092	1.20	cps
Zirconium	90-1	30602	31901	31801	31435	2.30	cps
Zirconium	91-1	6968	7095	7259	7107	2.05	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-07	Instrumnet Name :	P7
Client Sample ID :	MYD9Q7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:18:46	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1553728	1513993	1520311	1529344	1.40	cps
Antimony	121-1	1700	1680	1667	1682	1.00	cps
Arsenic	75-2	3607	3751	3584	3647	2.47	cps
Barium	135-1	170119	173054	177325	173499	2.09	cps
Barium	137-1	296940	306982	308397	304107	2.05	cps
Beryllium	9-1	310	323	333	322	3.63	cps
Bismuth	209-1	1377176	1398118	1413859	1396385	1.32	cps
Bismuth	209-2	1080585	1079681	1082225	1080830	0.12	cps
Bromine	81-1	4114	4391	4107	4204	3.85	cps
Bromine	81-2	50	70	97	72	32.42	cps
Cadmium	108-1	40	33	43	39	13.09	cps
Cadmium	106-1	900	760	703	788	12.85	cps
Cadmium	111-1	749	655	635	680	8.90	cps
Calcium	43-1	67442	69521	68865	68610	1.55	cps
Calcium	44-1	1100432	1131465	1132127	1121341	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34630	35024	34810	34821	0.57	cps
Cobalt	59-2	42697	42858	43008	42854	0.36	cps
Copper	63-2	93416	93543	92540	93166	0.59	cps
Dysprosium	156-1	18482	19577	19704	19254	3.49	cps
Dysprosium	156-2	16226	16056	16266	16183	0.69	cps
Erbium	164-1	13647	13900	13850	13799	0.97	cps
Erbium	164-2	8910	9110	8833	8951	1.60	cps
Gadolinium	160-1	14878	15262	15459	15199	1.94	cps
Gadolinium	160-2	10361	10327	10434	10374	0.53	cps
Holmium	165-1	2292657	2327783	2338843	2319761	1.04	cps
Holmium	165-2	1480991	1480470	1483412	1481624	0.11	cps
Indium	115-1	1494293	1512878	1530656	1512609	1.20	cps
Indium	115-2	501578	500278	496947	499601	0.48	cps
Iron	56-2	52610018	51963638	52448483	52340713	0.64	cps
Iron	57-2	1380381	1380280	1377284	1379315	0.13	cps
Iron	54-2	2873523	2862311	2848117	2861317	0.44	cps
Krypton	83-1	57	37	63	52	26.57	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-07	Instrumnet Name :	P7
Client Sample ID :	MYD9Q7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:18:46	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	51614	53669	54024	53102	2.45	cps
Lead	207-1	35881	36121	37294	36432	2.08	cps
Lead	208-1	178434	182987	184026	181816	1.64	cps
Lithium	6-1	232653	233909	238554	235038	1.32	cps
Magnesium	24-2	1233852	1233953	1222892	1230232	0.52	cps
Manganese	55-2	1033073	1024871	1028540	1028828	0.40	cps
Molybdenum	94-1	9837	9773	9967	9859	1.00	cps
Molybdenum	95-1	1060	1057	1097	1071	2.07	cps
Molybdenum	96-1	3450	3390	3627	3489	3.53	cps
Molybdenum	97-1	640	620	663	641	3.38	cps
Molybdenum	98-1	1640	1660	1737	1679	3.04	cps
Neodymium	150-1	34044	34686	34809	34513	1.19	cps
Neodymium	150-2	19470	19357	19367	19398	0.32	cps
Nickel	60-2	9913	10487	10077	10159	2.91	cps
Phosphorus	31-2	5438	5481	5381	5433	0.92	cps
Potassium	39-2	890083	891350	889041	890158	0.13	cps
Rhodium	103-1	1237415	1255406	1267201	1253341	1.20	cps
Rhodium	103-2	719597	710293	714726	714872	0.65	cps
Scandium	45-1	663529	671606	676916	670683	1.01	cps
Scandium	45-2	60152	59479	59965	59865	0.58	cps
Selenium	82-1	19	47	24	30	50.47	cps
Selenium	77-2	50	37	13	33	55.68	cps
Selenium	78-2	73	83	87	81	8.56	cps
Silicon	28-1	4018038	4023691	4111549	4051093	1.29	cps
Silver	107-1	260	340	320	307	13.58	cps
Silver	109-1	263	330	370	321	16.78	cps
Sodium	23-2	40864	40647	41409	40973	0.96	cps
Strontium	86-1	52429	53955	54132	53506	1.75	cps
Strontium	88-1	464560	476240	479678	473493	1.67	cps
Sulfur	34-1	37613	37516	38134	37754	0.88	cps
Terbium	159-1	2322177	2390481	2439363	2384007	2.47	cps
Terbium	159-2	1450240	1452131	1455924	1452765	0.20	cps
Thallium	203-1	420	420	417	419	0.46	cps
Thallium	205-1	890	787	980	886	10.93	cps
Tin	118-1	7259	7322	7552	7378	2.09	cps
Titanium	47-1	472606	483502	488516	481541	1.69	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-07	Instrumnet Name :	P7
Client Sample ID :	MYD9Q7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:18:46	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20072	21270	20706	20683	2.90	cps
Vanadium	51-2	93198	93306	93480	93328	0.15	cps
Yttrium	89-1	2377744	2411702	2445202	2411549	1.40	cps
Yttrium	89-2	632777	627453	626768	629000	0.52	cps
Zinc	66-2	27111	27115	27429	27218	0.67	cps
Zirconium	90-1	24016	24544	25011	24524	2.03	cps
Zirconium	91-1	5498	5488	5451	5479	0.45	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-08	Instrumnet Name :	P7
Client Sample ID :	MYD9Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:22:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2126532	2083677	2081457	2097222	1.21	cps
Antimony	121-1	7756	7749	7739	7748	0.11	cps
Arsenic	75-2	14587	14344	14190	14374	1.39	cps
Barium	135-1	522026	535850	538983	532286	1.70	cps
Barium	137-1	914630	935691	943149	931157	1.59	cps
Beryllium	9-1	510	413	360	428	17.77	cps
Bismuth	209-1	1286120	1361364	1340309	1329264	2.92	cps
Bismuth	209-2	1032915	1033058	1045019	1036997	0.67	cps
Bromine	81-1	4304	4397	4657	4453	4.11	cps
Bromine	81-2	130	123	113	122	6.86	cps
Cadmium	108-1	100	127	80	102	22.91	cps
Cadmium	106-1	937	977	1113	1009	9.18	cps
Cadmium	111-1	986	938	1057	994	5.99	cps
Calcium	43-1	460143	465726	467630	464500	0.84	cps
Calcium	44-1	7037209	6994861	7160469	7064180	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76727	77233	76473	76811	0.50	cps
Cobalt	59-2	66587	65930	66911	66476	0.75	cps
Copper	63-2	110454	110625	110296	110458	0.15	cps
Dysprosium	156-1	27029	27059	28045	27378	2.11	cps
Dysprosium	156-2	22191	22642	22087	22307	1.32	cps
Erbium	164-1	18746	19517	19454	19239	2.22	cps
Erbium	164-2	12846	12549	13230	12875	2.65	cps
Gadolinium	160-1	22395	23727	23490	23204	3.06	cps
Gadolinium	160-2	16093	15672	16330	16031	2.08	cps
Holmium	165-1	2231089	2355034	2301494	2295872	2.71	cps
Holmium	165-2	1430540	1433198	1440053	1434597	0.34	cps
Indium	115-1	1418214	1455946	1449976	1441378	1.41	cps
Indium	115-2	480640	481953	481789	481461	0.15	cps
Iron	56-2	65306341	65225362	66100194	65543966	0.74	cps
Iron	57-2	1643200	1631847	1657002	1644016	0.77	cps
Iron	54-2	3515785	3610486	3538285	3554852	1.39	cps
Krypton	83-1	43	23	60	42	43.49	cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-08	Instrumnet Name :	P7
Client Sample ID :	MYD9Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:22:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	72576	73960	73652	73396	0.99	cps
Lead	207-1	62918	63273	64241	63477	1.08	cps
Lead	208-1	284735	293272	293646	290551	1.73	cps
Lithium	6-1	219264	226034	225264	223521	1.66	cps
Magnesium	24-2	2013150	2006865	1982648	2000888	0.80	cps
Manganese	55-2	1396545	1425434	1416881	1412953	1.05	cps
Molybdenum	94-1	29079	29516	30218	29604	1.94	cps
Molybdenum	95-1	1050	1257	1027	1111	11.39	cps
Molybdenum	96-1	6875	7132	7075	7027	1.92	cps
Molybdenum	97-1	683	613	533	610	12.30	cps
Molybdenum	98-1	1560	1777	1700	1679	6.54	cps
Neodymium	150-1	51182	52062	52838	52028	1.59	cps
Neodymium	150-2	29080	29387	29053	29174	0.64	cps
Nickel	60-2	38503	37380	38135	38006	1.51	cps
Phosphorus	31-2	7122	6978	6962	7021	1.25	cps
Potassium	39-2	545697	545020	542368	544362	0.32	cps
Rhodium	103-1	1161972	1202252	1195928	1186717	1.83	cps
Rhodium	103-2	682869	685700	682304	683625	0.27	cps
Scandium	45-1	665472	679098	678658	674409	1.15	cps
Scandium	45-2	60580	59787	60403	60257	0.69	cps
Selenium	82-1	90	79	51	74	27.12	cps
Selenium	77-2	30	40	33	34	14.78	cps
Selenium	78-2	67	73	80	73	9.09	cps
Silicon	28-1	3957711	3980455	3970990	3969718	0.29	cps
Silver	107-1	533	580	557	557	4.19	cps
Silver	109-1	527	520	537	528	1.59	cps
Sodium	23-2	32762	32915	32628	32768	0.44	cps
Strontium	86-1	149433	153550	153349	152111	1.53	cps
Strontium	88-1	1315058	1354040	1350379	1339826	1.61	cps
Sulfur	34-1	39615	40052	39608	39758	0.64	cps
Terbium	159-1	2312514	2328067	2358024	2332868	0.99	cps
Terbium	159-2	1414463	1418723	1420927	1418038	0.23	cps
Thallium	203-1	1063	1100	1057	1073	2.17	cps
Thallium	205-1	2514	2537	2704	2585	4.01	cps
Tin	118-1	10614	10517	11311	10814	4.01	cps
Titanium	47-1	245479	249005	246370	246951	0.74	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-08	Instrumnet Name :	P7
Client Sample ID :	MYD9Q8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:22:15	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11652	11935	12453	12013	3.38	cps
Vanadium	51-2	144352	143639	142593	143528	0.62	cps
Yttrium	89-1	2316726	2351286	2356911	2341641	0.93	cps
Yttrium	89-2	616746	619039	619482	618422	0.24	cps
Zinc	66-2	56061	56279	55737	56026	0.49	cps
Zirconium	90-1	75335	76980	77389	76568	1.42	cps
Zirconium	91-1	16766	17057	17731	17185	2.88	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-09	Instrumnet Name :	P7
Client Sample ID :	MYD9Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:25:39	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2539444	2552558	2515258	2535753	0.75	cps
Antimony	121-1	5835	6215	6111	6054	3.25	cps
Arsenic	75-2	14924	14497	14981	14801	1.79	cps
Barium	135-1	806041	834981	847649	829557	2.57	cps
Barium	137-1	1414107	1464591	1494370	1457689	2.78	cps
Beryllium	9-1	577	527	563	556	4.66	cps
Bismuth	209-1	1305524	1335714	1370966	1337401	2.45	cps
Bismuth	209-2	1059888	1049743	1062331	1057321	0.63	cps
Bromine	81-1	5131	5241	5414	5262	2.72	cps
Bromine	81-2	267	240	260	256	5.43	cps
Cadmium	108-1	107	97	103	102	4.98	cps
Cadmium	106-1	1043	960	1067	1023	5.48	cps
Cadmium	111-1	916	874	981	924	5.82	cps
Calcium	43-1	132132	136322	138283	135579	2.32	cps
Calcium	44-1	1983096	2064009	2128645	2058583	3.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82541	83295	83070	82969	0.47	cps
Cobalt	59-2	63751	63731	62784	63422	0.87	cps
Copper	63-2	100145	100420	100099	100221	0.17	cps
Dysprosium	156-1	32013	33062	32551	32542	1.61	cps
Dysprosium	156-2	26662	27153	27220	27012	1.13	cps
Erbium	164-1	22038	22612	23179	22610	2.52	cps
Erbium	164-2	14995	15152	15379	15175	1.27	cps
Gadolinium	160-1	26819	27367	28105	27430	2.35	cps
Gadolinium	160-2	19627	19427	19404	19486	0.63	cps
Holmium	165-1	2203564	2282604	2368716	2284961	3.62	cps
Holmium	165-2	1465154	1459079	1473338	1465857	0.49	cps
Indium	115-1	1416777	1464283	1489645	1456902	2.54	cps
Indium	115-2	498347	492269	497754	496123	0.68	cps
Iron	56-2	71085154	70884101	70750304	70906520	0.24	cps
Iron	57-2	1767772	1779315	1762275	1769787	0.49	cps
Iron	54-2	3875527	3847428	3854153	3859036	0.38	cps
Krypton	83-1	23	47	47	39	34.65	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-09	Instrumnet Name :	P7
Client Sample ID :	MYD9Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:25:39	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	59075	61562	62530	61055	2.92	cps
Lead	207-1	50105	52263	53287	51885	3.13	cps
Lead	208-1	233514	242758	245595	240622	2.63	cps
Lithium	6-1	222606	230577	233218	228800	2.41	cps
Magnesium	24-2	2063706	2075704	2080050	2073153	0.41	cps
Manganese	55-2	1572003	1579424	1555017	1568815	0.80	cps
Molybdenum	94-1	33214	34524	35262	34334	3.02	cps
Molybdenum	95-1	987	867	963	939	6.78	cps
Molybdenum	96-1	7415	7929	8016	7787	4.17	cps
Molybdenum	97-1	547	543	587	559	4.32	cps
Molybdenum	98-1	1300	1540	1443	1428	8.46	cps
Neodymium	150-1	59702	62337	63569	61869	3.19	cps
Neodymium	150-2	35150	35769	35297	35406	0.91	cps
Nickel	60-2	44054	43149	43576	43593	1.04	cps
Phosphorus	31-2	6738	6878	7072	6896	2.43	cps
Potassium	39-2	626528	625939	624716	625728	0.15	cps
Rhodium	103-1	1175915	1211192	1234932	1207347	2.46	cps
Rhodium	103-2	710919	701424	714029	708791	0.93	cps
Scandium	45-1	678810	694075	701833	691573	1.69	cps
Scandium	45-2	63298	62786	63773	63286	0.78	cps
Selenium	82-1	72	75	60	69	11.29	cps
Selenium	77-2	40	73	60	58	29.04	cps
Selenium	78-2	67	63	110	80	32.54	cps
Silicon	28-1	3961537	4051422	4086858	4033272	1.60	cps
Silver	107-1	423	540	553	506	14.15	cps
Silver	109-1	420	390	420	410	4.22	cps
Sodium	23-2	32200	32311	32327	32279	0.21	cps
Strontium	86-1	124840	128606	131023	128156	2.43	cps
Strontium	88-1	1098001	1139339	1160111	1132484	2.79	cps
Sulfur	34-1	38331	38392	37807	38177	0.84	cps
Terbium	159-1	2261910	2334461	2381945	2326106	2.60	cps
Terbium	159-2	1459853	1428586	1449219	1445886	1.10	cps
Thallium	203-1	1077	1193	1193	1155	5.83	cps
Thallium	205-1	2617	2820	2767	2735	3.86	cps
Tin	118-1	7439	8159	8299	7966	5.80	cps
Titanium	47-1	246578	257961	258705	254414	2.67	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-09	Instrumnet Name :	P7
Client Sample ID :	MYD9Q9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:25:39	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10491	10951	10855	10766	2.25	cps
Vanadium	51-2	143817	144530	145110	144486	0.45	cps
Yttrium	89-1	2335327	2421515	2466900	2407914	2.78	cps
Yttrium	89-2	649783	645107	647968	647619	0.36	cps
Zinc	66-2	25579	25889	26126	25865	1.06	cps
Zirconium	90-1	87036	91372	92337	90248	3.13	cps
Zirconium	91-1	19052	20661	20331	20015	4.25	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:29:04	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1648876	1632008	1640006	1640297	0.51	cps
Antimony	121-1	1010800	1001584	993447	1001944	0.87	cps
Arsenic	75-2	36294	36856	36635	36595	0.77	cps
Barium	135-1	1399261	1375708	1369228	1381399	1.14	cps
Barium	137-1	2548214	2521142	2527081	2532146	0.56	cps
Beryllium	9-1	121648	121416	122054	121706	0.27	cps
Bismuth	209-1	1199203	1193515	1187772	1193496	0.48	cps
Bismuth	209-2	893247	892923	903902	896691	0.70	cps
Bromine	81-1	4061	3450	3530	3681	9.01	cps
Bromine	81-2	7	23	17	16	53.90	cps
Cadmium	108-1	17738	17340	16713	17264	2.99	cps
Cadmium	106-1	25723	25102	25155	25327	1.36	cps
Cadmium	111-1	238875	234588	234414	235959	1.07	cps
Calcium	43-1	1011973	1002042	1002294	1005436	0.56	cps
Calcium	44-1	15423177	15146169	15242184	15270510	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	274730	277194	276419	276114	0.46	cps
Cobalt	59-2	432778	436440	430502	433240	0.69	cps
Copper	63-2	2961296	2924967	2930142	2938801	0.67	cps
Dysprosium	156-1	107	113	130	117	10.30	cps
Dysprosium	156-2	120	157	110	129	19.06	cps
Erbium	164-1	93	97	77	89	12.05	cps
Erbium	164-2	73	53	53	60	19.25	cps
Gadolinium	160-1	53	90	83	76	25.85	cps
Gadolinium	160-2	90	130	113	111	18.08	cps
Holmium	165-1	2108275	2093116	2141305	2114232	1.17	cps
Holmium	165-2	1285559	1277839	1293385	1285595	0.60	cps
Indium	115-1	1306649	1304512	1293757	1301639	0.53	cps
Indium	115-2	417122	417638	421783	418847	0.61	cps
Iron	56-2	62460104	61981747	61379434	61940429	0.87	cps
Iron	57-2	1546204	1538501	1550163	1544956	0.38	cps
Iron	54-2	3382473	3415288	3398067	3398609	0.48	cps
Krypton	83-1	43	23	13	27	57.29	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:29:04	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5014634	5006446	4950714	4990598	0.70	cps
Lead	207-1	4499344	4433610	4402317	4445090	1.11	cps
Lead	208-1	20185604	19999257	19909913	20031592	0.70	cps
Lithium	6-1	201903	202260	201278	201814	0.25	cps
Magnesium	24-2	12648610	12673594	12686803	12669669	0.15	cps
Manganese	55-2	2226057	2230298	2190475	2215610	0.99	cps
Molybdenum	94-1	3330210	3266383	3246778	3281124	1.33	cps
Molybdenum	95-1	4826560	4857881	4771571	4818671	0.91	cps
Molybdenum	96-1	5277180	5260358	5244717	5260752	0.31	cps
Molybdenum	97-1	3124828	3084553	3084094	3097825	0.75	cps
Molybdenum	98-1	8033038	7966891	7873924	7957951	1.00	cps
Neodymium	150-1	257	210	223	230	10.45	cps
Neodymium	150-2	63	87	57	69	22.87	cps
Nickel	60-2	105155	105380	104696	105077	0.33	cps
Phosphorus	31-2	16242	16436	16976	16551	2.30	cps
Potassium	39-2	8364077	8385511	8166967	8305518	1.45	cps
Rhodium	103-1	1051745	1052699	1039152	1047865	0.72	cps
Rhodium	103-2	573909	573683	580383	575992	0.66	cps
Scandium	45-1	561740	558384	556714	558946	0.46	cps
Scandium	45-2	49725	48965	49307	49332	0.77	cps
Selenium	82-1	11736	11377	11206	11439	2.36	cps
Selenium	77-2	1227	1140	1223	1197	4.10	cps
Selenium	78-2	3704	3684	3834	3741	2.18	cps
Silicon	28-1	924494	931774	922007	926092	0.55	cps
Silver	107-1	1089017	1079669	1071980	1080222	0.79	cps
Silver	109-1	1051258	1035440	1022711	1036470	1.38	cps
Sodium	23-2	20833104	20712518	20982225	20842616	0.65	cps
Strontium	86-1	6937201	6827912	6758681	6841264	1.32	cps
Strontium	88-1	61478961	61054454	59713022	60748812	1.52	cps
Sulfur	34-1	85886	84800	84234	84973	0.99	cps
Terbium	159-1	2164341	2161203	2132823	2152789	0.81	cps
Terbium	159-2	1259883	1256003	1270929	1262272	0.61	cps
Thallium	203-1	1130590	1122218	1117638	1123482	0.58	cps
Thallium	205-1	2971063	2994092	2894828	2953328	1.76	cps
Tin	118-1	854445	845858	836782	845695	1.04	cps
Titanium	47-1	1026280	1016962	1002645	1015296	1.17	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:29:04	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4654146	4509925	4571705	4578592	1.58	cps
Vanadium	51-2	254735	255704	253948	254796	0.35	cps
Yttrium	89-1	1975460	2030014	1997457	2000977	1.37	cps
Yttrium	89-2	506943	505691	510632	507755	0.51	cps
Zinc	66-2	504352	503273	501800	503142	0.25	cps
Zirconium	90-1	1485087	1481354	1456012	1474151	1.07	cps
Zirconium	91-1	337581	330947	329506	332678	1.29	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:35:41	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	87	83	88	5.80	cps
Antimony	121-1	257	213	247	239	9.50	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	33	20	30	28	24.98	cps
Barium	137-1	60	60	57	59	3.26	cps
Beryllium	9-1	57	50	53	53	6.25	cps
Bismuth	209-1	1351952	1346511	1331427	1343297	0.79	cps
Bismuth	209-2	1053932	1045046	1044674	1047884	0.50	cps
Bromine	81-1	3634	3337	3514	3495	4.27	cps
Bromine	81-2	30	20	20	23	24.74	cps
Cadmium	108-1	0	3	0	1	173.21	cps
Cadmium	106-1	707	623	523	618	14.86	cps
Cadmium	111-1	501	441	373	438	14.65	cps
Calcium	43-1	53	53	57	54	3.54	cps
Calcium	44-1	1133	903	843	960	15.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90	73	73	79	12.20	cps
Cobalt	59-2	7	10	30	16	81.11	cps
Copper	63-2	707	733	743	728	2.60	cps
Dysprosium	156-1	3	7	10	7	50.03	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	17	0	10	9	94.38	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	0	3	3	2	86.60	cps
Gadolinium	160-2	100	90	73	88	15.35	cps
Holmium	165-1	2144119	2169245	2154491	2155952	0.59	cps
Holmium	165-2	1379550	1369930	1368600	1372693	0.44	cps
Indium	115-1	1449606	1444137	1428709	1440817	0.75	cps
Indium	115-2	484150	476732	476130	479004	0.93	cps
Iron	56-2	5861	5691	5488	5680	3.29	cps
Iron	57-2	313	333	260	302	12.54	cps
Iron	54-2	553	547	527	542	2.56	cps
Krypton	83-1	37	20	23	27	33.08	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:35:41	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	443	343	290	359	21.69	cps
Lead	207-1	297	313	330	313	5.32	cps
Lead	208-1	1507	1353	1283	1381	8.27	cps
Lithium	6-1	230742	232031	232917	231897	0.47	cps
Magnesium	24-2	717	703	660	693	4.27	cps
Manganese	55-2	113	153	120	129	16.63	cps
Molybdenum	94-1	107	120	103	110	8.02	cps
Molybdenum	95-1	120	127	117	121	4.20	cps
Molybdenum	96-1	153	183	163	167	9.16	cps
Molybdenum	97-1	83	77	80	80	4.16	cps
Molybdenum	98-1	300	207	153	220	33.74	cps
Neodymium	150-1	3	3	3	3	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	50	97	72	32.42	cps
Phosphorus	31-2	37	23	57	39	43.15	cps
Potassium	39-2	15081	15044	14997	15041	0.28	cps
Rhodium	103-1	1211965	1210772	1193057	1205265	0.88	cps
Rhodium	103-2	683591	675423	677873	678962	0.62	cps
Scandium	45-1	611216	613495	609128	611280	0.36	cps
Scandium	45-2	55167	52919	53283	53790	2.24	cps
Selenium	82-1	28	21	26	25	14.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	23	53	40	38.19	cps
Silicon	28-1	55386	55440	56035	55620	0.65	cps
Silver	107-1	97	47	80	74	34.20	cps
Silver	109-1	90	87	37	71	42.01	cps
Sodium	23-2	5251	5391	5094	5245	2.83	cps
Strontium	86-1	180	130	163	158	16.14	cps
Strontium	88-1	1407	1013	843	1088	26.56	cps
Sulfur	34-1	38896	38311	39812	39006	1.94	cps
Terbium	159-1	2220643	2215411	2218495	2218183	0.12	cps
Terbium	159-2	1358677	1341262	1347347	1349096	0.66	cps
Thallium	203-1	103	93	100	99	5.15	cps
Thallium	205-1	243	250	243	246	1.57	cps
Tin	118-1	363	417	423	401	8.20	cps
Titanium	47-1	73	37	57	56	33.04	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:35:41	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	117	70	90	92	25.39	cps
Vanadium	51-2	20	7	13	13	49.99	cps
Yttrium	89-1	2135741	2126935	2124051	2128909	0.29	cps
Yttrium	89-2	557287	551362	550774	553141	0.65	cps
Zinc	66-2	60	70	43	58	23.32	cps
Zirconium	90-1	163	163	153	160	3.61	cps
Zirconium	91-1	60	33	27	40	44.09	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-10	Instrumnet Name :	P7
Client Sample ID :	MYD9R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:39:10	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2391471	2392247	2392873	2392197	0.03	cps
Antimony	121-1	4918	5168	4868	4984	3.23	cps
Arsenic	75-2	14224	14347	14204	14258	0.55	cps
Barium	135-1	582353	610773	624087	605738	3.52	cps
Barium	137-1	1017846	1065874	1086512	1056744	3.33	cps
Beryllium	9-1	593	517	537	549	7.25	cps
Bismuth	209-1	1259246	1342012	1376088	1325782	4.53	cps
Bismuth	209-2	1059098	1059970	1048974	1056014	0.58	cps
Bromine	81-1	4074	4044	4331	4150	3.80	cps
Bromine	81-2	127	123	110	120	7.35	cps
Cadmium	108-1	143	157	167	156	7.52	cps
Cadmium	106-1	1090	1017	1107	1071	4.47	cps
Cadmium	111-1	1183	1192	1205	1193	0.93	cps
Calcium	43-1	421135	444631	448840	438202	3.41	cps
Calcium	44-1	6476289	6778571	6852298	6702386	2.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82266	82413	81207	81962	0.80	cps
Cobalt	59-2	78929	79623	78745	79099	0.59	cps
Copper	63-2	155899	155757	155158	155605	0.25	cps
Dysprosium	156-1	27287	28853	28770	28303	3.11	cps
Dysprosium	156-2	23223	23293	23333	23283	0.24	cps
Erbium	164-1	19407	20826	19944	20059	3.57	cps
Erbium	164-2	13366	14064	13764	13731	2.55	cps
Gadolinium	160-1	23627	24839	25290	24585	3.50	cps
Gadolinium	160-2	17451	17367	17728	17515	1.08	cps
Holmium	165-1	2160738	2254834	2296071	2237214	3.10	cps
Holmium	165-2	1465813	1464075	1478290	1469393	0.53	cps
Indium	115-1	1374822	1451760	1479333	1435305	3.77	cps
Indium	115-2	495921	494210	494723	494951	0.18	cps
Iron	56-2	69658977	69100602	68629589	69129723	0.75	cps
Iron	57-2	1742080	1743556	1741134	1742256	0.07	cps
Iron	54-2	3800618	3807175	3787428	3798407	0.26	cps
Krypton	83-1	33	90	40	54	56.89	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-10	Instrumnet Name :	P7
Client Sample ID :	MYD9R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:39:10	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	97819	102191	106004	102005	4.01	cps
Lead	207-1	83947	89493	90854	88098	4.15	cps
Lead	208-1	386999	408144	418951	404698	4.02	cps
Lithium	6-1	228702	238109	237840	234883	2.28	cps
Magnesium	24-2	2243415	2230623	2229153	2234397	0.35	cps
Manganese	55-2	1685011	1684019	1639366	1669465	1.56	cps
Molybdenum	94-1	35252	36532	37414	36400	2.99	cps
Molybdenum	95-1	1130	1057	1197	1128	6.21	cps
Molybdenum	96-1	7839	8226	8172	8079	2.60	cps
Molybdenum	97-1	697	603	757	686	11.27	cps
Molybdenum	98-1	1603	1810	1877	1763	8.08	cps
Neodymium	150-1	52189	55452	55157	54266	3.33	cps
Neodymium	150-2	30747	30978	31388	31038	1.05	cps
Nickel	60-2	43098	41708	42764	42523	1.71	cps
Phosphorus	31-2	7542	7569	7799	7636	1.85	cps
Potassium	39-2	620250	619702	620977	620310	0.10	cps
Rhodium	103-1	1129542	1199060	1209178	1179260	3.68	cps
Rhodium	103-2	695838	696447	701349	697878	0.43	cps
Scandium	45-1	658111	699578	706099	687930	3.78	cps
Scandium	45-2	62642	63469	63004	63038	0.66	cps
Selenium	82-1	66	20	74	53	55.43	cps
Selenium	77-2	23	50	33	36	37.90	cps
Selenium	78-2	50	100	73	74	33.61	cps
Silicon	28-1	4000120	4117362	4056074	4057852	1.45	cps
Silver	107-1	943	1013	1047	1001	5.27	cps
Silver	109-1	900	897	863	887	2.29	cps
Sodium	23-2	38194	38411	38401	38335	0.32	cps
Strontium	86-1	137428	142834	146712	142325	3.28	cps
Strontium	88-1	1206158	1274789	1283625	1254857	3.38	cps
Sulfur	34-1	41169	42345	42526	42013	1.75	cps
Terbium	159-1	2145843	2333987	2388040	2289290	5.55	cps
Terbium	159-2	1442376	1437060	1442287	1440575	0.21	cps
Thallium	203-1	1493	1690	1613	1599	6.20	cps
Thallium	205-1	3577	3874	3971	3807	5.39	cps
Tin	118-1	7002	7142	7449	7197	3.18	cps
Titanium	47-1	253862	261516	266067	260482	2.37	cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-10	Instrumnet Name :	P7
Client Sample ID :	MYD9R0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:39:10	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12182	12980	12669	12611	3.19	cps
Vanadium	51-2	144759	143612	142377	143583	0.83	cps
Yttrium	89-1	2284187	2434052	2407659	2375299	3.37	cps
Yttrium	89-2	642603	637203	641122	640309	0.44	cps
Zinc	66-2	30020	29833	29773	29875	0.43	cps
Zirconium	90-1	90346	95491	95354	93730	3.13	cps
Zirconium	91-1	20534	21252	21362	21050	2.14	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-11	Instrumnet Name :	P7
Client Sample ID :	MYD9R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:42:35	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1548022	1545240	1594394	1562552	1.77	cps
Antimony	121-1	6502	6892	7022	6805	3.98	cps
Arsenic	75-2	15718	15712	15889	15773	0.64	cps
Barium	135-1	290643	298997	299023	296221	1.63	cps
Barium	137-1	511786	519709	524948	518814	1.28	cps
Beryllium	9-1	427	547	493	489	12.30	cps
Bismuth	209-1	1414793	1428052	1440820	1427888	0.91	cps
Bismuth	209-2	1113107	1107880	1102927	1107972	0.46	cps
Bromine	81-1	4544	4814	4514	4624	3.57	cps
Bromine	81-2	117	133	73	108	28.74	cps
Cadmium	108-1	177	147	140	154	12.65	cps
Cadmium	106-1	1157	1027	1013	1066	7.43	cps
Cadmium	111-1	1383	1299	1305	1329	3.51	cps
Calcium	43-1	39896	40684	41791	40790	2.33	cps
Calcium	44-1	654807	672936	672435	666726	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85011	82946	83771	83909	1.24	cps
Cobalt	59-2	58356	58182	58962	58500	0.70	cps
Copper	63-2	171823	172212	171291	171776	0.27	cps
Dysprosium	156-1	23149	23784	24131	23688	2.10	cps
Dysprosium	156-2	19090	18856	19120	19022	0.76	cps
Erbium	164-1	17234	18309	18552	18032	3.89	cps
Erbium	164-2	11892	11788	11862	11847	0.45	cps
Gadolinium	160-1	20415	21153	20986	20851	1.86	cps
Gadolinium	160-2	14481	14251	13900	14211	2.06	cps
Holmium	165-1	2420943	2412866	2438920	2424243	0.55	cps
Holmium	165-2	1588546	1509544	1580364	1559485	2.79	cps
Indium	115-1	1529889	1554618	1558751	1547753	1.01	cps
Indium	115-2	513882	513872	510831	512861	0.34	cps
Iron	56-2	76608797	75305544	75372776	75762372	0.97	cps
Iron	57-2	1922684	1897138	1882180	1900667	1.08	cps
Iron	54-2	4114371	4144493	4139107	4132657	0.39	cps
Krypton	83-1	67	67	60	64	5.98	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-11	Instrumnet Name :	P7
Client Sample ID :	MYD9R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:42:35	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	131951	136257	137379	135195	2.12	cps
Lead	207-1	117153	120273	122294	119907	2.16	cps
Lead	208-1	530035	545856	551237	542376	2.03	cps
Lithium	6-1	238081	242680	245352	242038	1.52	cps
Magnesium	24-2	1202308	1205246	1181504	1196353	1.08	cps
Manganese	55-2	1416881	1417495	1393974	1409450	0.95	cps
Molybdenum	94-1	26467	27536	27823	27275	2.62	cps
Molybdenum	95-1	1410	1573	1507	1497	5.49	cps
Molybdenum	96-1	7239	7072	7249	7186	1.38	cps
Molybdenum	97-1	880	907	970	919	5.03	cps
Molybdenum	98-1	2400	2430	2617	2482	4.73	cps
Neodymium	150-1	39850	40639	41233	40574	1.71	cps
Neodymium	150-2	23593	23142	23036	23257	1.27	cps
Nickel	60-2	28754	29001	28040	28598	1.75	cps
Phosphorus	31-2	4371	4387	4587	4448	2.71	cps
Potassium	39-2	822026	821997	823250	822425	0.09	cps
Rhodium	103-1	1273675	1286203	1299828	1286568	1.02	cps
Rhodium	103-2	736955	732890	731544	733796	0.38	cps
Scandium	45-1	708116	718960	725718	717598	1.24	cps
Scandium	45-2	64242	64573	63041	63952	1.26	cps
Selenium	82-1	39	29	55	41	31.12	cps
Selenium	77-2	33	33	20	29	26.64	cps
Selenium	78-2	73	80	77	77	4.35	cps
Silicon	28-1	4230710	4388801	4367110	4328874	1.98	cps
Silver	107-1	1103	1153	1257	1171	6.68	cps
Silver	109-1	1013	1063	1247	1108	11.09	cps
Sodium	23-2	32227	32989	32391	32535	1.23	cps
Strontium	86-1	43849	44788	45631	44756	1.99	cps
Strontium	88-1	385011	392523	396514	391349	1.49	cps
Sulfur	34-1	40758	40804	40697	40753	0.13	cps
Terbium	159-1	2404333	2452501	2482939	2446591	1.62	cps
Terbium	159-2	1488790	1481625	1475529	1481981	0.45	cps
Thallium	203-1	1317	1517	1450	1428	7.13	cps
Thallium	205-1	3370	3494	3407	3424	1.85	cps
Tin	118-1	5221	5554	5388	5388	3.09	cps
Titanium	47-1	258766	268071	269451	265429	2.19	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-11	Instrumnet Name :	P7
Client Sample ID :	MYD9R1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:42:35	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14074	14097	14308	14160	0.91	cps
Vanadium	51-2	153117	150848	153413	152459	0.92	cps
Yttrium	89-1	2464031	2500662	2523729	2496140	1.21	cps
Yttrium	89-2	648239	653810	650182	650743	0.43	cps
Zinc	66-2	32405	31443	30959	31602	2.33	cps
Zirconium	90-1	68087	71017	71426	70177	2.60	cps
Zirconium	91-1	15525	16002	16216	15914	2.22	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-12	Instrumnet Name :	P7
Client Sample ID :	MYD9R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:45:57	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2471776	2443736	2466383	2460632	0.60	cps
Antimony	121-1	3797	3867	4124	3929	4.38	cps
Arsenic	75-2	16563	16976	17334	16958	2.28	cps
Barium	135-1	369967	379384	380928	376760	1.57	cps
Barium	137-1	652217	668439	672890	664515	1.64	cps
Beryllium	9-1	593	620	567	593	4.49	cps
Bismuth	209-1	1445955	1476516	1464587	1462353	1.05	cps
Bismuth	209-2	1124355	1122011	1115271	1120546	0.42	cps
Bromine	81-1	5431	5321	5371	5374	1.03	cps
Bromine	81-2	250	197	263	237	14.91	cps
Cadmium	108-1	117	140	107	121	14.12	cps
Cadmium	106-1	953	1067	1057	1026	6.12	cps
Cadmium	111-1	956	1059	1028	1014	5.22	cps
Calcium	43-1	81272	82875	82150	82099	0.98	cps
Calcium	44-1	1223547	1231059	1276778	1243795	2.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95087	94597	94728	94804	0.27	cps
Cobalt	59-2	63015	62426	63477	62973	0.84	cps
Copper	63-2	111253	111317	111025	111198	0.14	cps
Dysprosium	156-1	29444	29708	29685	29612	0.49	cps
Dysprosium	156-2	22986	23700	23366	23351	1.53	cps
Erbium	164-1	20485	21093	21023	20867	1.59	cps
Erbium	164-2	13787	14214	14000	14000	1.53	cps
Gadolinium	160-1	24906	25991	24952	25283	2.43	cps
Gadolinium	160-2	17358	17625	17277	17420	1.04	cps
Holmium	165-1	2442639	2476875	2514619	2478044	1.45	cps
Holmium	165-2	1622273	1630369	1613469	1622037	0.52	cps
Indium	115-1	1568682	1616474	1645836	1610331	2.42	cps
Indium	115-2	527459	523544	519081	523362	0.80	cps
Iron	56-2	72852754	72974102	72978461	72935106	0.10	cps
Iron	57-2	1815386	1807032	1822400	1814939	0.42	cps
Iron	54-2	3995208	3980101	3993154	3989488	0.21	cps
Krypton	83-1	53	50	73	59	21.43	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-12	Instrumnet Name :	P7
Client Sample ID :	MYD9R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:45:57	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	80487	82315	82056	81619	1.21	cps
Lead	207-1	69171	71312	71028	70504	1.65	cps
Lead	208-1	316380	323454	324262	321365	1.35	cps
Lithium	6-1	240741	248747	247005	245498	1.72	cps
Magnesium	24-2	1805046	1751758	1782299	1779701	1.50	cps
Manganese	55-2	1387260	1388349	1397711	1391107	0.41	cps
Molybdenum	94-1	37211	38337	38611	38053	1.95	cps
Molybdenum	95-1	1007	1090	1063	1053	4.04	cps
Molybdenum	96-1	8389	8586	8583	8519	1.32	cps
Molybdenum	97-1	597	700	600	632	9.29	cps
Molybdenum	98-1	1567	1740	1737	1681	5.90	cps
Neodymium	150-1	52524	52778	53153	52818	0.60	cps
Neodymium	150-2	29220	29511	29778	29503	0.95	cps
Nickel	60-2	35946	35632	35970	35849	0.53	cps
Phosphorus	31-2	4918	5054	5164	5045	2.45	cps
Potassium	39-2	754350	754739	758610	755900	0.31	cps
Rhodium	103-1	1300534	1314699	1328252	1314495	1.05	cps
Rhodium	103-2	754059	752214	749764	752012	0.29	cps
Scandium	45-1	741208	755641	753083	749977	1.03	cps
Scandium	45-2	67640	65538	66605	66594	1.58	cps
Selenium	82-1	30	67	42	47	40.77	cps
Selenium	77-2	53	27	47	42	32.86	cps
Selenium	78-2	77	83	107	89	17.72	cps
Silicon	28-1	4155464	4262587	4301930	4239994	1.79	cps
Silver	107-1	653	667	757	692	8.12	cps
Silver	109-1	540	603	593	579	5.88	cps
Sodium	23-2	33931	33720	34238	33963	0.77	cps
Strontium	86-1	87454	88262	90318	88678	1.66	cps
Strontium	88-1	769037	785519	790889	781815	1.46	cps
Sulfur	34-1	41480	42318	43024	42274	1.83	cps
Terbium	159-1	2518578	2606323	2526708	2550536	1.90	cps
Terbium	159-2	1527255	1526501	1573543	1542433	1.75	cps
Thallium	203-1	1087	1183	1190	1153	5.01	cps
Thallium	205-1	2934	2894	3030	2953	2.38	cps
Tin	118-1	7185	7759	7539	7494	3.86	cps
Titanium	47-1	276292	281699	284551	280847	1.49	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-12	Instrumnet Name :	P7
Client Sample ID :	MYD9R2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:45:57	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10301	11185	11011	10832	4.32	cps
Vanadium	51-2	138377	139107	139787	139090	0.51	cps
Yttrium	89-1	2562332	2659345	2635887	2619188	1.93	cps
Yttrium	89-2	682137	670998	670976	674704	0.95	cps
Zinc	66-2	28440	28010	27232	27894	2.20	cps
Zirconium	90-1	97118	100068	100272	99153	1.78	cps
Zirconium	91-1	21392	22501	22724	22206	3.21	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-14	Instrumnet Name :	P7
Client Sample ID :	MYD9R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:52:37	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	999288	1003550	995100	999313	0.42	cps
Antimony	121-1	7792	8052	8259	8035	2.91	cps
Arsenic	75-2	7969	7632	7769	7790	2.17	cps
Barium	135-1	128662	131870	133855	131462	1.99	cps
Barium	137-1	225018	231865	232303	229729	1.78	cps
Beryllium	9-1	243	220	277	247	11.55	cps
Bismuth	209-1	1446655	1461120	1477387	1461720	1.05	cps
Bismuth	209-2	1124435	1141785	1133547	1133255	0.77	cps
Bromine	81-1	4307	4581	4757	4549	4.99	cps
Bromine	81-2	133	153	120	136	12.38	cps
Cadmium	108-1	50	83	33	56	45.83	cps
Cadmium	106-1	710	767	733	737	3.87	cps
Cadmium	111-1	622	695	697	671	6.35	cps
Calcium	43-1	68242	69836	69793	69290	1.31	cps
Calcium	44-1	1108824	1127286	1129752	1121954	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37851	37767	37891	37836	0.17	cps
Cobalt	59-2	32058	31430	31710	31732	0.99	cps
Copper	63-2	56422	56443	56208	56358	0.23	cps
Dysprosium	156-1	11571	12366	12399	12112	3.87	cps
Dysprosium	156-2	9577	9577	10000	9718	2.52	cps
Erbium	164-1	8896	9120	9263	9093	2.03	cps
Erbium	164-2	5758	5484	6018	5753	4.64	cps
Gadolinium	160-1	9733	10254	10604	10197	4.30	cps
Gadolinium	160-2	7222	7179	6878	7093	2.64	cps
Holmium	165-1	2432327	2423174	2492729	2449410	1.54	cps
Holmium	165-2	1604637	1602593	1599485	1602238	0.16	cps
Indium	115-1	1597494	1571405	1618532	1595811	1.48	cps
Indium	115-2	520701	523670	526925	523765	0.59	cps
Iron	56-2	35328165	35144024	35314814	35262335	0.29	cps
Iron	57-2	927988	928118	929574	928560	0.09	cps
Iron	54-2	1961640	1945134	1939110	1948628	0.60	cps
Krypton	83-1	33	40	50	41	20.41	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-14	Instrumnet Name :	P7
Client Sample ID :	MYD9R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:52:37	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	36529	37886	37505	37307	1.88	cps
Lead	207-1	29482	30227	30073	29927	1.31	cps
Lead	208-1	136999	139583	140875	139153	1.42	cps
Lithium	6-1	243546	243167	244536	243750	0.29	cps
Magnesium	24-2	844056	841526	841393	842325	0.18	cps
Manganese	55-2	753089	747940	754371	751800	0.45	cps
Molybdenum	94-1	8309	8719	8112	8380	3.70	cps
Molybdenum	95-1	673	710	710	698	3.03	cps
Molybdenum	96-1	2520	2737	2557	2605	4.45	cps
Molybdenum	97-1	387	380	397	388	2.16	cps
Molybdenum	98-1	1023	993	1013	1010	1.51	cps
Neodymium	150-1	20709	21463	21466	21213	2.06	cps
Neodymium	150-2	12419	11838	11905	12054	2.64	cps
Nickel	60-2	13586	13193	13099	13293	1.94	cps
Phosphorus	31-2	3690	3801	3791	3760	1.62	cps
Potassium	39-2	623652	624377	618885	622305	0.48	cps
Rhodium	103-1	1304738	1304745	1309749	1306410	0.22	cps
Rhodium	103-2	753127	760567	753391	755695	0.56	cps
Scandium	45-1	690101	687004	691088	689398	0.31	cps
Scandium	45-2	61798	61186	60985	61323	0.69	cps
Selenium	82-1	53	25	35	38	37.22	cps
Selenium	77-2	23	13	7	14	58.06	cps
Selenium	78-2	57	33	80	57	41.18	cps
Silicon	28-1	5356944	5433283	5425644	5405290	0.78	cps
Silver	107-1	250	340	353	314	17.88	cps
Silver	109-1	317	283	323	308	6.96	cps
Sodium	23-2	30210	30697	30153	30353	0.99	cps
Strontium	86-1	38343	38256	38654	38418	0.54	cps
Strontium	88-1	332257	341841	340426	338175	1.53	cps
Sulfur	34-1	39063	39478	39247	39263	0.53	cps
Terbium	159-1	2444803	2502092	2565614	2504170	2.41	cps
Terbium	159-2	1497036	1513716	1507594	1506115	0.56	cps
Thallium	203-1	590	633	677	633	6.84	cps
Thallium	205-1	1427	1510	1500	1479	3.08	cps
Tin	118-1	5274	5421	5324	5340	1.40	cps
Titanium	47-1	178509	180401	180681	179864	0.66	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-14	Instrumnet Name :	P7
Client Sample ID :	MYD9R4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:52:37	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8836	9707	9503	9349	4.87	cps
Vanadium	51-2	65635	66388	65622	65882	0.67	cps
Yttrium	89-1	2458179	2378201	2447566	2427982	1.79	cps
Yttrium	89-2	638014	645496	643363	642291	0.60	cps
Zinc	66-2	18478	18782	18428	18563	1.03	cps
Zirconium	90-1	20761	21586	21806	21385	2.58	cps
Zirconium	91-1	4701	4784	4911	4799	2.20	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-15	Instrumnet Name :	P7
Client Sample ID :	MYD9R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:56:04	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1900487	1894659	1897260	1897469	0.15	cps
Antimony	121-1	1193	1433	1300	1309	9.19	cps
Arsenic	75-2	6288	6348	6121	6252	1.88	cps
Barium	135-1	237301	238294	240145	238580	0.61	cps
Barium	137-1	411070	421646	421812	418176	1.47	cps
Beryllium	9-1	437	443	440	440	0.76	cps
Bismuth	209-1	1494579	1487561	1504688	1495609	0.58	cps
Bismuth	209-2	1133083	1134703	1148737	1138841	0.76	cps
Bromine	81-1	4214	4327	4194	4245	1.69	cps
Bromine	81-2	63	57	97	72	29.67	cps
Cadmium	108-1	63	47	63	58	16.65	cps
Cadmium	106-1	880	800	933	871	7.70	cps
Cadmium	111-1	728	707	796	744	6.21	cps
Calcium	43-1	77104	77818	78475	77799	0.88	cps
Calcium	44-1	1162006	1214760	1202460	1193075	2.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41737	41614	40668	41340	1.42	cps
Cobalt	59-2	48237	48401	47659	48099	0.81	cps
Copper	63-2	81496	81544	81159	81400	0.26	cps
Dysprosium	156-1	22334	22772	22545	22550	0.97	cps
Dysprosium	156-2	17908	18446	18022	18125	1.56	cps
Erbium	164-1	16587	17031	17181	16933	1.82	cps
Erbium	164-2	10394	10901	10631	10642	2.38	cps
Gadolinium	160-1	18556	18302	19227	18695	2.56	cps
Gadolinium	160-2	12979	12809	12723	12837	1.02	cps
Holmium	165-1	2516716	2523941	2508824	2516494	0.30	cps
Holmium	165-2	1645244	1634280	1626156	1635227	0.59	cps
Indium	115-1	1600386	1626080	1653853	1626773	1.64	cps
Indium	115-2	522909	521822	530946	525226	0.95	cps
Iron	56-2	58586331	59040396	58943439	58856722	0.41	cps
Iron	57-2	1450595	1434163	1469301	1451353	1.21	cps
Iron	54-2	3198335	3257514	3183275	3213041	1.22	cps
Krypton	83-1	57	53	33	48	26.42	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-15	Instrumnet Name :	P7
Client Sample ID :	MYD9R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:56:04	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	58602	59865	59784	59417	1.19	cps
Lead	207-1	42490	42861	44553	43301	2.54	cps
Lead	208-1	206263	209646	212407	209438	1.47	cps
Lithium	6-1	236738	240188	239556	238827	0.77	cps
Magnesium	24-2	1412460	1413705	1426218	1417461	0.54	cps
Manganese	55-2	1007882	1013282	1011139	1010768	0.27	cps
Molybdenum	94-1	12168	12662	12469	12433	2.00	cps
Molybdenum	95-1	703	757	727	729	3.67	cps
Molybdenum	96-1	3547	3891	3721	3719	4.62	cps
Molybdenum	97-1	400	407	437	414	4.71	cps
Molybdenum	98-1	1083	1123	1170	1126	3.85	cps
Neodymium	150-1	40715	41297	41578	41197	1.07	cps
Neodymium	150-2	22571	23046	23149	22922	1.34	cps
Nickel	60-2	12495	12542	12602	12546	0.43	cps
Phosphorus	31-2	4727	4494	4427	4550	3.46	cps
Potassium	39-2	327432	325163	329023	327206	0.59	cps
Rhodium	103-1	1322761	1322904	1325141	1323602	0.10	cps
Rhodium	103-2	752354	751793	766908	757018	1.13	cps
Scandium	45-1	706228	709044	710553	708608	0.31	cps
Scandium	45-2	63422	63238	64102	63587	0.72	cps
Selenium	82-1	27	26	53	35	42.52	cps
Selenium	77-2	47	47	27	40	28.87	cps
Selenium	78-2	77	93	63	78	19.33	cps
Silicon	28-1	5131567	5177576	5232596	5180580	0.98	cps
Silver	107-1	290	327	337	318	7.73	cps
Silver	109-1	233	307	303	281	14.73	cps
Sodium	23-2	39334	40239	38749	39440	1.90	cps
Strontium	86-1	68126	69801	69071	68999	1.22	cps
Strontium	88-1	597991	608155	607075	604407	0.92	cps
Sulfur	34-1	36834	36407	36460	36567	0.64	cps
Terbium	159-1	2546255	2601516	2569369	2572380	1.08	cps
Terbium	159-2	1634027	1525137	1649576	1602914	4.23	cps
Thallium	203-1	640	647	673	653	2.70	cps
Thallium	205-1	1437	1510	1383	1443	4.41	cps
Tin	118-1	10384	10767	10864	10672	2.38	cps
Titanium	47-1	402788	407638	413105	407844	1.27	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-15	Instrumnet Name :	P7
Client Sample ID :	MYD9R5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:56:04	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17258	17201	17732	17397	1.68	cps
Vanadium	51-2	105391	104898	105499	105262	0.30	cps
Yttrium	89-1	2561240	2585334	2628290	2591621	1.31	cps
Yttrium	89-2	670394	662488	677068	669983	1.09	cps
Zinc	66-2	26156	25949	26317	26141	0.70	cps
Zirconium	90-1	31768	32556	31988	32104	1.27	cps
Zirconium	91-1	7005	7479	7415	7300	3.52	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-13	Instrumnet Name :	P7
Client Sample ID :	MYD9R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:59:25	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2407090	2391402	2416405	2404966	0.53	cps
Antimony	121-1	5168	5644	5781	5531	5.82	cps
Arsenic	75-2	16286	16136	16453	16291	0.97	cps
Barium	135-1	483983	495782	495416	491727	1.36	cps
Barium	137-1	850752	868552	874442	864582	1.43	cps
Beryllium	9-1	447	587	607	547	15.95	cps
Bismuth	209-1	1503513	1542291	1523355	1523053	1.27	cps
Bismuth	209-2	1152184	1141756	1050450	1114797	5.02	cps
Bromine	81-1	5488	5638	6148	5758	6.01	cps
Bromine	81-2	307	340	323	323	5.16	cps
Cadmium	108-1	143	120	157	140	13.26	cps
Cadmium	106-1	1027	1027	930	994	5.61	cps
Cadmium	111-1	1065	1105	985	1051	5.81	cps
Calcium	43-1	96246	97373	99080	97566	1.46	cps
Calcium	44-1	1466407	1527866	1491600	1495291	2.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87414	88930	88729	88358	0.93	cps
Cobalt	59-2	72956	72966	72775	72899	0.15	cps
Copper	63-2	123931	121606	124690	123409	1.30	cps
Dysprosium	156-1	33831	34482	34840	34384	1.49	cps
Dysprosium	156-2	26652	26675	27440	26923	1.67	cps
Erbium	164-1	24956	25627	25510	25364	1.41	cps
Erbium	164-2	16510	16023	16403	16312	1.57	cps
Gadolinium	160-1	30597	30142	31018	30586	1.43	cps
Gadolinium	160-2	20448	20572	20999	20673	1.40	cps
Holmium	165-1	2504935	2604883	2595732	2568517	2.15	cps
Holmium	165-2	1688032	1626727	1477644	1597467	6.77	cps
Indium	115-1	1614510	1658851	1642369	1638577	1.37	cps
Indium	115-2	532981	525553	480203	512912	5.57	cps
Iron	56-2	73683377	73469351	74505271	73885999	0.74	cps
Iron	57-2	1810424	1829686	1840879	1826996	0.84	cps
Iron	54-2	4061552	4043266	4105061	4069959	0.78	cps
Krypton	83-1	60	37	63	53	27.24	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-13	Instrumnet Name :	P7
Client Sample ID :	MYD9R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:59:25	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	94902	97131	97215	96416	1.36	cps
Lead	207-1	80004	82287	84668	82320	2.83	cps
Lead	208-1	372144	382699	384193	379679	1.73	cps
Lithium	6-1	236571	241101	238565	238746	0.95	cps
Magnesium	24-2	1940472	1903854	1949855	1931394	1.26	cps
Manganese	55-2	1765467	1716588	1730819	1737625	1.45	cps
Molybdenum	94-1	28852	29329	29550	29244	1.22	cps
Molybdenum	95-1	960	1017	907	961	5.72	cps
Molybdenum	96-1	7192	6885	7108	7062	2.25	cps
Molybdenum	97-1	560	560	563	561	0.34	cps
Molybdenum	98-1	1440	1433	1350	1408	3.56	cps
Neodymium	150-1	62324	63361	65197	63627	2.29	cps
Neodymium	150-2	35802	35511	35060	35458	1.05	cps
Nickel	60-2	40324	39702	40692	40239	1.24	cps
Phosphorus	31-2	6695	6762	6895	6784	1.50	cps
Potassium	39-2	747683	753621	752560	751288	0.42	cps
Rhodium	103-1	1324660	1338682	1331707	1331683	0.53	cps
Rhodium	103-2	764713	757505	692617	738278	5.38	cps
Scandium	45-1	743659	754514	749624	749265	0.73	cps
Scandium	45-2	66843	67155	61961	65320	4.46	cps
Selenium	82-1	34	66	21	40	57.53	cps
Selenium	77-2	37	43	50	43	15.38	cps
Selenium	78-2	67	100	67	78	24.74	cps
Silicon	28-1	6039262	6077592	6129027	6081960	0.74	cps
Silver	107-1	567	743	650	653	13.53	cps
Silver	109-1	567	643	620	610	6.44	cps
Sodium	23-2	29869	29411	29752	29677	0.80	cps
Strontium	86-1	83270	84983	84849	84367	1.13	cps
Strontium	88-1	733017	741011	744295	739441	0.78	cps
Sulfur	34-1	37960	39521	38662	38715	2.02	cps
Terbium	159-1	2618415	2614190	2661227	2631277	0.99	cps
Terbium	159-2	1656024	1631315	1409173	1565504	8.68	cps
Thallium	203-1	1247	1317	1353	1306	4.15	cps
Thallium	205-1	3084	3017	2924	3008	2.67	cps
Tin	118-1	5391	5751	5624	5589	3.27	cps
Titanium	47-1	211619	213101	215211	213310	0.85	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-13	Instrumnet Name :	P7
Client Sample ID :	MYD9R3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 19:59:25	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10551	11061	11128	10913	2.89	cps
Vanadium	51-2	154410	154989	156572	155324	0.72	cps
Yttrium	89-1	2688379	2734449	2700997	2707941	0.88	cps
Yttrium	89-2	698978	692419	632076	674491	5.47	cps
Zinc	66-2	30354	29753	29636	29914	1.29	cps
Zirconium	90-1	75875	76916	77610	76800	1.14	cps
Zirconium	91-1	16796	17043	17157	16999	1.08	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-16	Instrumnet Name :	P7
Client Sample ID :	MYD9R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:02:48	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1768583	1785824	1763749	1772719	0.65	cps
Antimony	121-1	4464	4687	4871	4674	4.36	cps
Arsenic	75-2	17190	16806	16589	16862	1.80	cps
Barium	135-1	328850	339815	339496	336054	1.86	cps
Barium	137-1	581035	590877	601685	591199	1.75	cps
Beryllium	9-1	520	470	523	504	5.92	cps
Bismuth	209-1	1476531	1514334	1507281	1499382	1.34	cps
Bismuth	209-2	1137380	1131186	1149750	1139439	0.83	cps
Bromine	81-1	4747	4801	4577	4709	2.48	cps
Bromine	81-2	157	123	117	132	16.21	cps
Cadmium	108-1	130	103	150	128	18.32	cps
Cadmium	106-1	1257	977	1007	1080	14.23	cps
Cadmium	111-1	1482	1338	1340	1387	5.96	cps
Calcium	43-1	65838	68062	68058	67319	1.91	cps
Calcium	44-1	1089785	1102137	1111458	1101127	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82175	82347	83348	82623	0.77	cps
Cobalt	59-2	64173	64997	64866	64679	0.68	cps
Copper	63-2	189409	189510	189642	189520	0.06	cps
Dysprosium	156-1	26358	27026	27804	27063	2.67	cps
Dysprosium	156-2	21366	20949	21029	21115	1.05	cps
Erbium	164-1	19577	20221	20248	20016	1.90	cps
Erbium	164-2	13273	12939	12929	13047	1.50	cps
Gadolinium	160-1	23420	23096	24007	23508	1.97	cps
Gadolinium	160-2	15989	16233	16076	16099	0.77	cps
Holmium	165-1	2486969	2531528	2503239	2507245	0.90	cps
Holmium	165-2	1603304	1594172	1648840	1615439	1.81	cps
Indium	115-1	1581010	1584188	1612152	1592450	1.08	cps
Indium	115-2	523405	518076	522577	521353	0.55	cps
Iron	56-2	70924812	70125564	71149886	70733421	0.76	cps
Iron	57-2	1764659	1756461	1778734	1766618	0.64	cps
Iron	54-2	3909680	3866703	3876987	3884457	0.58	cps
Krypton	83-1	30	47	50	42	25.38	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-16	Instrumnet Name :	P7
Client Sample ID :	MYD9R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:02:48	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	144465	148098	148988	147184	1.63	cps
Lead	207-1	127525	129043	130069	128879	0.99	cps
Lead	208-1	576441	589488	593126	586352	1.50	cps
Lithium	6-1	227259	231066	232106	230144	1.11	cps
Magnesium	24-2	1413141	1403986	1379885	1399004	1.23	cps
Manganese	55-2	1376368	1388880	1391875	1385708	0.59	cps
Molybdenum	94-1	30308	30669	30669	30549	0.68	cps
Molybdenum	95-1	1367	1407	1190	1321	8.73	cps
Molybdenum	96-1	7862	7856	7669	7795	1.41	cps
Molybdenum	97-1	830	883	917	877	4.99	cps
Molybdenum	98-1	2110	2140	2200	2150	2.13	cps
Neodymium	150-1	47774	48112	48941	48276	1.24	cps
Neodymium	150-2	26575	26862	26782	26740	0.55	cps
Nickel	60-2	34887	35007	35639	35178	1.15	cps
Phosphorus	31-2	5544	5728	5614	5629	1.64	cps
Potassium	39-2	778377	778445	779142	778655	0.05	cps
Rhodium	103-1	1301609	1306174	1324781	1310855	0.94	cps
Rhodium	103-2	749754	745576	758601	751311	0.89	cps
Scandium	45-1	711861	715693	717134	714896	0.38	cps
Scandium	45-2	62980	63834	64647	63820	1.31	cps
Selenium	82-1	62	59	70	64	9.29	cps
Selenium	77-2	57	27	33	39	40.51	cps
Selenium	78-2	80	70	63	71	11.80	cps
Silicon	28-1	5624304	5717548	5740106	5693986	1.08	cps
Silver	107-1	1273	1260	1227	1253	1.92	cps
Silver	109-1	1103	1190	1113	1136	4.18	cps
Sodium	23-2	28036	28132	29071	28413	2.01	cps
Strontium	86-1	53932	55039	54383	54451	1.02	cps
Strontium	88-1	472579	479211	480252	477348	0.87	cps
Sulfur	34-1	39060	38686	38782	38843	0.50	cps
Terbium	159-1	2542594	2544790	2570984	2552789	0.62	cps
Terbium	159-2	1625044	1505249	1531821	1554038	4.05	cps
Thallium	203-1	2324	2517	2450	2430	4.04	cps
Thallium	205-1	5521	5885	5538	5648	3.63	cps
Tin	118-1	6838	7042	6982	6954	1.50	cps
Titanium	47-1	231646	231943	232634	232074	0.22	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-16	Instrumnet Name :	P7
Client Sample ID :	MYD9R6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:02:48	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11625	11865	12279	11923	2.77	cps
Vanadium	51-2	137223	137331	137873	137476	0.25	cps
Yttrium	89-1	2542346	2596582	2572048	2570325	1.06	cps
Yttrium	89-2	668297	658749	668087	665044	0.82	cps
Zinc	66-2	33364	33494	32916	33258	0.91	cps
Zirconium	90-1	78964	80378	79520	79621	0.89	cps
Zirconium	91-1	17838	17921	18258	18006	1.24	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-17	Instrumnet Name :	P7
Client Sample ID :	MYD9R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:06:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2311492	2284038	2268909	2288146	0.94	cps
Antimony	121-1	4014	4107	4234	4118	2.68	cps
Arsenic	75-2	16683	16746	16453	16627	0.93	cps
Barium	135-1	498740	506570	512726	506012	1.39	cps
Barium	137-1	875872	886325	891606	884601	0.91	cps
Beryllium	9-1	517	583	587	562	7.02	cps
Bismuth	209-1	1466729	1472983	1478862	1472858	0.41	cps
Bismuth	209-2	1125736	1109337	1119931	1118335	0.74	cps
Bromine	81-1	4964	5448	5388	5267	5.00	cps
Bromine	81-2	300	300	293	298	1.29	cps
Cadmium	108-1	100	97	110	102	6.79	cps
Cadmium	106-1	1050	930	963	981	6.31	cps
Cadmium	111-1	1315	1147	1101	1187	9.50	cps
Calcium	43-1	81534	82479	82848	82287	0.82	cps
Calcium	44-1	1243147	1270642	1280822	1264871	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97824	97013	97170	97336	0.44	cps
Cobalt	59-2	77210	76926	75894	76677	0.90	cps
Copper	63-2	145885	144805	145122	145271	0.38	cps
Dysprosium	156-1	30724	32010	32050	31594	2.39	cps
Dysprosium	156-2	24742	24535	24211	24496	1.09	cps
Erbium	164-1	22896	23653	23810	23453	2.09	cps
Erbium	164-2	15429	15469	15278	15392	0.65	cps
Gadolinium	160-1	27140	26926	27591	27219	1.25	cps
Gadolinium	160-2	18946	18132	18235	18438	2.40	cps
Holmium	165-1	2449138	2525406	2481068	2485204	1.54	cps
Holmium	165-2	1637787	1609422	1571000	1606070	2.09	cps
Indium	115-1	1557183	1599622	1578746	1578517	1.34	cps
Indium	115-2	516116	511570	513368	513685	0.45	cps
Iron	56-2	79662519	79288095	79053947	79334854	0.39	cps
Iron	57-2	1951489	1960360	1970471	1960773	0.48	cps
Iron	54-2	4378210	4365279	4291496	4344995	1.08	cps
Krypton	83-1	50	33	37	40	22.05	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-17	Instrumnet Name :	P7
Client Sample ID :	MYD9R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:06:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	109903	111688	112237	111276	1.10	cps
Lead	207-1	95345	95630	97228	96068	1.06	cps
Lead	208-1	433910	439487	444465	439287	1.20	cps
Lithium	6-1	225371	227895	227935	227067	0.65	cps
Magnesium	24-2	1880509	1860755	1848562	1863275	0.87	cps
Manganese	55-2	2570761	2528802	2490667	2530077	1.58	cps
Molybdenum	94-1	21172	21549	21316	21346	0.89	cps
Molybdenum	95-1	1387	1353	1387	1376	1.40	cps
Molybdenum	96-1	6268	6451	6128	6283	2.58	cps
Molybdenum	97-1	807	870	857	844	3.95	cps
Molybdenum	98-1	2157	2150	2130	2146	0.65	cps
Neodymium	150-1	53280	54635	54294	54070	1.30	cps
Neodymium	150-2	29671	30229	30039	29980	0.95	cps
Nickel	60-2	40618	39983	40130	40244	0.83	cps
Phosphorus	31-2	5748	5674	5771	5731	0.88	cps
Potassium	39-2	911384	909812	912169	911122	0.13	cps
Rhodium	103-1	1279104	1301024	1298347	1292825	0.92	cps
Rhodium	103-2	737482	734595	737163	736413	0.21	cps
Scandium	45-1	718438	723937	724663	722346	0.47	cps
Scandium	45-2	64480	63706	63757	63981	0.68	cps
Selenium	82-1	50	60	71	61	17.23	cps
Selenium	77-2	33	47	53	44	22.92	cps
Selenium	78-2	67	103	90	87	21.41	cps
Silicon	28-1	5746545	5903170	5865080	5838265	1.40	cps
Silver	107-1	683	763	793	747	7.62	cps
Silver	109-1	713	813	763	763	6.55	cps
Sodium	23-2	28537	28887	29051	28825	0.91	cps
Strontium	86-1	84088	85285	86395	85256	1.35	cps
Strontium	88-1	746226	753738	757111	752358	0.74	cps
Sulfur	34-1	39568	39555	39798	39640	0.35	cps
Terbium	159-1	2539552	2572543	2613251	2575115	1.43	cps
Terbium	159-2	1517746	1510398	1509294	1512479	0.30	cps
Thallium	203-1	1740	1470	1587	1599	8.47	cps
Thallium	205-1	3634	3841	3794	3756	2.89	cps
Tin	118-1	6158	6141	6215	6171	0.62	cps
Titanium	47-1	240434	245904	249490	245276	1.86	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-17	Instrumnet Name :	P7
Client Sample ID :	MYD9R7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:06:11	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12903	12963	12920	12929	0.24	cps
Vanadium	51-2	160112	160072	158772	159652	0.48	cps
Yttrium	89-1	2547840	2613064	2595001	2585302	1.30	cps
Yttrium	89-2	666235	663324	667730	665763	0.34	cps
Zinc	66-2	33802	33598	32823	33407	1.55	cps
Zirconium	90-1	54109	55247	54929	54762	1.07	cps
Zirconium	91-1	11862	12495	11892	12083	2.96	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-18	Instrumnet Name :	P7
Client Sample ID :	MYD9R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:09:35	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1247607	1255509	1275273	1259463	1.13	cps
Antimony	121-1	6178	6385	6398	6320	1.95	cps
Arsenic	75-2	12265	11715	12228	12069	2.55	cps
Barium	135-1	264786	268691	272099	268525	1.36	cps
Barium	137-1	463736	475228	470350	469772	1.23	cps
Beryllium	9-1	390	407	373	390	4.27	cps
Bismuth	209-1	1451226	1471915	1483489	1468877	1.11	cps
Bismuth	209-2	1112106	1116277	1122163	1116849	0.45	cps
Bromine	81-1	4634	4978	4894	4835	3.70	cps
Bromine	81-2	193	167	170	177	8.23	cps
Cadmium	108-1	127	110	110	116	8.33	cps
Cadmium	106-1	967	983	930	960	2.84	cps
Cadmium	111-1	1195	1318	1294	1269	5.15	cps
Calcium	43-1	84423	86116	85425	85321	1.00	cps
Calcium	44-1	1286495	1299228	1333604	1306442	1.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65886	67031	65776	66231	1.05	cps
Cobalt	59-2	43857	43844	44044	43915	0.26	cps
Copper	63-2	146394	145913	145630	145979	0.26	cps
Dysprosium	156-1	18983	20091	20281	19785	3.54	cps
Dysprosium	156-2	15288	15282	15278	15283	0.03	cps
Erbium	164-1	14641	15602	15359	15201	3.29	cps
Erbium	164-2	9647	9560	9760	9656	1.04	cps
Gadolinium	160-1	16824	17885	17751	17487	3.31	cps
Gadolinium	160-2	11788	11672	11825	11762	0.68	cps
Holmium	165-1	2439797	2435184	2498587	2457856	1.44	cps
Holmium	165-2	1612863	1589875	1512992	1571910	3.33	cps
Indium	115-1	1556472	1569000	1580426	1568633	0.76	cps
Indium	115-2	513789	515023	513006	513939	0.20	cps
Iron	56-2	52094076	52175386	52291099	52186854	0.19	cps
Iron	57-2	1371066	1369059	1370608	1370244	0.08	cps
Iron	54-2	2835688	2881023	2899826	2872179	1.15	cps
Krypton	83-1	27	47	57	43	35.25	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-18	Instrumnet Name :	P7
Client Sample ID :	MYD9R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:09:35	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	130559	134805	136004	133789	2.14	cps
Lead	207-1	114938	118559	118683	117393	1.81	cps
Lead	208-1	521617	535865	541936	533139	1.96	cps
Lithium	6-1	220169	223224	224571	222655	1.01	cps
Magnesium	24-2	1069366	1063592	1062570	1065176	0.34	cps
Manganese	55-2	1039697	1039557	1041862	1040372	0.12	cps
Molybdenum	94-1	20081	20798	20972	20617	2.29	cps
Molybdenum	95-1	1183	1207	1167	1186	1.69	cps
Molybdenum	96-1	5451	5414	5701	5522	2.83	cps
Molybdenum	97-1	703	690	713	702	1.67	cps
Molybdenum	98-1	1840	1723	1883	1816	4.56	cps
Neodymium	150-1	33613	35227	35107	34649	2.59	cps
Neodymium	150-2	19176	18759	19013	18983	1.11	cps
Nickel	60-2	25175	24323	24590	24696	1.76	cps
Phosphorus	31-2	4227	4231	4257	4238	0.39	cps
Potassium	39-2	635564	636647	638377	636863	0.22	cps
Rhodium	103-1	1278495	1291959	1293023	1287826	0.63	cps
Rhodium	103-2	740959	740990	736405	739451	0.36	cps
Scandium	45-1	673597	680349	687275	680407	1.01	cps
Scandium	45-2	60470	60617	60754	60614	0.23	cps
Selenium	82-1	74	30	54	53	41.26	cps
Selenium	77-2	30	37	33	33	10.01	cps
Selenium	78-2	77	47	83	69	28.35	cps
Silicon	28-1	6039743	6146865	6131053	6105887	0.95	cps
Silver	107-1	980	950	997	976	2.42	cps
Silver	109-1	953	970	977	967	1.24	cps
Sodium	23-2	24850	24460	24483	24597	0.89	cps
Strontium	86-1	63329	64316	63961	63869	0.78	cps
Strontium	88-1	550701	567623	568624	562316	1.79	cps
Sulfur	34-1	40347	39945	40878	40390	1.16	cps
Terbium	159-1	2482567	2539383	2555437	2525796	1.52	cps
Terbium	159-2	1492729	1496867	1490219	1493272	0.22	cps
Thallium	203-1	1067	1027	990	1028	3.73	cps
Thallium	205-1	2734	2787	2637	2719	2.80	cps
Tin	118-1	5695	5715	5788	5732	0.86	cps
Titanium	47-1	177801	181902	182145	180616	1.35	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-18	Instrumnet Name :	P7
Client Sample ID :	MYD9R8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:09:35	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9330	9637	9834	9600	2.64	cps
Vanadium	51-2	102116	103146	102246	102503	0.55	cps
Yttrium	89-1	2455375	2460070	2506873	2474106	1.15	cps
Yttrium	89-2	639660	638921	638332	638971	0.10	cps
Zinc	66-2	27649	26848	26978	27158	1.58	cps
Zirconium	90-1	52259	53902	52784	52982	1.58	cps
Zirconium	91-1	11791	12098	11945	11945	1.28	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-19	Instrumnet Name :	P7
Client Sample ID :	MYD9R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:13:01	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1921990	1968781	1907909	1932893	1.65	cps
Antimony	121-1	5221	5151	5238	5203	0.88	cps
Arsenic	75-2	19713	19560	19696	19656	0.43	cps
Barium	135-1	427621	440220	439651	435831	1.63	cps
Barium	137-1	752605	767233	769087	762975	1.18	cps
Beryllium	9-1	420	497	417	444	10.18	cps
Bismuth	209-1	1454576	1458858	1451036	1454823	0.27	cps
Bismuth	209-2	1100235	1101527	1102824	1101529	0.12	cps
Bromine	81-1	5268	5441	5368	5359	1.62	cps
Bromine	81-2	340	267	347	318	13.97	cps
Cadmium	108-1	163	133	123	140	14.87	cps
Cadmium	106-1	1050	1047	950	1016	5.59	cps
Cadmium	111-1	1264	1319	1249	1277	2.91	cps
Calcium	43-1	84406	86783	87990	86393	2.11	cps
Calcium	44-1	1302059	1318002	1310835	1310299	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92712	92683	89858	91751	1.79	cps
Cobalt	59-2	67919	68402	67313	67878	0.80	cps
Copper	63-2	139597	139829	137568	138998	0.89	cps
Dysprosium	156-1	26475	27183	27096	26918	1.43	cps
Dysprosium	156-2	21076	21006	20926	21002	0.36	cps
Erbium	164-1	19634	20315	20869	20273	3.05	cps
Erbium	164-2	13730	13263	12956	13316	2.93	cps
Gadolinium	160-1	23029	23373	23530	23311	1.10	cps
Gadolinium	160-2	16286	16023	16316	16208	1.00	cps
Holmium	165-1	2431524	2508055	2476139	2471906	1.56	cps
Holmium	165-2	1502640	1586580	1506147	1531789	3.10	cps
Indium	115-1	1545903	1558253	1585924	1563360	1.31	cps
Indium	115-2	507783	504695	505373	505950	0.32	cps
Iron	56-2	74692389	73395514	73170284	73752729	1.11	cps
Iron	57-2	1886776	1851723	1823746	1854081	1.70	cps
Iron	54-2	4046156	4003483	3985319	4011653	0.78	cps
Krypton	83-1	30	53	43	42	27.72	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-19	Instrumnet Name :	P7
Client Sample ID :	MYD9R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:13:01	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	117272	120596	120997	119622	1.71	cps
Lead	207-1	103735	106171	105408	105105	1.19	cps
Lead	208-1	470102	479250	479900	476417	1.15	cps
Lithium	6-1	219222	221112	221644	220659	0.58	cps
Magnesium	24-2	1582630	1604945	1571468	1586348	1.07	cps
Manganese	55-2	1845203	1832693	1821604	1833167	0.64	cps
Molybdenum	94-1	28531	29670	28975	29059	1.98	cps
Molybdenum	95-1	1603	1707	1857	1722	7.40	cps
Molybdenum	96-1	7742	7575	7855	7724	1.82	cps
Molybdenum	97-1	1037	1140	1043	1073	5.39	cps
Molybdenum	98-1	2640	2780	2687	2703	2.64	cps
Neodymium	150-1	44982	46249	46346	45859	1.66	cps
Neodymium	150-2	25860	26057	25189	25702	1.77	cps
Nickel	60-2	33377	33872	33347	33532	0.88	cps
Phosphorus	31-2	5221	5201	5148	5190	0.73	cps
Potassium	39-2	860772	855745	852978	856498	0.46	cps
Rhodium	103-1	1271860	1287578	1274696	1278045	0.66	cps
Rhodium	103-2	726824	730384	725735	727648	0.33	cps
Scandium	45-1	694920	702849	700433	699401	0.58	cps
Scandium	45-2	62418	62237	62307	62321	0.15	cps
Selenium	82-1	83	46	72	67	29.02	cps
Selenium	77-2	40	37	17	31	40.56	cps
Selenium	78-2	90	100	87	92	7.52	cps
Silicon	28-1	5801286	5865187	5887651	5851375	0.77	cps
Silver	107-1	757	840	907	834	9.01	cps
Silver	109-1	727	753	907	796	12.21	cps
Sodium	23-2	24887	24937	24790	24871	0.30	cps
Strontium	86-1	71157	72768	73462	72462	1.63	cps
Strontium	88-1	630054	639063	647101	638740	1.34	cps
Sulfur	34-1	38669	40009	40183	39620	2.09	cps
Terbium	159-1	2502279	2518202	2513170	2511217	0.32	cps
Terbium	159-2	1479585	1486523	1482426	1482845	0.24	cps
Thallium	203-1	1537	1437	1297	1423	8.47	cps
Thallium	205-1	3157	3287	3267	3237	2.16	cps
Tin	118-1	7005	7105	7012	7041	0.79	cps
Titanium	47-1	229500	233294	234533	232442	1.13	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4248-19	Instrumnet Name :	P7
Client Sample ID :	MYD9R9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:13:01	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12002	12423	12503	12309	2.18	cps
Vanadium	51-2	147172	149000	147869	148014	0.62	cps
Yttrium	89-1	2508682	2514730	2515985	2513133	0.16	cps
Yttrium	89-2	647346	649344	646892	647861	0.20	cps
Zinc	66-2	34346	34296	34223	34288	0.18	cps
Zirconium	90-1	73184	75161	75962	74769	1.91	cps
Zirconium	91-1	16079	16876	16750	16568	2.59	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-01	Instrumnet Name :	P7
Client Sample ID :	MYD9S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:16:27	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2350848	2366059	2385656	2367521	0.74	cps
Antimony	121-1	6038	5851	6045	5978	1.84	cps
Arsenic	75-2	19086	19042	18952	19027	0.36	cps
Barium	135-1	556158	566016	565074	562416	0.97	cps
Barium	137-1	980483	995314	995557	990452	0.87	cps
Beryllium	9-1	490	467	540	499	7.51	cps
Bismuth	209-1	1327201	1417816	1430385	1391801	4.04	cps
Bismuth	209-2	1097257	1103832	1095952	1099014	0.38	cps
Bromine	81-1	4928	4994	5174	5032	2.54	cps
Bromine	81-2	270	250	293	271	8.00	cps
Cadmium	108-1	177	123	143	148	18.23	cps
Cadmium	106-1	953	940	963	952	1.23	cps
Cadmium	111-1	1144	1158	1101	1134	2.64	cps
Calcium	43-1	250470	253543	253814	252609	0.74	cps
Calcium	44-1	3823669	3800786	3829653	3818036	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86523	85976	85735	86078	0.47	cps
Cobalt	59-2	70910	70374	71198	70827	0.59	cps
Copper	63-2	129444	127265	127739	128149	0.89	cps
Dysprosium	156-1	32902	33483	33209	33198	0.88	cps
Dysprosium	156-2	26261	26432	26141	26278	0.56	cps
Erbium	164-1	23767	24051	24274	24031	1.06	cps
Erbium	164-2	15896	15862	15545	15768	1.23	cps
Gadolinium	160-1	28202	28065	28833	28367	1.44	cps
Gadolinium	160-2	19944	19487	19400	19610	1.49	cps
Holmium	165-1	2254829	2443629	2438634	2379031	4.52	cps
Holmium	165-2	1517235	1598042	1591086	1568788	2.85	cps
Indium	115-1	1415199	1506353	1531701	1484418	4.13	cps
Indium	115-2	504181	506800	503644	504875	0.33	cps
Iron	56-2	75638451	75270997	76489122	75799523	0.82	cps
Iron	57-2	1887575	1877140	1883014	1882577	0.28	cps
Iron	54-2	4186618	4119893	4078636	4128382	1.32	cps
Krypton	83-1	70	63	60	64	7.90	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-01	Instrumnet Name :	P7
Client Sample ID :	MYD9S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:16:27	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	103185	104113	104482	103927	0.64	cps
Lead	207-1	88842	89915	91385	90047	1.42	cps
Lead	208-1	407989	412812	416236	412346	1.00	cps
Lithium	6-1	205835	216170	219301	213769	3.30	cps
Magnesium	24-2	1999877	1969452	1983650	1984326	0.77	cps
Manganese	55-2	2487340	2431638	2435476	2451485	1.27	cps
Molybdenum	94-1	27726	28504	27980	28070	1.41	cps
Molybdenum	95-1	1930	1980	2003	1971	1.90	cps
Molybdenum	96-1	7552	8112	7675	7780	3.78	cps
Molybdenum	97-1	1260	1177	1217	1218	3.42	cps
Molybdenum	98-1	3000	3080	2904	2995	2.95	cps
Neodymium	150-1	59277	60864	61420	60520	1.84	cps
Neodymium	150-2	33727	34195	33249	33724	1.40	cps
Nickel	60-2	39656	40204	39626	39828	0.82	cps
Phosphorus	31-2	6585	6615	6685	6628	0.77	cps
Potassium	39-2	760762	759656	756285	758901	0.31	cps
Rhodium	103-1	1163934	1229293	1256739	1216655	3.92	cps
Rhodium	103-2	722781	727870	719806	723486	0.56	cps
Scandium	45-1	661704	694043	707726	687825	3.44	cps
Scandium	45-2	62411	63475	62916	62934	0.85	cps
Selenium	82-1	49	38	31	39	23.28	cps
Selenium	77-2	57	30	40	42	31.91	cps
Selenium	78-2	110	73	87	90	20.62	cps
Silicon	28-1	5781875	5813965	5758517	5784786	0.48	cps
Silver	107-1	673	637	567	626	8.66	cps
Silver	109-1	527	547	547	540	2.14	cps
Sodium	23-2	27258	27081	27451	27263	0.68	cps
Strontium	86-1	109906	113970	113379	112418	1.95	cps
Strontium	88-1	980121	1003908	1007116	997049	1.48	cps
Sulfur	34-1	38799	39103	38148	38683	1.26	cps
Terbium	159-1	2324722	2438716	2491276	2418238	3.52	cps
Terbium	159-2	1486627	1501574	1489974	1492725	0.53	cps
Thallium	203-1	1470	1520	1530	1507	2.13	cps
Thallium	205-1	3584	3494	3534	3537	1.27	cps
Tin	118-1	6095	6525	6378	6333	3.45	cps
Titanium	47-1	240718	242509	243454	242227	0.57	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-01	Instrumnet Name :	P7
Client Sample ID :	MYD9S1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:16:27	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10131	10734	10381	10415	2.91	cps
Vanadium	51-2	154605	153579	153295	153826	0.45	cps
Yttrium	89-1	2313286	2491109	2543210	2449202	4.92	cps
Yttrium	89-2	664482	660488	659167	661379	0.42	cps
Zinc	66-2	34386	35081	35074	34847	1.15	cps
Zirconium	90-1	69031	71922	71978	70977	2.37	cps
Zirconium	91-1	15839	15872	16216	15975	1.31	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-02	Instrumnet Name :	P7
Client Sample ID :	MYD9S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:19:50	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1386181	1380251	1354447	1373626	1.23	cps
Antimony	121-1	6582	6805	6688	6692	1.67	cps
Arsenic	75-2	14190	14380	14844	14472	2.32	cps
Barium	135-1	295289	300715	303334	299779	1.37	cps
Barium	137-1	517420	527701	531149	525423	1.36	cps
Beryllium	9-1	393	357	487	412	16.26	cps
Bismuth	209-1	1454284	1483145	1493576	1477002	1.38	cps
Bismuth	209-2	1118170	1137879	1109418	1121822	1.30	cps
Bromine	81-1	4337	4464	4467	4423	1.68	cps
Bromine	81-2	97	70	117	94	24.79	cps
Cadmium	108-1	140	70	127	112	33.12	cps
Cadmium	106-1	967	903	897	922	4.19	cps
Cadmium	111-1	1192	1320	1209	1240	5.60	cps
Calcium	43-1	34910	35518	34870	35099	1.03	cps
Calcium	44-1	565166	572440	572086	569897	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76151	75260	75494	75635	0.61	cps
Cobalt	59-2	57285	57871	57001	57386	0.77	cps
Copper	63-2	150215	149407	148909	149510	0.44	cps
Dysprosium	156-1	24161	24528	24809	24499	1.33	cps
Dysprosium	156-2	19383	19347	18709	19146	1.98	cps
Erbium	164-1	16613	17274	17034	16974	1.97	cps
Erbium	164-2	11231	10994	10928	11051	1.44	cps
Gadolinium	160-1	20051	20315	20138	20168	0.67	cps
Gadolinium	160-2	13764	13907	13527	13732	1.40	cps
Holmium	165-1	2478800	2489456	2512276	2493511	0.69	cps
Holmium	165-2	1596197	1582573	1583722	1587497	0.48	cps
Indium	115-1	1554999	1572661	1561769	1563143	0.57	cps
Indium	115-2	510377	516504	504899	510594	1.14	cps
Iron	56-2	67151986	66403039	65694132	66416386	1.10	cps
Iron	57-2	1664015	1648464	1656760	1656413	0.47	cps
Iron	54-2	3657114	3649872	3654969	3653985	0.10	cps
Krypton	83-1	53	73	50	59	21.43	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-02	Instrumnet Name :	P7
Client Sample ID :	MYD9S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:19:50	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	133661	136448	137498	135869	1.46	cps
Lead	207-1	116339	118867	121743	118983	2.27	cps
Lead	208-1	529057	543897	548658	540537	1.89	cps
Lithium	6-1	214103	216082	217245	215810	0.74	cps
Magnesium	24-2	1107078	1099240	1091702	1099340	0.70	cps
Manganese	55-2	1916746	1920985	1929316	1922349	0.33	cps
Molybdenum	94-1	18682	18765	19156	18868	1.34	cps
Molybdenum	95-1	1520	1597	1580	1566	2.58	cps
Molybdenum	96-1	5695	5805	5695	5731	1.11	cps
Molybdenum	97-1	973	957	1017	982	3.15	cps
Molybdenum	98-1	2447	2480	2524	2484	1.55	cps
Neodymium	150-1	40414	41039	41461	40971	1.28	cps
Neodymium	150-2	22575	23082	22311	22656	1.73	cps
Nickel	60-2	28738	28868	28885	28830	0.28	cps
Phosphorus	31-2	3747	3877	3837	3821	1.74	cps
Potassium	39-2	684753	680323	673655	679577	0.82	cps
Rhodium	103-1	1275379	1302363	1292706	1290149	1.06	cps
Rhodium	103-2	736912	738027	728510	734483	0.71	cps
Scandium	45-1	671622	682451	677336	677137	0.80	cps
Scandium	45-2	60189	61966	59694	60616	1.97	cps
Selenium	82-1	34	41	28	34	19.90	cps
Selenium	77-2	53	40	23	39	38.65	cps
Selenium	78-2	73	67	67	69	5.58	cps
Silicon	28-1	5221464	5342452	5293844	5285920	1.15	cps
Silver	107-1	793	820	767	793	3.36	cps
Silver	109-1	750	803	703	752	6.65	cps
Sodium	23-2	21722	22146	22253	22040	1.27	cps
Strontium	86-1	34350	34604	35045	34666	1.01	cps
Strontium	88-1	302014	307479	308047	305847	1.09	cps
Sulfur	34-1	38121	37680	36547	37449	2.17	cps
Terbium	159-1	2487502	2518615	2533092	2513070	0.93	cps
Terbium	159-2	1494749	1508939	1480013	1494567	0.97	cps
Thallium	203-1	1747	1827	1810	1795	2.35	cps
Thallium	205-1	4067	4167	4317	4184	3.01	cps
Tin	118-1	6408	6932	6582	6640	4.02	cps
Titanium	47-1	217009	220966	222515	220163	1.29	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-02	Instrumnet Name :	P7
Client Sample ID :	MYD9S2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:19:50	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11809	12076	12449	12111	2.66	cps
Vanadium	51-2	120217	120520	120086	120274	0.18	cps
Yttrium	89-1	2460428	2555567	2521822	2512605	1.92	cps
Yttrium	89-2	640026	645910	632890	639609	1.02	cps
Zinc	66-2	44058	43974	44038	44024	0.10	cps
Zirconium	90-1	46446	48396	48828	47890	2.65	cps
Zirconium	91-1	10414	10961	10847	10741	2.69	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-03	Instrumnet Name :	P7
Client Sample ID :	MYD9S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:23:15	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2361388	2391865	2379187	2377480	0.64	cps
Antimony	121-1	5731	5798	5735	5755	0.65	cps
Arsenic	75-2	16613	16569	16659	16614	0.27	cps
Barium	135-1	543411	548753	545069	545744	0.50	cps
Barium	137-1	952226	955611	954750	954196	0.18	cps
Beryllium	9-1	503	643	533	560	13.16	cps
Bismuth	209-1	1429650	1421122	1420533	1423768	0.36	cps
Bismuth	209-2	1063353	1060343	1080212	1067970	1.00	cps
Bromine	81-1	5028	5061	5134	5074	1.08	cps
Bromine	81-2	237	253	240	243	3.63	cps
Cadmium	108-1	133	93	110	112	17.91	cps
Cadmium	106-1	940	1077	1033	1017	6.87	cps
Cadmium	111-1	885	1138	1040	1021	12.53	cps
Calcium	43-1	304608	308067	308965	307213	0.75	cps
Calcium	44-1	4706403	4701635	4766946	4724995	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87847	88779	89051	88559	0.71	cps
Cobalt	59-2	72732	71981	71526	72080	0.84	cps
Copper	63-2	117993	118242	116996	117744	0.56	cps
Dysprosium	156-1	31926	32331	32889	32382	1.49	cps
Dysprosium	156-2	25149	25303	25012	25155	0.58	cps
Erbium	164-1	22919	23834	23083	23278	2.10	cps
Erbium	164-2	15068	14634	14981	14895	1.54	cps
Gadolinium	160-1	27891	27884	27400	27725	1.02	cps
Gadolinium	160-2	18389	18399	18586	18458	0.60	cps
Holmium	165-1	2438246	2477365	2453293	2456301	0.80	cps
Holmium	165-2	1476542	1469728	1492681	1479650	0.80	cps
Indium	115-1	1524683	1520392	1527433	1524170	0.23	cps
Indium	115-2	487203	490342	494113	490553	0.71	cps
Iron	56-2	79492452	79133005	78459117	79028192	0.66	cps
Iron	57-2	1968192	1966575	1967036	1967268	0.04	cps
Iron	54-2	4309463	4288058	4305112	4300877	0.26	cps
Krypton	83-1	47	40	57	48	17.56	cps

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LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-03	Instrumnet Name :	P7
Client Sample ID :	MYD9S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:23:15	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	79934	79340	79357	79544	0.42	cps
Lead	207-1	67534	67547	68136	67739	0.51	cps
Lead	208-1	311277	310939	309452	310556	0.31	cps
Lithium	6-1	210390	210543	210102	210345	0.11	cps
Magnesium	24-2	2005629	1979290	1969322	1984747	0.95	cps
Manganese	55-2	1668604	1660373	1684805	1671261	0.74	cps
Molybdenum	94-1	28919	28731	28962	28871	0.42	cps
Molybdenum	95-1	1433	1503	1370	1436	4.65	cps
Molybdenum	96-1	7532	7575	7599	7569	0.45	cps
Molybdenum	97-1	953	823	913	897	7.43	cps
Molybdenum	98-1	2060	2264	2230	2185	4.99	cps
Neodymium	150-1	57600	59535	58230	58455	1.69	cps
Neodymium	150-2	32006	32494	33256	32585	1.93	cps
Nickel	60-2	41691	41407	41758	41619	0.45	cps
Phosphorus	31-2	6165	6138	6005	6102	1.41	cps
Potassium	39-2	679713	676415	672170	676099	0.56	cps
Rhodium	103-1	1246228	1237805	1238622	1240885	0.37	cps
Rhodium	103-2	696496	696780	705440	699572	0.73	cps
Scandium	45-1	695417	693464	692417	693766	0.22	cps
Scandium	45-2	60704	61012	61973	61230	1.08	cps
Selenium	82-1	61	48	38	49	22.89	cps
Selenium	77-2	23	57	47	42	40.52	cps
Selenium	78-2	80	87	83	83	4.00	cps
Silicon	28-1	5619638	5653635	5616265	5629846	0.37	cps
Silver	107-1	523	490	460	491	6.45	cps
Silver	109-1	413	420	420	418	0.92	cps
Sodium	23-2	24179	24243	24830	24417	1.47	cps
Strontium	86-1	123876	125479	126115	125157	0.92	cps
Strontium	88-1	1102652	1113186	1114963	1110267	0.60	cps
Sulfur	34-1	39200	39274	39578	39351	0.51	cps
Terbium	159-1	2494862	2458397	2484591	2479284	0.76	cps
Terbium	159-2	1452578	1443849	1460433	1452287	0.57	cps
Thallium	203-1	1870	1944	1767	1860	4.77	cps
Thallium	205-1	4617	4477	4534	4543	1.55	cps
Tin	118-1	8196	8453	8719	8456	3.10	cps
Titanium	47-1	245624	246268	245294	245729	0.20	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-03	Instrumnet Name :	P7
Client Sample ID :	MYD9S3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:23:15	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12046	12439	11935	12140	2.18	cps
Vanadium	51-2	156993	156468	156222	156561	0.25	cps
Yttrium	89-1	2511633	2507639	2533885	2517719	0.56	cps
Yttrium	89-2	637387	634828	641026	637747	0.49	cps
Zinc	66-2	38519	38657	38476	38551	0.24	cps
Zirconium	90-1	73094	73305	74032	73477	0.67	cps
Zirconium	91-1	16746	16870	16486	16701	1.17	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-04	Instrumnet Name :	P7
Client Sample ID :	MYD9S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:26:38	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1849883	1877704	1835965	1854517	1.15	cps
Antimony	121-1	11655	12342	11938	11978	2.88	cps
Arsenic	75-2	16296	16199	16623	16372	1.36	cps
Barium	135-1	298045	304089	305328	302487	1.29	cps
Barium	137-1	522002	531268	534124	529131	1.20	cps
Beryllium	9-1	490	520	563	524	7.03	cps
Bismuth	209-1	1438938	1444668	1438501	1440703	0.24	cps
Bismuth	209-2	1093799	1105281	1092947	1097342	0.63	cps
Bromine	81-1	4884	4671	4931	4829	2.87	cps
Bromine	81-2	143	170	160	158	8.54	cps
Cadmium	108-1	160	120	100	127	24.12	cps
Cadmium	106-1	1013	1013	1077	1034	3.53	cps
Cadmium	111-1	1117	1129	1200	1149	3.92	cps
Calcium	43-1	39896	41423	41540	40953	2.24	cps
Calcium	44-1	660610	676987	674448	670682	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80584	80771	81133	80829	0.35	cps
Cobalt	59-2	67682	67708	66396	67262	1.12	cps
Copper	63-2	135974	135631	136670	136092	0.39	cps
Dysprosium	156-1	27200	27143	27737	27360	1.20	cps
Dysprosium	156-2	20976	21229	21026	21077	0.64	cps
Erbium	164-1	19590	20131	20141	19954	1.58	cps
Erbium	164-2	12776	13039	12612	12809	1.68	cps
Gadolinium	160-1	23800	23880	23961	23880	0.34	cps
Gadolinium	160-2	16290	16370	16340	16333	0.25	cps
Holmium	165-1	2403406	2450015	2414329	2422583	1.01	cps
Holmium	165-2	1486659	1511299	1569825	1522594	2.81	cps
Indium	115-1	1529365	1525345	1534257	1529656	0.29	cps
Indium	115-2	498298	500807	500930	500012	0.30	cps
Iron	56-2	71209517	71223992	70983374	71138961	0.19	cps
Iron	57-2	1788131	1756198	1789956	1778095	1.07	cps
Iron	54-2	3861394	3840461	3826967	3842941	0.45	cps
Krypton	83-1	70	20	33	41	62.98	cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-04	Instrumnet Name :	P7
Client Sample ID :	MYD9S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:26:38	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	106444	109561	109135	108380	1.56	cps
Lead	207-1	91086	93760	94056	92967	1.76	cps
Lead	208-1	421368	432550	434750	429556	1.67	cps
Lithium	6-1	210062	209903	211751	210572	0.49	cps
Magnesium	24-2	1221977	1216136	1208942	1215685	0.54	cps
Manganese	55-2	1228211	1227700	1225546	1227152	0.12	cps
Molybdenum	94-1	29062	29396	29817	29425	1.29	cps
Molybdenum	95-1	1587	1413	1527	1509	5.83	cps
Molybdenum	96-1	7569	7575	7972	7705	3.00	cps
Molybdenum	97-1	947	987	1023	986	3.89	cps
Molybdenum	98-1	2330	2234	2550	2371	6.84	cps
Neodymium	150-1	47944	49045	48925	48638	1.24	cps
Neodymium	150-2	27136	26715	26261	26704	1.64	cps
Nickel	60-2	31567	31603	31356	31509	0.42	cps
Phosphorus	31-2	4031	4147	4167	4115	1.79	cps
Potassium	39-2	782759	779707	772647	778371	0.67	cps
Rhodium	103-1	1256603	1256977	1258987	1257522	0.10	cps
Rhodium	103-2	708268	722342	714223	714944	0.99	cps
Scandium	45-1	672490	679242	678754	676828	0.56	cps
Scandium	45-2	59767	60262	60048	60026	0.41	cps
Selenium	82-1	21	95	73	63	59.88	cps
Selenium	77-2	53	60	37	50	24.03	cps
Selenium	78-2	80	70	100	83	18.33	cps
Silicon	28-1	5800687	5836336	5776676	5804566	0.52	cps
Silver	107-1	673	643	750	689	7.99	cps
Silver	109-1	573	660	630	621	7.09	cps
Sodium	23-2	21719	22450	22186	22118	1.67	cps
Strontium	86-1	44912	45955	45233	45366	1.18	cps
Strontium	88-1	397842	400632	402071	400182	0.54	cps
Sulfur	34-1	37082	37516	36377	36991	1.55	cps
Terbium	159-1	2479259	2490031	2487483	2485591	0.23	cps
Terbium	159-2	1454261	1469334	1471348	1464981	0.64	cps
Thallium	203-1	1497	1463	1433	1465	2.16	cps
Thallium	205-1	3310	3177	3430	3306	3.83	cps
Tin	118-1	6175	6131	6201	6169	0.57	cps
Titanium	47-1	245063	248179	247529	246923	0.67	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-04	Instrumnet Name :	P7
Client Sample ID :	MYD9S4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:26:38	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13841	14351	14611	14268	2.75	cps
Vanadium	51-2	129516	129332	127933	128927	0.67	cps
Yttrium	89-1	2484555	2467927	2477464	2476649	0.34	cps
Yttrium	89-2	631751	636687	639089	635842	0.59	cps
Zinc	66-2	29018	29429	28527	28991	1.56	cps
Zirconium	90-1	74233	76075	75660	75323	1.28	cps
Zirconium	91-1	16683	17234	17280	17066	1.95	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-05	Instrumnet Name :	P7
Client Sample ID :	MYD9S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:30:04	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2370921	2342950	2356690	2356854	0.59	cps
Antimony	121-1	5678	5825	5901	5801	1.96	cps
Arsenic	75-2	18382	18522	18662	18522	0.76	cps
Barium	135-1	474955	480595	480007	478519	0.65	cps
Barium	137-1	832052	844538	844013	840201	0.84	cps
Beryllium	9-1	637	567	507	570	11.42	cps
Bismuth	209-1	1412507	1406648	1400947	1406701	0.41	cps
Bismuth	209-2	1061796	1060694	1053699	1058729	0.41	cps
Bromine	81-1	5918	5888	5765	5857	1.39	cps
Bromine	81-2	430	440	310	393	18.39	cps
Cadmium	108-1	90	143	130	121	22.92	cps
Cadmium	106-1	1060	887	977	974	8.90	cps
Cadmium	111-1	1012	844	993	950	9.71	cps
Calcium	43-1	267329	270981	269785	269365	0.69	cps
Calcium	44-1	4075715	4146470	4127950	4116712	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85343	85473	84518	85111	0.61	cps
Cobalt	59-2	119481	119957	120791	120076	0.55	cps
Copper	63-2	95975	96186	96320	96160	0.18	cps
Dysprosium	156-1	32397	32344	32932	32558	1.00	cps
Dysprosium	156-2	25062	25196	25052	25104	0.32	cps
Erbium	164-1	22855	23543	23189	23196	1.48	cps
Erbium	164-2	14715	14488	14511	14571	0.86	cps
Gadolinium	160-1	27958	27991	27697	27882	0.58	cps
Gadolinium	160-2	19020	18589	18699	18769	1.19	cps
Holmium	165-1	2430025	2418607	2408934	2419189	0.44	cps
Holmium	165-2	1463939	1461695	1451617	1459084	0.45	cps
Indium	115-1	1497495	1511799	1505059	1504784	0.48	cps
Indium	115-2	490392	487424	483961	487259	0.66	cps
Iron	56-2	70947854	71203647	71202522	71118008	0.21	cps
Iron	57-2	1793959	1757861	1779414	1777078	1.02	cps
Iron	54-2	3928468	3932332	3871541	3910781	0.87	cps
Krypton	83-1	37	20	53	37	45.45	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-05	Instrumnet Name :	P7
Client Sample ID :	MYD9S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:30:04	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	92348	93020	93775	93047	0.77	cps
Lead	207-1	76514	77184	78686	77461	1.44	cps
Lead	208-1	357623	360886	360564	359691	0.50	cps
Lithium	6-1	208487	209218	207269	208325	0.47	cps
Magnesium	24-2	1771134	1747164	1742128	1753476	0.88	cps
Manganese	55-2	1632512	1658210	1661522	1650748	0.96	cps
Molybdenum	94-1	29921	30635	30452	30336	1.22	cps
Molybdenum	95-1	1217	1130	1113	1153	4.81	cps
Molybdenum	96-1	7002	7415	7545	7321	3.88	cps
Molybdenum	97-1	640	710	673	674	5.19	cps
Molybdenum	98-1	1853	1620	1577	1683	8.84	cps
Neodymium	150-1	60211	60505	60978	60565	0.64	cps
Neodymium	150-2	33095	33580	33032	33236	0.90	cps
Nickel	60-2	42838	43723	42838	43133	1.19	cps
Phosphorus	31-2	5068	5278	4687	5011	5.97	cps
Potassium	39-2	688952	689607	689375	689311	0.05	cps
Rhodium	103-1	1236697	1231890	1227005	1231864	0.39	cps
Rhodium	103-2	692848	694080	690171	692366	0.29	cps
Scandium	45-1	681736	680173	677432	679780	0.32	cps
Scandium	45-2	60590	60530	59466	60196	1.05	cps
Selenium	82-1	55	88	66	70	24.03	cps
Selenium	77-2	33	57	27	39	40.51	cps
Selenium	78-2	90	103	70	88	19.11	cps
Silicon	28-1	5337813	5311389	5311562	5320254	0.29	cps
Silver	107-1	483	543	563	530	7.86	cps
Silver	109-1	470	437	480	462	4.91	cps
Sodium	23-2	22466	22764	22977	22736	1.13	cps
Strontium	86-1	99476	99704	100040	99740	0.28	cps
Strontium	88-1	872425	881569	881221	878405	0.59	cps
Sulfur	34-1	38401	39361	39107	38956	1.28	cps
Terbium	159-1	2457059	2471091	2493785	2473978	0.75	cps
Terbium	159-2	1432520	1440704	1419984	1431069	0.73	cps
Thallium	203-1	1673	1600	1633	1636	2.24	cps
Thallium	205-1	3907	3861	3931	3899	0.91	cps
Tin	118-1	8476	8879	8603	8653	2.39	cps
Titanium	47-1	236383	240603	239211	238732	0.90	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-05	Instrumnet Name :	P7
Client Sample ID :	MYD9S5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:30:04	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10694	10714	10721	10710	0.13	cps
Vanadium	51-2	136540	135454	137156	136383	0.63	cps
Yttrium	89-1	2431264	2461781	2450892	2447979	0.63	cps
Yttrium	89-2	633466	634341	629033	632280	0.45	cps
Zinc	66-2	32231	32385	32358	32325	0.25	cps
Zirconium	90-1	78348	78632	79091	78690	0.48	cps
Zirconium	91-1	17484	17631	17871	17662	1.11	cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-06	Instrumnet Name :	P7
Client Sample ID :	MYD9S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:33:26	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2092215	2061547	2118144	2090635	1.36	cps
Antimony	121-1	5591	5608	5291	5497	3.24	cps
Arsenic	75-2	13967	13403	13540	13636	2.16	cps
Barium	135-1	648121	655369	651015	651501	0.56	cps
Barium	137-1	1137576	1142832	1146260	1142223	0.38	cps
Beryllium	9-1	497	423	450	457	8.13	cps
Bismuth	209-1	1378989	1384373	1381094	1381485	0.20	cps
Bismuth	209-2	1042935	1047046	1050570	1046850	0.37	cps
Bromine	81-1	4454	4501	4727	4561	3.21	cps
Bromine	81-2	267	203	220	230	14.27	cps
Cadmium	108-1	147	140	170	152	10.35	cps
Cadmium	106-1	940	937	943	940	0.35	cps
Cadmium	111-1	1522	1664	1648	1612	4.83	cps
Calcium	43-1	372474	374622	377471	374855	0.67	cps
Calcium	44-1	5671928	5792420	5739320	5734556	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73923	73354	73635	73637	0.39	cps
Cobalt	59-2	68164	67347	66667	67392	1.11	cps
Copper	63-2	105538	106233	106203	105992	0.37	cps
Dysprosium	156-1	28626	29528	29381	29178	1.66	cps
Dysprosium	156-2	22451	22461	22602	22505	0.37	cps
Erbium	164-1	20899	20969	20992	20954	0.23	cps
Erbium	164-2	13356	13537	13620	13504	1.00	cps
Gadolinium	160-1	24294	24545	25079	24639	1.63	cps
Gadolinium	160-2	16506	17024	16633	16721	1.61	cps
Holmium	165-1	2349003	2339055	2394846	2360968	1.26	cps
Holmium	165-2	1440708	1455952	1448482	1448381	0.53	cps
Indium	115-1	1467164	1474179	1478457	1473267	0.39	cps
Indium	115-2	482990	481369	481890	482083	0.17	cps
Iron	56-2	69775469	69836784	70316186	69976146	0.42	cps
Iron	57-2	1739861	1759332	1741113	1746769	0.62	cps
Iron	54-2	3852403	3767910	3799568	3806627	1.12	cps
Krypton	83-1	53	53	77	61	22.05	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-06	Instrumnet Name :	P7
Client Sample ID :	MYD9S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:33:26	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	89849	92697	92587	91711	1.76	cps
Lead	207-1	77493	79313	78921	78576	1.22	cps
Lead	208-1	357506	363764	361152	360807	0.87	cps
Lithium	6-1	200471	200140	200154	200255	0.09	cps
Magnesium	24-2	1742653	1734763	1713570	1730329	0.87	cps
Manganese	55-2	3377654	3322881	3335433	3345323	0.86	cps
Molybdenum	94-1	24871	25188	25653	25237	1.56	cps
Molybdenum	95-1	1253	1337	1303	1298	3.23	cps
Molybdenum	96-1	6365	6378	6845	6529	4.19	cps
Molybdenum	97-1	650	747	803	733	10.57	cps
Molybdenum	98-1	1920	1663	1783	1789	7.18	cps
Neodymium	150-1	52661	51657	52370	52229	0.99	cps
Neodymium	150-2	28696	28766	28900	28787	0.36	cps
Nickel	60-2	42707	42447	42654	42603	0.32	cps
Phosphorus	31-2	6071	5788	5918	5926	2.39	cps
Potassium	39-2	575907	572467	572043	573472	0.37	cps
Rhodium	103-1	1207437	1204206	1206825	1206156	0.14	cps
Rhodium	103-2	685778	684273	685077	685043	0.11	cps
Scandium	45-1	652558	651540	653923	652674	0.18	cps
Scandium	45-2	58255	59212	58850	58772	0.82	cps
Selenium	82-1	61	47	4	37	79.48	cps
Selenium	77-2	40	47	57	48	17.56	cps
Selenium	78-2	97	67	107	90	23.13	cps
Silicon	28-1	4756124	4826637	4784961	4789241	0.74	cps
Silver	107-1	420	353	493	422	16.59	cps
Silver	109-1	333	427	420	393	13.24	cps
Sodium	23-2	24593	24333	24760	24562	0.88	cps
Strontium	86-1	138271	139473	139897	139214	0.61	cps
Strontium	88-1	1225680	1237977	1234190	1232616	0.51	cps
Sulfur	34-1	38298	38482	38986	38589	0.92	cps
Terbium	159-1	2432035	2394330	2416928	2414431	0.79	cps
Terbium	159-2	1423514	1420233	1434101	1425950	0.51	cps
Thallium	203-1	1493	1500	1403	1466	3.68	cps
Thallium	205-1	3440	3654	3677	3591	3.63	cps
Tin	118-1	7425	7489	7582	7499	1.05	cps
Titanium	47-1	222177	222978	222809	222655	0.19	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-06	Instrumnet Name :	P7
Client Sample ID :	MYD9S6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:33:26	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16066	16270	16020	16119	0.83	cps
Vanadium	51-2	126158	126199	125795	126051	0.18	cps
Yttrium	89-1	2397747	2421858	2389058	2402888	0.71	cps
Yttrium	89-2	624208	621412	616741	620787	0.61	cps
Zinc	66-2	69541	69370	69062	69324	0.35	cps
Zirconium	90-1	65384	66319	65552	65752	0.76	cps
Zirconium	91-1	14798	14537	15385	14907	2.91	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-07	Instrumnet Name :	P7
Client Sample ID :	MYD9S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:36:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1512382	1476571	1490246	1493066	1.21	cps
Antimony	121-1	5644	5965	5845	5818	2.78	cps
Arsenic	75-2	4254	4101	4211	4188	1.89	cps
Barium	135-1	192488	197023	195944	195152	1.21	cps
Barium	137-1	339398	345886	346104	343796	1.11	cps
Beryllium	9-1	487	437	423	449	7.44	cps
Bismuth	209-1	1386376	1400442	1404176	1396998	0.67	cps
Bismuth	209-2	1056981	1047014	1070961	1058318	1.14	cps
Bromine	81-1	4214	3914	4064	4064	3.69	cps
Bromine	81-2	83	63	93	80	19.09	cps
Cadmium	108-1	40	40	47	42	9.12	cps
Cadmium	106-1	673	850	863	796	13.33	cps
Cadmium	111-1	727	977	882	862	14.66	cps
Calcium	43-1	474449	480217	474960	476542	0.67	cps
Calcium	44-1	7292145	7334641	7222633	7283140	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58503	57880	58955	58446	0.92	cps
Cobalt	59-2	37002	38305	37480	37596	1.75	cps
Copper	63-2	63785	63691	62657	63378	0.99	cps
Dysprosium	156-1	20238	20702	21113	20684	2.12	cps
Dysprosium	156-2	15962	15749	16330	16014	1.83	cps
Erbium	164-1	20448	20352	20719	20506	0.93	cps
Erbium	164-2	13163	13009	13193	13122	0.75	cps
Gadolinium	160-1	19580	20325	20362	20089	2.19	cps
Gadolinium	160-2	13413	13203	13203	13273	0.91	cps
Holmium	165-1	2339488	2391053	2386287	2372276	1.20	cps
Holmium	165-2	1438132	1437538	1468404	1448025	1.22	cps
Indium	115-1	1459595	1464022	1460357	1461325	0.16	cps
Indium	115-2	474218	470986	476599	473934	0.59	cps
Iron	56-2	40843261	40896083	41301221	41013522	0.61	cps
Iron	57-2	1087485	1076590	1083180	1082418	0.51	cps
Iron	54-2	2260195	2249029	2258218	2255814	0.26	cps
Krypton	83-1	60	50	43	51	16.42	cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-07	Instrumnet Name :	P7
Client Sample ID :	MYD9S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:36:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	61478	62751	62413	62214	1.06	cps
Lead	207-1	50614	51323	50293	50743	1.04	cps
Lead	208-1	235082	238176	235528	236262	0.71	cps
Lithium	6-1	195479	195469	195499	195482	0.01	cps
Magnesium	24-2	2316080	2323953	2306723	2315585	0.37	cps
Manganese	55-2	820310	815295	817027	817544	0.31	cps
Molybdenum	94-1	3777	3917	4164	3953	4.95	cps
Molybdenum	95-1	1033	1107	1000	1047	5.21	cps
Molybdenum	96-1	2424	2270	2390	2361	3.42	cps
Molybdenum	97-1	620	710	760	697	10.18	cps
Molybdenum	98-1	1703	1817	1597	1706	6.45	cps
Neodymium	150-1	32050	32103	32507	32220	0.78	cps
Neodymium	150-2	17090	17297	17698	17362	1.78	cps
Nickel	60-2	18909	19713	18568	19063	3.08	cps
Phosphorus	31-2	15505	15528	15621	15551	0.40	cps
Potassium	39-2	454560	452265	446846	451223	0.88	cps
Rhodium	103-1	1184599	1186285	1186771	1185885	0.10	cps
Rhodium	103-2	669773	669302	676178	671751	0.57	cps
Scandium	45-1	626881	623483	618409	622925	0.68	cps
Scandium	45-2	56297	55243	55253	55598	1.09	cps
Selenium	82-1	33	31	48	37	23.95	cps
Selenium	77-2	30	10	27	22	48.22	cps
Selenium	78-2	37	97	53	62	49.78	cps
Silicon	28-1	4665867	4612325	4590461	4622884	0.84	cps
Silver	107-1	807	717	893	806	10.97	cps
Silver	109-1	737	723	800	753	5.44	cps
Sodium	23-2	58250	58939	58949	58712	0.68	cps
Strontium	86-1	63346	63392	64514	63751	1.04	cps
Strontium	88-1	564751	569174	567549	567158	0.39	cps
Sulfur	34-1	38545	38508	38552	38535	0.06	cps
Terbium	159-1	2459787	2429781	2452660	2447410	0.64	cps
Terbium	159-2	1408734	1410216	1433393	1417448	0.98	cps
Thallium	203-1	983	907	1030	973	6.40	cps
Thallium	205-1	2354	2304	2380	2346	1.66	cps
Tin	118-1	5584	5675	5634	5631	0.80	cps
Titanium	47-1	225494	225951	224675	225374	0.29	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-07	Instrumnet Name :	P7
Client Sample ID :	MYD9S7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:36:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26827	27154	27512	27164	1.26	cps
Vanadium	51-2	100877	101790	101535	101401	0.46	cps
Yttrium	89-1	2490228	2470030	2454625	2471628	0.72	cps
Yttrium	89-2	636717	632103	635919	634913	0.39	cps
Zinc	66-2	30124	29786	29790	29900	0.65	cps
Zirconium	90-1	8389	8656	8689	8578	1.92	cps
Zirconium	91-1	2070	1797	2010	1959	7.33	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-08	Instrumnet Name :	P7
Client Sample ID :	MYD9S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:40:16	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1204449	1218395	1226978	1216607	0.93	cps
Antimony	121-1	9156	9263	9223	9214	0.59	cps
Arsenic	75-2	12882	12525	12602	12670	1.48	cps
Barium	135-1	288427	296792	298966	294728	1.89	cps
Barium	137-1	509901	520691	521533	517375	1.25	cps
Beryllium	9-1	357	370	370	366	2.11	cps
Bismuth	209-1	1429017	1447907	1445650	1440858	0.72	cps
Bismuth	209-2	1099004	1102174	1097997	1099725	0.20	cps
Bromine	81-1	4948	5048	5098	5031	1.52	cps
Bromine	81-2	213	203	163	193	13.68	cps
Cadmium	108-1	107	100	123	110	10.93	cps
Cadmium	106-1	933	793	940	889	9.32	cps
Cadmium	111-1	1152	1085	1258	1165	7.49	cps
Calcium	43-1	110018	112970	115606	112865	2.48	cps
Calcium	44-1	1673019	1724499	1732658	1710058	1.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63951	64353	64095	64133	0.32	cps
Cobalt	59-2	49501	48197	48889	48862	1.34	cps
Copper	63-2	129235	130459	131360	130351	0.82	cps
Dysprosium	156-1	20525	20218	20128	20290	1.03	cps
Dysprosium	156-2	15502	15352	15772	15542	1.37	cps
Erbium	164-1	14181	14544	14975	14567	2.73	cps
Erbium	164-2	9667	9577	9767	9670	0.98	cps
Gadolinium	160-1	17040	17401	17217	17220	1.05	cps
Gadolinium	160-2	11872	11762	11858	11831	0.51	cps
Holmium	165-1	2335979	2451616	2437300	2408298	2.62	cps
Holmium	165-2	1498692	1489475	1477767	1488645	0.70	cps
Indium	115-1	1502288	1531731	1520055	1518025	0.98	cps
Indium	115-2	499481	499172	499508	499387	0.04	cps
Iron	56-2	53703226	53729203	54642743	54025057	0.99	cps
Iron	57-2	1414855	1414825	1415814	1415164	0.04	cps
Iron	54-2	2940901	2932595	2998574	2957356	1.22	cps
Krypton	83-1	53	40	50	48	14.52	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-08	Instrumnet Name :	P7
Client Sample ID :	MYD9S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:40:16	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	349707	353532	360603	354614	1.56	cps
Lead	207-1	308787	312705	317928	313140	1.46	cps
Lead	208-1	1409621	1419076	1442994	1423897	1.21	cps
Lithium	6-1	194521	198767	198831	197373	1.25	cps
Magnesium	24-2	1027638	1033141	1034068	1031616	0.34	cps
Manganese	55-2	1249025	1243663	1249640	1247443	0.26	cps
Molybdenum	94-1	18278	19423	19820	19174	4.18	cps
Molybdenum	95-1	1470	1507	1463	1480	1.58	cps
Molybdenum	96-1	5761	5601	5828	5730	2.03	cps
Molybdenum	97-1	963	1093	967	1008	7.35	cps
Molybdenum	98-1	2487	2647	2627	2587	3.37	cps
Neodymium	150-1	33443	34569	34151	34054	1.67	cps
Neodymium	150-2	19277	19353	18973	19201	1.05	cps
Nickel	60-2	24884	25351	24483	24906	1.74	cps
Phosphorus	31-2	4844	4764	4978	4862	2.22	cps
Potassium	39-2	615436	614247	618568	616084	0.36	cps
Rhodium	103-1	1245984	1256743	1253068	1251932	0.44	cps
Rhodium	103-2	721234	717108	716829	718390	0.34	cps
Scandium	45-1	636494	651406	650644	646181	1.30	cps
Scandium	45-2	58165	57760	58683	58202	0.80	cps
Selenium	82-1	48	60	39	49	21.62	cps
Selenium	77-2	33	17	23	24	34.31	cps
Selenium	78-2	80	70	73	74	6.84	cps
Silicon	28-1	4995634	5115302	5106209	5072382	1.31	cps
Silver	107-1	727	820	840	796	7.60	cps
Silver	109-1	763	793	763	773	2.24	cps
Sodium	23-2	19993	20470	20404	20289	1.27	cps
Strontium	86-1	78404	80116	81262	79927	1.80	cps
Strontium	88-1	690662	707852	718989	705834	2.02	cps
Sulfur	34-1	41764	42228	41416	41803	0.97	cps
Terbium	159-1	2415116	2482944	2471804	2456622	1.48	cps
Terbium	159-2	1459121	1458792	1458795	1458903	0.01	cps
Thallium	203-1	1147	1180	1063	1130	5.32	cps
Thallium	205-1	2624	2687	2824	2711	3.77	cps
Tin	118-1	5861	6301	6111	6091	3.62	cps
Titanium	47-1	182546	189558	188292	186799	2.00	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-08	Instrumnet Name :	P7
Client Sample ID :	MYD9S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:40:16	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10094	10491	10761	10449	3.21	cps
Vanadium	51-2	103304	103529	104703	103845	0.72	cps
Yttrium	89-1	2375902	2405067	2377060	2386010	0.69	cps
Yttrium	89-2	623316	622219	615418	620318	0.69	cps
Zinc	66-2	35783	36702	36284	36256	1.27	cps
Zirconium	90-1	47640	48841	49487	48656	1.93	cps
Zirconium	91-1	11131	11138	11034	11101	0.52	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-09	Instrumnet Name :	P7
Client Sample ID :	MYD9S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:43:43	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1336567	1333871	1320585	1330341	0.64	cps
Antimony	121-1	6972	7122	7679	7257	5.13	cps
Arsenic	75-2	17540	18165	17794	17833	1.76	cps
Barium	135-1	224167	228244	229174	227195	1.17	cps
Barium	137-1	393900	398991	402900	398597	1.13	cps
Beryllium	9-1	300	443	413	386	19.61	cps
Bismuth	209-1	1410539	1429847	1435706	1425364	0.92	cps
Bismuth	209-2	1087613	1080738	1085598	1084650	0.33	cps
Bromine	81-1	5391	5094	5168	5218	2.96	cps
Bromine	81-2	307	260	280	282	8.29	cps
Cadmium	108-1	80	127	87	98	25.81	cps
Cadmium	106-1	957	930	907	931	2.69	cps
Cadmium	111-1	1150	992	1044	1062	7.58	cps
Calcium	43-1	95099	96987	96900	96329	1.11	cps
Calcium	44-1	1446521	1462849	1504016	1471129	2.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72449	73401	73696	73182	0.89	cps
Cobalt	59-2	51896	51565	50785	51415	1.11	cps
Copper	63-2	132225	132577	131145	131982	0.57	cps
Dysprosium	156-1	21764	21393	22094	21750	1.61	cps
Dysprosium	156-2	17327	16860	16657	16948	2.03	cps
Erbium	164-1	16303	16637	17151	16697	2.56	cps
Erbium	164-2	10364	10914	10247	10508	3.39	cps
Gadolinium	160-1	19013	18699	19140	18951	1.20	cps
Gadolinium	160-2	12786	13029	12766	12860	1.14	cps
Holmium	165-1	2366366	2405884	2423870	2398707	1.23	cps
Holmium	165-2	1467206	1469631	1464236	1467024	0.18	cps
Indium	115-1	1492691	1513553	1504184	1503476	0.69	cps
Indium	115-2	492050	491743	489552	491115	0.28	cps
Iron	56-2	63220691	63393384	62435487	63016521	0.81	cps
Iron	57-2	1583099	1585156	1563146	1577133	0.77	cps
Iron	54-2	3487884	3428615	3453868	3456789	0.86	cps
Krypton	83-1	47	33	43	41	16.89	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-09	Instrumnet Name :	P7
Client Sample ID :	MYD9S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:43:43	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	103787	106340	107457	105861	1.78	cps
Lead	207-1	91824	92741	94207	92924	1.29	cps
Lead	208-1	414686	423035	426647	421456	1.46	cps
Lithium	6-1	197294	200431	201484	199736	1.09	cps
Magnesium	24-2	979205	975575	973613	976131	0.29	cps
Manganese	55-2	1105487	1098981	1100954	1101807	0.30	cps
Molybdenum	94-1	21239	22244	21569	21684	2.36	cps
Molybdenum	95-1	1327	1523	1463	1438	7.01	cps
Molybdenum	96-1	6138	6465	6228	6277	2.69	cps
Molybdenum	97-1	980	1027	1013	1007	2.39	cps
Molybdenum	98-1	2397	2614	2400	2470	5.03	cps
Neodymium	150-1	37272	37590	38362	37741	1.48	cps
Neodymium	150-2	20805	21153	20622	20860	1.29	cps
Nickel	60-2	23919	24336	24387	24214	1.06	cps
Phosphorus	31-2	3560	3340	3280	3394	4.35	cps
Potassium	39-2	647630	645312	647594	646845	0.21	cps
Rhodium	103-1	1229165	1251740	1246282	1242395	0.95	cps
Rhodium	103-2	704117	708183	704711	705671	0.31	cps
Scandium	45-1	645820	655807	653039	651556	0.79	cps
Scandium	45-2	57706	57726	58807	58080	1.08	cps
Selenium	82-1	53	87	63	68	26.03	cps
Selenium	77-2	63	20	20	34	72.63	cps
Selenium	78-2	80	67	83	77	11.50	cps
Silicon	28-1	5393127	5484211	5549245	5475528	1.43	cps
Silver	107-1	767	660	733	720	7.58	cps
Silver	109-1	640	667	663	657	2.21	cps
Sodium	23-2	19603	19316	19265	19395	0.94	cps
Strontium	86-1	64463	63114	64812	64130	1.40	cps
Strontium	88-1	554422	565137	571143	563567	1.50	cps
Sulfur	34-1	39361	38438	37970	38590	1.83	cps
Terbium	159-1	2415989	2491858	2492616	2466821	1.78	cps
Terbium	159-2	1435052	1441048	1442953	1439684	0.29	cps
Thallium	203-1	1010	1027	1113	1050	5.28	cps
Thallium	205-1	2727	2590	2490	2602	4.57	cps
Tin	118-1	5925	5795	5614	5778	2.70	cps
Titanium	47-1	216663	221463	219766	219297	1.11	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-09	Instrumnet Name :	P7
Client Sample ID :	MYD9S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:43:43	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10541	10971	11101	10871	2.70	cps
Vanadium	51-2	123221	123917	123997	123712	0.35	cps
Yttrium	89-1	2390085	2398856	2397959	2395633	0.20	cps
Yttrium	89-2	610807	610566	614902	612092	0.40	cps
Zinc	66-2	27702	27161	27522	27462	1.00	cps
Zirconium	90-1	53377	54510	54885	54257	1.45	cps
Zirconium	91-1	12132	12465	12385	12327	1.41	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-10	Instrumnet Name :	P7
Client Sample ID :	MYD9T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:47:07	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	586070	583523	576144	581912	0.89	cps
Antimony	121-1	3104	3127	2974	3068	2.69	cps
Arsenic	75-2	4991	4921	4844	4919	1.49	cps
Barium	135-1	193242	191966	189816	191675	0.90	cps
Barium	137-1	339223	337028	336515	337589	0.43	cps
Beryllium	9-1	197	180	167	181	8.30	cps
Bismuth	209-1	1408860	1404124	1398153	1403712	0.38	cps
Bismuth	209-2	1050426	1047164	1043610	1047067	0.33	cps
Bromine	81-1	7665	7575	7926	7722	2.35	cps
Bromine	81-2	663	760	753	726	7.44	cps
Cadmium	108-1	27	33	23	28	18.33	cps
Cadmium	106-1	720	743	703	722	2.78	cps
Cadmium	111-1	625	650	656	644	2.53	cps
Calcium	43-1	376325	373799	369155	373093	0.97	cps
Calcium	44-1	5769712	5749950	5690934	5736865	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38365	37614	38335	38105	1.12	cps
Cobalt	59-2	32629	32679	32301	32536	0.63	cps
Copper	63-2	45445	45653	45342	45480	0.35	cps
Dysprosium	156-1	8583	8553	8539	8558	0.26	cps
Dysprosium	156-2	5951	6368	6422	6247	4.12	cps
Erbium	164-1	6725	6585	6638	6649	1.06	cps
Erbium	164-2	4204	4181	4161	4182	0.52	cps
Gadolinium	160-1	7549	7726	7592	7622	1.21	cps
Gadolinium	160-2	5254	5131	5188	5191	1.19	cps
Holmium	165-1	2364582	2311408	2341057	2339015	1.14	cps
Holmium	165-2	1410335	1399526	1403239	1404367	0.39	cps
Indium	115-1	1478757	1462540	1461312	1467536	0.66	cps
Indium	115-2	468335	465724	463691	465917	0.50	cps
Iron	56-2	18134172	18215519	17875242	18074978	0.98	cps
Iron	57-2	483372	480067	475817	479752	0.79	cps
Iron	54-2	1039750	1040962	1028522	1036411	0.66	cps
Krypton	83-1	37	27	43	36	23.58	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-10	Instrumnet Name :	P7
Client Sample ID :	MYD9T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:47:07	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40009	40166	39811	39995	0.44	cps
Lead	207-1	33953	34186	33401	33847	1.19	cps
Lead	208-1	157537	156241	154497	156092	0.98	cps
Lithium	6-1	195675	193357	190916	193316	1.23	cps
Magnesium	24-2	649806	645248	637088	644047	1.00	cps
Manganese	55-2	1258538	1261852	1244998	1255129	0.71	cps
Molybdenum	94-1	6185	5825	5801	5937	3.62	cps
Molybdenum	95-1	2760	2494	2454	2569	6.49	cps
Molybdenum	96-1	4014	3704	3634	3784	5.35	cps
Molybdenum	97-1	1660	1693	1603	1652	2.75	cps
Molybdenum	98-1	4057	4091	4117	4088	0.74	cps
Neodymium	150-1	14698	14331	14931	14653	2.07	cps
Neodymium	150-2	8036	8066	8102	8068	0.41	cps
Nickel	60-2	10464	10077	10120	10220	2.07	cps
Phosphorus	31-2	5284	5284	5294	5288	0.11	cps
Potassium	39-2	374790	373755	370875	373140	0.54	cps
Rhodium	103-1	1207562	1203371	1193966	1201633	0.58	cps
Rhodium	103-2	668757	667240	669926	668641	0.20	cps
Scandium	45-1	593349	587550	582888	587929	0.89	cps
Scandium	45-2	51547	51143	51116	51269	0.47	cps
Selenium	82-1	56	76	57	63	17.94	cps
Selenium	77-2	10	13	33	19	66.81	cps
Selenium	78-2	70	40	57	56	27.06	cps
Silicon	28-1	4224084	4157957	4130907	4170983	1.15	cps
Silver	107-1	247	300	277	274	9.74	cps
Silver	109-1	253	290	250	264	8.39	cps
Sodium	23-2	34305	34001	34489	34265	0.72	cps
Strontium	86-1	177772	174875	173172	175273	1.33	cps
Strontium	88-1	1560156	1576983	1552419	1563186	0.80	cps
Sulfur	34-1	54192	51767	50563	52174	3.54	cps
Terbium	159-1	2430088	2421797	2394878	2415588	0.76	cps
Terbium	159-2	1384448	1370831	1371041	1375440	0.57	cps
Thallium	203-1	6268	6105	6118	6164	1.47	cps
Thallium	205-1	15642	14621	14434	14899	4.36	cps
Tin	118-1	5258	5715	5321	5431	4.56	cps
Titanium	47-1	112259	114153	113018	113143	0.84	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-10	Instrumnet Name :	P7
Client Sample ID :	MYD9T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:47:07	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11935	12403	12513	12284	2.49	cps
Vanadium	51-2	46652	46869	46896	46806	0.29	cps
Yttrium	89-1	2223087	2246367	2220356	2229937	0.64	cps
Yttrium	89-2	558478	556819	561640	558979	0.44	cps
Zinc	66-2	24487	24377	24320	24394	0.35	cps
Zirconium	90-1	11645	11491	11888	11675	1.71	cps
Zirconium	91-1	2637	2714	2700	2684	1.53	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-11	Instrumnet Name :	P7
Client Sample ID :	MYD9T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:50:36	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2429533	2428335	2426019	2427962	0.07	cps
Antimony	121-1	10494	10474	10968	10645	2.63	cps
Arsenic	75-2	17530	17934	17474	17646	1.42	cps
Barium	135-1	553466	565774	576355	565198	2.03	cps
Barium	137-1	968093	997159	1007967	991073	2.08	cps
Beryllium	9-1	510	477	623	537	14.33	cps
Bismuth	209-1	1356531	1386511	1328795	1357279	2.13	cps
Bismuth	209-2	1051702	1064922	1072825	1063149	1.00	cps
Bromine	81-1	4451	4654	4657	4587	2.58	cps
Bromine	81-2	160	137	140	146	8.67	cps
Cadmium	108-1	153	163	140	152	7.69	cps
Cadmium	106-1	997	1027	990	1004	1.94	cps
Cadmium	111-1	1024	1071	1072	1055	2.61	cps
Calcium	43-1	152029	159049	160434	157171	2.87	cps
Calcium	44-1	2334993	2456808	2463927	2418576	3.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86761	86848	87824	87144	0.68	cps
Cobalt	59-2	69379	70946	70789	70372	1.23	cps
Copper	63-2	151003	150989	151881	151291	0.34	cps
Dysprosium	156-1	32290	33166	33286	32914	1.65	cps
Dysprosium	156-2	25937	26432	26408	26259	1.06	cps
Erbium	164-1	23219	23426	23800	23482	1.25	cps
Erbium	164-2	15319	15522	14991	15277	1.75	cps
Gadolinium	160-1	28011	28599	29324	28645	2.30	cps
Gadolinium	160-2	19761	19350	18956	19356	2.08	cps
Holmium	165-1	2339432	2385719	2249358	2324836	2.98	cps
Holmium	165-2	1449868	1547863	1479959	1492563	3.36	cps
Indium	115-1	1455942	1480469	1411148	1449186	2.43	cps
Indium	115-2	484216	487059	484477	485251	0.32	cps
Iron	56-2	78036584	78912107	78455494	78468062	0.56	cps
Iron	57-2	1980647	1961346	1972550	1971514	0.49	cps
Iron	54-2	4310147	4290157	4289336	4296547	0.27	cps
Krypton	83-1	37	43	50	43	15.38	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-11	Instrumnet Name :	P7
Client Sample ID :	MYD9T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:50:36	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	91389	93889	94913	93397	1.94	cps
Lead	207-1	78891	81845	83186	81307	2.70	cps
Lead	208-1	360871	371612	376802	369762	2.20	cps
Lithium	6-1	191173	197822	192144	193713	1.85	cps
Magnesium	24-2	2095978	2078970	2115627	2096858	0.87	cps
Manganese	55-2	1399240	1408762	1420119	1409374	0.74	cps
Molybdenum	94-1	33258	34464	34828	34183	2.40	cps
Molybdenum	95-1	1183	1267	1190	1213	3.82	cps
Molybdenum	96-1	8206	8289	8596	8364	2.46	cps
Molybdenum	97-1	803	790	823	806	2.08	cps
Molybdenum	98-1	1950	1897	2030	1959	3.43	cps
Neodymium	150-1	59729	62176	63093	61666	2.82	cps
Neodymium	150-2	34218	33994	34502	34238	0.74	cps
Nickel	60-2	42172	42925	42520	42539	0.89	cps
Phosphorus	31-2	7148	7682	7405	7412	3.60	cps
Potassium	39-2	654216	660775	660512	658501	0.56	cps
Rhodium	103-1	1189604	1213465	1165693	1189588	2.01	cps
Rhodium	103-2	692841	699927	699989	697586	0.59	cps
Scandium	45-1	652216	668157	648006	656126	1.62	cps
Scandium	45-2	59704	61019	60179	60300	1.10	cps
Selenium	82-1	77	63	42	61	29.18	cps
Selenium	77-2	53	47	43	48	10.66	cps
Selenium	78-2	93	100	97	97	3.45	cps
Silicon	28-1	4857567	4967956	5035496	4953673	1.81	cps
Silver	107-1	717	830	863	803	9.57	cps
Silver	109-1	693	760	670	708	6.60	cps
Sodium	23-2	24777	24954	25658	25129	1.86	cps
Strontium	86-1	141226	146486	146366	144693	2.08	cps
Strontium	88-1	1249858	1278688	1295939	1274828	1.83	cps
Sulfur	34-1	36687	36878	38084	37216	2.04	cps
Terbium	159-1	2387337	2412187	2290926	2363484	2.71	cps
Terbium	159-2	1422366	1427911	1448860	1433045	0.98	cps
Thallium	203-1	1293	1440	1503	1412	7.63	cps
Thallium	205-1	3177	3467	3517	3387	5.42	cps
Tin	118-1	7675	7956	7862	7831	1.82	cps
Titanium	47-1	258285	266254	271926	265489	2.58	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-11	Instrumnet Name :	P7
Client Sample ID :	MYD9T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:50:36	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13000	13210	13590	13267	2.26	cps
Vanadium	51-2	153713	153912	153083	153569	0.28	cps
Yttrium	89-1	2403290	2412125	2364475	2393297	1.06	cps
Yttrium	89-2	634527	638364	635279	636057	0.32	cps
Zinc	66-2	58531	58578	57922	58343	0.63	cps
Zirconium	90-1	86164	89189	90745	88699	2.63	cps
Zirconium	91-1	19683	19914	20805	20134	2.94	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-12	Instrumnet Name :	P7
Client Sample ID :	MYD9T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:53:59	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1517474	1511135	1523105	1517238	0.39	cps
Antimony	121-1	5554	5564	5695	5604	1.39	cps
Arsenic	75-2	12382	12429	12575	12462	0.81	cps
Barium	135-1	269536	278743	276685	274988	1.76	cps
Barium	137-1	473889	486548	487199	482545	1.56	cps
Beryllium	9-1	373	313	390	359	11.24	cps
Bismuth	209-1	1373887	1410188	1405041	1396372	1.41	cps
Bismuth	209-2	1078262	1095068	1072919	1082083	1.07	cps
Bromine	81-1	4331	4294	4257	4294	0.85	cps
Bromine	81-2	117	117	133	122	7.87	cps
Cadmium	108-1	47	47	43	46	4.23	cps
Cadmium	106-1	747	693	697	712	4.20	cps
Cadmium	111-1	750	703	757	737	4.03	cps
Calcium	43-1	61009	60841	61086	60978	0.20	cps
Calcium	44-1	974228	992037	988229	984831	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72460	72439	71923	72274	0.42	cps
Cobalt	59-2	62399	63135	62017	62517	0.91	cps
Copper	63-2	111226	110507	111088	110941	0.34	cps
Dysprosium	156-1	22745	23172	23129	23016	1.02	cps
Dysprosium	156-2	17451	18302	18145	17966	2.52	cps
Erbium	164-1	17678	18075	18058	17937	1.25	cps
Erbium	164-2	12386	11848	11828	12021	2.63	cps
Gadolinium	160-1	19534	20418	20792	20248	3.19	cps
Gadolinium	160-2	14044	13857	13443	13781	2.23	cps
Holmium	165-1	2362423	2353069	2403880	2373124	1.14	cps
Holmium	165-2	1473973	1496143	1462630	1477582	1.15	cps
Indium	115-1	1451197	1483197	1481286	1471894	1.22	cps
Indium	115-2	487899	495150	487301	490117	0.89	cps
Iron	56-2	70107602	69482589	69922442	69837545	0.46	cps
Iron	57-2	1751235	1728103	1776942	1752093	1.39	cps
Iron	54-2	3822251	3834056	3806110	3820806	0.37	cps
Krypton	83-1	37	47	57	47	21.43	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-12	Instrumnet Name :	P7
Client Sample ID :	MYD9T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:53:59	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	75613	76571	78526	76903	1.93	cps
Lead	207-1	62041	64151	64921	63704	2.34	cps
Lead	208-1	289318	297014	300759	295697	1.97	cps
Lithium	6-1	198861	202189	202703	201251	1.04	cps
Magnesium	24-2	1224033	1210761	1212165	1215653	0.60	cps
Manganese	55-2	1309374	1314273	1306867	1310171	0.29	cps
Molybdenum	94-1	7565	7605	7902	7691	2.39	cps
Molybdenum	95-1	1333	1300	1440	1358	5.39	cps
Molybdenum	96-1	3614	3924	3794	3777	4.12	cps
Molybdenum	97-1	790	927	817	844	8.58	cps
Molybdenum	98-1	2154	2107	2030	2097	2.97	cps
Neodymium	150-1	37811	39328	39739	38959	2.61	cps
Neodymium	150-2	22004	21680	21550	21745	1.08	cps
Nickel	60-2	23799	23502	23896	23732	0.87	cps
Phosphorus	31-2	4611	4474	4447	4511	1.94	cps
Potassium	39-2	697762	693104	687480	692782	0.74	cps
Rhodium	103-1	1202617	1223670	1219110	1215132	0.91	cps
Rhodium	103-2	702213	709994	695473	702560	1.03	cps
Scandium	45-1	642725	650409	650091	647741	0.67	cps
Scandium	45-2	57840	58706	57247	57931	1.27	cps
Selenium	82-1	27	55	53	45	34.98	cps
Selenium	77-2	40	13	37	30	48.44	cps
Selenium	78-2	70	57	47	58	20.26	cps
Silicon	28-1	5011312	5061534	5013792	5028879	0.56	cps
Silver	107-1	473	407	387	422	10.75	cps
Silver	109-1	353	353	387	364	5.28	cps
Sodium	23-2	23555	23238	23939	23577	1.49	cps
Strontium	86-1	55819	57753	58027	57199	2.10	cps
Strontium	88-1	496960	510076	510826	505954	1.54	cps
Sulfur	34-1	35234	35448	35672	35451	0.62	cps
Terbium	159-1	2321983	2437348	2415342	2391558	2.56	cps
Terbium	159-2	1437071	1466517	1444287	1449292	1.06	cps
Thallium	203-1	1063	960	857	960	10.76	cps
Thallium	205-1	2294	2394	2177	2288	4.74	cps
Tin	118-1	6355	6995	6645	6665	4.81	cps
Titanium	47-1	236838	240495	243864	240399	1.46	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-12	Instrumnet Name :	P7
Client Sample ID :	MYD9T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:53:59	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14081	14388	14648	14372	1.98	cps
Vanadium	51-2	137866	138687	135959	137504	1.02	cps
Yttrium	89-1	2341000	2361671	2368518	2357063	0.61	cps
Yttrium	89-2	616965	624991	615098	619018	0.85	cps
Zinc	66-2	27222	27195	27135	27184	0.16	cps
Zirconium	90-1	17143	17664	18188	17665	2.96	cps
Zirconium	91-1	4231	4211	4044	4162	2.46	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-13	Instrumnet Name :	P7
Client Sample ID :	MYD9T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:57:27	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1890315	1836632	1872570	1866506	1.47	cps
Antimony	121-1	4017	4137	4044	4066	1.55	cps
Arsenic	75-2	14304	14501	14611	14472	1.07	cps
Barium	135-1	320296	326986	328981	325421	1.40	cps
Barium	137-1	562559	571168	572180	568636	0.93	cps
Beryllium	9-1	437	467	417	440	5.72	cps
Bismuth	209-1	1413799	1422544	1413723	1416689	0.36	cps
Bismuth	209-2	1066918	1076925	1084262	1076035	0.81	cps
Bromine	81-1	4888	5298	5328	5171	4.76	cps
Bromine	81-2	247	227	270	248	8.75	cps
Cadmium	108-1	133	157	103	131	20.39	cps
Cadmium	106-1	963	913	943	940	2.68	cps
Cadmium	111-1	891	886	901	893	0.86	cps
Calcium	43-1	118038	118639	119267	118648	0.52	cps
Calcium	44-1	1786860	1853743	1841748	1827451	1.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76821	77414	76875	77036	0.43	cps
Cobalt	59-2	47689	46953	46780	47141	1.02	cps
Copper	63-2	83172	82271	83015	82819	0.58	cps
Dysprosium	156-1	25163	26665	26595	26141	3.24	cps
Dysprosium	156-2	20552	20538	20241	20444	0.86	cps
Erbium	164-1	18789	19510	19353	19218	1.97	cps
Erbium	164-2	12499	12249	12546	12431	1.28	cps
Gadolinium	160-1	22805	23002	23099	22969	0.65	cps
Gadolinium	160-2	15465	15265	15285	15339	0.72	cps
Holmium	165-1	2342071	2413528	2427186	2394262	1.91	cps
Holmium	165-2	1459426	1475786	1488025	1474412	0.97	cps
Indium	115-1	1475985	1492243	1487621	1485283	0.56	cps
Indium	115-2	485126	485659	484961	485249	0.08	cps
Iron	56-2	55918636	55508604	55383051	55603430	0.50	cps
Iron	57-2	1399007	1389023	1375955	1387995	0.83	cps
Iron	54-2	3088756	3018883	3032377	3046672	1.22	cps
Krypton	83-1	40	50	63	51	22.90	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-13	Instrumnet Name :	P7
Client Sample ID :	MYD9T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:57:27	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	61378	62078	63190	62215	1.47	cps
Lead	207-1	53448	52772	53826	53349	1.00	cps
Lead	208-1	242601	243506	248505	244871	1.30	cps
Lithium	6-1	198099	198874	198345	198439	0.20	cps
Magnesium	24-2	1489795	1492702	1470190	1484229	0.82	cps
Manganese	55-2	1151335	1144205	1143277	1146272	0.38	cps
Molybdenum	94-1	30969	31257	30856	31027	0.67	cps
Molybdenum	95-1	853	880	980	904	7.38	cps
Molybdenum	96-1	7072	7105	6965	7047	1.04	cps
Molybdenum	97-1	570	573	623	589	5.07	cps
Molybdenum	98-1	1363	1467	1477	1436	4.37	cps
Neodymium	150-1	47717	48868	48670	48418	1.27	cps
Neodymium	150-2	27163	26842	26909	26971	0.63	cps
Nickel	60-2	31386	30835	30908	31043	0.96	cps
Phosphorus	31-2	4434	4461	4434	4443	0.35	cps
Potassium	39-2	570506	569058	573500	571021	0.40	cps
Rhodium	103-1	1207674	1226988	1219130	1217931	0.80	cps
Rhodium	103-2	699003	694821	696962	696928	0.30	cps
Scandium	45-1	638963	646715	645310	643663	0.64	cps
Scandium	45-2	57840	58288	58519	58216	0.59	cps
Selenium	82-1	67	50	40	52	26.24	cps
Selenium	77-2	37	63	43	48	29.04	cps
Selenium	78-2	90	103	57	83	28.84	cps
Silicon	28-1	4473393	4576342	4520121	4523285	1.14	cps
Silver	107-1	443	407	417	422	4.49	cps
Silver	109-1	330	377	417	374	11.58	cps
Sodium	23-2	22023	21725	21692	21813	0.83	cps
Strontium	86-1	94574	97094	97812	96493	1.76	cps
Strontium	88-1	845315	847200	857348	849954	0.76	cps
Sulfur	34-1	36166	36246	36787	36400	0.93	cps
Terbium	159-1	2404947	2455270	2434214	2431477	1.04	cps
Terbium	159-2	1435073	1445438	1445534	1442015	0.42	cps
Thallium	203-1	963	1000	1017	993	2.75	cps
Thallium	205-1	2224	2390	2287	2300	3.66	cps
Tin	118-1	6802	6982	7062	6948	1.92	cps
Titanium	47-1	200993	202472	204265	202577	0.81	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-13	Instrumnet Name :	P7
Client Sample ID :	MYD9T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 20:57:27	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8916	9140	8873	8976	1.60	cps
Vanadium	51-2	104428	104042	105623	104697	0.79	cps
Yttrium	89-1	2400518	2411473	2385341	2399111	0.55	cps
Yttrium	89-2	619068	614223	620870	618053	0.56	cps
Zinc	66-2	24079	24256	24483	24273	0.83	cps
Zirconium	90-1	80730	82131	81169	81344	0.88	cps
Zirconium	91-1	17891	18135	18512	18179	1.72	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-14	Instrumnet Name :	P7
Client Sample ID :	MYD9T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:00:52	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1554604	1547816	1581608	1561343	1.14	cps
Antimony	121-1	6442	6482	6472	6465	0.32	cps
Arsenic	75-2	18094	17253	18081	17810	2.70	cps
Barium	135-1	341668	350186	349012	346955	1.33	cps
Barium	137-1	599575	614095	609209	607626	1.22	cps
Beryllium	9-1	410	360	437	402	9.68	cps
Bismuth	209-1	1407355	1411719	1409887	1409653	0.16	cps
Bismuth	209-2	1058950	1062693	1075470	1065704	0.81	cps
Bromine	81-1	4734	4637	4771	4714	1.46	cps
Bromine	81-2	197	157	200	184	13.07	cps
Cadmium	108-1	60	87	103	83	26.23	cps
Cadmium	106-1	917	843	983	914	7.66	cps
Cadmium	111-1	890	773	956	873	10.61	cps
Calcium	43-1	66927	67610	69160	67899	1.69	cps
Calcium	44-1	1095853	1107529	1108494	1103959	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62713	63717	62452	62961	1.06	cps
Cobalt	59-2	51137	50826	51816	51259	0.99	cps
Copper	63-2	77017	76966	77221	77068	0.18	cps
Dysprosium	156-1	24151	24999	25243	24798	2.31	cps
Dysprosium	156-2	19253	19647	19691	19530	1.23	cps
Erbium	164-1	17351	17815	17468	17544	1.38	cps
Erbium	164-2	11111	10991	11311	11138	1.45	cps
Gadolinium	160-1	20755	21186	21269	21070	1.31	cps
Gadolinium	160-2	14538	14514	14454	14502	0.30	cps
Holmium	165-1	2326867	2367567	2378033	2357489	1.15	cps
Holmium	165-2	1437697	1438898	1454571	1443722	0.65	cps
Indium	115-1	1462862	1467347	1473557	1467922	0.37	cps
Indium	115-2	477469	474058	481913	477813	0.82	cps
Iron	56-2	54351321	53626066	53094449	53690612	1.18	cps
Iron	57-2	1402912	1396764	1403480	1401052	0.27	cps
Iron	54-2	2931773	2881646	2927483	2913634	0.95	cps
Krypton	83-1	47	30	47	41	23.41	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-14	Instrumnet Name :	P7
Client Sample ID :	MYD9T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:00:52	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	75451	75800	76052	75768	0.40	cps
Lead	207-1	64482	64391	64519	64464	0.10	cps
Lead	208-1	298009	297903	297854	297922	0.03	cps
Lithium	6-1	194820	196015	197149	195995	0.59	cps
Magnesium	24-2	1199278	1234083	1215129	1216163	1.43	cps
Manganese	55-2	1269641	1260363	1262268	1264091	0.39	cps
Molybdenum	94-1	24153	24938	24731	24607	1.65	cps
Molybdenum	95-1	1027	1023	1047	1032	1.22	cps
Molybdenum	96-1	6015	6168	5995	6059	1.57	cps
Molybdenum	97-1	627	663	620	637	3.66	cps
Molybdenum	98-1	1503	1570	1430	1501	4.67	cps
Neodymium	150-1	42169	43323	44055	43183	2.20	cps
Neodymium	150-2	24151	24167	24378	24232	0.52	cps
Nickel	60-2	27095	27422	27095	27204	0.69	cps
Phosphorus	31-2	4437	4271	4377	4362	1.94	cps
Potassium	39-2	545835	540986	543463	543428	0.45	cps
Rhodium	103-1	1202220	1207241	1209386	1206282	0.30	cps
Rhodium	103-2	684029	682965	689557	685517	0.52	cps
Scandium	45-1	627637	628654	628447	628246	0.09	cps
Scandium	45-2	57328	55478	56943	56583	1.73	cps
Selenium	82-1	28	47	36	37	26.26	cps
Selenium	77-2	53	30	47	43	27.73	cps
Selenium	78-2	63	80	67	70	12.60	cps
Silicon	28-1	4245349	4302650	4268773	4272257	0.67	cps
Silver	107-1	347	373	367	362	3.83	cps
Silver	109-1	307	347	317	323	6.44	cps
Sodium	23-2	18374	17577	18708	18220	3.19	cps
Strontium	86-1	66014	66854	65890	66252	0.79	cps
Strontium	88-1	580999	589479	592291	587590	1.00	cps
Sulfur	34-1	35919	35528	35865	35771	0.59	cps
Terbium	159-1	2418513	2402085	2426420	2415673	0.51	cps
Terbium	159-2	1418307	1414645	1425321	1419424	0.38	cps
Thallium	203-1	1257	1387	1253	1299	5.85	cps
Thallium	205-1	2987	2894	3014	2965	2.13	cps
Tin	118-1	5735	5931	5878	5848	1.74	cps
Titanium	47-1	182719	184651	183160	183510	0.55	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-14	Instrumnet Name :	P7
Client Sample ID :	MYD9T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:00:52	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7696	7536	7572	7601	1.10	cps
Vanadium	51-2	102954	102290	101478	102241	0.72	cps
Yttrium	89-1	2334234	2313922	2355394	2334517	0.89	cps
Yttrium	89-2	602306	598736	612382	604475	1.17	cps
Zinc	66-2	23078	23241	23085	23135	0.40	cps
Zirconium	90-1	62827	65057	65090	64324	2.02	cps
Zirconium	91-1	14280	14587	14677	14515	1.43	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-15	Instrumnet Name :	P7
Client Sample ID :	MYD9T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:04:19	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	952690	948623	949384	950232	0.23	cps
Antimony	121-1	1737	1727	1790	1751	1.94	cps
Arsenic	75-2	4594	4511	4507	4537	1.08	cps
Barium	135-1	140696	142346	141390	141478	0.59	cps
Barium	137-1	244884	250349	250631	248621	1.30	cps
Beryllium	9-1	250	273	267	263	4.57	cps
Bismuth	209-1	1367461	1369305	1391857	1376207	0.99	cps
Bismuth	209-2	1048190	1034833	1048551	1043858	0.75	cps
Bromine	81-1	4244	4057	3947	4083	3.67	cps
Bromine	81-2	120	57	103	93	35.17	cps
Cadmium	108-1	63	33	57	51	30.82	cps
Cadmium	106-1	827	777	783	796	3.41	cps
Cadmium	111-1	684	694	655	678	2.95	cps
Calcium	43-1	50313	52380	51223	51305	2.02	cps
Calcium	44-1	824923	839064	843988	835991	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30942	31025	30618	30862	0.70	cps
Cobalt	59-2	28975	29385	29355	29239	0.78	cps
Copper	63-2	60043	60435	60820	60432	0.64	cps
Dysprosium	156-1	13540	13987	13653	13727	1.69	cps
Dysprosium	156-2	10951	11235	11008	11064	1.36	cps
Erbium	164-1	10184	9994	10467	10215	2.33	cps
Erbium	164-2	6308	6365	6495	6389	1.50	cps
Gadolinium	160-1	11058	11285	11525	11289	2.07	cps
Gadolinium	160-2	7439	7649	7615	7568	1.49	cps
Holmium	165-1	2296783	2317881	2329022	2314562	0.71	cps
Holmium	165-2	1423338	1389954	1419194	1410829	1.29	cps
Indium	115-1	1439558	1440470	1452025	1444018	0.48	cps
Indium	115-2	473686	463857	468632	468725	1.05	cps
Iron	56-2	36083020	35913700	36085475	36027399	0.27	cps
Iron	57-2	937214	942529	932238	937327	0.55	cps
Iron	54-2	1960423	1973582	1921893	1951966	1.38	cps
Krypton	83-1	43	47	33	41	16.89	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-15	Instrumnet Name :	P7
Client Sample ID :	MYD9T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:04:19	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50557	50638	51303	50833	0.81	cps
Lead	207-1	38170	38357	39163	38563	1.37	cps
Lead	208-1	182630	183042	186201	183957	1.06	cps
Lithium	6-1	188201	189156	191666	189674	0.94	cps
Magnesium	24-2	731289	734635	732997	732974	0.23	cps
Manganese	55-2	696498	698385	691047	695310	0.55	cps
Molybdenum	94-1	11208	11284	11231	11241	0.35	cps
Molybdenum	95-1	593	840	687	707	17.62	cps
Molybdenum	96-1	3280	3260	3077	3206	3.50	cps
Molybdenum	97-1	390	477	487	451	11.78	cps
Molybdenum	98-1	1260	1113	1097	1157	7.77	cps
Neodymium	150-1	23393	23914	23914	23740	1.27	cps
Neodymium	150-2	12943	13023	13223	13063	1.11	cps
Nickel	60-2	9586	9823	9657	9689	1.26	cps
Phosphorus	31-2	2894	2904	3297	3031	7.59	cps
Potassium	39-2	402738	401094	400476	401436	0.29	cps
Rhodium	103-1	1183055	1185936	1186793	1185261	0.17	cps
Rhodium	103-2	681866	667600	678155	675874	1.10	cps
Scandium	45-1	590020	587660	592928	590203	0.45	cps
Scandium	45-2	53869	52153	53537	53186	1.71	cps
Selenium	82-1	25	19	47	30	48.89	cps
Selenium	77-2	13	13	10	12	15.73	cps
Selenium	78-2	77	93	37	69	42.27	cps
Silicon	28-1	3676099	3718575	3706549	3700408	0.59	cps
Silver	107-1	203	187	203	198	4.87	cps
Silver	109-1	160	160	170	163	3.53	cps
Sodium	23-2	42889	43281	43779	43316	1.03	cps
Strontium	86-1	37655	37504	37962	37707	0.62	cps
Strontium	88-1	329329	330780	331736	330615	0.37	cps
Sulfur	34-1	34295	34476	33276	34016	1.90	cps
Terbium	159-1	2332169	2350355	2397690	2360071	1.43	cps
Terbium	159-2	1396950	1367325	1381339	1381871	1.07	cps
Thallium	203-1	480	447	450	459	4.00	cps
Thallium	205-1	947	1130	910	996	11.84	cps
Tin	118-1	6055	6041	6215	6104	1.58	cps
Titanium	47-1	245785	248436	247437	247219	0.54	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-15	Instrumnet Name :	P7
Client Sample ID :	MYD9T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:04:19	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12386	12309	12469	12388	0.65	cps
Vanadium	51-2	66957	65387	65963	66103	1.20	cps
Yttrium	89-1	2239063	2253654	2242552	2245090	0.34	cps
Yttrium	89-2	575786	568467	572285	572179	0.64	cps
Zinc	66-2	18181	18201	17908	18097	0.91	cps
Zirconium	90-1	28160	28468	28878	28502	1.26	cps
Zirconium	91-1	6198	6061	6288	6182	1.85	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-16	Instrumnet Name :	P7
Client Sample ID :	MYD9T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:07:45	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1449490	1443057	1459376	1450641	0.57	cps
Antimony	121-1	1533	1637	1683	1618	4.75	cps
Arsenic	75-2	5168	5158	5341	5222	1.97	cps
Barium	135-1	183924	187088	187231	186081	1.00	cps
Barium	137-1	322209	328743	331970	327641	1.52	cps
Beryllium	9-1	293	297	303	298	1.71	cps
Bismuth	209-1	1352922	1353276	1363227	1356475	0.43	cps
Bismuth	209-2	1043166	1026952	1044373	1038164	0.94	cps
Bromine	81-1	3907	3927	4021	3952	1.53	cps
Bromine	81-2	47	77	47	57	30.56	cps
Cadmium	108-1	67	63	50	60	14.70	cps
Cadmium	106-1	800	723	710	744	6.52	cps
Cadmium	111-1	657	592	579	609	6.85	cps
Calcium	43-1	58914	59135	59854	59301	0.83	cps
Calcium	44-1	958519	970031	972764	967105	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35231	35194	35579	35335	0.60	cps
Cobalt	59-2	41875	41551	41892	41772	0.46	cps
Copper	63-2	80602	80099	80351	80351	0.31	cps
Dysprosium	156-1	18829	18502	18789	18707	0.95	cps
Dysprosium	156-2	14514	15088	14995	14866	2.07	cps
Erbium	164-1	14277	14154	14071	14167	0.73	cps
Erbium	164-2	9163	9397	8970	9176	2.33	cps
Gadolinium	160-1	15372	15632	15759	15588	1.27	cps
Gadolinium	160-2	10587	10391	10724	10567	1.59	cps
Holmium	165-1	2316805	2325318	2294251	2312125	0.69	cps
Holmium	165-2	1421775	1405365	1419818	1415653	0.63	cps
Indium	115-1	1411369	1408861	1426354	1415528	0.67	cps
Indium	115-2	473788	469957	472013	471919	0.41	cps
Iron	56-2	50217389	49976131	50014528	50069349	0.26	cps
Iron	57-2	1305334	1303549	1307632	1305505	0.16	cps
Iron	54-2	2742448	2718000	2764932	2741793	0.86	cps
Krypton	83-1	27	73	27	42	63.80	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-16	Instrumnet Name :	P7
Client Sample ID :	MYD9T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:07:45	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50828	51762	51581	51390	0.96	cps
Lead	207-1	36265	37037	37752	37018	2.01	cps
Lead	208-1	177324	180460	181850	179878	1.29	cps
Lithium	6-1	191288	193141	192642	192357	0.50	cps
Magnesium	24-2	1123047	1166566	1169461	1153025	2.26	cps
Manganese	55-2	951196	941949	942838	945327	0.54	cps
Molybdenum	94-1	12662	13353	13156	13057	2.72	cps
Molybdenum	95-1	950	830	870	883	6.92	cps
Molybdenum	96-1	3917	3814	3861	3864	1.34	cps
Molybdenum	97-1	553	527	533	538	2.58	cps
Molybdenum	98-1	1403	1473	1520	1466	4.01	cps
Neodymium	150-1	32464	33373	34308	33382	2.76	cps
Neodymium	150-2	18649	18606	18789	18681	0.51	cps
Nickel	60-2	10597	10570	10390	10519	1.07	cps
Phosphorus	31-2	4044	3991	3854	3963	2.47	cps
Potassium	39-2	262574	259649	260208	260810	0.60	cps
Rhodium	103-1	1170582	1164362	1173734	1169560	0.41	cps
Rhodium	103-2	679702	679313	680651	679888	0.10	cps
Scandium	45-1	604454	598704	602096	601751	0.48	cps
Scandium	45-2	54926	52450	54089	53822	2.34	cps
Selenium	82-1	48	-13	59	31	124.20	cps
Selenium	77-2	33	37	27	32	15.80	cps
Selenium	78-2	73	80	50	68	23.24	cps
Silicon	28-1	4190141	4218925	4136053	4181706	1.01	cps
Silver	107-1	320	440	330	363	18.33	cps
Silver	109-1	263	340	380	328	18.09	cps
Sodium	23-2	28099	28216	28446	28254	0.63	cps
Strontium	86-1	56351	58101	57164	57205	1.53	cps
Strontium	88-1	498295	512265	511989	507516	1.57	cps
Sulfur	34-1	32762	33199	32722	32894	0.81	cps
Terbium	159-1	2379171	2374023	2344646	2365947	0.79	cps
Terbium	159-2	1388067	1380507	1381835	1383470	0.29	cps
Thallium	203-1	407	533	450	463	13.89	cps
Thallium	205-1	1037	1183	1133	1118	6.67	cps
Tin	118-1	5628	5651	5558	5612	0.87	cps
Titanium	47-1	274389	276513	276106	275670	0.41	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-16	Instrumnet Name :	P7
Client Sample ID :	MYD9T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:07:45	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17041	17161	17692	17298	2.00	cps
Vanadium	51-2	89520	89295	90107	89641	0.47	cps
Yttrium	89-1	2269157	2243856	2251652	2254888	0.57	cps
Yttrium	89-2	592770	588433	587349	589517	0.49	cps
Zinc	66-2	24226	24724	24690	24547	1.13	cps
Zirconium	90-1	32727	33418	33562	33235	1.34	cps
Zirconium	91-1	7242	7695	7665	7534	3.37	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:11:13	DataFile Name :	080CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1553890	1557756	1556092	1555912	0.12	cps
Antimony	121-1	1007432	998086	991776	999098	0.79	cps
Arsenic	75-2	36117	35529	35462	35703	1.01	cps
Barium	135-1	1405603	1378272	1369185	1384353	1.37	cps
Barium	137-1	2620790	2574359	2516505	2570552	2.03	cps
Beryllium	9-1	106686	105663	106780	106376	0.58	cps
Bismuth	209-1	1230966	1226619	1195087	1217557	1.61	cps
Bismuth	209-2	905146	898171	906217	903178	0.48	cps
Bromine	81-1	3474	3577	3664	3572	2.66	cps
Bromine	81-2	10	10	7	9	21.63	cps
Cadmium	108-1	17878	17481	17337	17565	1.59	cps
Cadmium	106-1	25128	24421	24781	24777	1.43	cps
Cadmium	111-1	235863	233549	230665	233359	1.12	cps
Calcium	43-1	960486	944090	952587	952388	0.86	cps
Calcium	44-1	14726799	14499906	14628124	14618276	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267729	267681	268518	267976	0.18	cps
Cobalt	59-2	422339	423227	420739	422102	0.30	cps
Copper	63-2	2905922	2853372	2918346	2892547	1.19	cps
Dysprosium	156-1	120	57	67	81	41.97	cps
Dysprosium	156-2	113	103	83	100	15.28	cps
Erbium	164-1	53	60	67	60	11.12	cps
Erbium	164-2	33	20	40	31	32.73	cps
Gadolinium	160-1	47	40	43	43	7.70	cps
Gadolinium	160-2	113	120	113	116	3.33	cps
Holmium	165-1	2156005	2147098	2164969	2156024	0.41	cps
Holmium	165-2	1297761	1298568	1296197	1297509	0.09	cps
Indium	115-1	1315642	1292699	1271837	1293393	1.69	cps
Indium	115-2	417042	412855	417306	415734	0.60	cps
Iron	56-2	60142464	60961667	60350796	60484976	0.70	cps
Iron	57-2	1536532	1501950	1521914	1520132	1.14	cps
Iron	54-2	3357159	3304659	3325714	3329177	0.79	cps
Krypton	83-1	37	30	33	33	10.01	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:11:13	DataFile Name :	080CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5179991	5151666	5057164	5129607	1.25	cps
Lead	207-1	4566947	4588627	4588271	4581282	0.27	cps
Lead	208-1	20856418	20671382	20539048	20688949	0.77	cps
Lithium	6-1	177137	174188	173200	174842	1.17	cps
Magnesium	24-2	11824431	11882157	12011792	11906127	0.81	cps
Manganese	55-2	2153888	2176267	2195010	2175055	0.95	cps
Molybdenum	94-1	3272162	3244428	3198492	3238361	1.15	cps
Molybdenum	95-1	4881040	4783667	4738464	4801057	1.52	cps
Molybdenum	96-1	5290753	5237463	5217736	5248651	0.72	cps
Molybdenum	97-1	3126305	3035613	2998325	3053414	2.16	cps
Molybdenum	98-1	7956866	7882667	7798853	7879462	1.00	cps
Neodymium	150-1	183	180	183	182	1.06	cps
Neodymium	150-2	43	73	40	52	35.15	cps
Nickel	60-2	102202	102296	102299	102265	0.05	cps
Phosphorus	31-2	14944	14887	15968	15267	3.99	cps
Potassium	39-2	7839436	7936533	7965012	7913660	0.83	cps
Rhodium	103-1	1061182	1034951	1023590	1039908	1.85	cps
Rhodium	103-2	579162	572616	572795	574858	0.65	cps
Scandium	45-1	536164	527424	523240	528943	1.25	cps
Scandium	45-2	47892	46414	47126	47144	1.57	cps
Selenium	82-1	11107	11281	11276	11221	0.88	cps
Selenium	77-2	1060	1073	1080	1071	0.95	cps
Selenium	78-2	3680	3737	3774	3731	1.26	cps
Silicon	28-1	847448	840382	844237	844022	0.42	cps
Silver	107-1	1088642	1065045	1058534	1070740	1.48	cps
Silver	109-1	1034850	1019354	1018849	1024351	0.89	cps
Sodium	23-2	19637025	19812812	19838612	19762816	0.56	cps
Strontium	86-1	6908717	6779515	6787483	6825238	1.06	cps
Strontium	88-1	61055744	59811056	59519826	60128875	1.36	cps
Sulfur	34-1	81563	80608	80156	80775	0.89	cps
Terbium	159-1	2227005	2191903	2135986	2184965	2.10	cps
Terbium	159-2	1274654	1271521	1266944	1271040	0.31	cps
Thallium	203-1	1160627	1150182	1141817	1150875	0.82	cps
Thallium	205-1	3105363	3097778	3058382	3087174	0.82	cps
Tin	118-1	850421	841149	837083	842884	0.81	cps
Titanium	47-1	968879	950466	946491	955279	1.25	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:11:13	DataFile Name :	080CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4735663	4688192	4627379	4683745	1.16	cps
Vanadium	51-2	246317	245705	249018	247013	0.71	cps
Yttrium	89-1	2004152	2044706	1994736	2014531	1.32	cps
Yttrium	89-2	502231	497237	500879	500116	0.52	cps
Zinc	66-2	492910	490776	495393	493026	0.47	cps
Zirconium	90-1	1506429	1465411	1459966	1477269	1.72	cps
Zirconium	91-1	330200	324073	323793	326022	1.11	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:16:06	DataFile Name :	081CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303	283	223	270	15.42	cps
Antimony	121-1	623	607	550	593	6.48	cps
Arsenic	75-2	3	20	0	8	137.80	cps
Barium	135-1	410	347	267	341	21.06	cps
Barium	137-1	710	570	390	557	28.82	cps
Beryllium	9-1	110	127	63	100	32.83	cps
Bismuth	209-1	1436799	1407327	1392024	1412050	1.61	cps
Bismuth	209-2	1072707	1080088	1081166	1077987	0.43	cps
Bromine	81-1	3727	3864	3604	3732	3.49	cps
Bromine	81-2	17	13	10	13	25.01	cps
Cadmium	108-1	17	10	3	10	66.70	cps
Cadmium	106-1	593	610	567	590	3.71	cps
Cadmium	111-1	470	483	451	468	3.47	cps
Calcium	43-1	350	350	200	300	28.87	cps
Calcium	44-1	5624	4297	3330	4417	26.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103	70	63	79	27.17	cps
Cobalt	59-2	67	63	53	61	11.36	cps
Copper	63-2	970	853	1010	944	8.62	cps
Dysprosium	156-1	7	23	3	11	96.43	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	10	13	7	10	33.30	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	3	3	0	2	86.60	cps
Gadolinium	160-2	77	73	70	73	4.55	cps
Holmium	165-1	2354165	2306739	2262193	2307699	1.99	cps
Holmium	165-2	1407435	1416048	1400795	1408093	0.54	cps
Indium	115-1	1496054	1479758	1469613	1481808	0.90	cps
Indium	115-2	483944	486273	483595	484604	0.30	cps
Iron	56-2	15708	14667	13650	14675	7.01	cps
Iron	57-2	587	497	547	543	8.30	cps
Iron	54-2	1070	987	950	1002	6.14	cps
Krypton	83-1	23	33	40	32	26.04	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:16:06	DataFile Name :	081CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1733	1343	1150	1409	21.09	cps
Lead	207-1	1693	1187	933	1271	30.44	cps
Lead	208-1	7438	5514	4500	5817	25.65	cps
Lithium	6-1	207907	204695	203635	205412	1.08	cps
Magnesium	24-2	2334	2154	1750	2079	14.37	cps
Manganese	55-2	437	377	373	396	9.01	cps
Molybdenum	94-1	1107	883	743	911	20.11	cps
Molybdenum	95-1	1493	1190	1020	1235	19.42	cps
Molybdenum	96-1	1673	1323	1043	1347	23.44	cps
Molybdenum	97-1	1063	687	660	803	28.08	cps
Molybdenum	98-1	2657	2017	1627	2100	24.77	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	60	70	90	73	20.83	cps
Phosphorus	31-2	70	23	57	50	48.08	cps
Potassium	39-2	15782	14911	15621	15438	3.00	cps
Rhodium	103-1	1236941	1224699	1221620	1227753	0.66	cps
Rhodium	103-2	688511	692402	689362	690092	0.30	cps
Scandium	45-1	598140	592336	589402	593293	0.75	cps
Scandium	45-2	52788	53547	52645	52993	0.92	cps
Selenium	82-1	31	20	-9	14	148.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	40	53	33	42	24.12	cps
Silicon	28-1	56370	57317	57357	57014	0.98	cps
Silver	107-1	350	340	223	304	23.13	cps
Silver	109-1	433	310	187	310	39.78	cps
Sodium	23-2	6471	6261	5571	6101	7.72	cps
Strontium	86-1	2120	1583	1253	1652	26.48	cps
Strontium	88-1	18695	13436	10747	14293	28.28	cps
Sulfur	34-1	37960	38960	37843	38254	1.60	cps
Terbium	159-1	2362391	2323005	2319917	2335104	1.01	cps
Terbium	159-2	1379575	1388353	1371081	1379670	0.63	cps
Thallium	203-1	493	373	253	373	32.14	cps
Thallium	205-1	1190	717	710	872	31.56	cps
Tin	118-1	680	597	570	616	9.32	cps
Titanium	47-1	317	190	257	254	24.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:16:06	DataFile Name :	081CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1313	957	717	996	30.16	cps
Vanadium	51-2	30	37	17	28	36.66	cps
Yttrium	89-1	2203134	2209491	2172877	2195168	0.89	cps
Yttrium	89-2	561795	562427	555914	560045	0.64	cps
Zinc	66-2	83	107	127	106	20.55	cps
Zirconium	90-1	593	570	400	521	20.25	cps
Zirconium	91-1	163	93	123	127	27.73	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-20	Instrumnet Name :	P7
Client Sample ID :	MYD9T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:20:22	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2091493	2099991	2103436	2098307	0.29	cps
Antimony	121-1	5301	5131	5221	5218	1.63	cps
Arsenic	75-2	12072	12292	12085	12150	1.02	cps
Barium	135-1	559993	569065	576278	568445	1.44	cps
Barium	137-1	977788	1001320	1012930	997346	1.80	cps
Beryllium	9-1	437	487	443	456	5.96	cps
Bismuth	209-1	1360825	1387743	1388446	1379005	1.14	cps
Bismuth	209-2	1069576	1060181	1068304	1066020	0.48	cps
Bromine	81-1	4474	4527	4607	4536	1.48	cps
Bromine	81-2	160	153	143	152	5.51	cps
Cadmium	108-1	130	120	127	126	4.06	cps
Cadmium	106-1	913	1037	980	977	6.32	cps
Cadmium	111-1	928	1038	997	988	5.63	cps
Calcium	43-1	585329	599549	604969	596615	1.70	cps
Calcium	44-1	8976107	9228652	9195638	9133466	1.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75333	74855	74459	74882	0.58	cps
Cobalt	59-2	60933	60976	60575	60828	0.36	cps
Copper	63-2	108711	108137	108221	108356	0.29	cps
Dysprosium	156-1	28248	28292	28379	28306	0.23	cps
Dysprosium	156-2	22234	22281	22585	22367	0.85	cps
Erbium	164-1	19430	20432	20442	20101	2.89	cps
Erbium	164-2	12979	13590	13296	13289	2.30	cps
Gadolinium	160-1	23446	24184	23880	23837	1.56	cps
Gadolinium	160-2	16717	17257	16530	16835	2.24	cps
Holmium	165-1	2326542	2377499	2416292	2373444	1.90	cps
Holmium	165-2	1484029	1468774	1487908	1480237	0.68	cps
Indium	115-1	1464276	1485101	1497342	1482240	1.13	cps
Indium	115-2	490347	483583	489945	487958	0.78	cps
Iron	56-2	66844579	66511454	66276089	66544041	0.43	cps
Iron	57-2	1661467	1683420	1690045	1678310	0.89	cps
Iron	54-2	3630598	3681105	3611247	3640983	0.99	cps
Krypton	83-1	67	37	43	49	32.22	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-20	Instrumnet Name :	P7
Client Sample ID :	MYD9T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:20:22	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	68455	70257	70733	69815	1.72	cps
Lead	207-1	59258	60474	60892	60208	1.41	cps
Lead	208-1	271155	275144	278077	274792	1.26	cps
Lithium	6-1	205728	206948	207806	206827	0.50	cps
Magnesium	24-2	1870632	1846193	1870606	1862477	0.76	cps
Manganese	55-2	1269641	1274679	1256367	1266896	0.75	cps
Molybdenum	94-1	30499	31160	31156	30938	1.23	cps
Molybdenum	95-1	1627	1777	1780	1728	5.07	cps
Molybdenum	96-1	7989	8109	7762	7953	2.21	cps
Molybdenum	97-1	1053	1110	1107	1090	2.92	cps
Molybdenum	98-1	2690	2917	2947	2851	4.92	cps
Neodymium	150-1	52287	53565	53708	53186	1.47	cps
Neodymium	150-2	30406	30403	30009	30272	0.75	cps
Nickel	60-2	36879	36678	35993	36517	1.27	cps
Phosphorus	31-2	7072	6968	6658	6899	3.12	cps
Potassium	39-2	572382	573003	567950	571112	0.48	cps
Rhodium	103-1	1183302	1205670	1208078	1199017	1.14	cps
Rhodium	103-2	690847	682433	688884	687388	0.64	cps
Scandium	45-1	668009	678393	684396	676933	1.22	cps
Scandium	45-2	60828	59817	60607	60418	0.88	cps
Selenium	82-1	60	90	75	75	20.19	cps
Selenium	77-2	30	53	67	50	37.12	cps
Selenium	78-2	57	83	77	72	19.21	cps
Silicon	28-1	4507002	4517268	4593580	4539284	1.04	cps
Silver	107-1	703	627	547	626	12.52	cps
Silver	109-1	597	540	537	558	6.05	cps
Sodium	23-2	25278	26226	26613	26039	2.64	cps
Strontium	86-1	178056	181993	182803	180950	1.40	cps
Strontium	88-1	1625178	1632516	1621308	1626334	0.35	cps
Sulfur	34-1	41573	42265	42556	42131	1.20	cps
Terbium	159-1	2393336	2428231	2426815	2416127	0.82	cps
Terbium	159-2	1457783	1433211	1448130	1446375	0.86	cps
Thallium	203-1	1520	1673	1677	1623	5.51	cps
Thallium	205-1	3847	3991	4104	3981	3.23	cps
Tin	118-1	6041	6428	6408	6293	3.46	cps
Titanium	47-1	266854	271023	273039	270305	1.17	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-20	Instrumnet Name :	P7
Client Sample ID :	MYD9T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:20:22	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12920	13147	12920	12995	1.01	cps
Vanadium	51-2	136900	137788	137159	137283	0.33	cps
Yttrium	89-1	2379668	2401285	2431851	2404268	1.09	cps
Yttrium	89-2	631639	624235	628558	628144	0.59	cps
Zinc	66-2	45242	45054	44864	45053	0.42	cps
Zirconium	90-1	78200	79761	80603	79521	1.53	cps
Zirconium	91-1	17167	17784	17878	17610	2.19	cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-21	Instrumnet Name :	P7
Client Sample ID :	MYD9T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:23:45	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2245213	2261909	2202235	2236452	1.38	cps
Antimony	121-1	6612	7179	7215	7002	4.83	cps
Arsenic	75-2	17247	16286	16272	16602	3.37	cps
Barium	135-1	315253	323458	323133	320615	1.45	cps
Barium	137-1	550246	564948	565123	560106	1.52	cps
Beryllium	9-1	540	527	560	542	3.09	cps
Bismuth	209-1	1267366	1415595	1449905	1377622	7.04	cps
Bismuth	209-2	1106373	1101715	1100954	1103014	0.27	cps
Bromine	81-1	4898	4984	5214	5032	3.25	cps
Bromine	81-2	153	183	180	172	9.55	cps
Cadmium	108-1	107	77	103	96	17.21	cps
Cadmium	106-1	977	1163	1070	1070	8.72	cps
Cadmium	111-1	839	1031	943	938	10.23	cps
Calcium	43-1	50631	53721	53119	52491	3.12	cps
Calcium	44-1	842615	874540	872586	863247	2.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97593	96724	94929	96416	1.41	cps
Cobalt	59-2	69001	67511	67722	68078	1.18	cps
Copper	63-2	105663	104146	105612	105140	0.82	cps
Dysprosium	156-1	28078	29097	29304	28826	2.28	cps
Dysprosium	156-2	23032	23086	22658	22925	1.02	cps
Erbium	164-1	20799	21994	21467	21420	2.80	cps
Erbium	164-2	14224	14187	13917	14109	1.19	cps
Gadolinium	160-1	24772	25921	26098	25597	2.81	cps
Gadolinium	160-2	17488	17708	17428	17541	0.84	cps
Holmium	165-1	2221430	2428706	2494737	2381624	5.99	cps
Holmium	165-2	1626322	1597966	1504832	1576373	4.03	cps
Indium	115-1	1372287	1532681	1543953	1482974	6.48	cps
Indium	115-2	514831	511652	508085	511523	0.66	cps
Iron	56-2	78755689	78460506	77541236	78252477	0.81	cps
Iron	57-2	1968280	1953361	1911504	1944381	1.51	cps
Iron	54-2	4240532	4206166	4204204	4216967	0.48	cps
Krypton	83-1	33	43	70	49	38.78	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-21	Instrumnet Name :	P7
Client Sample ID :	MYD9T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:23:45	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67634	69102	69641	68792	1.51	cps
Lead	207-1	57257	59456	60966	59226	3.15	cps
Lead	208-1	265278	272301	276114	271231	2.03	cps
Lithium	6-1	190498	212279	214599	205792	6.46	cps
Magnesium	24-2	1489558	1513453	1504838	1502616	0.81	cps
Manganese	55-2	1700110	1658784	1668138	1675677	1.29	cps
Molybdenum	94-1	37398	39079	38016	38164	2.23	cps
Molybdenum	95-1	1293	1373	1250	1306	4.79	cps
Molybdenum	96-1	8823	9100	9273	9065	2.51	cps
Molybdenum	97-1	897	767	787	817	8.57	cps
Molybdenum	98-1	2167	2197	2117	2160	1.87	cps
Neodymium	150-1	50988	52731	53106	52275	2.16	cps
Neodymium	150-2	28856	28455	28435	28582	0.83	cps
Nickel	60-2	35819	36264	35458	35847	1.13	cps
Phosphorus	31-2	4457	4187	4141	4262	4.01	cps
Potassium	39-2	711456	708427	700245	706709	0.82	cps
Rhodium	103-1	1135719	1256262	1269571	1220517	6.04	cps
Rhodium	103-2	734233	727846	729144	730408	0.46	cps
Scandium	45-1	631524	704331	714479	683445	6.62	cps
Scandium	45-2	64075	63030	63091	63399	0.92	cps
Selenium	82-1	58	84	35	59	41.56	cps
Selenium	77-2	47	30	40	39	21.57	cps
Selenium	78-2	100	80	103	94	13.36	cps
Silicon	28-1	4883458	4937066	5015205	4945243	1.34	cps
Silver	107-1	480	450	507	479	5.92	cps
Silver	109-1	343	353	337	344	2.44	cps
Sodium	23-2	22710	22483	22516	22570	0.54	cps
Strontium	86-1	50697	52219	51931	51616	1.57	cps
Strontium	88-1	451905	456086	461969	456654	1.11	cps
Sulfur	34-1	39742	39758	39711	39737	0.06	cps
Terbium	159-1	2212043	2476517	2502851	2397137	6.71	cps
Terbium	159-2	1510321	1492266	1491311	1497966	0.72	cps
Thallium	203-1	1143	1213	1333	1230	7.81	cps
Thallium	205-1	2950	2994	3054	2999	1.73	cps
Tin	118-1	6255	6798	6545	6533	4.16	cps
Titanium	47-1	267536	278234	279395	275055	2.38	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-21	Instrumnet Name :	P7
Client Sample ID :	MYD9T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:23:45	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13087	13474	13006	13189	1.89	cps
Vanadium	51-2	149367	147751	148647	148588	0.54	cps
Yttrium	89-1	2280340	2534505	2579384	2464743	6.54	cps
Yttrium	89-2	660939	657359	656102	658133	0.38	cps
Zinc	66-2	30187	30311	30054	30184	0.43	cps
Zirconium	90-1	97178	100383	99568	99043	1.68	cps
Zirconium	91-1	22454	22534	22457	22482	0.20	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-22	Instrumnet Name :	P7
Client Sample ID :	MYD9W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:27:10	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1616171	1597060	1598253	1603828	0.67	cps
Antimony	121-1	4387	4564	4888	4613	5.50	cps
Arsenic	75-2	20311	19994	19570	19958	1.86	cps
Barium	135-1	247016	250089	248393	248499	0.62	cps
Barium	137-1	434230	437124	440618	437324	0.73	cps
Beryllium	9-1	520	510	497	509	2.30	cps
Bismuth	209-1	1481946	1467708	1477761	1475805	0.50	cps
Bismuth	209-2	1129430	1111725	1113663	1118273	0.87	cps
Bromine	81-1	5454	5608	5371	5478	2.19	cps
Bromine	81-2	223	240	250	238	5.66	cps
Cadmium	108-1	73	73	90	79	12.20	cps
Cadmium	106-1	1050	987	990	1009	3.53	cps
Cadmium	111-1	1054	1039	917	1003	7.51	cps
Calcium	43-1	60299	60219	61129	60549	0.83	cps
Calcium	44-1	984865	994935	990764	990188	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72198	70577	71247	71341	1.14	cps
Cobalt	59-2	52565	52307	52458	52443	0.25	cps
Copper	63-2	100390	100417	100296	100368	0.06	cps
Dysprosium	156-1	24742	24949	24565	24752	0.78	cps
Dysprosium	156-2	19931	19123	18849	19301	2.91	cps
Erbium	164-1	17851	17902	18152	17968	0.90	cps
Erbium	164-2	11905	11535	11411	11617	2.21	cps
Gadolinium	160-1	21436	21577	21243	21419	0.78	cps
Gadolinium	160-2	14514	14544	14221	14426	1.24	cps
Holmium	165-1	2523884	2481880	2487645	2497803	0.91	cps
Holmium	165-2	1646428	1597136	1600893	1614819	1.70	cps
Indium	115-1	1609152	1625320	1647109	1627194	1.17	cps
Indium	115-2	516145	510077	513522	513248	0.59	cps
Iron	56-2	63895849	63287729	63362349	63515309	0.52	cps
Iron	57-2	1597502	1575421	1597808	1590244	0.81	cps
Iron	54-2	3508452	3446140	3446383	3466992	1.04	cps
Krypton	83-1	37	50	57	48	21.31	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-22	Instrumnet Name :	P7
Client Sample ID :	MYD9W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:27:10	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	84236	84109	85306	84550	0.78	cps
Lead	207-1	72700	73082	72687	72823	0.31	cps
Lead	208-1	333973	334056	335006	334345	0.17	cps
Lithium	6-1	214668	216413	215282	215454	0.41	cps
Magnesium	24-2	1131071	1119830	1121102	1124001	0.55	cps
Manganese	55-2	1377010	1369769	1355169	1367316	0.81	cps
Molybdenum	94-1	21886	21015	21035	21312	2.33	cps
Molybdenum	95-1	1237	1413	1357	1336	6.75	cps
Molybdenum	96-1	5995	5768	5795	5852	2.12	cps
Molybdenum	97-1	830	777	790	799	3.47	cps
Molybdenum	98-1	2134	2120	2030	2095	2.68	cps
Neodymium	150-1	42962	43928	44527	43805	1.80	cps
Neodymium	150-2	24428	24184	24064	24225	0.77	cps
Nickel	60-2	27075	26674	26527	26758	1.06	cps
Phosphorus	31-2	3674	3704	3630	3669	1.01	cps
Potassium	39-2	904984	904442	902219	903881	0.16	cps
Rhodium	103-1	1298206	1299436	1309151	1302264	0.46	cps
Rhodium	103-2	745539	730327	735383	737083	1.05	cps
Scandium	45-1	699271	700662	699150	699694	0.12	cps
Scandium	45-2	61558	62036	61551	61715	0.45	cps
Selenium	82-1	50	57	14	40	56.63	cps
Selenium	77-2	27	57	53	46	36.09	cps
Selenium	78-2	63	83	90	79	17.59	cps
Silicon	28-1	6005146	6102723	6061941	6056603	0.81	cps
Silver	107-1	370	510	550	477	19.83	cps
Silver	109-1	410	477	383	423	11.36	cps
Sodium	23-2	21949	21939	21672	21853	0.72	cps
Strontium	86-1	39372	39533	39446	39450	0.20	cps
Strontium	88-1	340627	347176	343543	343782	0.95	cps
Sulfur	34-1	38565	38813	38071	38483	0.98	cps
Terbium	159-1	2547419	2549832	2566910	2554720	0.42	cps
Terbium	159-2	1509807	1488435	1490269	1496170	0.79	cps
Thallium	203-1	1270	1327	1370	1322	3.79	cps
Thallium	205-1	3120	3397	3230	3249	4.29	cps
Tin	118-1	5361	5001	5048	5137	3.82	cps
Titanium	47-1	183727	185246	186038	185004	0.63	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4250-22	Instrumnet Name :	P7
Client Sample ID :	MYD9W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:27:10	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10558	10421	10491	10490	0.65	cps
Vanadium	51-2	125799	126226	126471	126165	0.27	cps
Yttrium	89-1	2560474	2559137	2510117	2543242	1.13	cps
Yttrium	89-2	654030	647379	645863	649091	0.67	cps
Zinc	66-2	22938	22784	23061	22928	0.61	cps
Zirconium	90-1	54159	54945	54912	54672	0.81	cps
Zirconium	91-1	12078	12222	12269	12190	0.81	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-02	Instrumnet Name :	P7
Client Sample ID :	MYD9W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:33:52	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2885722	2895650	2807405	2862926	1.69	cps
Antimony	121-1	2804	2794	2814	2804	0.36	cps
Arsenic	75-2	24163	24644	24277	24361	1.03	cps
Barium	135-1	355851	358242	359031	357708	0.46	cps
Barium	137-1	620619	639039	635020	631559	1.53	cps
Beryllium	9-1	563	610	590	588	3.98	cps
Bismuth	209-1	1428434	1474800	1467038	1456757	1.70	cps
Bismuth	209-2	1104787	1096648	1103690	1101708	0.40	cps
Bromine	81-1	5421	5634	5698	5584	2.60	cps
Bromine	81-2	407	453	373	411	9.78	cps
Cadmium	108-1	107	103	107	106	1.83	cps
Cadmium	106-1	1093	1033	997	1041	4.69	cps
Cadmium	111-1	974	884	956	938	5.06	cps
Calcium	43-1	67573	68041	68122	67912	0.44	cps
Calcium	44-1	1103540	1120366	1117773	1113893	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127883	129046	127036	127988	0.79	cps
Cobalt	59-2	73957	73227	72012	73065	1.35	cps
Copper	63-2	115844	115380	114631	115285	0.53	cps
Dysprosium	156-1	30049	31562	31672	31094	2.92	cps
Dysprosium	156-2	23904	24104	24268	24092	0.76	cps
Erbium	164-1	24368	25153	25233	24918	1.92	cps
Erbium	164-2	16493	16250	16226	16323	0.91	cps
Gadolinium	160-1	27808	28225	28676	28236	1.54	cps
Gadolinium	160-2	19701	19520	19003	19408	1.87	cps
Holmium	165-1	2461665	2542163	2454247	2486025	1.96	cps
Holmium	165-2	1615944	1613547	1599151	1609547	0.56	cps
Indium	115-1	1538182	1621753	1555917	1571950	2.80	cps
Indium	115-2	504119	502815	503019	503318	0.14	cps
Iron	56-2	88529552	87715539	87293685	87846259	0.72	cps
Iron	57-2	2202836	2188131	2183148	2191372	0.47	cps
Iron	54-2	4837673	4833611	4753925	4808403	0.98	cps
Krypton	83-1	57	57	60	58	3.33	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-02	Instrumnet Name :	P7
Client Sample ID :	MYD9W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:33:52	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	73357	73903	74412	73891	0.71	cps
Lead	207-1	63089	63086	63547	63241	0.42	cps
Lead	208-1	288265	292149	292474	290963	0.80	cps
Lithium	6-1	210616	213616	213967	212733	0.87	cps
Magnesium	24-2	1685236	1721568	1687773	1698192	1.19	cps
Manganese	55-2	1624373	1581166	1625791	1610443	1.58	cps
Molybdenum	94-1	29119	29306	29289	29238	0.35	cps
Molybdenum	95-1	1317	1360	1477	1385	5.98	cps
Molybdenum	96-1	7825	7879	7819	7841	0.42	cps
Molybdenum	97-1	967	770	887	874	11.31	cps
Molybdenum	98-1	2020	2290	2174	2161	6.27	cps
Neodymium	150-1	52129	53541	53632	53101	1.59	cps
Neodymium	150-2	29287	29247	29481	29338	0.43	cps
Nickel	60-2	39261	37684	38082	38342	2.14	cps
Phosphorus	31-2	3841	3937	3787	3855	1.97	cps
Potassium	39-2	700357	695340	686658	694118	1.00	cps
Rhodium	103-1	1262367	1278854	1273248	1271490	0.66	cps
Rhodium	103-2	722553	715990	718005	718850	0.47	cps
Scandium	45-1	731382	740687	735606	735892	0.63	cps
Scandium	45-2	65906	65049	64547	65167	1.05	cps
Selenium	82-1	34	19	49	34	44.58	cps
Selenium	77-2	47	77	47	57	30.56	cps
Selenium	78-2	47	77	93	72	32.74	cps
Silicon	28-1	5697043	5770063	5750651	5739253	0.66	cps
Silver	107-1	420	390	417	409	4.02	cps
Silver	109-1	300	340	453	364	21.82	cps
Sodium	23-2	27495	27588	27565	27549	0.18	cps
Strontium	86-1	68080	68364	68264	68236	0.21	cps
Strontium	88-1	599194	601217	604537	601649	0.45	cps
Sulfur	34-1	33700	35087	35628	34805	2.86	cps
Terbium	159-1	2493248	2531233	2598732	2541071	2.10	cps
Terbium	159-2	1489692	1481795	1486499	1485995	0.27	cps
Thallium	203-1	1340	1433	1397	1390	3.38	cps
Thallium	205-1	3380	3244	3150	3258	3.55	cps
Tin	118-1	6478	6331	6598	6469	2.07	cps
Titanium	47-1	287557	290055	288889	288834	0.43	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-02	Instrumnet Name :	P7
Client Sample ID :	MYD9W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:33:52	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15766	16187	16133	16029	1.43	cps
Vanadium	51-2	176040	173396	172691	174042	1.01	cps
Yttrium	89-1	2525799	2571233	2569635	2555556	1.01	cps
Yttrium	89-2	657428	653525	648838	653264	0.66	cps
Zinc	66-2	29179	29372	28664	29072	1.26	cps
Zirconium	90-1	74829	75536	75955	75440	0.75	cps
Zirconium	91-1	16803	17007	16963	16924	0.63	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-01	Instrumnet Name :	P7
Client Sample ID :	MYD9W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:44:45	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2078257	2085161	2060703	2074707	0.61	cps
Antimony	121-1	3634	3724	3724	3694	1.41	cps
Arsenic	75-2	15181	14641	14430	14751	2.63	cps
Barium	135-1	315494	317398	315598	316163	0.34	cps
Barium	137-1	549124	551150	558151	552808	0.86	cps
Beryllium	9-1	400	520	410	443	15.02	cps
Bismuth	209-1	1355653	1381413	1392523	1376530	1.37	cps
Bismuth	209-2	1045806	1066355	1069160	1060440	1.20	cps
Bromine	81-1	4978	5148	5324	5150	3.37	cps
Bromine	81-2	280	313	250	281	11.27	cps
Cadmium	108-1	103	90	107	100	8.82	cps
Cadmium	106-1	963	953	923	947	2.20	cps
Cadmium	111-1	889	898	872	886	1.49	cps
Calcium	43-1	76652	76797	77101	76850	0.30	cps
Calcium	44-1	1246698	1251550	1184670	1227639	3.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84572	84461	83027	84020	1.03	cps
Cobalt	59-2	54937	55572	54431	54980	1.04	cps
Copper	63-2	83427	84490	83629	83849	0.67	cps
Dysprosium	156-1	24672	24505	25226	24801	1.52	cps
Dysprosium	156-2	19287	19564	19413	19421	0.71	cps
Erbium	164-1	17227	18606	18532	18122	4.28	cps
Erbium	164-2	11965	12069	12025	12020	0.43	cps
Gadolinium	160-1	21223	21700	22214	21712	2.28	cps
Gadolinium	160-2	14958	14688	14588	14745	1.30	cps
Holmium	165-1	2298883	2375955	2370839	2348559	1.84	cps
Holmium	165-2	1435541	1456410	1461051	1451001	0.94	cps
Indium	115-1	1447293	1478716	1469652	1465220	1.10	cps
Indium	115-2	480045	482302	482245	481530	0.27	cps
Iron	56-2	60364441	60835816	59934257	60378171	0.75	cps
Iron	57-2	1518830	1514319	1511096	1514748	0.26	cps
Iron	54-2	3312494	3321637	3265318	3299816	0.92	cps
Krypton	83-1	43	50	27	40	30.04	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-01	Instrumnet Name :	P7
Client Sample ID :	MYD9W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:44:45	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	106332	106920	107992	107082	0.79	cps
Lead	207-1	91452	93069	93828	92783	1.31	cps
Lead	208-1	417602	425748	429868	424406	1.47	cps
Lithium	6-1	201107	204313	202308	202576	0.80	cps
Magnesium	24-2	1401547	1380183	1377728	1386486	0.94	cps
Manganese	55-2	1028436	1025893	1014926	1023085	0.70	cps
Molybdenum	94-1	30619	31036	31537	31064	1.48	cps
Molybdenum	95-1	853	797	847	832	3.72	cps
Molybdenum	96-1	7162	7075	6925	7054	1.70	cps
Molybdenum	97-1	653	473	533	553	16.56	cps
Molybdenum	98-1	1323	1277	1377	1326	3.77	cps
Neodymium	150-1	44875	45222	45018	45038	0.39	cps
Neodymium	150-2	24702	25897	25099	25233	2.41	cps
Nickel	60-2	29633	29720	29843	29732	0.36	cps
Phosphorus	31-2	3767	3901	3710	3793	2.57	cps
Potassium	39-2	529592	521936	524816	525448	0.74	cps
Rhodium	103-1	1201289	1215481	1212721	1209830	0.62	cps
Rhodium	103-2	686697	689059	690019	688592	0.25	cps
Scandium	45-1	656216	664584	663462	661421	0.69	cps
Scandium	45-2	58817	59295	59095	59069	0.41	cps
Selenium	82-1	46	51	75	57	27.26	cps
Selenium	77-2	57	43	33	44	26.35	cps
Selenium	78-2	67	67	53	62	12.38	cps
Silicon	28-1	5529247	5514728	5522434	5522137	0.13	cps
Silver	107-1	413	403	423	413	2.42	cps
Silver	109-1	343	313	370	342	8.28	cps
Sodium	23-2	17670	18364	18404	18146	2.27	cps
Strontium	86-1	75552	76457	76534	76181	0.72	cps
Strontium	88-1	668167	672759	677360	672762	0.68	cps
Sulfur	34-1	34422	34385	35150	34653	1.25	cps
Terbium	159-1	2365245	2395945	2423380	2394856	1.21	cps
Terbium	159-2	1415576	1426000	1425654	1422410	0.42	cps
Thallium	203-1	973	887	933	931	4.66	cps
Thallium	205-1	2054	2254	2284	2197	5.69	cps
Tin	118-1	5985	5845	6265	6031	3.55	cps
Titanium	47-1	235294	234451	235730	235158	0.28	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-01	Instrumnet Name :	P7
Client Sample ID :	MYD9W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:44:45	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9093	8920	9117	9043	1.19	cps
Vanadium	51-2	114681	114191	112777	113883	0.87	cps
Yttrium	89-1	2384151	2405458	2392791	2394133	0.45	cps
Yttrium	89-2	610805	608547	609740	609697	0.19	cps
Zinc	66-2	30748	31527	31660	31312	1.57	cps
Zirconium	90-1	79949	81772	80854	80859	1.13	cps
Zirconium	91-1	18118	18198	18261	18193	0.40	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-03	Instrumnet Name :	P7
Client Sample ID :	MYD9W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:48:09	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1752119	1737561	1721751	1737144	0.87	cps
Antimony	121-1	5081	5541	5805	5476	6.69	cps
Arsenic	75-2	13953	13703	14000	13885	1.15	cps
Barium	135-1	330469	339035	339771	336425	1.54	cps
Barium	137-1	578675	592481	596303	589153	1.57	cps
Beryllium	9-1	437	467	367	423	12.12	cps
Bismuth	209-1	1364937	1395626	1399916	1386826	1.38	cps
Bismuth	209-2	1061531	1051122	1071407	1061354	0.96	cps
Bromine	81-1	4554	4587	4707	4616	1.75	cps
Bromine	81-2	163	143	153	153	6.52	cps
Cadmium	108-1	100	103	77	93	15.56	cps
Cadmium	106-1	840	1057	953	950	11.41	cps
Cadmium	111-1	995	1204	1064	1087	9.81	cps
Calcium	43-1	49811	50948	50310	50356	1.13	cps
Calcium	44-1	812068	829202	831035	824102	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76124	75960	77025	76370	0.75	cps
Cobalt	59-2	57305	56549	57764	57206	1.07	cps
Copper	63-2	123988	122832	123507	123442	0.47	cps
Dysprosium	156-1	24959	25730	25233	25307	1.55	cps
Dysprosium	156-2	19060	19267	19313	19213	0.70	cps
Erbium	164-1	18542	19066	19143	18917	1.73	cps
Erbium	164-2	12249	12132	12506	12296	1.55	cps
Gadolinium	160-1	21697	22021	22902	22207	2.81	cps
Gadolinium	160-2	15052	15385	15078	15172	1.22	cps
Holmium	165-1	2315335	2351269	2384815	2350473	1.48	cps
Holmium	165-2	1449973	1430028	1460210	1446737	1.06	cps
Indium	115-1	1455808	1469593	1475141	1466848	0.68	cps
Indium	115-2	480231	474664	480432	478442	0.68	cps
Iron	56-2	65022416	64990991	64934202	64982536	0.07	cps
Iron	57-2	1612984	1627578	1630403	1623655	0.58	cps
Iron	54-2	3558564	3570308	3524259	3551044	0.67	cps
Krypton	83-1	33	43	40	39	13.09	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-03	Instrumnet Name :	P7
Client Sample ID :	MYD9W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:48:09	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	107676	111423	111201	110100	1.91	cps
Lead	207-1	92965	96694	96744	95468	2.27	cps
Lead	208-1	427001	442796	441894	437230	2.03	cps
Lithium	6-1	195819	196323	199266	197136	0.94	cps
Magnesium	24-2	1307869	1283912	1344535	1312105	2.33	cps
Manganese	55-2	1516221	1543546	1520627	1526798	0.96	cps
Molybdenum	94-1	23152	23823	24063	23679	1.99	cps
Molybdenum	95-1	1190	1163	1237	1197	3.10	cps
Molybdenum	96-1	6218	6055	6258	6177	1.74	cps
Molybdenum	97-1	767	820	733	773	5.65	cps
Molybdenum	98-1	1897	1933	1910	1913	0.97	cps
Neodymium	150-1	42113	43814	44590	43506	2.91	cps
Neodymium	150-2	24632	24478	23760	24290	1.92	cps
Nickel	60-2	29516	29659	29332	29502	0.56	cps
Phosphorus	31-2	3981	4047	3947	3992	1.28	cps
Potassium	39-2	780834	773083	776794	776904	0.50	cps
Rhodium	103-1	1188326	1204603	1204218	1199049	0.77	cps
Rhodium	103-2	683161	683472	692828	686487	0.80	cps
Scandium	45-1	636892	641497	645483	641291	0.67	cps
Scandium	45-2	58181	56602	57766	57516	1.42	cps
Selenium	82-1	80	51	32	54	45.17	cps
Selenium	77-2	63	30	30	41	46.81	cps
Selenium	78-2	93	47	57	66	37.47	cps
Silicon	28-1	5067906	5235156	5212065	5171709	1.75	cps
Silver	107-1	773	787	660	740	9.41	cps
Silver	109-1	633	677	680	663	3.93	cps
Sodium	23-2	19282	19686	19496	19488	1.04	cps
Strontium	86-1	60651	61514	62013	61393	1.12	cps
Strontium	88-1	535495	551289	548833	545206	1.56	cps
Sulfur	34-1	35211	34613	34920	34914	0.86	cps
Terbium	159-1	2381055	2387411	2430795	2399754	1.13	cps
Terbium	159-2	1424799	1408506	1430116	1421140	0.79	cps
Thallium	203-1	1383	1380	1293	1352	3.77	cps
Thallium	205-1	3207	3227	3210	3215	0.33	cps
Tin	118-1	6815	6518	6555	6629	2.44	cps
Titanium	47-1	234997	238497	238782	237425	0.89	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-03	Instrumnet Name :	P7
Client Sample ID :	MYD9W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:48:09	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12366	12523	12573	12487	0.86	cps
Vanadium	51-2	122324	121332	120798	121485	0.64	cps
Yttrium	89-1	2345206	2383972	2381967	2370381	0.92	cps
Yttrium	89-2	605747	600182	607245	604391	0.62	cps
Zinc	66-2	29619	28968	29365	29318	1.12	cps
Zirconium	90-1	59429	61873	61555	60952	2.18	cps
Zirconium	91-1	13433	13626	13753	13604	1.19	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-04	Instrumnet Name :	P7
Client Sample ID :	MYD9W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:51:36	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1557284	1501989	1541863	1533712	1.86	cps
Antimony	121-1	4697	5028	4908	4878	3.43	cps
Arsenic	75-2	13113	13126	13019	13086	0.44	cps
Barium	135-1	278325	282882	284816	282008	1.18	cps
Barium	137-1	487905	500295	501252	496484	1.50	cps
Beryllium	9-1	410	373	387	390	4.76	cps
Bismuth	209-1	1402626	1425987	1416532	1415049	0.83	cps
Bismuth	209-2	1066811	1069392	1079630	1071944	0.63	cps
Bromine	81-1	4381	4381	4241	4334	1.87	cps
Bromine	81-2	110	127	120	119	7.06	cps
Cadmium	108-1	70	83	97	83	16.00	cps
Cadmium	106-1	877	863	803	848	4.61	cps
Cadmium	111-1	975	949	908	944	3.56	cps
Calcium	43-1	41931	42516	43305	42584	1.62	cps
Calcium	44-1	686852	703757	700968	697192	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66948	67393	67015	67118	0.36	cps
Cobalt	59-2	63483	64083	63232	63599	0.69	cps
Copper	63-2	103259	102957	101890	102702	0.70	cps
Dysprosium	156-1	22688	23607	22448	22914	2.67	cps
Dysprosium	156-2	17378	17891	17848	17706	1.61	cps
Erbium	164-1	17247	17211	17064	17174	0.57	cps
Erbium	164-2	11105	10881	11331	11106	2.03	cps
Gadolinium	160-1	20118	19994	19984	20032	0.37	cps
Gadolinium	160-2	13240	13810	13807	13619	2.41	cps
Holmium	165-1	2369359	2435641	2389858	2398286	1.41	cps
Holmium	165-2	1449516	1436150	1473318	1452995	1.30	cps
Indium	115-1	1471888	1479083	1473597	1474856	0.25	cps
Indium	115-2	481376	475451	481367	479398	0.71	cps
Iron	56-2	60376216	60192974	59455741	60008310	0.81	cps
Iron	57-2	1509006	1517141	1485331	1503826	1.10	cps
Iron	54-2	3316267	3292108	3263782	3290719	0.80	cps
Krypton	83-1	43	30	37	37	18.18	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-04	Instrumnet Name :	P7
Client Sample ID :	MYD9W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:51:36	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	78807	80390	79679	79625	1.00	cps
Lead	207-1	67845	69225	69102	68724	1.11	cps
Lead	208-1	310506	315655	317033	314398	1.09	cps
Lithium	6-1	193846	193272	195550	194223	0.61	cps
Magnesium	24-2	1166558	1150811	1178172	1165180	1.18	cps
Manganese	55-2	1341697	1335253	1328698	1335216	0.49	cps
Molybdenum	94-1	21686	21780	22023	21830	0.80	cps
Molybdenum	95-1	1200	1230	1240	1223	1.70	cps
Molybdenum	96-1	5738	5808	5991	5846	2.24	cps
Molybdenum	97-1	687	727	790	734	7.09	cps
Molybdenum	98-1	1987	1933	1830	1917	4.16	cps
Neodymium	150-1	38977	39655	39602	39411	0.96	cps
Neodymium	150-2	21537	22064	21440	21680	1.55	cps
Nickel	60-2	25842	25822	25732	25799	0.23	cps
Phosphorus	31-2	3814	3670	3764	3749	1.94	cps
Potassium	39-2	709376	704923	703076	705792	0.46	cps
Rhodium	103-1	1209760	1211391	1202337	1207829	0.40	cps
Rhodium	103-2	689570	685722	691456	688916	0.42	cps
Scandium	45-1	632116	637080	631757	633651	0.47	cps
Scandium	45-2	57459	56545	56956	56987	0.80	cps
Selenium	82-1	54	79	42	58	33.04	cps
Selenium	77-2	13	20	23	19	26.96	cps
Selenium	78-2	77	100	53	77	30.44	cps
Silicon	28-1	5123608	5155631	5176856	5152031	0.52	cps
Silver	107-1	473	470	450	464	2.72	cps
Silver	109-1	423	463	513	467	9.66	cps
Sodium	23-2	18057	18361	18134	18184	0.87	cps
Strontium	86-1	48001	47998	48496	48165	0.60	cps
Strontium	88-1	424165	430222	432327	428905	0.99	cps
Sulfur	34-1	34539	34492	34506	34512	0.07	cps
Terbium	159-1	2412747	2477193	2417895	2435945	1.47	cps
Terbium	159-2	1416217	1413651	1435999	1421956	0.86	cps
Thallium	203-1	1307	1270	1187	1255	4.90	cps
Thallium	205-1	2877	2760	2784	2807	2.20	cps
Tin	118-1	5748	6121	6191	6020	3.96	cps
Titanium	47-1	204688	206222	207208	206039	0.62	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-04	Instrumnet Name :	P7
Client Sample ID :	MYD9W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:51:36	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11665	12079	11759	11834	1.83	cps
Vanadium	51-2	115991	116407	117268	116555	0.56	cps
Yttrium	89-1	2373441	2391275	2399605	2388107	0.56	cps
Yttrium	89-2	603401	602295	602407	602701	0.10	cps
Zinc	66-2	28784	29168	28197	28716	1.70	cps
Zirconium	90-1	55561	56153	55323	55679	0.77	cps
Zirconium	91-1	12769	12349	12696	12604	1.78	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-05	Instrumnet Name :	P7
Client Sample ID :	MYD9W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:55:01	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1576196	1594173	1575657	1582009	0.67	cps
Antimony	121-1	8009	7692	8009	7903	2.31	cps
Arsenic	75-2	16309	16516	16356	16394	0.66	cps
Barium	135-1	321423	323453	325619	323498	0.65	cps
Barium	137-1	565005	568784	576474	570088	1.03	cps
Beryllium	9-1	383	497	463	448	13.01	cps
Bismuth	209-1	1422455	1421346	1433821	1425874	0.48	cps
Bismuth	209-2	1075204	1081805	1071469	1076160	0.49	cps
Bromine	81-1	4207	4767	4631	4535	6.44	cps
Bromine	81-2	223	173	243	213	16.90	cps
Cadmium	108-1	133	70	100	101	31.34	cps
Cadmium	106-1	957	900	853	903	5.73	cps
Cadmium	111-1	1170	1211	1174	1185	1.92	cps
Calcium	43-1	83880	85599	86642	85374	1.63	cps
Calcium	44-1	1301232	1309392	1315102	1308575	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80037	78335	79508	79293	1.10	cps
Cobalt	59-2	57520	58249	57379	57716	0.81	cps
Copper	63-2	143254	143840	142235	143110	0.57	cps
Dysprosium	156-1	23350	24428	24588	24122	2.79	cps
Dysprosium	156-2	18102	18582	18843	18509	2.03	cps
Erbium	164-1	17821	19096	18282	18400	3.51	cps
Erbium	164-2	11478	11518	11705	11567	1.05	cps
Gadolinium	160-1	20361	21360	21353	21025	2.73	cps
Gadolinium	160-2	14211	14237	14121	14190	0.43	cps
Holmium	165-1	2391836	2365795	2416941	2391524	1.07	cps
Holmium	165-2	1462432	1459966	1455941	1459446	0.22	cps
Indium	115-1	1473113	1473012	1467647	1471257	0.21	cps
Indium	115-2	477617	479739	478111	478489	0.23	cps
Iron	56-2	72031882	71014131	71394692	71480235	0.72	cps
Iron	57-2	1774547	1776089	1786404	1779013	0.36	cps
Iron	54-2	3929335	3866779	3852844	3882986	1.05	cps
Krypton	83-1	37	67	57	53	28.64	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-05	Instrumnet Name :	P7
Client Sample ID :	MYD9W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:55:01	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	124734	124374	124993	124700	0.25	cps
Lead	207-1	108220	108105	109466	108597	0.69	cps
Lead	208-1	490551	493492	499018	494354	0.87	cps
Lithium	6-1	191361	190998	191176	191178	0.10	cps
Magnesium	24-2	1215404	1213980	1217494	1215626	0.15	cps
Manganese	55-2	1365752	1356925	1364449	1362375	0.35	cps
Molybdenum	94-1	26204	27295	27533	27011	2.62	cps
Molybdenum	95-1	1630	1677	1683	1663	1.75	cps
Molybdenum	96-1	7182	7285	7192	7220	0.79	cps
Molybdenum	97-1	1070	1053	977	1033	4.82	cps
Molybdenum	98-1	2777	2694	2604	2691	3.22	cps
Neodymium	150-1	41434	42367	42932	42244	1.79	cps
Neodymium	150-2	22945	23116	23212	23091	0.59	cps
Nickel	60-2	28808	28601	28684	28697	0.36	cps
Phosphorus	31-2	5141	5041	5244	5142	1.98	cps
Potassium	39-2	787051	786876	786697	786875	0.02	cps
Rhodium	103-1	1202495	1204997	1201989	1203160	0.13	cps
Rhodium	103-2	683591	688975	684366	685644	0.42	cps
Scandium	45-1	638097	638396	638419	638304	0.03	cps
Scandium	45-2	56789	56428	57181	56799	0.66	cps
Selenium	82-1	50	59	38	49	21.49	cps
Selenium	77-2	37	33	23	31	22.31	cps
Selenium	78-2	80	63	83	76	14.18	cps
Silicon	28-1	5306243	5317415	5407166	5343608	1.04	cps
Silver	107-1	950	1123	980	1018	9.10	cps
Silver	109-1	890	977	923	930	4.70	cps
Sodium	23-2	20404	19996	19756	20052	1.63	cps
Strontium	86-1	69741	69610	71157	70169	1.22	cps
Strontium	88-1	609106	612348	617920	613125	0.73	cps
Sulfur	34-1	36808	36871	37680	37119	1.31	cps
Terbium	159-1	2417629	2459487	2455844	2444320	0.95	cps
Terbium	159-2	1415154	1427558	1428456	1423723	0.52	cps
Thallium	203-1	1323	1300	1340	1321	1.52	cps
Thallium	205-1	2977	3320	3120	3139	5.49	cps
Tin	118-1	6035	5715	5741	5830	3.05	cps
Titanium	47-1	235961	239861	240041	238621	0.97	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-05	Instrumnet Name :	P7
Client Sample ID :	MYD9W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:55:01	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12983	13334	13213	13177	1.35	cps
Vanadium	51-2	135928	137422	137429	136926	0.63	cps
Yttrium	89-1	2327795	2359812	2322236	2336615	0.87	cps
Yttrium	89-2	602420	605367	602537	603442	0.28	cps
Zinc	66-2	31664	32061	31560	31762	0.83	cps
Zirconium	90-1	68569	71121	69765	69818	1.83	cps
Zirconium	91-1	15518	15545	15698	15587	0.62	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-06	Instrumnet Name :	P7
Client Sample ID :	MYD9W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:58:27	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2416364	2424481	2381815	2407553	0.94	cps
Antimony	121-1	5364	5451	5411	5409	0.80	cps
Arsenic	75-2	17781	17868	18275	17974	1.47	cps
Barium	135-1	493369	499901	504053	499108	1.08	cps
Barium	137-1	865776	876191	885601	875856	1.13	cps
Beryllium	9-1	487	583	473	514	11.67	cps
Bismuth	209-1	1403675	1415691	1413628	1410998	0.46	cps
Bismuth	209-2	1084878	1080096	1074515	1079830	0.48	cps
Bromine	81-1	4814	4721	4918	4818	2.04	cps
Bromine	81-2	193	250	173	206	19.34	cps
Cadmium	108-1	150	103	120	124	19.00	cps
Cadmium	106-1	997	953	957	969	2.49	cps
Cadmium	111-1	1149	1032	1026	1069	6.52	cps
Calcium	43-1	93824	96528	95357	95236	1.42	cps
Calcium	44-1	1430741	1464139	1479305	1458062	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97388	96590	97546	97175	0.53	cps
Cobalt	59-2	78363	79288	77157	78269	1.37	cps
Copper	63-2	131195	129470	126960	129208	1.65	cps
Dysprosium	156-1	33413	33303	33567	33428	0.40	cps
Dysprosium	156-2	25396	25173	25710	25426	1.06	cps
Erbium	164-1	25183	25473	25520	25392	0.72	cps
Erbium	164-2	16817	16366	16383	16522	1.55	cps
Gadolinium	160-1	29337	29912	29528	29592	0.99	cps
Gadolinium	160-2	20509	19954	19467	19977	2.61	cps
Holmium	165-1	2371056	2427215	2389375	2395882	1.20	cps
Holmium	165-2	1488973	1470631	1458005	1472537	1.06	cps
Indium	115-1	1462000	1474018	1480419	1472146	0.64	cps
Indium	115-2	484421	484210	476608	481746	0.92	cps
Iron	56-2	85950042	85111915	85100445	85387468	0.57	cps
Iron	57-2	2159058	2109437	2139768	2136088	1.17	cps
Iron	54-2	4683961	4650142	4658753	4664285	0.38	cps
Krypton	83-1	33	27	47	36	28.64	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-06	Instrumnet Name :	P7
Client Sample ID :	MYD9W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:58:27	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	99219	100821	100529	100190	0.85	cps
Lead	207-1	85305	86242	86094	85880	0.59	cps
Lead	208-1	390777	394251	398263	394430	0.95	cps
Lithium	6-1	190097	191443	192655	191398	0.67	cps
Magnesium	24-2	1861171	1848939	1841053	1850388	0.55	cps
Manganese	55-2	2250650	2261205	2243236	2251697	0.40	cps
Molybdenum	94-1	30081	30856	30498	30478	1.27	cps
Molybdenum	95-1	1513	1637	1550	1567	4.04	cps
Molybdenum	96-1	8166	7999	8052	8072	1.06	cps
Molybdenum	97-1	910	960	1087	986	9.24	cps
Molybdenum	98-1	2294	2630	2430	2451	6.91	cps
Neodymium	150-1	57942	59130	59096	58723	1.15	cps
Neodymium	150-2	32417	32317	32608	32447	0.46	cps
Nickel	60-2	39716	38623	39295	39211	1.41	cps
Phosphorus	31-2	5781	5721	5691	5731	0.80	cps
Potassium	39-2	899872	890134	884032	891346	0.90	cps
Rhodium	103-1	1191255	1200858	1193744	1195286	0.42	cps
Rhodium	103-2	691048	694267	683054	689456	0.84	cps
Scandium	45-1	652525	659526	660406	657485	0.66	cps
Scandium	45-2	59172	59212	58506	58963	0.67	cps
Selenium	82-1	80	70	57	69	16.61	cps
Selenium	77-2	40	60	37	46	27.70	cps
Selenium	78-2	67	83	107	86	23.48	cps
Silicon	28-1	4713702	4775909	4805919	4765177	0.99	cps
Silver	107-1	480	607	693	593	18.08	cps
Silver	109-1	513	530	537	527	2.28	cps
Sodium	23-2	20844	21181	20337	20787	2.05	cps
Strontium	86-1	94685	96986	97332	96334	1.49	cps
Strontium	88-1	847041	859639	858767	855149	0.82	cps
Sulfur	34-1	34876	35531	35197	35202	0.93	cps
Terbium	159-1	2430270	2467861	2473795	2457308	0.96	cps
Terbium	159-2	1455070	1452935	1431308	1446438	0.91	cps
Thallium	203-1	1637	1677	1683	1666	1.52	cps
Thallium	205-1	4024	3961	4171	4052	2.66	cps
Tin	118-1	6752	6965	6862	6859	1.56	cps
Titanium	47-1	264883	273102	269636	269207	1.53	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-06	Instrumnet Name :	P7
Client Sample ID :	MYD9W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 21:58:27	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13350	14044	13877	13757	2.63	cps
Vanadium	51-2	163198	162591	162440	162743	0.25	cps
Yttrium	89-1	2427433	2457331	2434329	2439698	0.64	cps
Yttrium	89-2	632518	631325	619144	627662	1.18	cps
Zinc	66-2	35392	34941	34446	34926	1.35	cps
Zirconium	90-1	76082	78555	78267	77635	1.74	cps
Zirconium	91-1	17330	17601	17707	17546	1.11	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-07	Instrumnet Name :	P7
Client Sample ID :	MYD9W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:01:50	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1689721	1718882	1683877	1697494	1.10	cps
Antimony	121-1	36627	37546	37158	37110	1.24	cps
Arsenic	75-2	16142	16473	16970	16528	2.52	cps
Barium	135-1	323521	325616	327187	325441	0.57	cps
Barium	137-1	566155	577329	569160	570881	1.01	cps
Beryllium	9-1	413	463	380	419	10.01	cps
Bismuth	209-1	1407802	1395742	1418659	1407401	0.81	cps
Bismuth	209-2	1063557	1070413	1052445	1062138	0.85	cps
Bromine	81-1	4487	4574	4447	4503	1.44	cps
Bromine	81-2	167	153	173	164	6.19	cps
Cadmium	108-1	70	77	80	76	6.74	cps
Cadmium	106-1	850	953	873	892	6.07	cps
Cadmium	111-1	1023	1070	999	1031	3.54	cps
Calcium	43-1	43342	43793	43977	43704	0.75	cps
Calcium	44-1	710359	718458	723422	717413	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92293	93709	92186	92729	0.92	cps
Cobalt	59-2	59578	59146	59199	59308	0.40	cps
Copper	63-2	104286	103350	104941	104193	0.77	cps
Dysprosium	156-1	24111	24602	24395	24369	1.01	cps
Dysprosium	156-2	18175	17945	18149	18090	0.70	cps
Erbium	164-1	18562	19120	19050	18911	1.61	cps
Erbium	164-2	12469	12396	11698	12188	3.49	cps
Gadolinium	160-1	20702	21123	21176	21000	1.24	cps
Gadolinium	160-2	14104	14374	14114	14197	1.08	cps
Holmium	165-1	2385525	2393874	2400909	2393436	0.32	cps
Holmium	165-2	1447374	1451357	1414050	1437594	1.43	cps
Indium	115-1	1462939	1466221	1456234	1461798	0.35	cps
Indium	115-2	470432	475904	470016	472117	0.70	cps
Iron	56-2	72869496	71231412	71356002	71818970	1.27	cps
Iron	57-2	1814105	1795979	1803350	1804478	0.51	cps
Iron	54-2	3871967	3880593	3926065	3892875	0.75	cps
Krypton	83-1	47	30	23	33	36.07	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-07	Instrumnet Name :	P7
Client Sample ID :	MYD9W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:01:50	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	85366	85202	84132	84900	0.79	cps
Lead	207-1	72448	73826	73899	73391	1.11	cps
Lead	208-1	334720	337134	336114	335990	0.36	cps
Lithium	6-1	185904	188056	187220	187060	0.58	cps
Magnesium	24-2	1237391	1220417	1223062	1226957	0.74	cps
Manganese	55-2	1432920	1447504	1431655	1437360	0.61	cps
Molybdenum	94-1	13997	15075	14370	14481	3.78	cps
Molybdenum	95-1	1303	1427	1403	1378	4.76	cps
Molybdenum	96-1	4774	4984	5171	4976	3.99	cps
Molybdenum	97-1	877	920	867	888	3.19	cps
Molybdenum	98-1	2377	2327	2294	2332	1.80	cps
Neodymium	150-1	38870	39963	39114	39316	1.46	cps
Neodymium	150-2	21133	21844	21253	21410	1.78	cps
Nickel	60-2	28971	29015	28704	28897	0.58	cps
Phosphorus	31-2	4544	4684	4684	4637	1.74	cps
Potassium	39-2	779174	784230	778769	780724	0.39	cps
Rhodium	103-1	1191502	1196155	1186771	1191476	0.39	cps
Rhodium	103-2	674364	684942	671983	677096	1.02	cps
Scandium	45-1	629223	633085	637108	633138	0.62	cps
Scandium	45-2	56625	56859	55852	56446	0.93	cps
Selenium	82-1	37	82	57	59	38.52	cps
Selenium	77-2	27	47	10	28	66.09	cps
Selenium	78-2	73	70	70	71	2.70	cps
Silicon	28-1	4415465	4504336	4513722	4477841	1.21	cps
Silver	107-1	567	600	543	570	5.00	cps
Silver	109-1	460	507	580	516	11.73	cps
Sodium	23-2	22450	22507	22286	22414	0.51	cps
Strontium	86-1	44989	44871	45019	44960	0.17	cps
Strontium	88-1	392764	394931	395655	394450	0.38	cps
Sulfur	34-1	34556	34729	34445	34577	0.41	cps
Terbium	159-1	2392265	2405240	2444427	2413977	1.12	cps
Terbium	159-2	1409232	1419615	1403384	1410744	0.58	cps
Thallium	203-1	2064	1887	1997	1982	4.50	cps
Thallium	205-1	4928	4818	4648	4798	2.94	cps
Tin	118-1	5034	4828	4901	4921	2.13	cps
Titanium	47-1	196140	198318	197737	197398	0.57	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-07	Instrumnet Name :	P7
Client Sample ID :	MYD9W7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:01:50	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12202	11912	12122	12079	1.24	cps
Vanadium	51-2	136897	138956	138622	138158	0.80	cps
Yttrium	89-1	2329376	2344684	2320133	2331398	0.53	cps
Yttrium	89-2	592094	596237	591100	593144	0.46	cps
Zinc	66-2	28768	29028	29409	29068	1.11	cps
Zirconium	90-1	35369	36001	35951	35773	0.98	cps
Zirconium	91-1	8192	7952	7986	8043	1.62	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-08	Instrumnet Name :	P7
Client Sample ID :	MYD9W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:05:17	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1482160	1477104	1469981	1476415	0.41	cps
Antimony	121-1	6388	6582	6685	6552	2.30	cps
Arsenic	75-2	19303	18949	19069	19107	0.94	cps
Barium	135-1	253865	259218	262130	258404	1.62	cps
Barium	137-1	449086	456639	459585	455103	1.19	cps
Beryllium	9-1	470	467	393	443	9.77	cps
Bismuth	209-1	1377044	1376525	1389210	1380926	0.52	cps
Bismuth	209-2	1072139	1063192	1063883	1066405	0.47	cps
Bromine	81-1	4344	4417	4334	4365	1.04	cps
Bromine	81-2	147	157	100	134	22.50	cps
Cadmium	108-1	80	87	100	89	11.46	cps
Cadmium	106-1	947	890	893	910	3.49	cps
Cadmium	111-1	1207	1119	1119	1148	4.42	cps
Calcium	43-1	36176	36878	36968	36674	1.18	cps
Calcium	44-1	592566	605454	605339	601120	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75873	75525	75732	75710	0.23	cps
Cobalt	59-2	52414	51334	51471	51740	1.14	cps
Copper	63-2	152716	153343	150164	152074	1.11	cps
Dysprosium	156-1	22949	24398	23924	23757	3.11	cps
Dysprosium	156-2	19093	18883	18602	18859	1.31	cps
Erbium	164-1	17431	17558	18008	17666	1.72	cps
Erbium	164-2	11468	11575	11408	11484	0.74	cps
Gadolinium	160-1	20585	20969	20959	20838	1.05	cps
Gadolinium	160-2	14134	14097	13994	14075	0.52	cps
Holmium	165-1	2322082	2360520	2345146	2342583	0.83	cps
Holmium	165-2	1448884	1433979	1442000	1441621	0.52	cps
Indium	115-1	1411409	1429390	1438793	1426531	0.98	cps
Indium	115-2	475160	470520	472107	472596	0.50	cps
Iron	56-2	66011676	64977794	64611767	65200412	1.11	cps
Iron	57-2	1627375	1620813	1607386	1618524	0.63	cps
Iron	54-2	3609026	3544112	3573868	3575669	0.91	cps
Krypton	83-1	27	40	43	37	24.04	cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-08	Instrumnet Name :	P7
Client Sample ID :	MYD9W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:05:17	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	128629	131174	132854	130886	1.63	cps
Lead	207-1	113381	115768	114457	114535	1.04	cps
Lead	208-1	515143	523278	522966	520462	0.89	cps
Lithium	6-1	184133	185095	186221	185150	0.56	cps
Magnesium	24-2	1074002	1063798	1060003	1065935	0.68	cps
Manganese	55-2	1164629	1162791	1152011	1159811	0.59	cps
Molybdenum	94-1	20852	21119	21349	21106	1.18	cps
Molybdenum	95-1	1230	1420	1283	1311	7.47	cps
Molybdenum	96-1	5701	6068	5805	5858	3.23	cps
Molybdenum	97-1	690	850	777	772	10.37	cps
Molybdenum	98-1	2197	2190	2064	2150	3.49	cps
Neodymium	150-1	41351	41845	41872	41689	0.70	cps
Neodymium	150-2	23620	22738	23186	23181	1.90	cps
Nickel	60-2	27285	26797	27402	27161	1.18	cps
Phosphorus	31-2	3287	3300	3427	3338	2.32	cps
Potassium	39-2	719976	712407	714763	715715	0.54	cps
Rhodium	103-1	1161100	1167953	1179546	1169533	0.80	cps
Rhodium	103-2	683944	672957	680611	679171	0.83	cps
Scandium	45-1	608166	610598	617289	612018	0.77	cps
Scandium	45-2	55076	55280	54919	55092	0.33	cps
Selenium	82-1	54	41	28	41	32.30	cps
Selenium	77-2	20	43	37	33	36.05	cps
Selenium	78-2	80	37	50	56	39.95	cps
Silicon	28-1	4608326	4619285	4621524	4616378	0.15	cps
Silver	107-1	1017	937	1170	1041	11.39	cps
Silver	109-1	930	937	897	921	2.33	cps
Sodium	23-2	16449	16345	16359	16384	0.34	cps
Strontium	86-1	38069	40044	39065	39060	2.53	cps
Strontium	88-1	341512	349117	352008	347546	1.56	cps
Sulfur	34-1	33737	33861	34175	33924	0.66	cps
Terbium	159-1	2363724	2364663	2393222	2373870	0.71	cps
Terbium	159-2	1417959	1412457	1406974	1412464	0.39	cps
Thallium	203-1	1223	1390	1333	1316	6.44	cps
Thallium	205-1	3210	3124	3204	3179	1.52	cps
Tin	118-1	6448	6628	6832	6636	2.89	cps
Titanium	47-1	247881	254271	253648	251933	1.40	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-08	Instrumnet Name :	P7
Client Sample ID :	MYD9W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:05:17	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14061	13867	14101	14010	0.89	cps
Vanadium	51-2	120536	120426	119525	120162	0.46	cps
Yttrium	89-1	2241443	2241981	2315422	2266282	1.88	cps
Yttrium	89-2	600689	588048	592451	593729	1.08	cps
Zinc	66-2	32422	32305	32716	32481	0.65	cps
Zirconium	90-1	52186	54009	54578	53591	2.33	cps
Zirconium	91-1	11815	12272	12329	12138	2.32	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-12	Instrumnet Name :	P7
Client Sample ID :	MYD9Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:08:42	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1741151	1686532	1681101	1702928	1.95	cps
Antimony	121-1	2180	2540	2327	2349	7.71	cps
Arsenic	75-2	9593	9683	9820	9699	1.18	cps
Barium	135-1	236763	241015	242236	240005	1.20	cps
Barium	137-1	413067	419334	428149	420183	1.80	cps
Beryllium	9-1	323	343	340	336	3.19	cps
Bismuth	209-1	1281118	1384681	1382621	1349473	4.39	cps
Bismuth	209-2	1054739	1049916	1056561	1053739	0.33	cps
Bromine	81-1	4121	4207	4457	4262	4.10	cps
Bromine	81-2	157	133	137	142	8.87	cps
Cadmium	108-1	73	107	53	78	34.65	cps
Cadmium	106-1	837	847	810	831	2.28	cps
Cadmium	111-1	728	775	710	737	4.55	cps
Calcium	43-1	48210	48982	49524	48905	1.35	cps
Calcium	44-1	794887	805774	809936	803533	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67303	67925	67232	67487	0.57	cps
Cobalt	59-2	44155	42660	43145	43320	1.76	cps
Copper	63-2	74246	73821	73824	73964	0.33	cps
Dysprosium	156-1	20435	20568	21403	20802	2.52	cps
Dysprosium	156-2	16280	16143	16406	16276	0.81	cps
Erbium	164-1	15515	15879	15696	15697	1.16	cps
Erbium	164-2	9940	10204	10281	10142	1.76	cps
Gadolinium	160-1	17888	18235	18736	18286	2.33	cps
Gadolinium	160-2	12432	12676	12326	12478	1.44	cps
Holmium	165-1	2187071	2351087	2383046	2307068	4.56	cps
Holmium	165-2	1427730	1431534	1434454	1431239	0.24	cps
Indium	115-1	1329309	1428328	1428233	1395290	4.10	cps
Indium	115-2	472360	471643	471293	471765	0.12	cps
Iron	56-2	52000471	51958048	51751869	51903463	0.26	cps
Iron	57-2	1363352	1358990	1352343	1358229	0.41	cps
Iron	54-2	2861459	2827336	2876276	2855024	0.88	cps
Krypton	83-1	37	33	37	36	5.42	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-12	Instrumnet Name :	P7
Client Sample ID :	MYD9Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:08:42	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	62952	63688	64251	63630	1.02	cps
Lead	207-1	51467	51996	53448	52304	1.96	cps
Lead	208-1	239809	243536	245862	243069	1.26	cps
Lithium	6-1	174783	185371	185722	181959	3.42	cps
Magnesium	24-2	1111704	1113303	1112037	1112348	0.08	cps
Manganese	55-2	1169511	1173474	1163428	1168804	0.43	cps
Molybdenum	94-1	17541	18475	18792	18269	3.56	cps
Molybdenum	95-1	1043	1073	1017	1044	2.71	cps
Molybdenum	96-1	4998	5068	5058	5041	0.75	cps
Molybdenum	97-1	630	633	620	628	1.11	cps
Molybdenum	98-1	1603	1820	1543	1656	8.79	cps
Neodymium	150-1	36353	37506	36614	36825	1.64	cps
Neodymium	150-2	20245	20245	20141	20210	0.30	cps
Nickel	60-2	21863	21619	21949	21810	0.79	cps
Phosphorus	31-2	2837	2950	2954	2914	2.28	cps
Potassium	39-2	441519	444627	441225	442457	0.43	cps
Rhodium	103-1	1089085	1172096	1172039	1144407	4.19	cps
Rhodium	103-2	677999	674169	680533	677567	0.47	cps
Scandium	45-1	576715	615584	611526	601275	3.55	cps
Scandium	45-2	55003	55648	54217	54956	1.30	cps
Selenium	82-1	35	49	36	40	20.26	cps
Selenium	77-2	20	20	10	17	34.64	cps
Selenium	78-2	73	80	70	74	6.84	cps
Silicon	28-1	4778082	4742672	4781895	4767550	0.45	cps
Silver	107-1	360	287	243	297	19.88	cps
Silver	109-1	220	250	283	251	12.62	cps
Sodium	23-2	22300	22173	22113	22195	0.43	cps
Strontium	86-1	40422	40559	40883	40621	0.58	cps
Strontium	88-1	351200	360795	363439	358478	1.80	cps
Sulfur	34-1	32287	32388	32802	32492	0.84	cps
Terbium	159-1	2189109	2397186	2401892	2329395	5.22	cps
Terbium	159-2	1402428	1399191	1399667	1400429	0.12	cps
Thallium	203-1	840	837	750	809	6.31	cps
Thallium	205-1	1750	1917	1897	1855	4.91	cps
Tin	118-1	6898	7085	7025	7003	1.36	cps
Titanium	47-1	207469	208985	210035	208830	0.62	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-12	Instrumnet Name :	P7
Client Sample ID :	MYD9Y8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:08:42	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11045	11505	11375	11308	2.10	cps
Vanadium	51-2	95147	95553	94651	95117	0.48	cps
Yttrium	89-1	2109181	2312015	2245062	2222086	4.65	cps
Yttrium	89-2	586559	589429	588145	588044	0.24	cps
Zinc	66-2	36675	36568	36618	36620	0.15	cps
Zirconium	90-1	46273	47670	46537	46827	1.59	cps
Zirconium	91-1	10270	10461	10674	10468	1.93	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-14	Instrumnet Name :	P7
Client Sample ID :	MYD9Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:15:31	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1965595	1929112	1963539	1952749	1.05	cps
Antimony	121-1	2770	2920	3087	2926	5.41	cps
Arsenic	75-2	14484	14634	14597	14572	0.54	cps
Barium	135-1	310997	317432	317504	315311	1.18	cps
Barium	137-1	545953	558512	556090	553518	1.20	cps
Beryllium	9-1	413	387	417	406	4.05	cps
Bismuth	209-1	1398899	1378878	1374138	1383972	0.95	cps
Bismuth	209-2	1039175	1050477	1037680	1042444	0.67	cps
Bromine	81-1	4451	4407	4674	4511	3.17	cps
Bromine	81-2	200	247	213	220	10.93	cps
Cadmium	108-1	137	113	153	134	14.94	cps
Cadmium	106-1	880	887	1003	923	7.51	cps
Cadmium	111-1	757	745	798	767	3.67	cps
Calcium	43-1	221753	224823	225123	223900	0.83	cps
Calcium	44-1	3425967	3463478	3442446	3443964	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77354	78258	76378	77330	1.22	cps
Cobalt	59-2	43349	43058	42975	43127	0.46	cps
Copper	63-2	71490	71151	71275	71305	0.24	cps
Dysprosium	156-1	25199	25683	26458	25780	2.46	cps
Dysprosium	156-2	19670	19494	19761	19642	0.69	cps
Erbium	164-1	18796	18836	18996	18876	0.56	cps
Erbium	164-2	12683	12296	12172	12383	2.15	cps
Gadolinium	160-1	22889	22608	23683	23060	2.42	cps
Gadolinium	160-2	15128	15676	15155	15320	2.01	cps
Holmium	165-1	2382385	2357969	2369007	2369787	0.52	cps
Holmium	165-2	1416089	1423782	1413457	1417776	0.38	cps
Indium	115-1	1452139	1425642	1428811	1435531	1.01	cps
Indium	115-2	462636	465307	459957	462633	0.58	cps
Iron	56-2	53539218	52988779	53267906	53265301	0.52	cps
Iron	57-2	1391318	1380998	1386946	1386421	0.37	cps
Iron	54-2	2914750	2897864	2902001	2904872	0.30	cps
Krypton	83-1	50	53	43	49	10.42	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-14	Instrumnet Name :	P7
Client Sample ID :	MYD9Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:15:31	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	52789	53793	53458	53347	0.96	cps
Lead	207-1	44225	45650	45723	45199	1.87	cps
Lead	208-1	207362	209827	209495	208895	0.64	cps
Lithium	6-1	181415	178992	178799	179735	0.81	cps
Magnesium	24-2	1206803	1195130	1217296	1206410	0.92	cps
Manganese	55-2	862970	854185	852695	856617	0.65	cps
Molybdenum	94-1	30685	30742	30228	30552	0.92	cps
Molybdenum	95-1	787	713	743	748	4.93	cps
Molybdenum	96-1	6478	6615	6832	6642	2.68	cps
Molybdenum	97-1	413	373	443	410	8.57	cps
Molybdenum	98-1	1227	1193	1210	1210	1.38	cps
Neodymium	150-1	47199	48536	48051	47929	1.41	cps
Neodymium	150-2	25987	25991	26765	26248	1.71	cps
Nickel	60-2	28751	28333	27722	28269	1.83	cps
Phosphorus	31-2	3594	3564	3124	3427	7.68	cps
Potassium	39-2	393346	393529	392073	392983	0.20	cps
Rhodium	103-1	1179165	1158586	1168449	1168733	0.88	cps
Rhodium	103-2	660259	664464	660460	661727	0.36	cps
Scandium	45-1	623997	614315	616368	618227	0.83	cps
Scandium	45-2	54996	55729	54688	55138	0.97	cps
Selenium	82-1	32	28	44	34	24.20	cps
Selenium	77-2	57	60	47	54	12.74	cps
Selenium	78-2	53	67	63	61	11.36	cps
Silicon	28-1	4239856	4330660	4304969	4291828	1.09	cps
Silver	107-1	383	427	367	392	7.90	cps
Silver	109-1	333	310	277	307	9.29	cps
Sodium	23-2	21128	21135	20537	20933	1.64	cps
Strontium	86-1	84621	85986	85536	85381	0.81	cps
Strontium	88-1	743216	753131	756746	751031	0.93	cps
Sulfur	34-1	34669	34409	34349	34476	0.49	cps
Terbium	159-1	2391630	2413858	2379590	2395026	0.73	cps
Terbium	159-2	1388429	1397199	1390823	1392150	0.33	cps
Thallium	203-1	863	857	850	857	0.78	cps
Thallium	205-1	2207	2057	2070	2111	3.93	cps
Tin	118-1	5601	6061	5725	5796	4.11	cps
Titanium	47-1	219521	221740	221429	220897	0.54	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-14	Instrumnet Name :	P7
Client Sample ID :	MYD9Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:15:31	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9260	9237	9440	9312	1.20	cps
Vanadium	51-2	97039	98035	96824	97300	0.66	cps
Yttrium	89-1	2342548	2311770	2327534	2327284	0.66	cps
Yttrium	89-2	587626	589592	583452	586890	0.53	cps
Zinc	66-2	20564	19379	20007	19983	2.97	cps
Zirconium	90-1	78599	80416	79648	79554	1.15	cps
Zirconium	91-1	17254	17884	17444	17527	1.85	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-16	Instrumnet Name :	P7
Client Sample ID :	MYD9Z2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:22:17	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1652081	1636216	1686385	1658228	1.55	cps
Antimony	121-1	2630	2820	2824	2758	4.01	cps
Arsenic	75-2	11398	11264	10954	11205	2.03	cps
Barium	135-1	225138	227128	228957	227075	0.84	cps
Barium	137-1	392357	398638	401404	397466	1.17	cps
Beryllium	9-1	387	377	440	401	8.49	cps
Bismuth	209-1	1348516	1366162	1361933	1358870	0.68	cps
Bismuth	209-2	1042736	1035985	1030504	1036408	0.59	cps
Bromine	81-1	4394	4534	4544	4491	1.87	cps
Bromine	81-2	193	90	173	152	36.01	cps
Cadmium	108-1	80	50	53	61	26.91	cps
Cadmium	106-1	857	857	780	831	5.33	cps
Cadmium	111-1	750	801	779	777	3.29	cps
Calcium	43-1	185431	187907	185498	186279	0.76	cps
Calcium	44-1	2835964	2899357	2879311	2871544	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69887	69687	69285	69620	0.44	cps
Cobalt	59-2	42152	41962	42610	42241	0.79	cps
Copper	63-2	72551	72806	72842	72733	0.22	cps
Dysprosium	156-1	21597	22074	21723	21798	1.13	cps
Dysprosium	156-2	16400	16900	16273	16524	2.01	cps
Erbium	164-1	18676	18449	19177	18767	1.98	cps
Erbium	164-2	12396	11832	12182	12136	2.35	cps
Gadolinium	160-1	19934	20405	20028	20122	1.24	cps
Gadolinium	160-2	13096	13463	13817	13459	2.68	cps
Holmium	165-1	2296483	2325099	2331318	2317633	0.80	cps
Holmium	165-2	1413045	1411363	1399055	1407821	0.54	cps
Indium	115-1	1395650	1413199	1413054	1407301	0.72	cps
Indium	115-2	465027	458837	458791	460885	0.78	cps
Iron	56-2	49570253	49276634	48897698	49248195	0.68	cps
Iron	57-2	1282735	1270612	1271199	1274848	0.54	cps
Iron	54-2	2692762	2659126	2705449	2685779	0.89	cps
Krypton	83-1	37	23	57	39	43.15	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-16	Instrumnet Name :	P7
Client Sample ID :	MYD9Z2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:22:17	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	52832	52899	53987	53239	1.22	cps
Lead	207-1	44011	43690	43988	43896	0.41	cps
Lead	208-1	204896	206051	208423	206456	0.87	cps
Lithium	6-1	181716	182140	179945	181267	0.64	cps
Magnesium	24-2	1579819	1549870	1581066	1570252	1.12	cps
Manganese	55-2	927590	926093	921410	925031	0.35	cps
Molybdenum	94-1	9640	9473	9973	9696	2.63	cps
Molybdenum	95-1	990	1027	1030	1016	2.19	cps
Molybdenum	96-1	3287	3257	3430	3325	2.79	cps
Molybdenum	97-1	737	610	757	701	11.34	cps
Molybdenum	98-1	1537	1577	1663	1592	4.07	cps
Neodymium	150-1	35398	36180	36845	36141	2.00	cps
Neodymium	150-2	19610	19771	19667	19683	0.41	cps
Nickel	60-2	23435	23669	22881	23328	1.73	cps
Phosphorus	31-2	7962	8352	7915	8077	2.97	cps
Potassium	39-2	533818	528092	526934	529615	0.70	cps
Rhodium	103-1	1146190	1157601	1149117	1150969	0.51	cps
Rhodium	103-2	669359	661535	659021	663305	0.81	cps
Scandium	45-1	611976	612209	614054	612746	0.19	cps
Scandium	45-2	54748	54019	53732	54166	0.97	cps
Selenium	82-1	45	61	33	46	29.51	cps
Selenium	77-2	37	40	27	34	20.14	cps
Selenium	78-2	97	43	53	64	44.00	cps
Silicon	28-1	4249935	4239176	4239989	4243033	0.14	cps
Silver	107-1	263	217	257	246	10.28	cps
Silver	109-1	310	287	287	294	4.58	cps
Sodium	23-2	29034	28490	29098	28874	1.16	cps
Strontium	86-1	46048	47396	47720	47055	1.88	cps
Strontium	88-1	412453	417544	421827	417274	1.12	cps
Sulfur	34-1	35147	35070	34679	34966	0.72	cps
Terbium	159-1	2372665	2367612	2370323	2370200	0.11	cps
Terbium	159-2	1385833	1373539	1370065	1376479	0.60	cps
Thallium	203-1	837	997	913	916	8.74	cps
Thallium	205-1	2230	2154	2190	2191	1.75	cps
Tin	118-1	5184	5478	5534	5399	3.48	cps
Titanium	47-1	196015	198038	198277	197443	0.63	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-16	Instrumnet Name :	P7
Client Sample ID :	MYD9Z2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:22:17	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15379	15753	16427	15853	3.35	cps
Vanadium	51-2	98878	97710	96814	97801	1.06	cps
Yttrium	89-1	2306472	2345434	2362127	2338011	1.22	cps
Yttrium	89-2	604785	594885	593581	597751	1.03	cps
Zinc	66-2	21062	22183	21596	21613	2.60	cps
Zirconium	90-1	23899	24354	24444	24232	1.20	cps
Zirconium	91-1	5224	5611	5671	5502	4.41	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-13	Instrumnet Name :	P7
Client Sample ID :	MYD9Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:26:12	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1967760	1963879	1967815	1966485	0.11	cps
Antimony	121-1	5761	6088	6001	5950	2.85	cps
Arsenic	75-2	11611	12018	11975	11868	1.88	cps
Barium	135-1	511271	514339	522047	515885	1.08	cps
Barium	137-1	895741	906299	916925	906322	1.17	cps
Beryllium	9-1	373	467	440	427	11.27	cps
Bismuth	209-1	1349960	1346085	1373413	1356486	1.09	cps
Bismuth	209-2	1042303	944829	1057123	1014752	6.01	cps
Bromine	81-1	4214	4374	4491	4360	3.19	cps
Bromine	81-2	117	143	163	141	16.59	cps
Cadmium	108-1	100	117	133	117	14.29	cps
Cadmium	106-1	947	753	787	829	12.47	cps
Cadmium	111-1	1469	1402	1187	1353	10.89	cps
Calcium	43-1	172801	175589	174217	174202	0.80	cps
Calcium	44-1	2659779	2703302	2672639	2678573	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72208	72098	71605	71971	0.45	cps
Cobalt	59-2	52809	53471	52150	52810	1.25	cps
Copper	63-2	325313	322206	321411	322976	0.64	cps
Dysprosium	156-1	27016	27183	27544	27248	0.99	cps
Dysprosium	156-2	21173	21433	21583	21396	0.97	cps
Erbium	164-1	19787	19724	20098	19870	1.01	cps
Erbium	164-2	13030	13140	12526	12898	2.54	cps
Gadolinium	160-1	23637	23770	24111	23839	1.03	cps
Gadolinium	160-2	15626	16079	16076	15927	1.64	cps
Holmium	165-1	2286531	2319891	2351567	2319329	1.40	cps
Holmium	165-2	1414328	1279596	1432358	1375427	6.07	cps
Indium	115-1	1401593	1397622	1425918	1408378	1.09	cps
Indium	115-2	462825	418872	469243	450313	6.09	cps
Iron	56-2	57820967	58716369	57960456	58165931	0.83	cps
Iron	57-2	1463434	1457096	1442092	1454207	0.75	cps
Iron	54-2	3173036	3204421	3184796	3187418	0.50	cps
Krypton	83-1	57	30	47	44	30.31	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-13	Instrumnet Name :	P7
Client Sample ID :	MYD9Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:26:12	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	189778	191332	193213	191441	0.90	cps
Lead	207-1	166507	170131	172986	169875	1.91	cps
Lead	208-1	756298	770619	779307	768741	1.51	cps
Lithium	6-1	179827	180255	180764	180282	0.26	cps
Magnesium	24-2	1639222	1656125	1656067	1650471	0.59	cps
Manganese	55-2	1075358	1081188	1067220	1074589	0.65	cps
Molybdenum	94-1	20902	21723	21139	21254	1.99	cps
Molybdenum	95-1	1027	1073	1180	1093	7.19	cps
Molybdenum	96-1	5678	5548	5701	5642	1.46	cps
Molybdenum	97-1	683	590	710	661	9.53	cps
Molybdenum	98-1	1730	1833	1697	1753	4.06	cps
Neodymium	150-1	51581	51995	52899	52158	1.29	cps
Neodymium	150-2	28552	29324	28415	28764	1.70	cps
Nickel	60-2	34139	33925	33574	33879	0.84	cps
Phosphorus	31-2	7565	7308	7078	7317	3.33	cps
Potassium	39-2	657018	660807	655572	657799	0.41	cps
Rhodium	103-1	1145555	1148915	1164941	1153137	0.90	cps
Rhodium	103-2	664344	599573	677208	647042	6.43	cps
Scandium	45-1	611592	608564	609248	609801	0.26	cps
Scandium	45-2	54501	49362	55407	53090	6.14	cps
Selenium	82-1	32	73	47	50	41.78	cps
Selenium	77-2	70	40	60	57	26.96	cps
Selenium	78-2	87	73	63	74	15.73	cps
Silicon	28-1	4215978	4257587	4140359	4204642	1.41	cps
Silver	107-1	1277	1240	1297	1271	2.26	cps
Silver	109-1	1173	1250	1213	1212	3.16	cps
Sodium	23-2	26449	26520	26473	26481	0.13	cps
Strontium	86-1	134201	136377	136452	135676	0.94	cps
Strontium	88-1	1187806	1202434	1212115	1200785	1.02	cps
Sulfur	34-1	36915	36330	37439	36895	1.50	cps
Terbium	159-1	2358928	2352702	2382048	2364559	0.65	cps
Terbium	159-2	1383497	1262969	1401271	1349246	5.58	cps
Thallium	203-1	1070	1053	1177	1100	6.08	cps
Thallium	205-1	2600	2674	2580	2618	1.88	cps
Tin	118-1	8319	8503	8352	8391	1.16	cps
Titanium	47-1	238957	240863	242769	240863	0.79	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-13	Instrumnet Name :	P7
Client Sample ID :	MYD9Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:26:12	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10875	11018	10751	10881	1.23	cps
Vanadium	51-2	112008	112320	110151	111493	1.05	cps
Yttrium	89-1	2279574	2286062	2291686	2285774	0.27	cps
Yttrium	89-2	587595	535802	595160	572853	5.64	cps
Zinc	66-2	48224	48214	47031	47823	1.43	cps
Zirconium	90-1	54531	55421	55790	55247	1.17	cps
Zirconium	91-1	12148	12559	12299	12335	1.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-15	Instrumnet Name :	P7
Client Sample ID :	MYD9Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:29:36	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2224037	2259267	2255182	2246162	0.86	cps
Antimony	121-1	3881	3921	3741	3847	2.46	cps
Arsenic	75-2	12579	12182	12188	12316	1.85	cps
Barium	135-1	257875	260179	264068	260708	1.20	cps
Barium	137-1	452549	458983	463836	458456	1.24	cps
Beryllium	9-1	330	373	413	372	11.20	cps
Bismuth	209-1	1369134	1394014	1383933	1382360	0.91	cps
Bismuth	209-2	1027050	1030930	1038987	1032322	0.59	cps
Bromine	81-1	4694	4878	4934	4835	2.60	cps
Bromine	81-2	210	197	290	232	21.74	cps
Cadmium	108-1	77	113	117	102	21.71	cps
Cadmium	106-1	1033	873	913	940	8.86	cps
Cadmium	111-1	980	885	948	938	5.12	cps
Calcium	43-1	80174	81500	82111	81261	1.22	cps
Calcium	44-1	1240169	1228817	1242957	1237314	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101465	103874	102716	102685	1.17	cps
Cobalt	59-2	73047	72805	72300	72717	0.52	cps
Copper	63-2	129568	129232	129162	129321	0.17	cps
Dysprosium	156-1	22231	23012	22832	22692	1.80	cps
Dysprosium	156-2	16927	17007	16974	16969	0.24	cps
Erbium	164-1	22191	22024	21964	22060	0.53	cps
Erbium	164-2	13490	13443	14154	13696	2.90	cps
Gadolinium	160-1	21593	21984	21630	21736	0.99	cps
Gadolinium	160-2	14164	14621	14611	14465	1.80	cps
Holmium	165-1	2350506	2383344	2405560	2379803	1.16	cps
Holmium	165-2	1410840	1415894	1418675	1415136	0.28	cps
Indium	115-1	1436856	1442742	1441557	1440385	0.22	cps
Indium	115-2	463710	466265	462129	464035	0.45	cps
Iron	56-2	78543872	78577274	77901347	78340831	0.49	cps
Iron	57-2	1943096	1976522	1961203	1960274	0.85	cps
Iron	54-2	4242206	4254133	4274138	4256826	0.38	cps
Krypton	83-1	47	37	43	42	12.06	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-15	Instrumnet Name :	P7
Client Sample ID :	MYD9Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:29:36	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	55125	54773	55600	55166	0.75	cps
Lead	207-1	47161	48178	48255	47865	1.28	cps
Lead	208-1	216674	219144	220949	218922	0.98	cps
Lithium	6-1	180053	180990	182333	181125	0.63	cps
Magnesium	24-2	1573019	1580260	1557027	1570102	0.76	cps
Manganese	55-2	1601600	1606108	1598817	1602175	0.23	cps
Molybdenum	94-1	26925	27342	27356	27208	0.90	cps
Molybdenum	95-1	760	913	903	859	9.99	cps
Molybdenum	96-1	6465	6692	6945	6700	3.59	cps
Molybdenum	97-1	550	643	597	597	7.82	cps
Molybdenum	98-1	1323	1277	1487	1362	8.10	cps
Neodymium	150-1	33603	34469	35023	34365	2.08	cps
Neodymium	150-2	18536	19150	19000	18895	1.69	cps
Nickel	60-2	29920	30271	29366	29852	1.53	cps
Phosphorus	31-2	2984	3324	3107	3138	5.49	cps
Potassium	39-2	433810	434055	434293	434053	0.06	cps
Rhodium	103-1	1167334	1173163	1179410	1173302	0.51	cps
Rhodium	103-2	667143	669377	665742	667421	0.27	cps
Scandium	45-1	659017	660687	664503	661402	0.43	cps
Scandium	45-2	59938	59098	58713	59250	1.06	cps
Selenium	82-1	27	62	39	43	41.54	cps
Selenium	77-2	27	43	40	37	24.04	cps
Selenium	78-2	57	73	43	58	26.01	cps
Silicon	28-1	4254095	4325114	4360684	4313297	1.26	cps
Silver	107-1	317	377	367	353	9.10	cps
Silver	109-1	297	313	253	288	10.76	cps
Sodium	23-2	47607	48563	48449	48206	1.08	cps
Strontium	86-1	55849	57937	57020	56935	1.84	cps
Strontium	88-1	495226	502240	502476	499981	0.82	cps
Sulfur	34-1	34409	34101	34041	34184	0.58	cps
Terbium	159-1	2438775	2375234	2413400	2409136	1.33	cps
Terbium	159-2	1389139	1381623	1387722	1386161	0.29	cps
Thallium	203-1	857	823	787	822	4.26	cps
Thallium	205-1	1793	1937	1770	1833	4.92	cps
Tin	118-1	5521	5691	5751	5655	2.11	cps
Titanium	47-1	835467	851658	849480	845535	1.04	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-15	Instrumnet Name :	P7
Client Sample ID :	MYD9Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:29:36	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8536	8590	9000	8708	2.91	cps
Vanadium	51-2	197950	198858	197778	198195	0.29	cps
Yttrium	89-1	2298826	2361817	2391601	2350748	2.01	cps
Yttrium	89-2	598183	598303	591653	596046	0.64	cps
Zinc	66-2	24690	24490	24527	24569	0.43	cps
Zirconium	90-1	68804	69765	70197	69588	1.02	cps
Zirconium	91-1	15161	15428	16129	15573	3.21	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-17	Instrumnet Name :	P7
Client Sample ID :	MYD9Z3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:33:01	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1920941	1887972	1884758	1897891	1.06	cps
Antimony	121-1	2580	2717	2620	2639	2.66	cps
Arsenic	75-2	13429	13746	13333	13503	1.60	cps
Barium	135-1	389040	390781	389936	389919	0.22	cps
Barium	137-1	683426	686137	686511	685358	0.25	cps
Beryllium	9-1	383	413	300	366	16.06	cps
Bismuth	209-1	1329382	1333990	1334458	1332610	0.21	cps
Bismuth	209-2	982611	985193	989359	985721	0.35	cps
Bromine	81-1	4734	4404	4601	4580	3.63	cps
Bromine	81-2	240	210	277	242	13.79	cps
Cadmium	108-1	110	133	130	124	10.14	cps
Cadmium	106-1	930	1003	983	972	3.90	cps
Cadmium	111-1	797	829	801	809	2.15	cps
Calcium	43-1	481117	477570	473981	477556	0.75	cps
Calcium	44-1	7375449	7352053	7341828	7356443	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78238	77049	77467	77585	0.78	cps
Cobalt	59-2	40712	40207	40715	40545	0.72	cps
Copper	63-2	65331	63521	64374	64409	1.41	cps
Dysprosium	156-1	26872	27734	27881	27496	1.98	cps
Dysprosium	156-2	20982	20976	20932	20964	0.13	cps
Erbium	164-1	20569	19857	19874	20100	2.02	cps
Erbium	164-2	12719	12753	12919	12797	0.84	cps
Gadolinium	160-1	24071	24532	23934	24179	1.30	cps
Gadolinium	160-2	16230	15429	15953	15870	2.56	cps
Holmium	165-1	2262149	2252027	2291773	2268649	0.91	cps
Holmium	165-2	1346059	1353898	1346075	1348677	0.34	cps
Indium	115-1	1385477	1360493	1362479	1369483	1.01	cps
Indium	115-2	434909	437458	435887	436085	0.29	cps
Iron	56-2	50995346	50814659	51229639	51013215	0.41	cps
Iron	57-2	1344297	1340973	1334008	1339759	0.39	cps
Iron	54-2	2818771	2807955	2810389	2812371	0.20	cps
Krypton	83-1	30	53	43	42	27.72	cps

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On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-17	Instrumnet Name :	P7
Client Sample ID :	MYD9Z3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:33:01	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	51250	51678	52990	51972	1.74	cps
Lead	207-1	43279	43978	43944	43733	0.90	cps
Lead	208-1	199668	203104	204711	202494	1.27	cps
Lithium	6-1	172564	170706	166724	169998	1.76	cps
Magnesium	24-2	1335930	1334891	1330752	1333858	0.21	cps
Manganese	55-2	821177	816970	822585	820244	0.36	cps
Molybdenum	94-1	39446	39841	39867	39718	0.59	cps
Molybdenum	95-1	580	640	627	616	5.12	cps
Molybdenum	96-1	8182	8236	8316	8245	0.81	cps
Molybdenum	97-1	393	413	363	390	6.45	cps
Molybdenum	98-1	953	933	1017	968	4.50	cps
Neodymium	150-1	51708	52812	51838	52119	1.16	cps
Neodymium	150-2	27974	27911	28195	28027	0.53	cps
Nickel	60-2	27839	27418	27408	27555	0.89	cps
Phosphorus	31-2	4521	4197	4247	4322	4.03	cps
Potassium	39-2	457200	457673	459775	458216	0.30	cps
Rhodium	103-1	1119748	1098033	1094201	1103994	1.25	cps
Rhodium	103-2	623437	624913	617997	622116	0.59	cps
Scandium	45-1	591529	581292	576291	583037	1.33	cps
Scandium	45-2	51390	51286	50725	51134	0.70	cps
Selenium	82-1	72	36	45	51	36.80	cps
Selenium	77-2	40	40	50	43	13.32	cps
Selenium	78-2	60	47	73	60	22.22	cps
Silicon	28-1	5218051	5118461	5042789	5126434	1.71	cps
Silver	107-1	397	317	370	361	11.28	cps
Silver	109-1	330	303	260	298	11.87	cps
Sodium	23-2	23184	23124	22994	23101	0.42	cps
Strontium	86-1	130872	129947	130377	130399	0.35	cps
Strontium	88-1	1153221	1153256	1157014	1154497	0.19	cps
Sulfur	34-1	35815	35204	34973	35331	1.23	cps
Terbium	159-1	2336171	2333174	2336324	2335223	0.08	cps
Terbium	159-2	1314275	1327456	1322030	1321254	0.50	cps
Thallium	203-1	867	1017	843	909	10.35	cps
Thallium	205-1	2017	2154	2187	2119	4.25	cps
Tin	118-1	6061	6175	6038	6091	1.20	cps
Titanium	47-1	256641	253811	253415	254622	0.69	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-17	Instrumnet Name :	P7
Client Sample ID :	MYD9Z3	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:33:01	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10194	10621	10364	10393	2.07	cps
Vanadium	51-2	90938	90294	90704	90645	0.36	cps
Yttrium	89-1	2241867	2232347	2215818	2230011	0.59	cps
Yttrium	89-2	556040	561924	556640	558201	0.58	cps
Zinc	66-2	18461	18572	18959	18664	1.40	cps
Zirconium	90-1	105323	102232	104525	104027	1.54	cps
Zirconium	91-1	22995	22965	23185	23048	0.52	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-18	Instrumnet Name :	P7
Client Sample ID :	MYD9Z4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:36:25	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1818480	1793177	1786273	1799310	0.94	cps
Antimony	121-1	1753	1830	1797	1793	2.14	cps
Arsenic	75-2	10847	10874	11078	10933	1.15	cps
Barium	135-1	294968	301790	305674	300811	1.80	cps
Barium	137-1	518252	527726	535281	527086	1.62	cps
Beryllium	9-1	300	420	363	361	16.62	cps
Bismuth	209-1	1353390	1371780	1381320	1368830	1.04	cps
Bismuth	209-2	1049000	1053322	1042958	1048427	0.50	cps
Bromine	81-1	4561	4687	4741	4663	1.98	cps
Bromine	81-2	160	230	203	198	17.86	cps
Cadmium	108-1	30	117	67	71	61.18	cps
Cadmium	106-1	913	837	737	829	10.69	cps
Cadmium	111-1	785	747	716	749	4.63	cps
Calcium	43-1	48845	50299	50922	50022	2.13	cps
Calcium	44-1	797237	816401	823270	812303	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74449	74164	74365	74326	0.20	cps
Cobalt	59-2	42687	43483	43279	43150	0.96	cps
Copper	63-2	64371	65131	65004	64835	0.63	cps
Dysprosium	156-1	20258	19764	20155	20059	1.30	cps
Dysprosium	156-2	15342	15662	15582	15529	1.07	cps
Erbium	164-1	15062	15165	15525	15251	1.60	cps
Erbium	164-2	9874	9814	9647	9778	1.20	cps
Gadolinium	160-1	17451	17438	17511	17467	0.22	cps
Gadolinium	160-2	12172	12229	11888	12096	1.51	cps
Holmium	165-1	2286368	2313781	2346963	2315704	1.31	cps
Holmium	165-2	1421454	1423201	1405957	1416871	0.67	cps
Indium	115-1	1407625	1429181	1427968	1421592	0.85	cps
Indium	115-2	462939	468901	463624	465155	0.70	cps
Iron	56-2	50110833	49965101	50198688	50091540	0.24	cps
Iron	57-2	1301261	1298175	1305274	1301570	0.27	cps
Iron	54-2	2733502	2747909	2768051	2749821	0.63	cps
Krypton	83-1	37	40	30	36	14.32	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-18	Instrumnet Name :	P7
Client Sample ID :	MYD9Z4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:36:25	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	48697	49450	50099	49415	1.42	cps
Lead	207-1	42326	41329	41991	41882	1.21	cps
Lead	208-1	191571	194056	196145	193924	1.18	cps
Lithium	6-1	170177	174447	174524	173050	1.44	cps
Magnesium	24-2	1137969	1142178	1134391	1138179	0.34	cps
Manganese	55-2	1290282	1277859	1286941	1285027	0.50	cps
Molybdenum	94-1	18752	19370	19223	19115	1.69	cps
Molybdenum	95-1	610	563	630	601	5.69	cps
Molybdenum	96-1	4571	4744	4711	4675	1.97	cps
Molybdenum	97-1	450	383	377	403	10.05	cps
Molybdenum	98-1	887	970	950	936	4.65	cps
Neodymium	150-1	35481	35511	36320	35771	1.33	cps
Neodymium	150-2	19941	19620	19487	19683	1.19	cps
Nickel	60-2	24684	24043	24423	24383	1.32	cps
Phosphorus	31-2	2174	2227	2257	2219	1.90	cps
Potassium	39-2	435959	434302	436863	435708	0.30	cps
Rhodium	103-1	1150832	1169042	1164791	1161555	0.82	cps
Rhodium	103-2	666630	671123	668314	668689	0.34	cps
Scandium	45-1	590375	600750	601341	597489	1.03	cps
Scandium	45-2	53869	54909	54367	54382	0.96	cps
Selenium	82-1	27	23	55	35	49.60	cps
Selenium	77-2	30	30	23	28	13.86	cps
Selenium	78-2	70	93	53	72	27.82	cps
Silicon	28-1	3794514	3814872	3961577	3856988	2.36	cps
Silver	107-1	270	267	237	258	7.12	cps
Silver	109-1	207	257	183	216	17.38	cps
Sodium	23-2	14167	14394	14454	14338	1.06	cps
Strontium	86-1	46570	47008	47871	47150	1.40	cps
Strontium	88-1	407666	417537	421638	415614	1.73	cps
Sulfur	34-1	31679	30868	31062	31203	1.36	cps
Terbium	159-1	2383626	2387064	2382042	2384244	0.11	cps
Terbium	159-2	1385099	1393166	1381212	1386492	0.44	cps
Thallium	203-1	840	917	943	900	5.96	cps
Thallium	205-1	2017	2000	2034	2017	0.83	cps
Tin	118-1	4187	4317	4127	4211	2.31	cps
Titanium	47-1	164826	170174	171108	168703	2.01	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-18	Instrumnet Name :	P7
Client Sample ID :	MYD9Z4	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:36:25	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8139	8269	8740	8383	3.77	cps
Vanadium	51-2	94805	94352	93484	94214	0.71	cps
Yttrium	89-1	2228353	2253703	2262995	2248350	0.80	cps
Yttrium	89-2	580210	584633	575943	580262	0.75	cps
Zinc	66-2	19319	19713	19713	19582	1.16	cps
Zirconium	90-1	48664	49965	50410	49679	1.83	cps
Zirconium	91-1	11321	11395	11461	11392	0.62	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-19	Instrumnet Name :	P7
Client Sample ID :	MYD9Z5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:39:54	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1971954	2007198	1975985	1985046	0.97	cps
Antimony	121-1	2560	2630	2677	2622	2.24	cps
Arsenic	75-2	14367	13750	13890	14002	2.31	cps
Barium	135-1	320910	328869	324554	324778	1.23	cps
Barium	137-1	563873	571315	574978	570056	0.99	cps
Beryllium	9-1	403	413	373	397	5.25	cps
Bismuth	209-1	1386021	1396520	1434004	1405515	1.79	cps
Bismuth	209-2	1066317	1050977	1058957	1058750	0.72	cps
Bromine	81-1	5044	4841	4721	4869	3.36	cps
Bromine	81-2	223	247	230	233	5.15	cps
Cadmium	108-1	140	83	103	109	26.40	cps
Cadmium	106-1	903	960	807	890	8.71	cps
Cadmium	111-1	734	874	716	775	11.15	cps
Calcium	43-1	53213	54293	54367	53958	1.20	cps
Calcium	44-1	868170	883894	887437	879834	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80892	81475	80614	80994	0.54	cps
Cobalt	59-2	51729	51013	51481	51408	0.71	cps
Copper	63-2	76364	75770	75546	75893	0.56	cps
Dysprosium	156-1	25727	26235	26168	26043	1.06	cps
Dysprosium	156-2	19807	19978	19944	19910	0.45	cps
Erbium	164-1	19230	20014	20201	19815	2.60	cps
Erbium	164-2	12299	12292	12382	12324	0.41	cps
Gadolinium	160-1	22862	23109	23747	23239	1.96	cps
Gadolinium	160-2	15355	15255	15225	15278	0.45	cps
Holmium	165-1	2351063	2425309	2393722	2390031	1.56	cps
Holmium	165-2	1450156	1429132	1434618	1437969	0.76	cps
Indium	115-1	1428217	1439554	1443868	1437213	0.56	cps
Indium	115-2	471470	465786	467197	468151	0.63	cps
Iron	56-2	59759232	60230926	59864299	59951486	0.41	cps
Iron	57-2	1532963	1492378	1512653	1512665	1.34	cps
Iron	54-2	3230785	3292930	3222783	3248832	1.18	cps
Krypton	83-1	43	37	27	36	23.58	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-19	Instrumnet Name :	P7
Client Sample ID :	MYD9Z5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:39:54	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	60240	62098	63387	61908	2.56	cps
Lead	207-1	52063	52508	53357	52643	1.25	cps
Lead	208-1	237309	242363	245893	241855	1.78	cps
Lithium	6-1	176412	178404	180293	178370	1.09	cps
Magnesium	24-2	1277808	1310113	1277536	1288485	1.45	cps
Manganese	55-2	1240768	1240761	1232047	1237859	0.41	cps
Molybdenum	94-1	28661	29002	29503	29056	1.46	cps
Molybdenum	95-1	790	817	783	797	2.21	cps
Molybdenum	96-1	6598	6782	6888	6756	2.17	cps
Molybdenum	97-1	473	427	523	474	10.19	cps
Molybdenum	98-1	1263	1213	1187	1221	3.19	cps
Neodymium	150-1	44727	46192	46232	45717	1.88	cps
Neodymium	150-2	25009	25139	24785	24978	0.72	cps
Nickel	60-2	28354	27826	27659	27946	1.30	cps
Phosphorus	31-2	3184	3377	3204	3255	3.27	cps
Potassium	39-2	522431	525563	520520	522838	0.49	cps
Rhodium	103-1	1165385	1176302	1183477	1175055	0.78	cps
Rhodium	103-2	676945	669278	671068	672430	0.60	cps
Scandium	45-1	615883	621438	622188	619836	0.56	cps
Scandium	45-2	56060	55210	55227	55499	0.88	cps
Selenium	82-1	48	40	69	52	28.09	cps
Selenium	77-2	17	23	27	22	22.91	cps
Selenium	78-2	57	53	77	62	20.29	cps
Silicon	28-1	4861274	4924801	4901016	4895697	0.66	cps
Silver	107-1	353	350	387	363	5.58	cps
Silver	109-1	280	317	277	291	7.62	cps
Sodium	23-2	15805	15428	15304	15512	1.68	cps
Strontium	86-1	57515	57625	58352	57831	0.79	cps
Strontium	88-1	504831	513316	513660	510602	0.98	cps
Sulfur	34-1	31890	32174	31456	31840	1.14	cps
Terbium	159-1	2349130	2390411	2452614	2397385	2.17	cps
Terbium	159-2	1419171	1400635	1403655	1407820	0.71	cps
Thallium	203-1	997	1023	897	972	6.87	cps
Thallium	205-1	2234	2564	2360	2386	6.98	cps
Tin	118-1	4918	4994	5088	5000	1.70	cps
Titanium	47-1	215475	218971	220936	218460	1.27	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-19	Instrumnet Name :	P7
Client Sample ID :	MYD9Z5	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:39:54	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9257	9463	9660	9460	2.13	cps
Vanadium	51-2	110490	112458	110356	111101	1.06	cps
Yttrium	89-1	2327339	2329001	2311721	2322687	0.41	cps
Yttrium	89-2	598111	593056	591433	594200	0.59	cps
Zinc	66-2	22437	22293	22343	22358	0.33	cps
Zirconium	90-1	74069	76799	75982	75617	1.85	cps
Zirconium	91-1	16860	17287	17234	17127	1.36	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-20	Instrumnet Name :	P7
Client Sample ID :	MYD9Z6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:43:19	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1612639	1622951	1594952	1610181	0.88	cps
Antimony	121-1	2760	2797	2617	2725	3.49	cps
Arsenic	75-2	13650	13650	13586	13629	0.27	cps
Barium	135-1	221372	224471	225890	223911	1.03	cps
Barium	137-1	392414	397396	395590	395133	0.64	cps
Beryllium	9-1	330	380	300	337	12.00	cps
Bismuth	209-1	1399699	1402351	1415444	1405831	0.60	cps
Bismuth	209-2	1050085	1051221	1051387	1050898	0.07	cps
Bromine	81-1	4631	4271	4411	4437	4.09	cps
Bromine	81-2	140	147	177	154	12.65	cps
Cadmium	108-1	63	43	70	59	23.57	cps
Cadmium	106-1	857	783	753	798	6.66	cps
Cadmium	111-1	769	731	765	755	2.73	cps
Calcium	43-1	49296	49433	49296	49342	0.16	cps
Calcium	44-1	799103	809777	813893	807591	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77478	77574	76426	77159	0.83	cps
Cobalt	59-2	46762	45107	45572	45814	1.86	cps
Copper	63-2	75763	76116	76206	76028	0.31	cps
Dysprosium	156-1	20265	20472	20799	20512	1.31	cps
Dysprosium	156-2	15252	15679	16019	15650	2.46	cps
Erbium	164-1	16046	15946	16603	16198	2.19	cps
Erbium	164-2	10471	10381	9827	10226	3.41	cps
Gadolinium	160-1	17885	18399	18255	18180	1.46	cps
Gadolinium	160-2	12629	12269	12262	12387	1.70	cps
Holmium	165-1	2296656	2382468	2377596	2352240	2.05	cps
Holmium	165-2	1420268	1420508	1404357	1415044	0.65	cps
Indium	115-1	1430090	1433751	1441118	1434986	0.39	cps
Indium	115-2	464078	462756	458953	461929	0.58	cps
Iron	56-2	53579649	52391476	53008539	52993221	1.12	cps
Iron	57-2	1379715	1373646	1367855	1373739	0.43	cps
Iron	54-2	2892539	2933599	2878786	2901641	0.98	cps
Krypton	83-1	27	47	40	38	26.95	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-20	Instrumnet Name :	P7
Client Sample ID :	MYD9Z6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:43:19	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	64094	64780	66257	65044	1.70	cps
Lead	207-1	54947	56802	56467	56072	1.76	cps
Lead	208-1	254119	258752	259358	257410	1.11	cps
Lithium	6-1	174599	175620	178391	176203	1.11	cps
Magnesium	24-2	1090717	1087341	1084291	1087450	0.30	cps
Manganese	55-2	976415	972949	972170	973844	0.23	cps
Molybdenum	94-1	20121	20161	20328	20203	0.54	cps
Molybdenum	95-1	867	723	820	803	9.10	cps
Molybdenum	96-1	4841	4954	4884	4893	1.17	cps
Molybdenum	97-1	477	503	477	486	3.17	cps
Molybdenum	98-1	1260	1103	1310	1225	8.81	cps
Neodymium	150-1	35030	35799	35545	35458	1.10	cps
Neodymium	150-2	19423	19527	19103	19351	1.14	cps
Nickel	60-2	25235	25412	24510	25052	1.91	cps
Phosphorus	31-2	2590	2574	2600	2588	0.52	cps
Potassium	39-2	488730	488482	484960	487391	0.43	cps
Rhodium	103-1	1169675	1171633	1175292	1172200	0.24	cps
Rhodium	103-2	667998	663403	663152	664851	0.41	cps
Scandium	45-1	603245	603908	604450	603868	0.10	cps
Scandium	45-2	54411	54026	53176	53871	1.17	cps
Selenium	82-1	66	36	29	44	44.46	cps
Selenium	77-2	23	20	23	22	8.65	cps
Selenium	78-2	73	70	53	66	16.35	cps
Silicon	28-1	4604193	4661427	4539239	4601620	1.33	cps
Silver	107-1	280	340	337	319	10.57	cps
Silver	109-1	323	273	297	298	8.40	cps
Sodium	23-2	17009	17397	17517	17308	1.53	cps
Strontium	86-1	44183	44524	44751	44486	0.64	cps
Strontium	88-1	387458	391260	392946	390555	0.72	cps
Sulfur	34-1	32154	31753	31653	31853	0.83	cps
Terbium	159-1	2391983	2417201	2424067	2411084	0.70	cps
Terbium	159-2	1393817	1391649	1375292	1386920	0.73	cps
Thallium	203-1	970	790	833	864	10.87	cps
Thallium	205-1	2057	2000	2010	2022	1.50	cps
Tin	118-1	4864	4771	4904	4846	1.41	cps
Titanium	47-1	189723	191056	193864	191547	1.10	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-20	Instrumnet Name :	P7
Client Sample ID :	MYD9Z6	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:43:19	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8143	8349	8439	8310	1.83	cps
Vanadium	51-2	101830	101512	101841	101728	0.18	cps
Yttrium	89-1	2292208	2280030	2255985	2276074	0.81	cps
Yttrium	89-2	575620	572912	569004	572512	0.58	cps
Zinc	66-2	19573	19339	19490	19467	0.61	cps
Zirconium	90-1	50664	51523	51306	51164	0.87	cps
Zirconium	91-1	11425	11661	11725	11604	1.36	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-21	Instrumnet Name :	P7
Client Sample ID :	MYD9Z7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:46:48	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1804998	1788888	1802819	1798901	0.49	cps
Antimony	121-1	3901	3951	3994	3948	1.18	cps
Arsenic	75-2	15381	15398	15585	15455	0.73	cps
Barium	135-1	344215	349713	351991	348640	1.15	cps
Barium	137-1	606643	612311	616882	611945	0.84	cps
Beryllium	9-1	450	450	470	457	2.53	cps
Bismuth	209-1	1153317	1390882	1366940	1303713	10.03	cps
Bismuth	209-2	1023858	1039153	1027637	1030216	0.77	cps
Bromine	81-1	4174	4177	4054	4135	1.70	cps
Bromine	81-2	103	120	123	116	9.28	cps
Cadmium	108-1	110	137	157	134	17.42	cps
Cadmium	106-1	900	963	1103	989	10.52	cps
Cadmium	111-1	760	762	846	789	6.23	cps
Calcium	43-1	82291	82422	82814	82509	0.33	cps
Calcium	44-1	1258974	1246671	1287953	1264533	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71347	69415	71368	70710	1.59	cps
Cobalt	59-2	44576	44559	43352	44163	1.59	cps
Copper	63-2	72521	71174	72916	72204	1.26	cps
Dysprosium	156-1	26258	25944	26609	26270	1.27	cps
Dysprosium	156-2	19871	20495	19874	20080	1.79	cps
Erbium	164-1	18806	18693	18676	18725	0.38	cps
Erbium	164-2	11975	11835	11985	11932	0.70	cps
Gadolinium	160-1	22451	23136	22882	22823	1.52	cps
Gadolinium	160-2	14991	14901	15452	15115	1.95	cps
Holmium	165-1	1947135	2356059	2317279	2206824	10.23	cps
Holmium	165-2	1394653	1409647	1395983	1400095	0.59	cps
Indium	115-1	1189559	1419627	1404932	1338039	9.63	cps
Indium	115-2	453145	456709	450472	453442	0.69	cps
Iron	56-2	55120448	54714656	54917498	54917534	0.37	cps
Iron	57-2	1421221	1368302	1352978	1380834	2.59	cps
Iron	54-2	3030719	3042250	3029365	3034111	0.23	cps
Krypton	83-1	30	37	60	42	37.31	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-21	Instrumnet Name :	P7
Client Sample ID :	MYD9Z7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:46:48	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	57354	58348	58405	58036	1.02	cps
Lead	207-1	49256	49650	49205	49370	0.49	cps
Lead	208-1	226619	228824	230615	228686	0.88	cps
Lithium	6-1	151076	174553	173958	166529	8.04	cps
Magnesium	24-2	1255856	1260828	1247593	1254759	0.53	cps
Manganese	55-2	936598	927518	931349	931821	0.49	cps
Molybdenum	94-1	38751	39403	39413	39189	0.97	cps
Molybdenum	95-1	713	697	693	701	1.53	cps
Molybdenum	96-1	8506	8506	8146	8386	2.48	cps
Molybdenum	97-1	433	407	467	436	6.90	cps
Molybdenum	98-1	1100	1027	1123	1083	4.66	cps
Neodymium	150-1	49838	49389	49303	49510	0.58	cps
Neodymium	150-2	26348	26432	26889	26556	1.10	cps
Nickel	60-2	29369	28534	28861	28921	1.45	cps
Phosphorus	31-2	3937	4234	4111	4094	3.64	cps
Potassium	39-2	494552	491634	490520	492235	0.42	cps
Rhodium	103-1	970561	1155867	1151541	1092656	9.68	cps
Rhodium	103-2	652836	655360	650044	652747	0.41	cps
Scandium	45-1	516899	598008	595444	570117	8.09	cps
Scandium	45-2	52487	52551	52671	52570	0.18	cps
Selenium	82-1	62	64	32	53	34.02	cps
Selenium	77-2	47	53	37	46	18.41	cps
Selenium	78-2	77	50	97	74	31.45	cps
Silicon	28-1	4938666	5009606	4961210	4969827	0.73	cps
Silver	107-1	320	353	387	353	9.43	cps
Silver	109-1	243	237	273	251	7.78	cps
Sodium	23-2	19803	19606	19616	19675	0.56	cps
Strontium	86-1	97547	97631	98687	97955	0.65	cps
Strontium	88-1	859618	861213	866933	862588	0.45	cps
Sulfur	34-1	31449	32217	32645	32104	1.89	cps
Terbium	159-1	1996333	2385907	2427747	2269996	10.48	cps
Terbium	159-2	1353890	1379312	1365666	1366290	0.93	cps
Thallium	203-1	767	827	890	828	7.45	cps
Thallium	205-1	2097	2147	2230	2158	3.12	cps
Tin	118-1	5461	5374	5458	5431	0.90	cps
Titanium	47-1	241903	245246	245062	244071	0.77	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-21	Instrumnet Name :	P7
Client Sample ID :	MYD9Z7	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:46:48	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8700	9357	9433	9163	4.40	cps
Vanadium	51-2	97157	98378	98844	98126	0.89	cps
Yttrium	89-1	1967994	2276749	2250996	2165246	7.91	cps
Yttrium	89-2	573705	574352	571403	573153	0.27	cps
Zinc	66-2	20371	20421	20190	20327	0.60	cps
Zirconium	90-1	104408	103854	104744	104335	0.43	cps
Zirconium	91-1	23125	22995	23649	23256	1.49	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-22	Instrumnet Name :	P7
Client Sample ID :	MYD9Z8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:50:12	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1433347	1441449	1434922	1436572	0.30	cps
Antimony	121-1	2003	2184	2320	2169	7.32	cps
Arsenic	75-2	4908	5028	5111	5015	2.04	cps
Barium	135-1	215590	218253	218067	217303	0.68	cps
Barium	137-1	377140	382263	381937	380446	0.75	cps
Beryllium	9-1	327	313	323	321	2.16	cps
Bismuth	209-1	1352679	1362533	1352129	1355780	0.43	cps
Bismuth	209-2	1007980	1024731	1017027	1016579	0.82	cps
Bromine	81-1	4514	4174	4344	4344	3.91	cps
Bromine	81-2	140	163	127	143	12.95	cps
Cadmium	108-1	67	60	50	59	14.25	cps
Cadmium	106-1	737	823	827	796	6.41	cps
Cadmium	111-1	782	901	794	826	7.93	cps
Calcium	43-1	71611	72311	71587	71836	0.57	cps
Calcium	44-1	1165666	1170154	1173328	1169716	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41838	40775	41661	41424	1.37	cps
Cobalt	59-2	34343	35251	35021	34872	1.35	cps
Copper	63-2	77730	77945	77827	77834	0.14	cps
Dysprosium	156-1	19958	20522	19994	20158	1.57	cps
Dysprosium	156-2	15522	15746	16026	15764	1.60	cps
Erbium	164-1	14428	14324	14454	14402	0.48	cps
Erbium	164-2	9130	9020	9130	9093	0.70	cps
Gadolinium	160-1	16016	16346	16587	16316	1.76	cps
Gadolinium	160-2	10657	10864	10908	10810	1.24	cps
Holmium	165-1	2288697	2284357	2305906	2292987	0.50	cps
Holmium	165-2	1375877	1384986	1369208	1376690	0.58	cps
Indium	115-1	1386137	1398220	1391674	1392010	0.43	cps
Indium	115-2	451589	450439	447790	449939	0.43	cps
Iron	56-2	44975003	44302546	44586989	44621513	0.76	cps
Iron	57-2	1153093	1158812	1153898	1155268	0.27	cps
Iron	54-2	2440302	2482701	2443786	2455596	0.96	cps
Krypton	83-1	13	50	13	26	82.85	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-22	Instrumnet Name :	P7
Client Sample ID :	MYD9Z8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:50:12	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	91372	94607	92848	92943	1.74	cps
Lead	207-1	73591	75240	74908	74580	1.17	cps
Lead	208-1	342771	352260	346354	347128	1.38	cps
Lithium	6-1	169351	172681	172917	171650	1.16	cps
Magnesium	24-2	1006427	1005683	1004772	1005627	0.08	cps
Manganese	55-2	892427	886203	894859	891163	0.50	cps
Molybdenum	94-1	11835	12329	12048	12071	2.05	cps
Molybdenum	95-1	1103	1080	1013	1066	4.38	cps
Molybdenum	96-1	3934	3981	3731	3882	3.43	cps
Molybdenum	97-1	673	683	767	708	7.24	cps
Molybdenum	98-1	1747	1567	1463	1592	9.01	cps
Neodymium	150-1	34873	35896	35852	35540	1.63	cps
Neodymium	150-2	19297	19103	19206	19202	0.50	cps
Nickel	60-2	13703	13810	13203	13572	2.39	cps
Phosphorus	31-2	4941	4921	5078	4980	1.71	cps
Potassium	39-2	691769	687606	688686	689354	0.31	cps
Rhodium	103-1	1129680	1135827	1137984	1134497	0.38	cps
Rhodium	103-2	642309	642528	642917	642584	0.05	cps
Scandium	45-1	569127	571897	571077	570700	0.25	cps
Scandium	45-2	51116	50631	49996	50581	1.11	cps
Selenium	82-1	67	16	49	44	59.07	cps
Selenium	77-2	23	17	27	22	22.91	cps
Selenium	78-2	47	40	63	50	24.03	cps
Silicon	28-1	5032697	5115435	5154138	5100757	1.22	cps
Silver	107-1	443	417	413	424	3.87	cps
Silver	109-1	360	370	397	376	5.05	cps
Sodium	23-2	19306	19346	19169	19273	0.48	cps
Strontium	86-1	54202	54002	53898	54034	0.29	cps
Strontium	88-1	475050	480014	478537	477867	0.53	cps
Sulfur	34-1	34492	34576	34158	34409	0.64	cps
Terbium	159-1	2281237	2367607	2353340	2334061	1.98	cps
Terbium	159-2	1336713	1344371	1335858	1338981	0.35	cps
Thallium	203-1	727	747	783	752	3.82	cps
Thallium	205-1	1693	1713	1710	1706	0.63	cps
Tin	118-1	5154	5188	5338	5227	1.87	cps
Titanium	47-1	239658	242285	240982	240975	0.55	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4251-22	Instrumnet Name :	P7
Client Sample ID :	MYD9Z8	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:50:12	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18730	18967	19197	18965	1.23	cps
Vanadium	51-2	77333	77474	77484	77430	0.11	cps
Yttrium	89-1	2176380	2193613	2214513	2194835	0.87	cps
Yttrium	89-2	561898	557418	553816	557711	0.73	cps
Zinc	66-2	37176	36505	37129	36937	1.02	cps
Zirconium	90-1	30231	30258	30488	30326	0.47	cps
Zirconium	91-1	6772	7115	6722	6869	3.12	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-01	Instrumnet Name :	P7
Client Sample ID :	MYD9X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:53:41	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1610560	1640149	1627228	1625979	0.91	cps
Antimony	121-1	4681	4754	4674	4703	0.94	cps
Arsenic	75-2	13009	12866	13313	13062	1.75	cps
Barium	135-1	396631	402609	403159	400800	0.90	cps
Barium	137-1	694684	709878	709914	704825	1.25	cps
Beryllium	9-1	427	403	460	430	6.62	cps
Bismuth	209-1	1340869	1355366	1353538	1349924	0.58	cps
Bismuth	209-2	1027683	1002063	1016865	1015537	1.27	cps
Bromine	81-1	4334	4277	4304	4305	0.66	cps
Bromine	81-2	137	147	137	140	4.12	cps
Cadmium	108-1	73	120	80	91	27.70	cps
Cadmium	106-1	803	897	927	876	7.35	cps
Cadmium	111-1	1058	1094	1223	1125	7.71	cps
Calcium	43-1	39217	41005	39969	40064	2.24	cps
Calcium	44-1	638080	655014	660371	651155	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73421	73046	73160	73209	0.26	cps
Cobalt	59-2	52679	52930	52364	52657	0.54	cps
Copper	63-2	141336	140300	140233	140623	0.44	cps
Dysprosium	156-1	25406	26205	25630	25747	1.60	cps
Dysprosium	156-2	19624	19560	20158	19781	1.66	cps
Erbium	164-1	18796	19380	18953	19043	1.59	cps
Erbium	164-2	11652	12195	12526	12124	3.64	cps
Gadolinium	160-1	22375	22982	22739	22699	1.35	cps
Gadolinium	160-2	15122	14861	15325	15103	1.54	cps
Holmium	165-1	2268688	2323910	2349949	2314182	1.79	cps
Holmium	165-2	1395235	1368322	1370634	1378064	1.08	cps
Indium	115-1	1384203	1399494	1389329	1391009	0.56	cps
Indium	115-2	452919	443821	451107	449282	1.07	cps
Iron	56-2	63496769	64159602	63879546	63845306	0.52	cps
Iron	57-2	1609429	1567929	1575637	1584332	1.39	cps
Iron	54-2	3461003	3451921	3488387	3467104	0.55	cps
Krypton	83-1	47	37	27	37	27.27	cps

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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-01	Instrumnet Name :	P7
Client Sample ID :	MYD9X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:53:41	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	111652	114580	113157	113130	1.29	cps
Lead	207-1	96670	99000	99542	98404	1.55	cps
Lead	208-1	442719	452541	452602	449287	1.27	cps
Lithium	6-1	170379	173490	175502	173124	1.49	cps
Magnesium	24-2	1172116	1125745	1164035	1153965	2.15	cps
Manganese	55-2	2128970	2160032	2154832	2147944	0.77	cps
Molybdenum	94-1	22380	22384	22888	22551	1.29	cps
Molybdenum	95-1	1303	1357	1247	1302	4.22	cps
Molybdenum	96-1	5815	6075	6251	6047	3.63	cps
Molybdenum	97-1	813	880	833	842	4.06	cps
Molybdenum	98-1	1840	1810	2060	1903	7.17	cps
Neodymium	150-1	44122	44841	45677	44880	1.73	cps
Neodymium	150-2	25002	24505	24147	24551	1.75	cps
Nickel	60-2	30414	29930	30030	30125	0.85	cps
Phosphorus	31-2	3297	3380	3207	3295	2.63	cps
Potassium	39-2	684156	688172	685253	685861	0.30	cps
Rhodium	103-1	1120145	1127173	1139630	1128983	0.87	cps
Rhodium	103-2	653666	643705	645267	647546	0.83	cps
Scandium	45-1	581192	584461	586303	583985	0.44	cps
Scandium	45-2	53578	52942	52223	52914	1.28	cps
Selenium	82-1	38	44	54	46	18.08	cps
Selenium	77-2	37	37	33	36	5.42	cps
Selenium	78-2	70	90	63	74	18.64	cps
Silicon	28-1	4438689	4460167	4485085	4461314	0.52	cps
Silver	107-1	820	770	840	810	4.45	cps
Silver	109-1	823	753	730	769	6.32	cps
Sodium	23-2	16612	16759	16619	16664	0.50	cps
Strontium	86-1	47296	47968	47801	47688	0.73	cps
Strontium	88-1	418579	423179	427504	423087	1.05	cps
Sulfur	34-1	31222	31569	31766	31519	0.87	cps
Terbium	159-1	2320410	2345993	2354260	2340221	0.75	cps
Terbium	159-2	1367516	1340295	1343094	1350302	1.11	cps
Thallium	203-1	1433	1527	1540	1500	3.87	cps
Thallium	205-1	3611	3671	3847	3709	3.32	cps
Tin	118-1	6735	7125	6738	6866	3.27	cps
Titanium	47-1	232834	238042	236520	235799	1.14	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-01	Instrumnet Name :	P7
Client Sample ID :	MYD9X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:53:41	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13434	13524	13133	13363	1.53	cps
Vanadium	51-2	116760	115266	116575	116201	0.70	cps
Yttrium	89-1	2207992	2238036	2272482	2239503	1.44	cps
Yttrium	89-2	571643	562441	567477	567187	0.81	cps
Zinc	66-2	25028	24881	24807	24905	0.45	cps
Zirconium	90-1	57335	58171	58124	57877	0.81	cps
Zirconium	91-1	12786	13246	13249	13094	2.04	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-02	Instrumnet Name :	P7
Client Sample ID :	MYD9X1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:57:04	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1463155	1503611	1467228	1477998	1.51	cps
Antimony	121-1	3697	3961	4194	3951	6.29	cps
Arsenic	75-2	12145	12182	12078	12135	0.43	cps
Barium	135-1	256229	262211	260583	259674	1.19	cps
Barium	137-1	452465	457013	462562	457347	1.11	cps
Beryllium	9-1	297	353	303	318	9.75	cps
Bismuth	209-1	1365764	1373113	1370789	1369889	0.27	cps
Bismuth	209-2	1025216	1023451	1017718	1022128	0.38	cps
Bromine	81-1	3951	4107	4021	4026	1.95	cps
Bromine	81-2	157	93	137	129	25.12	cps
Cadmium	108-1	110	117	117	114	3.36	cps
Cadmium	106-1	957	903	893	918	3.71	cps
Cadmium	111-1	926	861	824	870	5.96	cps
Calcium	43-1	33544	34780	34549	34291	1.92	cps
Calcium	44-1	552768	560403	563603	558925	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67259	67905	66542	67235	1.01	cps
Cobalt	59-2	48508	48210	47953	48224	0.58	cps
Copper	63-2	94153	93966	93680	93933	0.25	cps
Dysprosium	156-1	22091	23032	22862	22662	2.21	cps
Dysprosium	156-2	17067	17254	17174	17165	0.55	cps
Erbium	164-1	16783	16947	16710	16814	0.72	cps
Erbium	164-2	10634	10674	10647	10652	0.19	cps
Gadolinium	160-1	19867	19961	20325	20051	1.20	cps
Gadolinium	160-2	13847	13056	13203	13369	3.15	cps
Holmium	165-1	2352161	2357311	2324885	2344786	0.74	cps
Holmium	165-2	1381006	1380146	1371588	1377580	0.38	cps
Indium	115-1	1397579	1395862	1401935	1398459	0.22	cps
Indium	115-2	450028	448702	448241	448990	0.21	cps
Iron	56-2	56791172	56457949	56660987	56636703	0.30	cps
Iron	57-2	1423411	1422882	1423327	1423207	0.02	cps
Iron	54-2	3083112	3132859	3088102	3101358	0.88	cps
Krypton	83-1	33	33	33	33	0.00	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-02	Instrumnet Name :	P7
Client Sample ID :	MYD9X1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:57:04	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	83314	83193	84421	83642	0.81	cps
Lead	207-1	71943	72743	73936	72874	1.38	cps
Lead	208-1	329913	333033	335205	332717	0.80	cps
Lithium	6-1	170443	172977	172647	172023	0.80	cps
Magnesium	24-2	1085124	1084344	1085652	1085040	0.06	cps
Manganese	55-2	1087683	1087906	1091542	1089044	0.20	cps
Molybdenum	94-1	26320	26277	26618	26405	0.70	cps
Molybdenum	95-1	990	1130	1100	1073	6.87	cps
Molybdenum	96-1	6105	6592	6278	6325	3.90	cps
Molybdenum	97-1	680	633	640	651	3.88	cps
Molybdenum	98-1	1540	1503	1723	1589	7.42	cps
Neodymium	150-1	39786	39983	41056	40275	1.70	cps
Neodymium	150-2	22044	22348	21800	22064	1.24	cps
Nickel	60-2	24867	25318	24767	24984	1.17	cps
Phosphorus	31-2	2837	2850	3104	2930	5.13	cps
Potassium	39-2	574099	574865	576319	575094	0.20	cps
Rhodium	103-1	1127897	1141553	1146639	1138696	0.85	cps
Rhodium	103-2	649413	648454	644730	647532	0.38	cps
Scandium	45-1	575757	578526	581009	578431	0.45	cps
Scandium	45-2	52327	51972	51286	51862	1.02	cps
Selenium	82-1	72	53	44	56	25.84	cps
Selenium	77-2	20	47	10	26	74.17	cps
Selenium	78-2	53	50	63	56	12.49	cps
Silicon	28-1	4321554	4424144	4422464	4389388	1.34	cps
Silver	107-1	480	503	493	492	2.38	cps
Silver	109-1	457	437	407	433	5.81	cps
Sodium	23-2	13726	13716	13773	13738	0.22	cps
Strontium	86-1	36662	37123	36980	36922	0.64	cps
Strontium	88-1	321885	326937	324986	324602	0.78	cps
Sulfur	34-1	30684	31472	31138	31098	1.27	cps
Terbium	159-1	2377725	2384285	2368193	2376734	0.34	cps
Terbium	159-2	1353113	1345725	1348528	1349122	0.28	cps
Thallium	203-1	967	1100	1067	1044	6.64	cps
Thallium	205-1	2650	2610	2710	2657	1.89	cps
Tin	118-1	5578	5711	5978	5756	3.54	cps
Titanium	47-1	207867	210100	210073	209347	0.61	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-02	Instrumnet Name :	P7
Client Sample ID :	MYD9X1	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 22:57:04	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10948	11268	10844	11020	2.00	cps
Vanadium	51-2	106338	106801	107136	106758	0.38	cps
Yttrium	89-1	2209100	2208367	2192896	2203454	0.42	cps
Yttrium	89-2	560149	558885	555689	558241	0.41	cps
Zinc	66-2	22384	22123	21432	21980	2.24	cps
Zirconium	90-1	66975	68438	67688	67700	1.08	cps
Zirconium	91-1	15165	15395	15749	15436	1.91	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-03	Instrumnet Name :	P7
Client Sample ID :	MYD9X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:00:32	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1295097	1281650	1300987	1292578	0.77	cps
Antimony	121-1	2354	2454	2287	2365	3.55	cps
Arsenic	75-2	8449	8299	8509	8419	1.29	cps
Barium	135-1	228656	230666	230394	229905	0.47	cps
Barium	137-1	400412	404181	406019	403537	0.71	cps
Beryllium	9-1	250	273	373	299	21.92	cps
Bismuth	209-1	1370943	1367680	1384239	1374287	0.64	cps
Bismuth	209-2	1038213	1039325	1039175	1038904	0.06	cps
Bromine	81-1	4137	4121	4317	4192	2.60	cps
Bromine	81-2	173	210	177	187	10.86	cps
Cadmium	108-1	63	73	57	64	13.01	cps
Cadmium	106-1	730	710	730	723	1.60	cps
Cadmium	111-1	737	699	778	738	5.35	cps
Calcium	43-1	46615	47838	47494	47316	1.33	cps
Calcium	44-1	758897	770216	771963	767025	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63148	62713	62167	62676	0.78	cps
Cobalt	59-2	40638	39860	41036	40511	1.48	cps
Copper	63-2	74253	74434	74186	74291	0.17	cps
Dysprosium	156-1	18693	19928	19694	19438	3.38	cps
Dysprosium	156-2	15455	15469	15168	15364	1.10	cps
Erbium	164-1	14771	15472	15255	15166	2.37	cps
Erbium	164-2	9924	9934	9457	9771	2.79	cps
Gadolinium	160-1	17314	17841	17638	17598	1.51	cps
Gadolinium	160-2	12139	11965	11898	12001	1.03	cps
Holmium	165-1	2268577	2316673	2324832	2303361	1.32	cps
Holmium	165-2	1392694	1388609	1386664	1389322	0.22	cps
Indium	115-1	1374882	1383729	1387958	1382190	0.48	cps
Indium	115-2	449632	448523	450860	449671	0.26	cps
Iron	56-2	44867253	44398983	44214254	44493497	0.76	cps
Iron	57-2	1157091	1156214	1147255	1153520	0.47	cps
Iron	54-2	2411093	2437290	2391590	2413324	0.95	cps
Krypton	83-1	50	27	33	37	32.78	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-03	Instrumnet Name :	P7
Client Sample ID :	MYD9X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:00:32	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	63621	65279	64332	64411	1.29	cps
Lead	207-1	54797	55158	55095	55016	0.35	cps
Lead	208-1	251568	253457	253048	252691	0.39	cps
Lithium	6-1	170133	170063	169682	169959	0.14	cps
Magnesium	24-2	952789	952784	948217	951263	0.28	cps
Manganese	55-2	954685	956423	949149	953419	0.40	cps
Molybdenum	94-1	17981	18251	17557	17930	1.95	cps
Molybdenum	95-1	680	870	810	787	12.35	cps
Molybdenum	96-1	4487	4501	4818	4602	4.06	cps
Molybdenum	97-1	487	507	603	532	11.72	cps
Molybdenum	98-1	1303	1277	1163	1248	5.96	cps
Neodymium	150-1	34074	35187	34185	34482	1.78	cps
Neodymium	150-2	18516	19410	18903	18943	2.37	cps
Nickel	60-2	21232	21539	21279	21350	0.77	cps
Phosphorus	31-2	2730	2670	2774	2725	1.90	cps
Potassium	39-2	597282	596297	587948	593842	0.86	cps
Rhodium	103-1	1133099	1130264	1135010	1132791	0.21	cps
Rhodium	103-2	645992	648692	646065	646916	0.24	cps
Scandium	45-1	563902	565873	566631	565469	0.25	cps
Scandium	45-2	50902	51534	51116	51184	0.63	cps
Selenium	82-1	40	36	48	41	14.71	cps
Selenium	77-2	57	20	17	31	71.34	cps
Selenium	78-2	73	60	57	63	13.92	cps
Silicon	28-1	4257414	4320888	4340952	4306418	1.01	cps
Silver	107-1	367	357	457	393	14.00	cps
Silver	109-1	373	317	333	341	8.54	cps
Sodium	23-2	13923	13633	13389	13648	1.96	cps
Strontium	86-1	40896	42160	42154	41737	1.74	cps
Strontium	88-1	365012	370797	372680	369496	1.08	cps
Sulfur	34-1	30748	30470	30477	30565	0.52	cps
Terbium	159-1	2373759	2295563	2383127	2350816	2.05	cps
Terbium	159-2	1363277	1359979	1355620	1359625	0.28	cps
Thallium	203-1	890	1107	837	944	15.14	cps
Thallium	205-1	2350	2287	2284	2307	1.63	cps
Tin	118-1	5228	5625	5444	5432	3.66	cps
Titanium	47-1	196319	197261	197440	197007	0.31	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P4252-03	Instrumnet Name :	P7
Client Sample ID :	MYD9X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:00:32	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11452	11215	11578	11415	1.62	cps
Vanadium	51-2	83123	84816	85038	84326	1.24	cps
Yttrium	89-1	2200591	2159705	2163280	2174525	1.04	cps
Yttrium	89-2	554905	559214	559634	557917	0.47	cps
Zinc	66-2	17877	18228	17837	17981	1.19	cps
Zirconium	90-1	46701	46624	46955	46760	0.37	cps
Zirconium	91-1	10160	10264	10440	10288	1.38	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:07:19	DataFile Name :	111CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1446615	1436930	1434602	1439383	0.44	cps
Antimony	121-1	954622	942688	941388	946233	0.77	cps
Arsenic	75-2	33364	33451	32840	33218	1.00	cps
Barium	135-1	1331410	1325459	1307431	1321434	0.94	cps
Barium	137-1	2460788	2458816	2381118	2433574	1.87	cps
Beryllium	9-1	99137	99113	99687	99312	0.33	cps
Bismuth	209-1	1189177	1179503	1169788	1179489	0.82	cps
Bismuth	209-2	871221	874006	875241	873489	0.24	cps
Bromine	81-1	3204	3324	3350	3293	2.37	cps
Bromine	81-2	0	17	3	7	132.33	cps
Cadmium	108-1	16229	16142	16499	16290	1.14	cps
Cadmium	106-1	23649	23159	22715	23174	2.02	cps
Cadmium	111-1	223215	222356	219400	221657	0.90	cps
Calcium	43-1	892696	884092	883086	886625	0.60	cps
Calcium	44-1	13696099	13615429	13457318	13589615	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249159	249297	249575	249344	0.08	cps
Cobalt	59-2	390476	392589	391889	391652	0.27	cps
Copper	63-2	2680404	2706540	2712168	2699704	0.63	cps
Dysprosium	156-1	87	83	87	86	2.25	cps
Dysprosium	156-2	67	97	93	86	19.22	cps
Erbium	164-1	70	40	47	52	30.16	cps
Erbium	164-2	27	20	30	26	19.92	cps
Gadolinium	160-1	47	60	47	51	15.06	cps
Gadolinium	160-2	93	73	80	82	12.39	cps
Holmium	165-1	2127772	2123988	2111672	2121144	0.40	cps
Holmium	165-2	1249681	1256821	1250847	1252450	0.31	cps
Indium	115-1	1251087	1229942	1220192	1233740	1.28	cps
Indium	115-2	391055	390987	391115	391052	0.02	cps
Iron	56-2	57057822	56594999	57223501	56958774	0.57	cps
Iron	57-2	1438496	1403587	1415305	1419129	1.25	cps
Iron	54-2	3104152	3117387	3085379	3102306	0.52	cps
Krypton	83-1	23	37	43	34	29.57	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:07:19	DataFile Name :	111CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5045759	4916038	4904090	4955295	1.59	cps
Lead	207-1	4473949	4487612	4422822	4461461	0.77	cps
Lead	208-1	20413760	20151208	20118733	20227900	0.80	cps
Lithium	6-1	162813	160765	159806	161128	0.95	cps
Magnesium	24-2	11056872	11147469	11213654	11139332	0.71	cps
Manganese	55-2	2009667	2037712	2019708	2022362	0.70	cps
Molybdenum	94-1	3180242	3046450	3036101	3087597	2.60	cps
Molybdenum	95-1	4584217	4570253	4535523	4563331	0.55	cps
Molybdenum	96-1	5024829	5035645	4898555	4986343	1.53	cps
Molybdenum	97-1	2922452	2909995	2856164	2896204	1.22	cps
Molybdenum	98-1	7561596	7380279	7354823	7432233	1.52	cps
Neodymium	150-1	230	143	197	190	23.01	cps
Neodymium	150-2	33	40	30	34	14.78	cps
Nickel	60-2	95998	95736	95136	95623	0.46	cps
Phosphorus	31-2	14273	14243	14377	14298	0.49	cps
Potassium	39-2	7320071	7410028	7347659	7359253	0.63	cps
Rhodium	103-1	993044	978498	963730	978424	1.50	cps
Rhodium	103-2	547501	542664	543520	544562	0.47	cps
Scandium	45-1	504145	495973	489922	496680	1.44	cps
Scandium	45-2	44134	44442	44548	44375	0.48	cps
Selenium	82-1	10622	10769	10521	10638	1.17	cps
Selenium	77-2	1043	937	1127	1036	9.20	cps
Selenium	78-2	3420	3524	3527	3490	1.74	cps
Silicon	28-1	795867	787978	784539	789461	0.74	cps
Silver	107-1	1020401	1008158	997576	1008712	1.13	cps
Silver	109-1	981802	966757	960238	969599	1.14	cps
Sodium	23-2	18137112	18247979	18431117	18272069	0.81	cps
Strontium	86-1	6479797	6314831	6444318	6412982	1.35	cps
Strontium	88-1	57372831	56513446	56819981	56902086	0.77	cps
Sulfur	34-1	77854	75659	75790	76434	1.61	cps
Terbium	159-1	2176605	2123922	2103366	2134631	1.77	cps
Terbium	159-2	1217660	1214496	1220010	1217389	0.23	cps
Thallium	203-1	1114733	1102075	1106705	1107838	0.58	cps
Thallium	205-1	3016116	2940343	2935020	2963826	1.53	cps
Tin	118-1	807567	803187	789067	799940	1.21	cps
Titanium	47-1	906278	892833	888083	895731	1.05	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:07:19	DataFile Name :	111CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4596252	4581573	4584513	4587446	0.17	cps
Vanadium	51-2	228653	229849	229072	229191	0.26	cps
Yttrium	89-1	1891918	1910070	1882767	1894918	0.73	cps
Yttrium	89-2	477027	474955	469455	473812	0.83	cps
Zinc	66-2	460459	459401	459754	459872	0.12	cps
Zirconium	90-1	1389257	1368273	1362715	1373415	1.02	cps
Zirconium	91-1	309690	307434	305309	307478	0.71	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:14:27	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340	317	333	330	3.64	cps
Antimony	121-1	933	877	1003	938	6.77	cps
Arsenic	75-2	7	3	10	7	50.03	cps
Barium	135-1	310	270	253	278	10.49	cps
Barium	137-1	597	457	420	491	18.99	cps
Beryllium	9-1	90	90	80	87	6.66	cps
Bismuth	209-1	1349963	1352392	1350903	1351086	0.09	cps
Bismuth	209-2	1035720	1021450	1018641	1025270	0.89	cps
Bromine	81-1	3751	3540	3514	3602	3.60	cps
Bromine	81-2	17	7	43	22	85.27	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Cadmium	106-1	617	663	673	651	4.65	cps
Cadmium	111-1	508	508	491	502	1.92	cps
Calcium	43-1	280	220	240	247	12.39	cps
Calcium	44-1	4241	3407	3300	3649	14.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127	127	150	134	10.02	cps
Cobalt	59-2	83	127	117	109	20.84	cps
Copper	63-2	1237	1193	1137	1189	4.22	cps
Dysprosium	156-1	0	7	7	4	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	3	3	10	6	69.34	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	3	7	7	6	34.70	cps
Gadolinium	160-2	97	57	77	77	26.09	cps
Holmium	165-1	2248729	2210590	2225903	2228407	0.86	cps
Holmium	165-2	1347075	1335098	1329753	1337309	0.66	cps
Indium	115-1	1417925	1411335	1406468	1411909	0.41	cps
Indium	115-2	463452	457693	454367	458504	1.00	cps
Iron	56-2	18094	18855	18612	18520	2.10	cps
Iron	57-2	590	543	637	590	7.91	cps
Iron	54-2	1267	1200	1277	1248	3.34	cps
Krypton	83-1	17	27	17	20	28.86	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:14:27	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1627	1280	1333	1413	13.21	cps
Lead	207-1	1337	1063	1050	1150	14.07	cps
Lead	208-1	6301	4930	4910	5380	14.81	cps
Lithium	6-1	195958	197110	195378	196148	0.45	cps
Magnesium	24-2	3264	3330	3564	3386	4.65	cps
Manganese	55-2	657	520	560	579	12.14	cps
Molybdenum	94-1	830	673	783	762	10.55	cps
Molybdenum	95-1	1233	887	947	1022	18.13	cps
Molybdenum	96-1	1253	1213	1090	1186	7.18	cps
Molybdenum	97-1	687	647	557	630	10.57	cps
Molybdenum	98-1	1830	1520	1597	1649	9.79	cps
Neodymium	150-1	0	0	3	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	90	100	99	8.48	cps
Phosphorus	31-2	30	27	47	34	31.11	cps
Potassium	39-2	16936	16472	16759	16723	1.40	cps
Rhodium	103-1	1169363	1169285	1159875	1166175	0.47	cps
Rhodium	103-2	664702	653308	653360	657123	1.00	cps
Scandium	45-1	563236	562659	568292	564729	0.55	cps
Scandium	45-2	50791	50410	49902	50368	0.89	cps
Selenium	82-1	24	29	25	26	9.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	27	40	30	32	21.53	cps
Silicon	28-1	55631	56323	57069	56341	1.28	cps
Silver	107-1	470	327	337	378	21.18	cps
Silver	109-1	443	350	300	364	19.96	cps
Sodium	23-2	9266	9293	8719	9093	3.56	cps
Strontium	86-1	1583	1330	1320	1411	10.58	cps
Strontium	88-1	14300	10551	10480	11777	18.56	cps
Sulfur	34-1	39802	38829	38853	39161	1.42	cps
Terbium	159-1	2238860	2279116	2295774	2271250	1.29	cps
Terbium	159-2	1328723	1313553	1304846	1315707	0.92	cps
Thallium	203-1	617	523	403	514	20.79	cps
Thallium	205-1	1390	1273	1130	1265	10.30	cps
Tin	118-1	553	620	660	611	8.82	cps
Titanium	47-1	283	173	210	222	25.20	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:14:27	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	887	740	647	758	15.97	cps
Vanadium	51-2	77	57	23	52	51.60	cps
Yttrium	89-1	2102562	2084928	2106169	2097886	0.54	cps
Yttrium	89-2	532318	525450	524799	527522	0.79	cps
Zinc	66-2	120	170	153	148	17.23	cps
Zirconium	90-1	543	533	530	536	1.30	cps
Zirconium	91-1	140	117	137	131	9.62	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P2828-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:58:19	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1390676	1398930	1368389	1385998	1.14	cps
Antimony	121-1	973	1060	1033	1022	4.34	cps
Arsenic	75-2	4377	4244	4584	4402	3.89	cps
Barium	135-1	211158	217302	219640	216033	2.03	cps
Barium	137-1	371512	379299	382719	377843	1.52	cps
Beryllium	9-1	333	323	377	344	8.23	cps
Bismuth	209-1	1281199	1306391	1317183	1301591	1.42	cps
Bismuth	209-2	1032960	1016666	1034575	1028067	0.96	cps
Bromine	81-1	4547	4341	4727	4539	4.26	cps
Bromine	81-2	130	180	180	163	17.67	cps
Cadmium	108-1	57	110	70	79	35.18	cps
Cadmium	106-1	833	767	817	806	4.31	cps
Cadmium	111-1	1364	1243	1289	1299	4.69	cps
Calcium	43-1	76166	78917	78709	77931	1.97	cps
Calcium	44-1	1178133	1218970	1193158	1196754	1.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35021	35211	34947	35060	0.39	cps
Cobalt	59-2	32348	31680	32291	32107	1.15	cps
Copper	63-2	89887	90280	89781	89983	0.29	cps
Dysprosium	156-1	20952	21443	21530	21308	1.46	cps
Dysprosium	156-2	16737	16977	16927	16880	0.75	cps
Erbium	164-1	17625	17852	18496	17991	2.51	cps
Erbium	164-2	11705	12242	12182	12043	2.44	cps
Gadolinium	160-1	19410	19741	20081	19744	1.70	cps
Gadolinium	160-2	14054	14177	14251	14161	0.70	cps
Holmium	165-1	2217508	2228597	2302081	2249395	2.04	cps
Holmium	165-2	1406645	1380024	1402472	1396380	1.03	cps
Indium	115-1	1394932	1416072	1442931	1417978	1.70	cps
Indium	115-2	478277	468305	471710	472764	1.07	cps
Iron	56-2	35747891	35647578	35578777	35658082	0.24	cps
Iron	57-2	922914	923507	926936	924452	0.23	cps
Iron	54-2	1917808	1940175	1977857	1945280	1.56	cps
Krypton	83-1	20	37	20	26	37.66	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P2828-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:58:19	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	809778	834669	846246	830231	2.24	cps
Lead	207-1	720977	743645	752751	739124	2.21	cps
Lead	208-1	3502363	3578365	3633451	3571393	1.84	cps
Lithium	6-1	194783	194400	198210	195798	1.07	cps
Magnesium	24-2	1052703	1051257	1055259	1053073	0.19	cps
Manganese	55-2	766829	765996	768935	767253	0.20	cps
Molybdenum	94-1	9440	9623	9753	9605	1.64	cps
Molybdenum	95-1	953	847	810	870	8.56	cps
Molybdenum	96-1	2884	3164	3027	3025	4.63	cps
Molybdenum	97-1	463	543	540	516	8.78	cps
Molybdenum	98-1	1403	1333	1333	1357	2.98	cps
Neodymium	150-1	35010	35809	36734	35851	2.41	cps
Neodymium	150-2	20635	20442	20161	20413	1.17	cps
Nickel	60-2	12112	12195	11648	11985	2.46	cps
Phosphorus	31-2	4958	4761	4677	4799	3.00	cps
Potassium	39-2	616447	612502	616820	615256	0.39	cps
Rhodium	103-1	1153448	1174412	1188120	1171993	1.49	cps
Rhodium	103-2	680954	671762	675535	676084	0.68	cps
Scandium	45-1	608874	618315	622036	616408	1.10	cps
Scandium	45-2	55943	54645	54929	55172	1.24	cps
Selenium	82-1	63	61	63	62	1.68	cps
Selenium	77-2	37	20	30	29	29.04	cps
Selenium	78-2	50	53	63	56	12.49	cps
Silicon	28-1	6633350	6695584	6662413	6663782	0.47	cps
Silver	107-1	1847	1867	1937	1883	2.51	cps
Silver	109-1	1850	1897	1993	1913	3.82	cps
Sodium	23-2	40179	40750	41532	40821	1.66	cps
Strontium	86-1	63851	64618	66479	64983	2.08	cps
Strontium	88-1	565180	579330	588870	577793	2.06	cps
Sulfur	34-1	43836	43368	42810	43338	1.19	cps
Terbium	159-1	2252783	2271881	2362230	2295631	2.55	cps
Terbium	159-2	1384179	1364431	1373356	1373989	0.72	cps
Thallium	203-1	863	897	947	902	4.65	cps
Thallium	205-1	2164	2004	2207	2125	5.04	cps
Tin	118-1	4597	4577	4597	4591	0.25	cps
Titanium	47-1	103352	105454	106340	105049	1.46	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	P2828-01A	Instrumnet Name :	P7
Client Sample ID :	MYD5H3ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-20 23:58:19	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8399	8683	8803	8628	2.40	cps
Vanadium	51-2	58697	58583	58717	58666	0.12	cps
Yttrium	89-1	2313531	2342907	2334283	2330240	0.65	cps
Yttrium	89-2	613078	600280	601237	604865	1.18	cps
Zinc	66-2	45031	45191	45683	45302	0.75	cps
Zirconium	90-1	23148	24541	24724	24138	3.57	cps
Zirconium	91-1	4881	5428	5314	5208	5.54	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:10:58	DataFile Name :	116CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1583933	1583788	1595730	1587817	0.43	cps
Antimony	121-1	951183	950053	953034	951424	0.16	cps
Arsenic	75-2	35208	34163	34126	34499	1.78	cps
Barium	135-1	1334438	1325898	1325451	1328596	0.38	cps
Barium	137-1	2486933	2464252	2449493	2466893	0.76	cps
Beryllium	9-1	112782	113604	114769	113719	0.88	cps
Bismuth	209-1	1189664	1179441	1182647	1183918	0.44	cps
Bismuth	209-2	888860	886309	897307	890826	0.65	cps
Bromine	81-1	3714	3407	3534	3552	4.34	cps
Bromine	81-2	27	17	17	20	28.86	cps
Cadmium	108-1	16446	16590	16253	16429	1.03	cps
Cadmium	106-1	24087	23336	23689	23704	1.59	cps
Cadmium	111-1	225465	221940	221251	222885	1.01	cps
Calcium	43-1	966463	968960	963470	966298	0.28	cps
Calcium	44-1	14971754	14942941	14698095	14870930	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	263956	262829	263175	263320	0.22	cps
Cobalt	59-2	416970	415636	413383	415330	0.44	cps
Copper	63-2	2909581	2901671	2898360	2903204	0.20	cps
Dysprosium	156-1	87	50	67	68	27.09	cps
Dysprosium	156-2	90	97	83	90	7.41	cps
Erbium	164-1	67	43	70	60	24.22	cps
Erbium	164-2	53	27	30	37	39.62	cps
Gadolinium	160-1	30	57	50	46	30.47	cps
Gadolinium	160-2	87	100	100	96	8.05	cps
Holmium	165-1	2101221	2095600	2081289	2092704	0.49	cps
Holmium	165-2	1279347	1271530	1291659	1280845	0.79	cps
Indium	115-1	1285460	1267109	1264402	1272324	0.90	cps
Indium	115-2	409189	408716	413547	410484	0.65	cps
Iron	56-2	60602821	59576916	60011382	60063706	0.86	cps
Iron	57-2	1529161	1494874	1507131	1510389	1.15	cps
Iron	54-2	3306196	3313118	3273427	3297580	0.64	cps
Krypton	83-1	13	17	17	16	12.40	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:10:58	DataFile Name :	116CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4851763	4884997	4958025	4898262	1.11	cps
Lead	207-1	4422801	4389493	4457096	4423130	0.76	cps
Lead	208-1	19811205	19875407	19948274	19878295	0.34	cps
Lithium	6-1	186548	185701	184508	185585	0.55	cps
Magnesium	24-2	12321372	12054813	12191307	12189164	1.09	cps
Manganese	55-2	2118755	2158144	2153361	2143420	1.00	cps
Molybdenum	94-1	3203340	3155250	3154597	3171062	0.88	cps
Molybdenum	95-1	4747658	4684819	4653990	4695489	1.02	cps
Molybdenum	96-1	5170256	5059590	5100948	5110265	1.09	cps
Molybdenum	97-1	2966174	2988527	2992564	2982421	0.48	cps
Molybdenum	98-1	7759724	7678589	7609714	7682676	0.98	cps
Neodymium	150-1	190	137	157	161	16.72	cps
Neodymium	150-2	37	27	27	30	19.24	cps
Nickel	60-2	100631	101262	100242	100712	0.51	cps
Phosphorus	31-2	15548	15925	15081	15518	2.73	cps
Potassium	39-2	8172312	7970100	7991466	8044626	1.38	cps
Rhodium	103-1	1024367	1016939	1014982	1018763	0.49	cps
Rhodium	103-2	564199	563581	569853	565877	0.61	cps
Scandium	45-1	547583	544638	543595	545272	0.38	cps
Scandium	45-2	48180	47762	47889	47943	0.45	cps
Selenium	82-1	11421	11393	10922	11245	2.49	cps
Selenium	77-2	1133	1020	1147	1100	6.33	cps
Selenium	78-2	3677	3647	3714	3679	0.91	cps
Silicon	28-1	981610	981932	980194	981245	0.09	cps
Silver	107-1	1040055	1028768	1019029	1029284	1.02	cps
Silver	109-1	995379	983960	980664	986668	0.78	cps
Sodium	23-2	20572910	20413142	20446403	20477485	0.41	cps
Strontium	86-1	6639025	6557884	6642128	6613012	0.72	cps
Strontium	88-1	58920126	59174616	58737494	58944079	0.37	cps
Sulfur	34-1	83641	82568	82243	82817	0.88	cps
Terbium	159-1	2167091	2077553	2138318	2127654	2.15	cps
Terbium	159-2	1242747	1249722	1254663	1249044	0.48	cps
Thallium	203-1	1103980	1095522	1091355	1096952	0.59	cps
Thallium	205-1	2889673	2943758	2953419	2928950	1.17	cps
Tin	118-1	820446	816212	807049	814569	0.84	cps
Titanium	47-1	968406	963994	962182	964860	0.33	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:10:58	DataFile Name :	116CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4515497	4586713	4594464	4565558	0.95	cps
Vanadium	51-2	245231	242431	240590	242751	0.96	cps
Yttrium	89-1	2004396	1987897	1990855	1994383	0.44	cps
Yttrium	89-2	499860	500358	502343	500854	0.26	cps
Zinc	66-2	485306	485944	484087	485112	0.19	cps
Zirconium	90-1	1448404	1420205	1413360	1427323	1.30	cps
Zirconium	91-1	321624	318351	318368	319448	0.59	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:31:51	DataFile Name :	117CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	83	73	79	6.45	cps
Antimony	121-1	90	157	153	133	28.17	cps
Arsenic	75-2	7	10	0	6	91.64	cps
Barium	135-1	10	23	10	14	53.28	cps
Barium	137-1	13	13	23	17	34.65	cps
Beryllium	9-1	20	23	13	19	26.96	cps
Bismuth	209-1	1304109	1306483	1296098	1302230	0.42	cps
Bismuth	209-2	987860	979240	979024	982041	0.51	cps
Bromine	81-1	3664	3607	3757	3676	2.06	cps
Bromine	81-2	20	17	13	17	20.01	cps
Cadmium	108-1	7	0	0	2	173.21	cps
Cadmium	106-1	610	583	593	596	2.26	cps
Cadmium	111-1	426	425	415	422	1.37	cps
Calcium	43-1	87	50	90	76	29.38	cps
Calcium	44-1	570	713	653	646	11.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73	63	60	66	10.58	cps
Cobalt	59-2	10	20	13	14	35.26	cps
Copper	63-2	303	300	327	310	4.69	cps
Dysprosium	156-1	3	0	10	4	114.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	10	13	0	8	89.21	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	3	3	7	4	43.40	cps
Gadolinium	160-2	90	90	87	89	2.16	cps
Holmium	165-1	2151326	2162569	2120379	2144758	1.02	cps
Holmium	165-2	1298342	1287580	1298247	1294723	0.48	cps
Indium	115-1	1389503	1384865	1381870	1385413	0.28	cps
Indium	115-2	447221	443994	447781	446332	0.46	cps
Iron	56-2	3904	4224	4244	4124	4.63	cps
Iron	57-2	207	273	247	242	13.85	cps
Iron	54-2	473	410	487	457	8.97	cps
Krypton	83-1	37	40	33	37	9.10	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:31:51	DataFile Name :	117CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	130	167	133	143	14.15	cps
Lead	207-1	167	110	120	132	22.88	cps
Lead	208-1	587	580	590	586	0.87	cps
Lithium	6-1	200319	198669	198723	199237	0.47	cps
Magnesium	24-2	600	633	583	606	4.20	cps
Manganese	55-2	73	123	87	94	27.42	cps
Molybdenum	94-1	77	90	117	94	21.56	cps
Molybdenum	95-1	53	70	57	60	14.70	cps
Molybdenum	96-1	67	43	90	67	35.00	cps
Molybdenum	97-1	37	33	40	37	9.10	cps
Molybdenum	98-1	53	73	97	74	29.14	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	53	60	60	58	6.67	cps
Phosphorus	31-2	37	33	30	33	10.01	cps
Potassium	39-2	14334	13880	14147	14120	1.62	cps
Rhodium	103-1	1153126	1150385	1146123	1149878	0.31	cps
Rhodium	103-2	643036	633396	638182	638205	0.76	cps
Scandium	45-1	575812	571518	570201	572510	0.51	cps
Scandium	45-2	49417	50714	49551	49894	1.43	cps
Selenium	82-1	24	19	10	18	40.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	33	43	37	15.75	cps
Silicon	28-1	56397	55510	57317	56408	1.60	cps
Silver	107-1	43	47	27	39	27.55	cps
Silver	109-1	20	20	10	17	34.64	cps
Sodium	23-2	2787	2827	2944	2853	2.85	cps
Strontium	86-1	93	83	93	90	6.42	cps
Strontium	88-1	397	340	467	401	15.82	cps
Sulfur	34-1	39314	39538	38956	39269	0.75	cps
Terbium	159-1	2229518	2168847	2167628	2188664	1.62	cps
Terbium	159-2	1274784	1257036	1275811	1269210	0.83	cps
Thallium	203-1	63	53	53	57	10.19	cps
Thallium	205-1	133	137	170	147	13.82	cps
Tin	118-1	257	297	283	279	7.30	cps
Titanium	47-1	17	13	27	19	36.75	cps

Reviewed By:Mohan
On:10/21/2024 5:48:53 AM
Inst Id :P7

LB Number :	LB133019	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P7
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired :	2024-10-21 00:31:51	DataFile Name :	117CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	33	33	32	5.97	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	2058507	2078081	2052638	2063075	0.65	cps
Yttrium	89-2	518378	513783	520062	517408	0.63	cps
Zinc	66-2	13	27	60	33	72.11	cps
Zirconium	90-1	123	180	230	178	30.02	cps
Zirconium	91-1	40	17	33	30	40.05	cps

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Prep Standard - Chemical Standard Summary

Order ID : P2828

Test : Metals CLP MS FULL

Prepbatch ID : PB163818,

Sequence ID/Qc Batch ID: LB133015,LB133019,

Standard ID :
MP81119,MP82127,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82583,MP82585,MP82586,MP82587,MP82593,

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,W2606,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	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

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP82568	09/28/2024	10/22/2024	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	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5768 + 5.00000ml of M5806 + 79.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP82570	09/28/2024	10/22/2024	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	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 48.50000ml of W3112 + 50.00000ml of MP82570 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP82572	09/28/2024	10/22/2024	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	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 86.00000ml of W3112 + 12.50000ml of MP82570 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP82574	09/28/2024	10/22/2024	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	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6040 + 226.25000ml of W3112 + 5.00000ml of M6037 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP82576	09/28/2024	10/22/2024	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	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82576 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP82578	09/28/2024	10/22/2024	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	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5473 + 10.00000ml of M6037 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5697 + 4.50000ml of M5698 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6040 + 824.35000ml of W3112 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP82580	09/28/2024	10/22/2024	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	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP82583	09/28/2024	10/22/2024	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	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.01000ml of M5768 + 9.99000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP82586	09/28/2024	10/22/2024	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	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 5.00000ml of M6037 + 75.00000ml of M5739 + 170.00000ml of MP82568 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
996	PB 100PPM	MP82593	09/29/2024	10/22/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 1.00000ml of M5513 + 9.00000ml of MP82568 = Final Quantity: 10.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	02/20/2020 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/29/2025	03/16/2023 / jaswal	03/16/2023 / jaswal	M5473

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 /jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 /Al-Terek	08/03/2022 / Al-Terek	M5634

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2023 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/08/2025	08/09/2024 /Janvi	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	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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M6028

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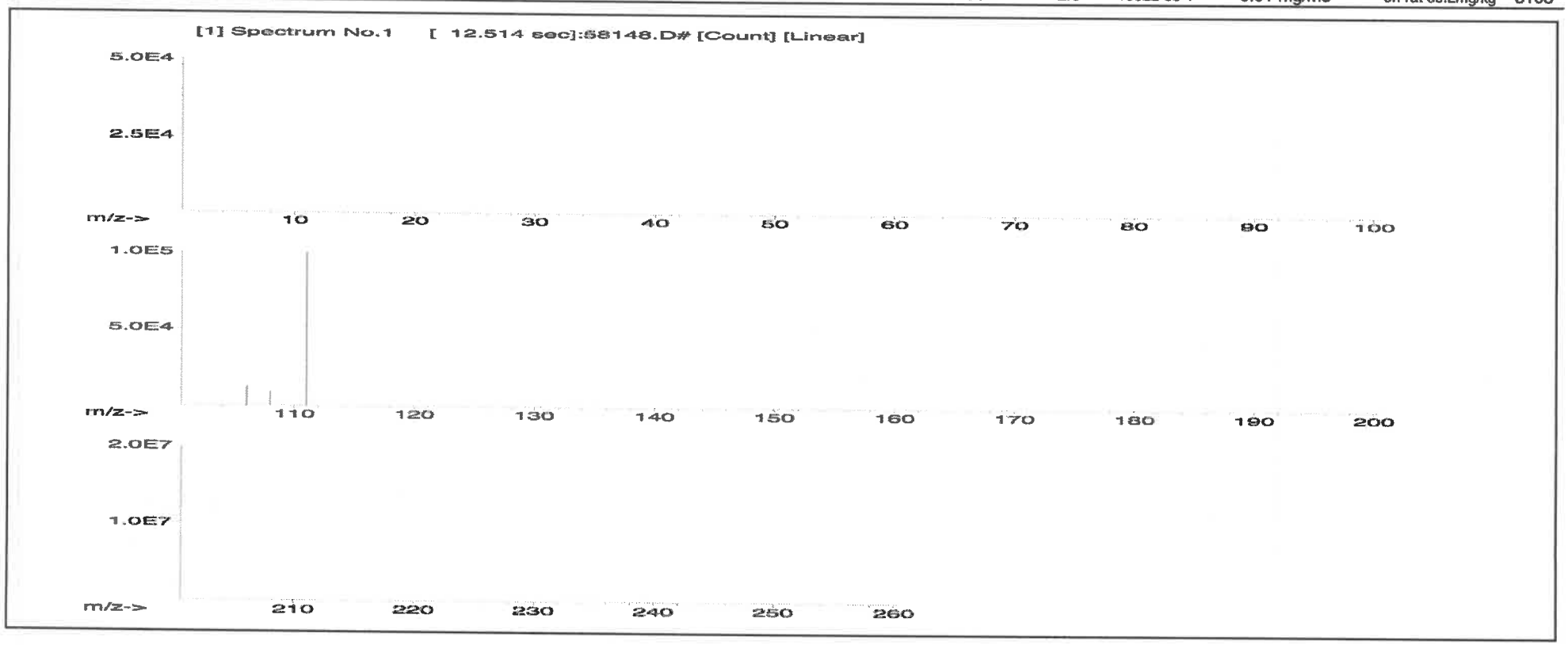
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

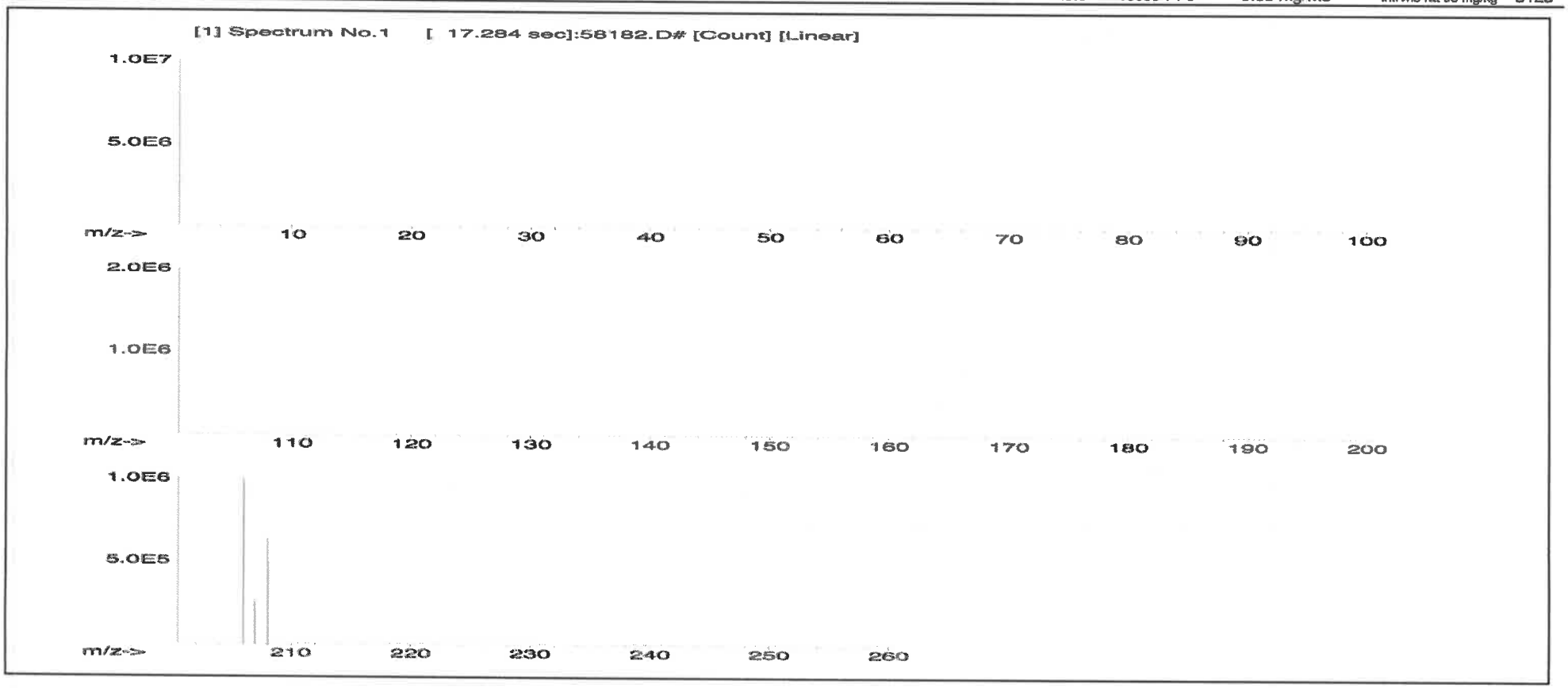
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546		Nitric Acid
	2%	40.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

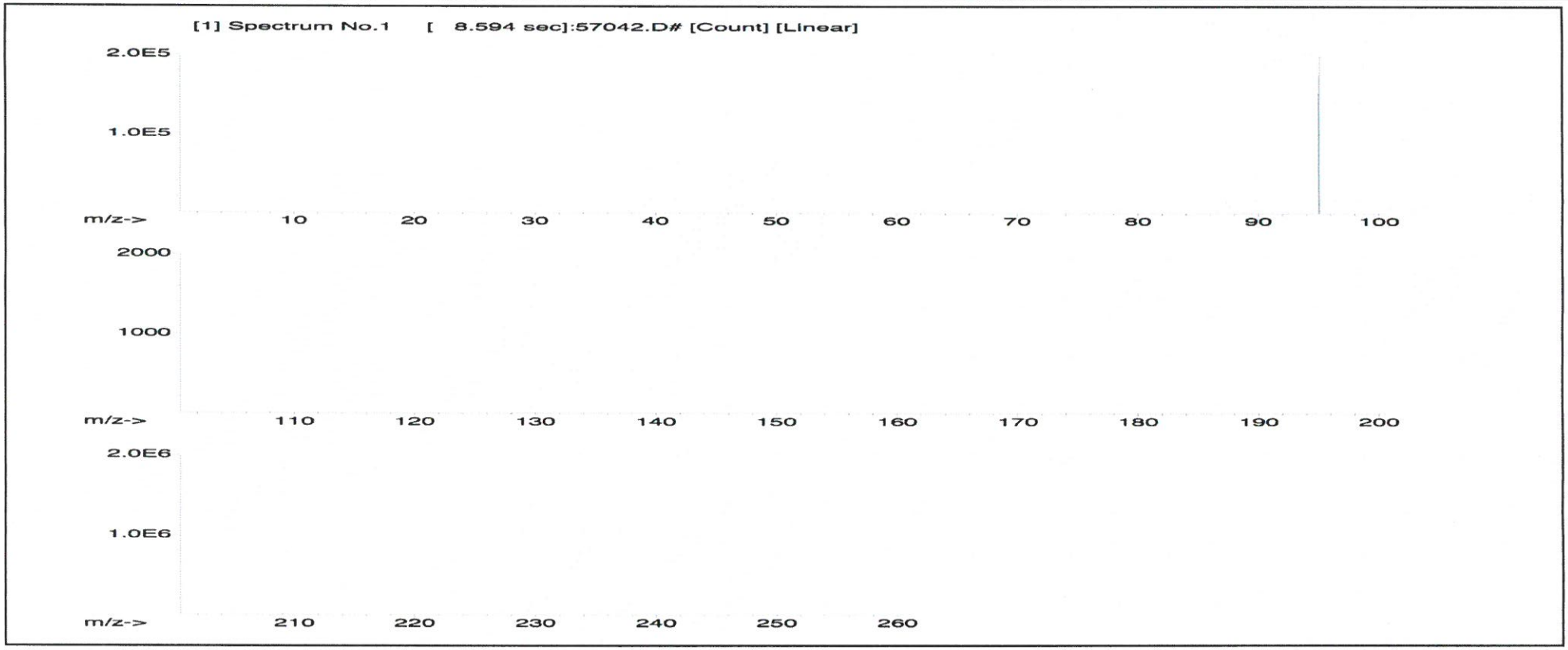
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

	Lot #	Solvent:	
	MKBQ8597V	Ammonium hydroxide	
	0.5%	15.0 (mL)	Ammonium hydroxide

Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Volume shown below was diluted to (mL): 3000.41 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	051722
Reviewed By:	Pedro L. Rentas	051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

V15200 R: 04/24/22 (BP)

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:

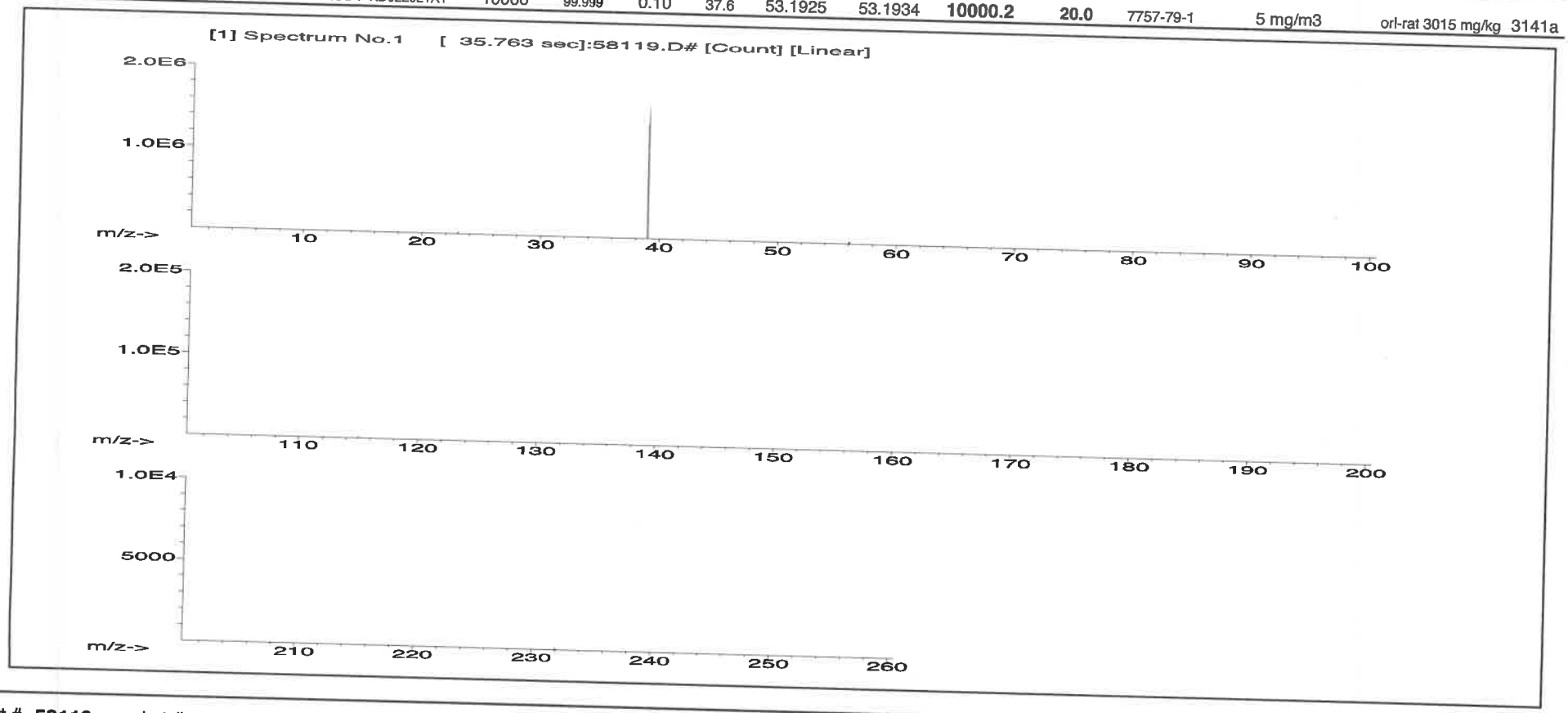
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

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.
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

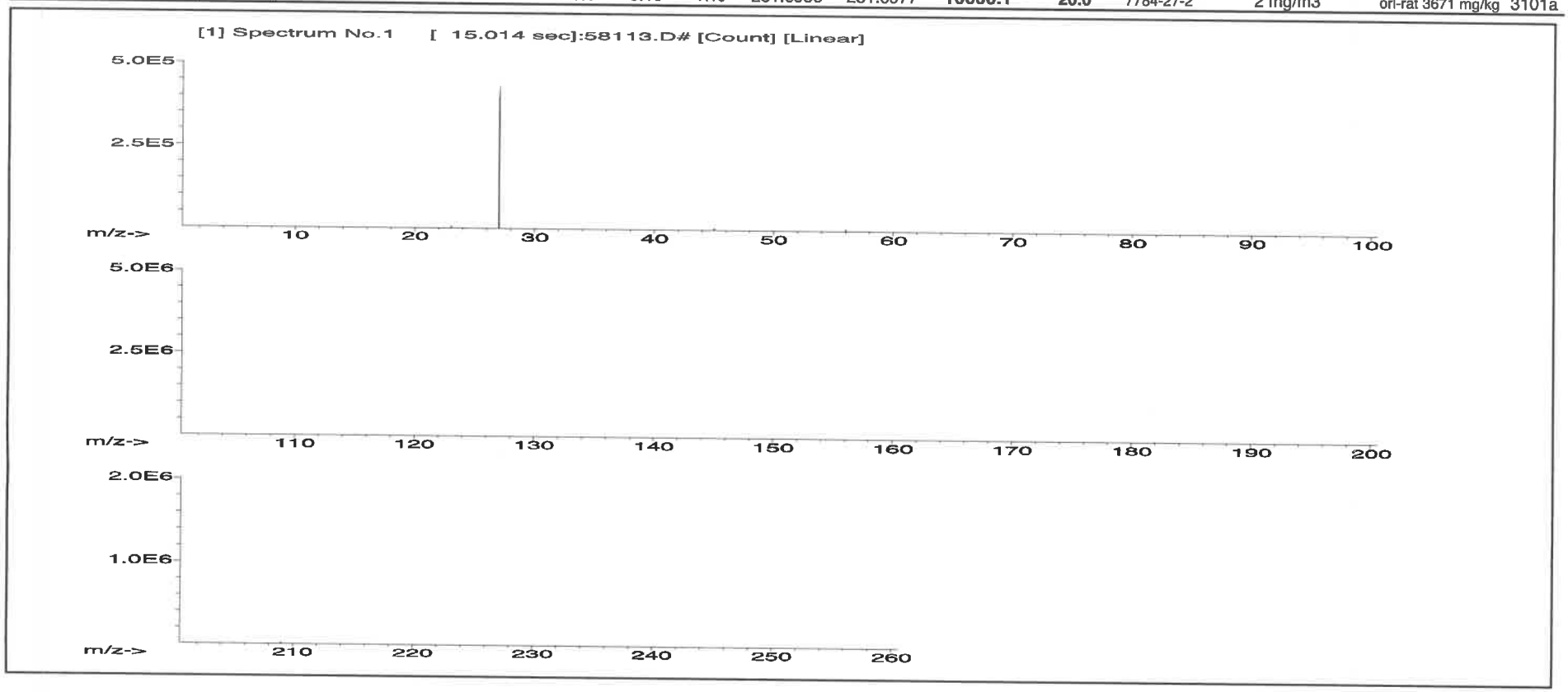
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

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

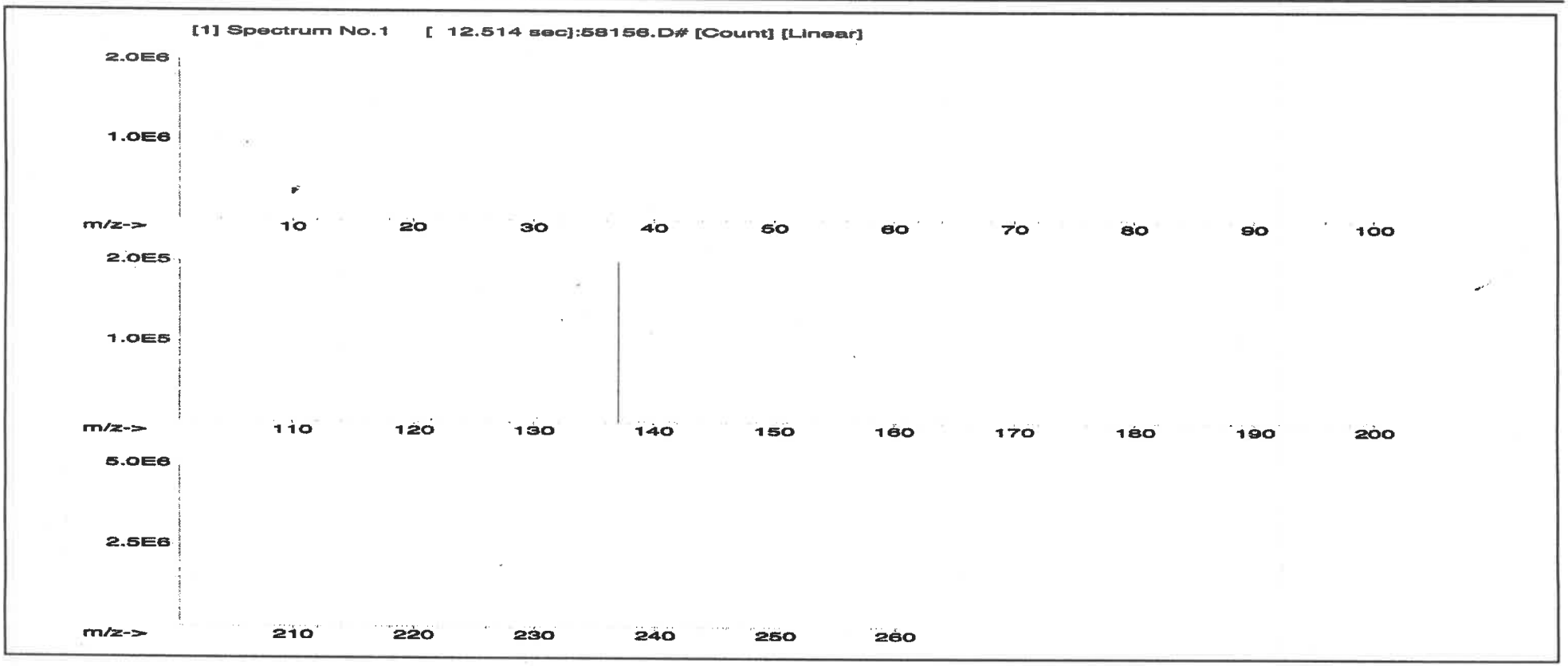
CERTIFIED WEIGHT REPORT:

		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).

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Certified Reference Material CRM

IN5497 - IN5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

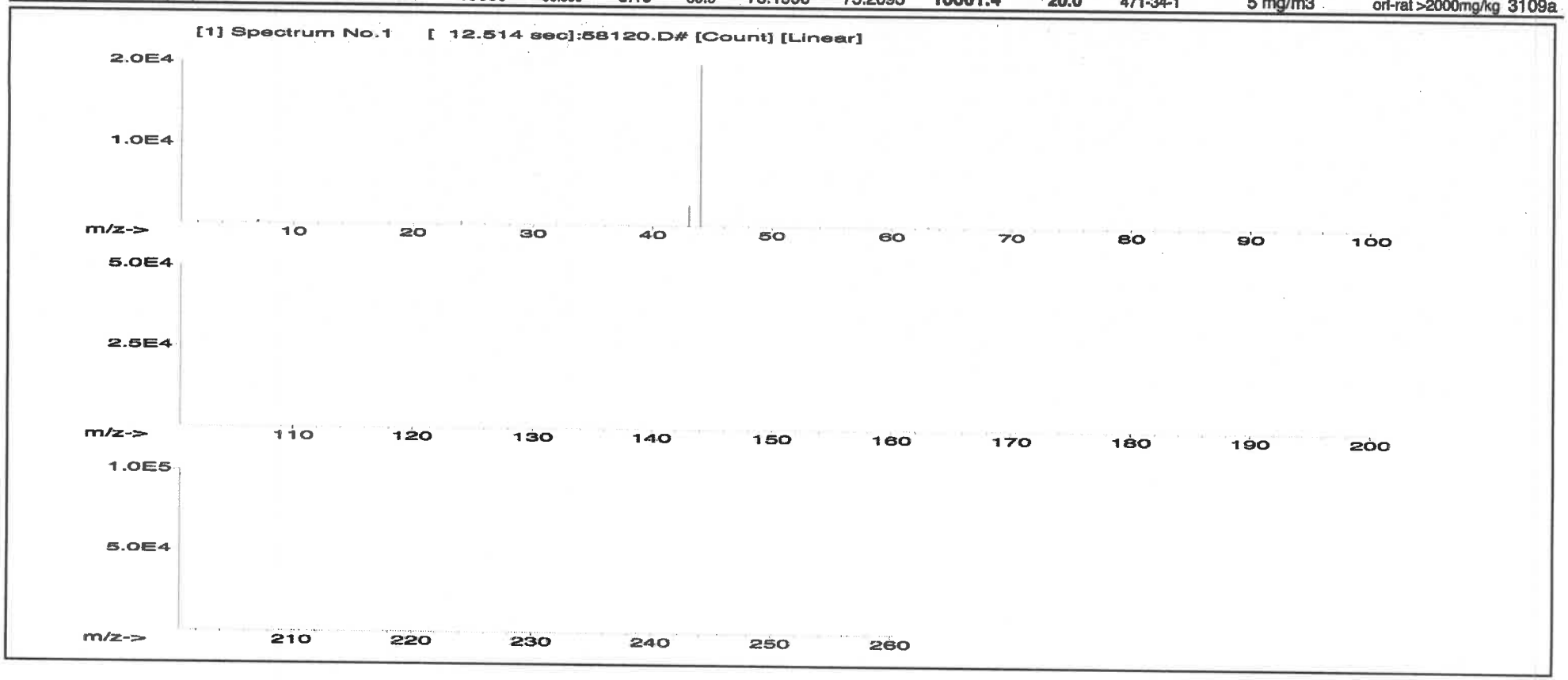
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

		Lot #	
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

MS513 R:03/17/23 BE

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

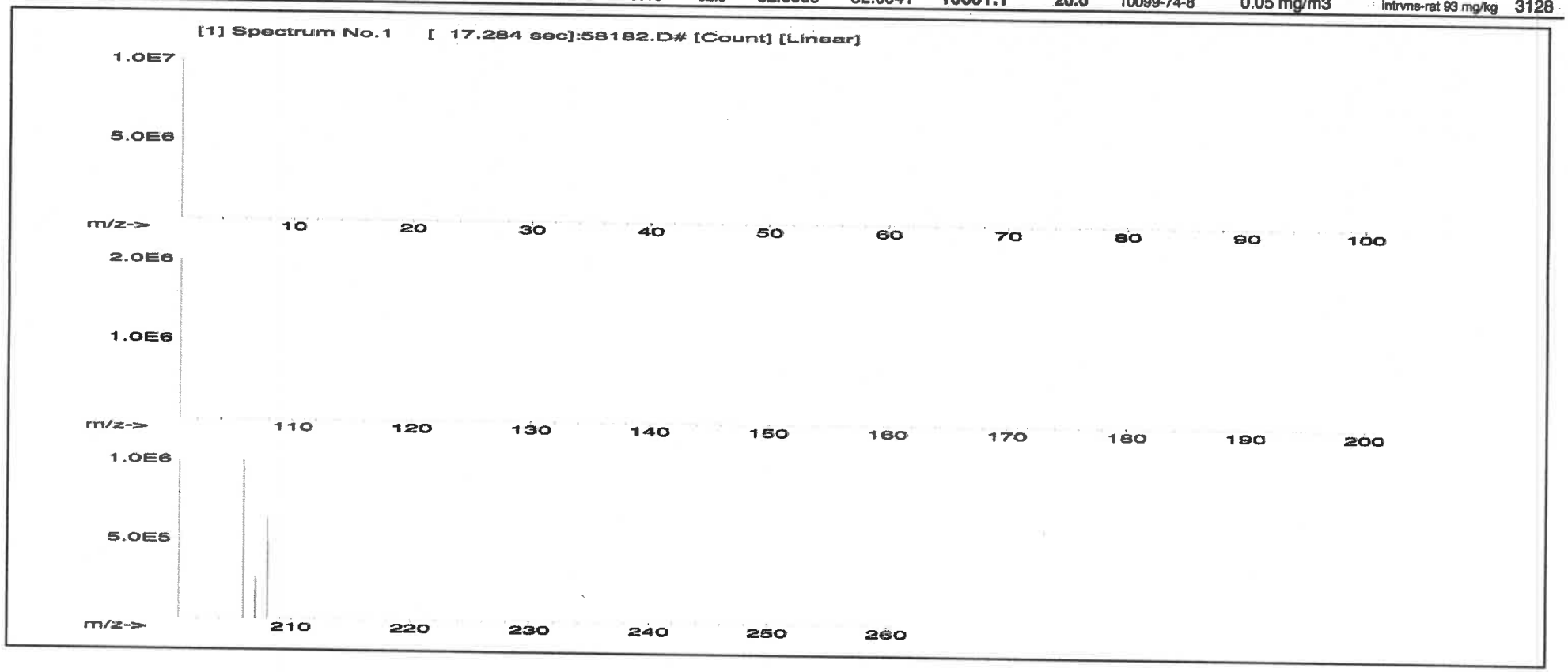
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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Certified Reference Material CRM

M5514 - M5515 R: 03/17/22

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 5000.1 ± 0.12 Flask Uncertainty

	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

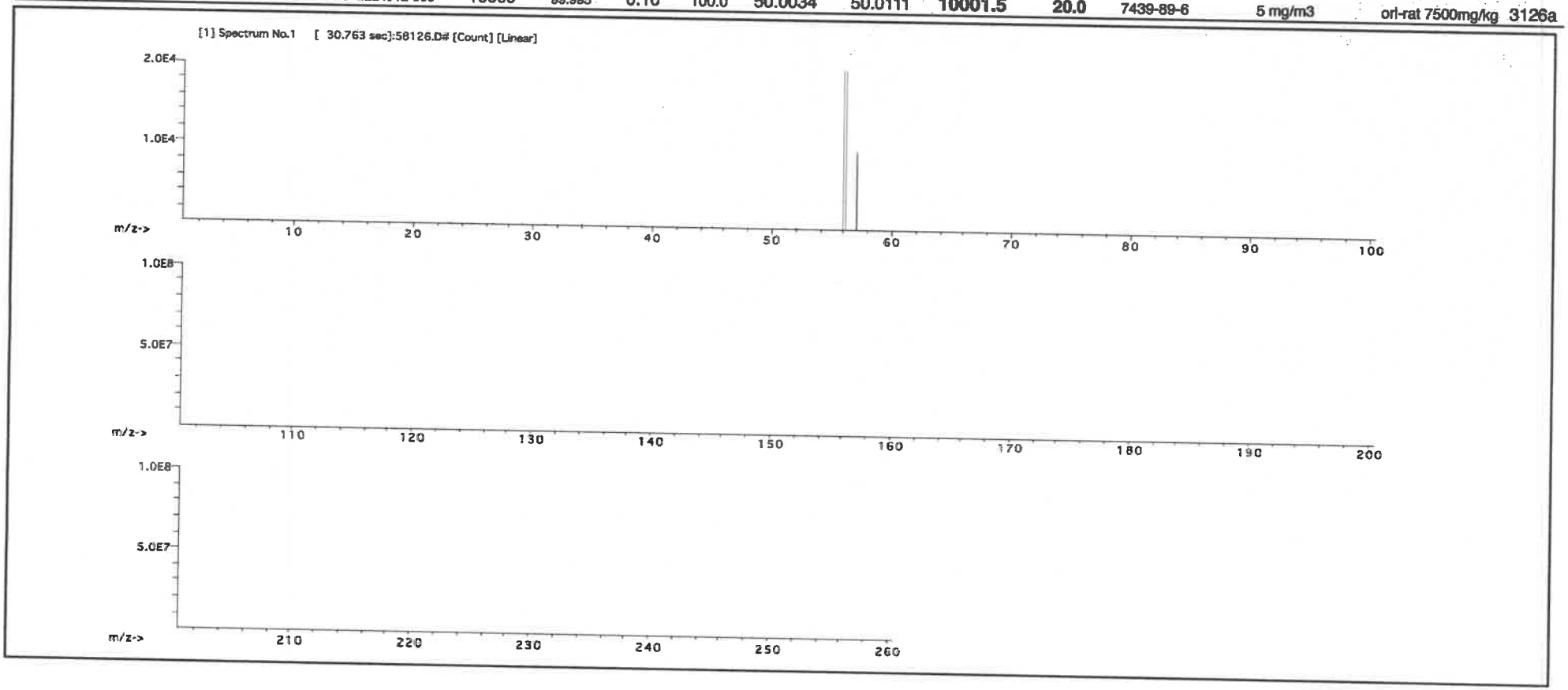
Giovanni Esposito

Formulated By: Giovanni Esposito 092122

Pedro Rentas

Reviewed By: Pedro L. Rentas 092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Certified Reference Material CRM

M519. M520 (BH) R:03/17/23

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

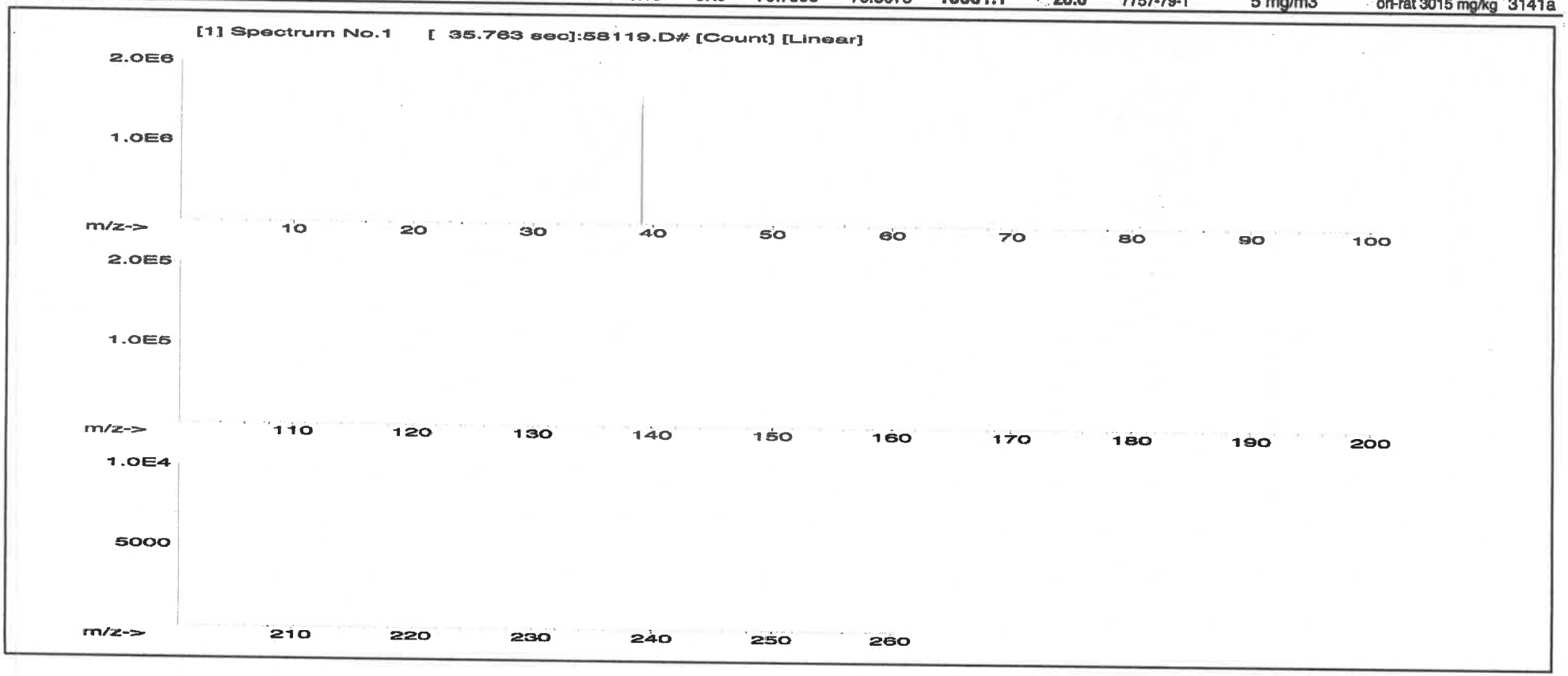
Lot #		
Solvent: 20510011		Nitric Acid
2%	60.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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inorganicventures.com

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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

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

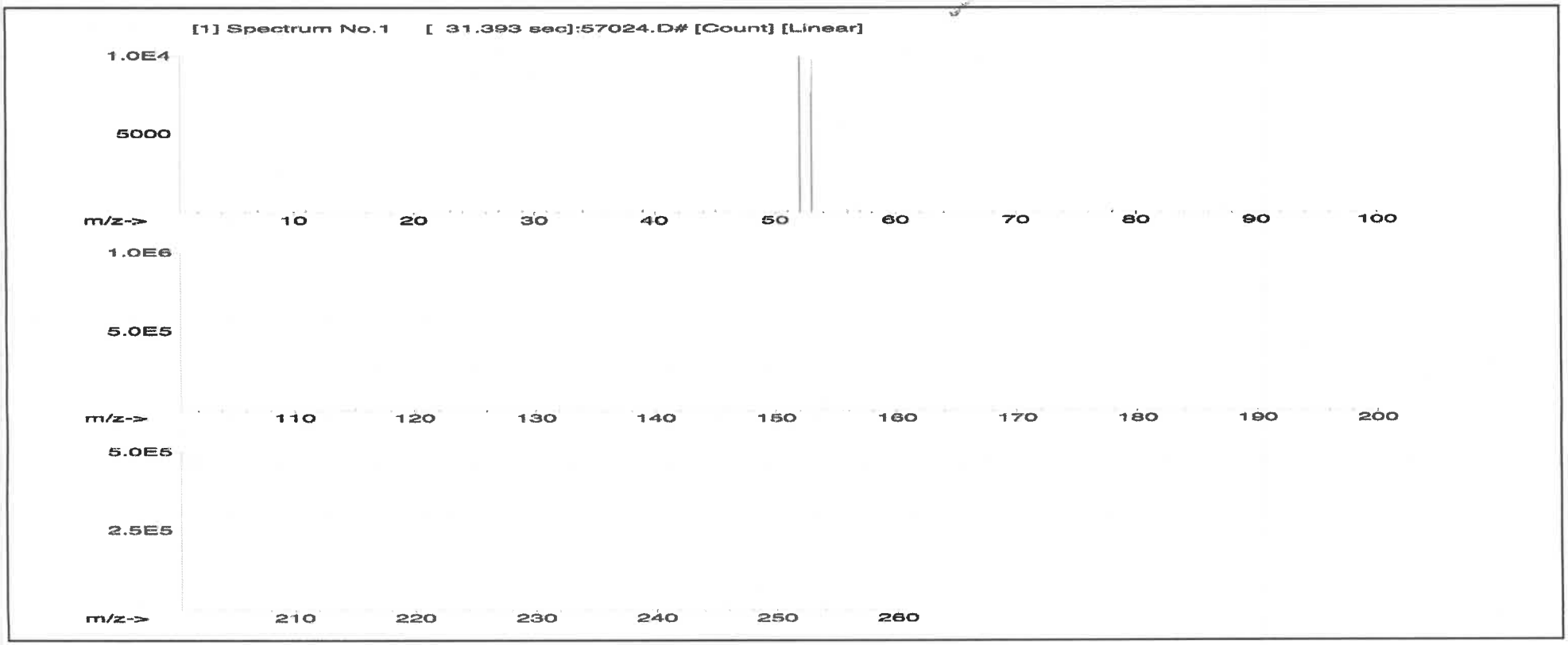
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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5697 R: 10/27/23

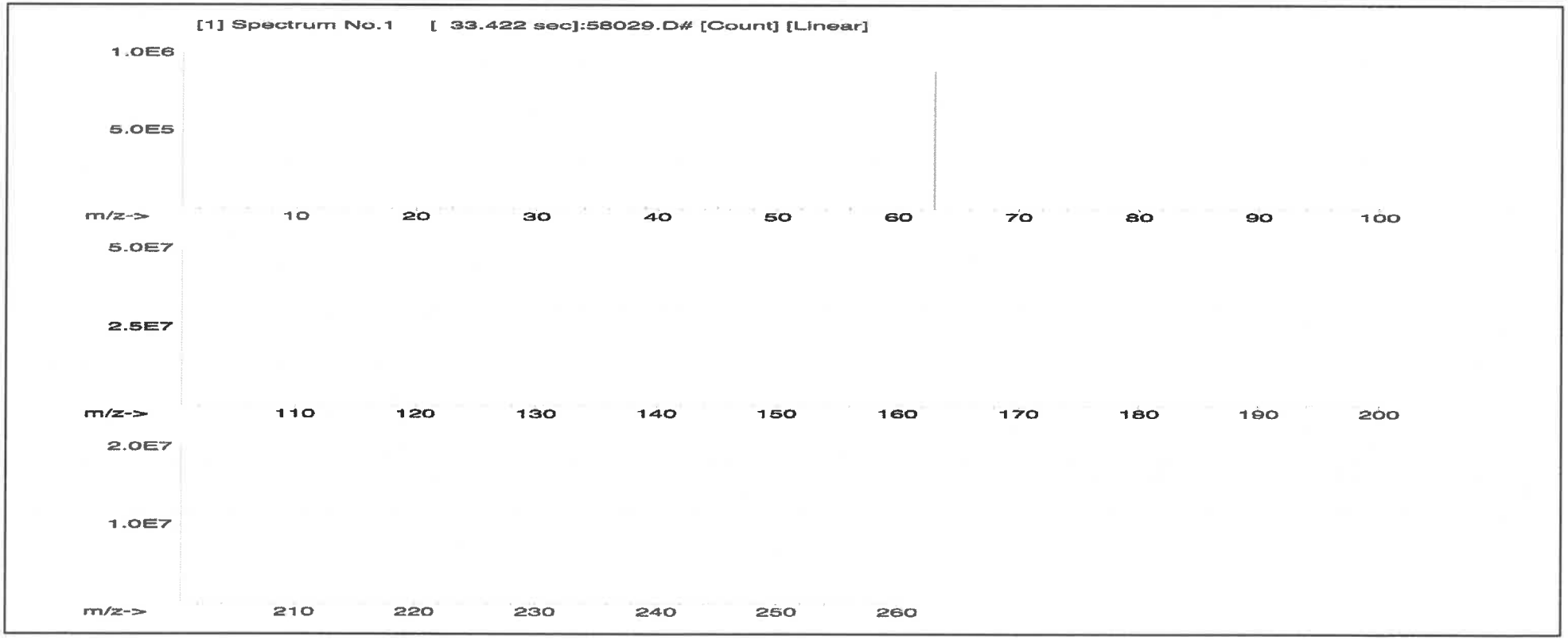
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Copper (Cu)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	100223	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5648 R: 10/27/23

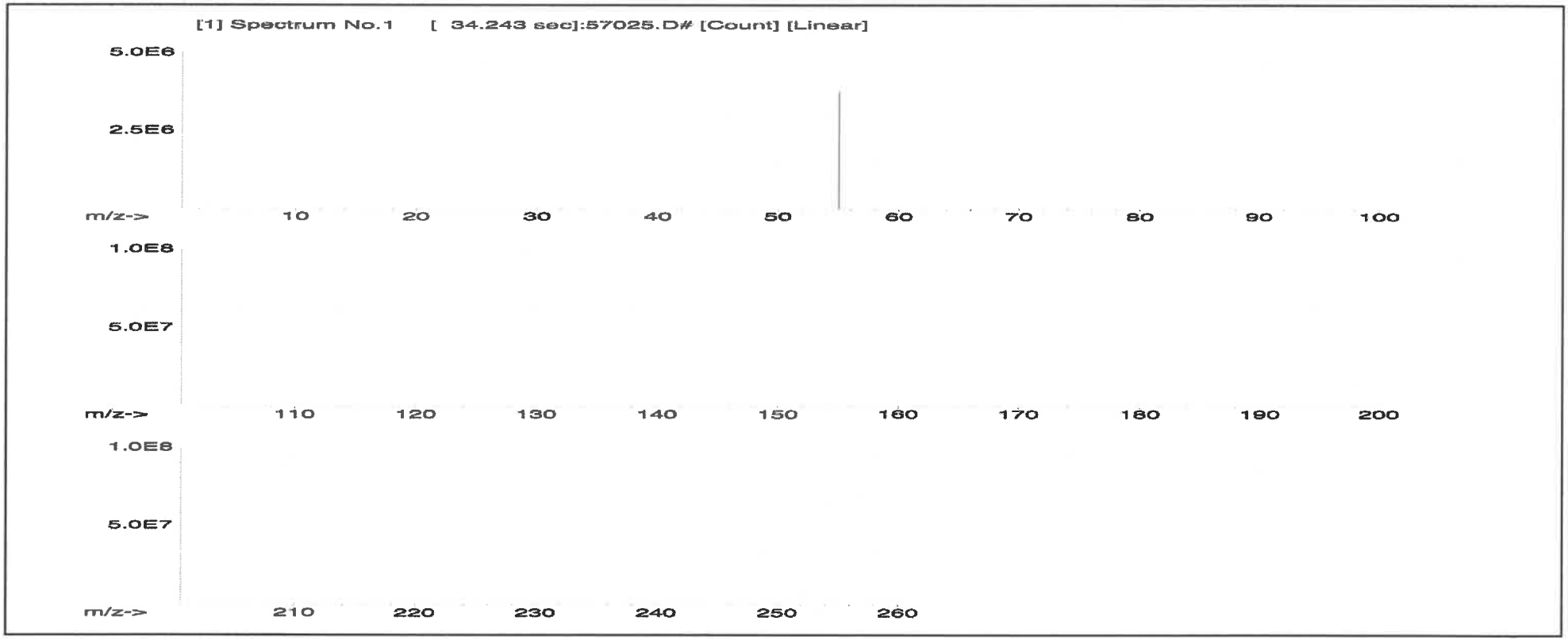
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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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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

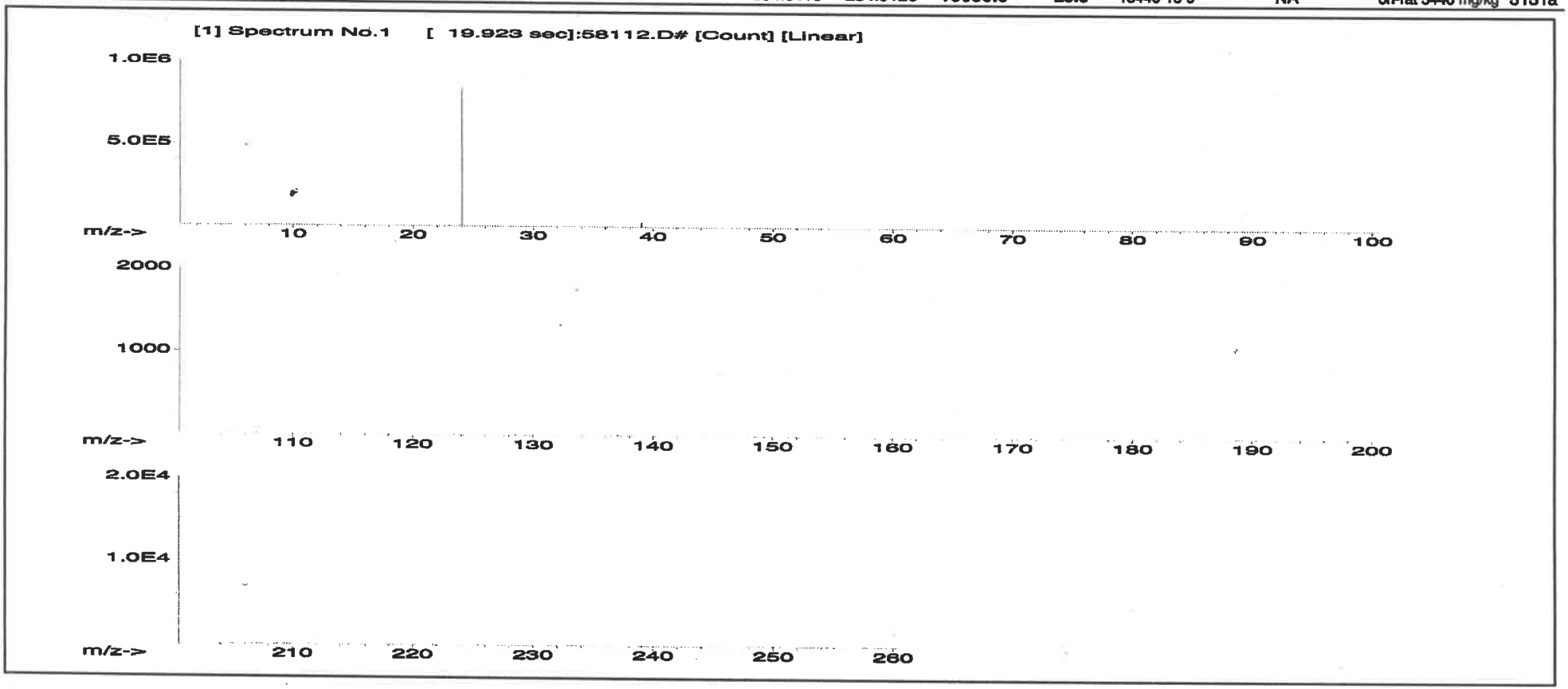
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	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).

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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

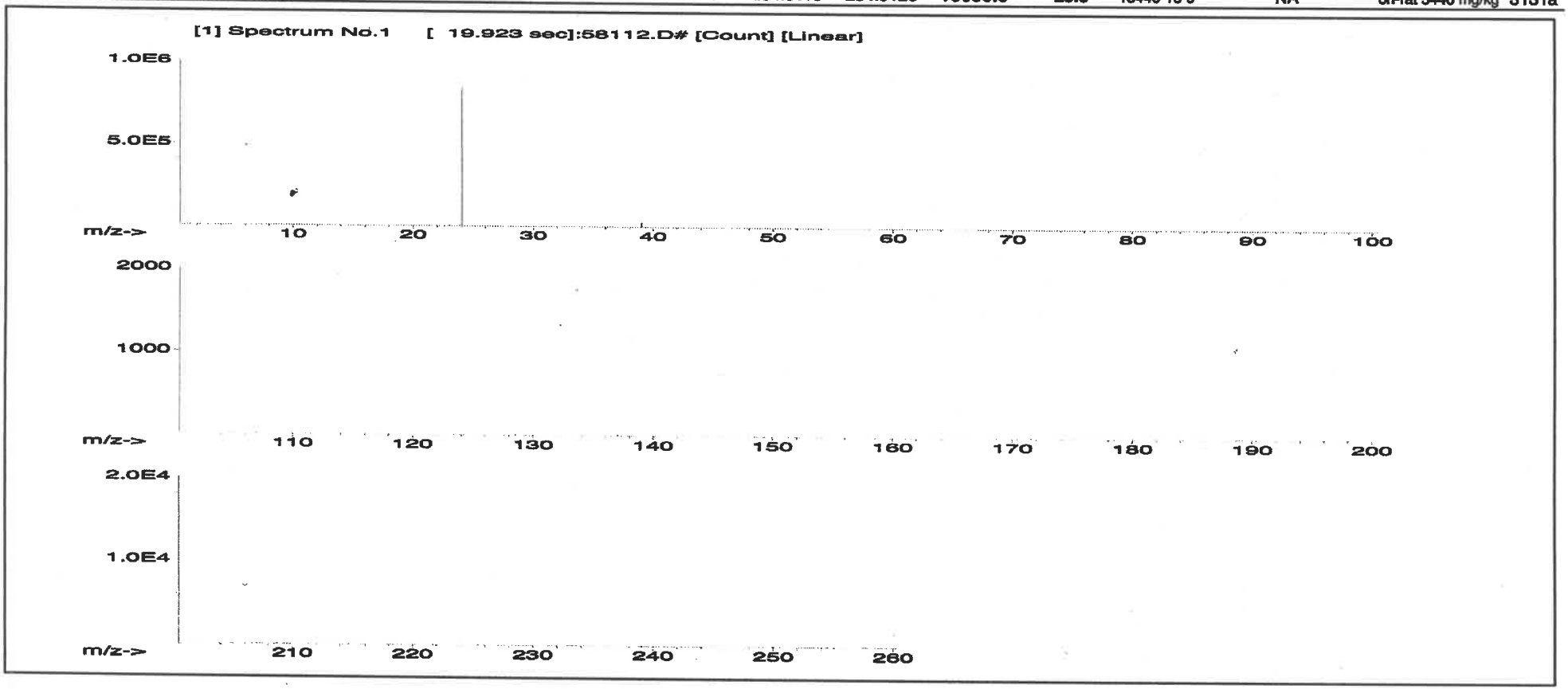
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5798

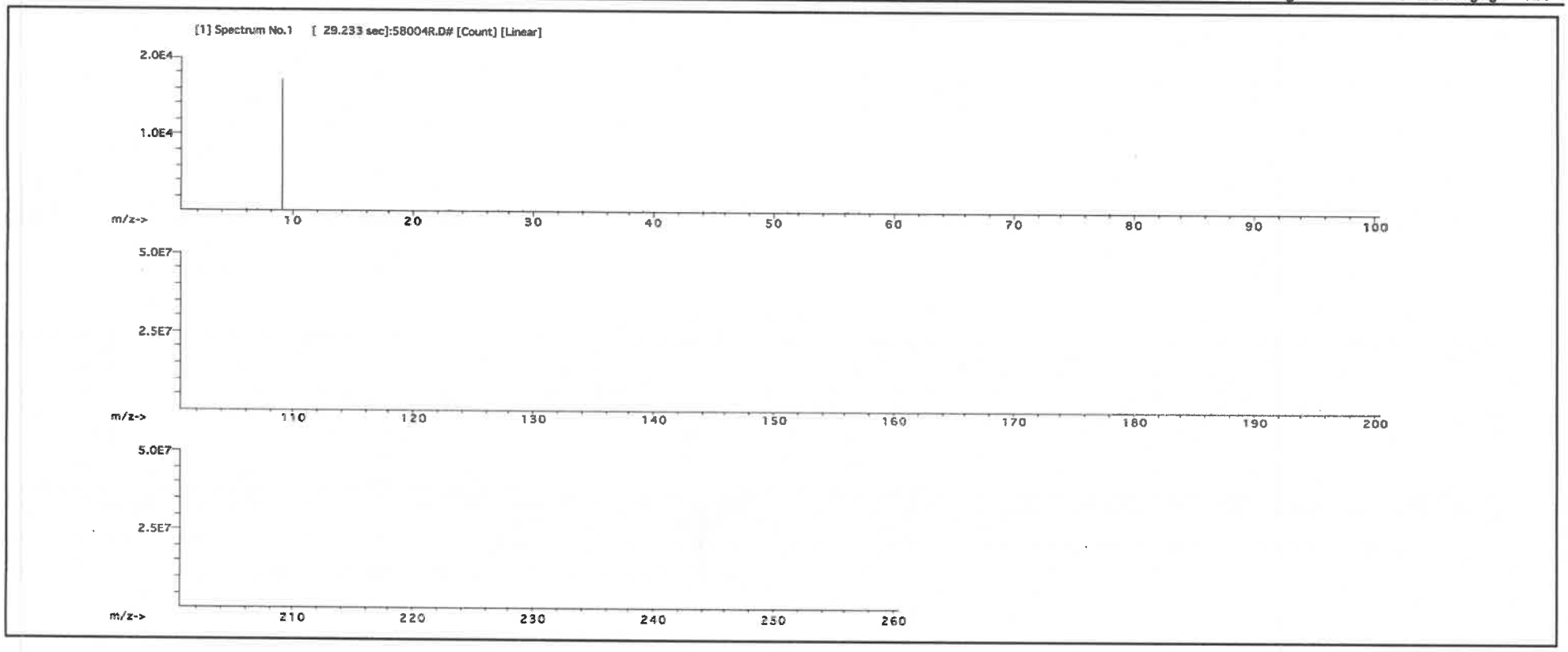
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

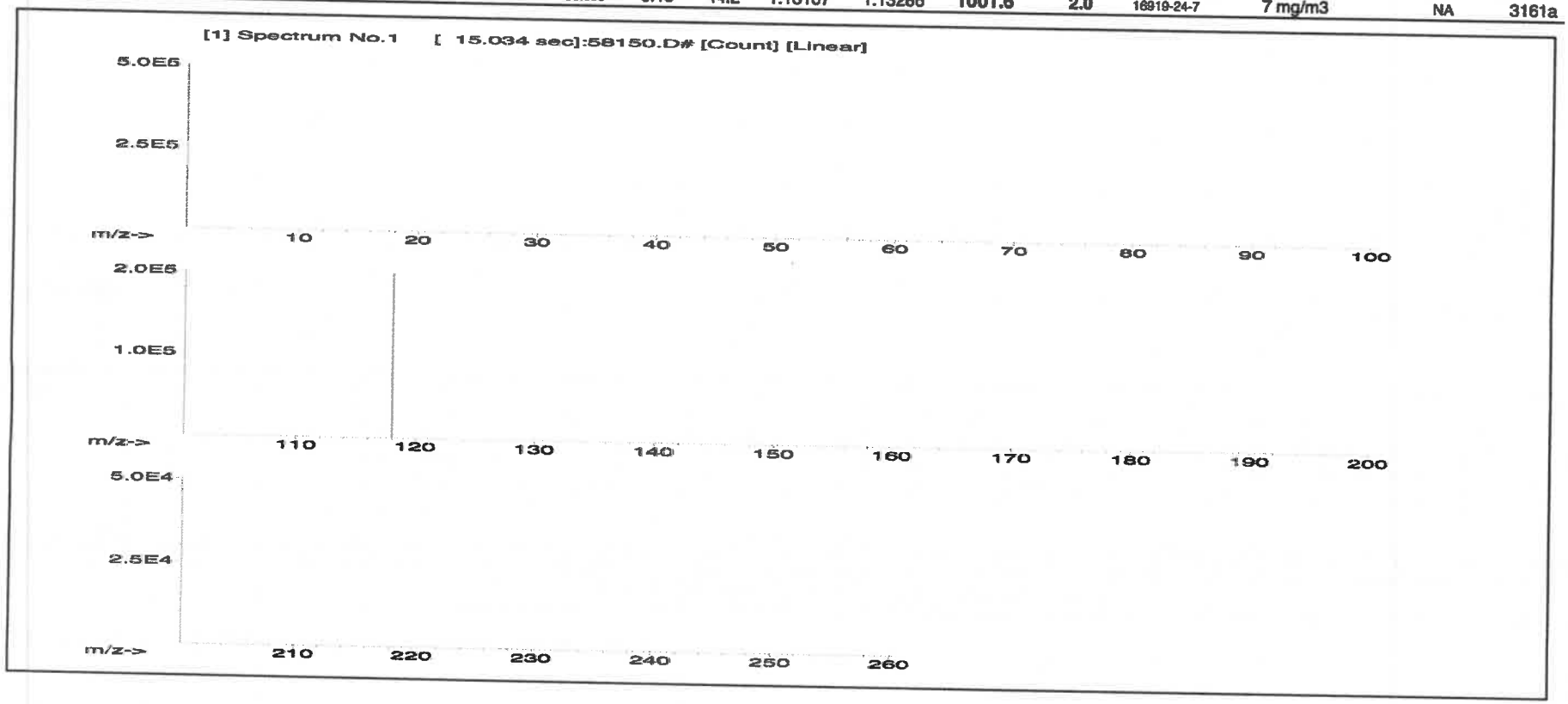
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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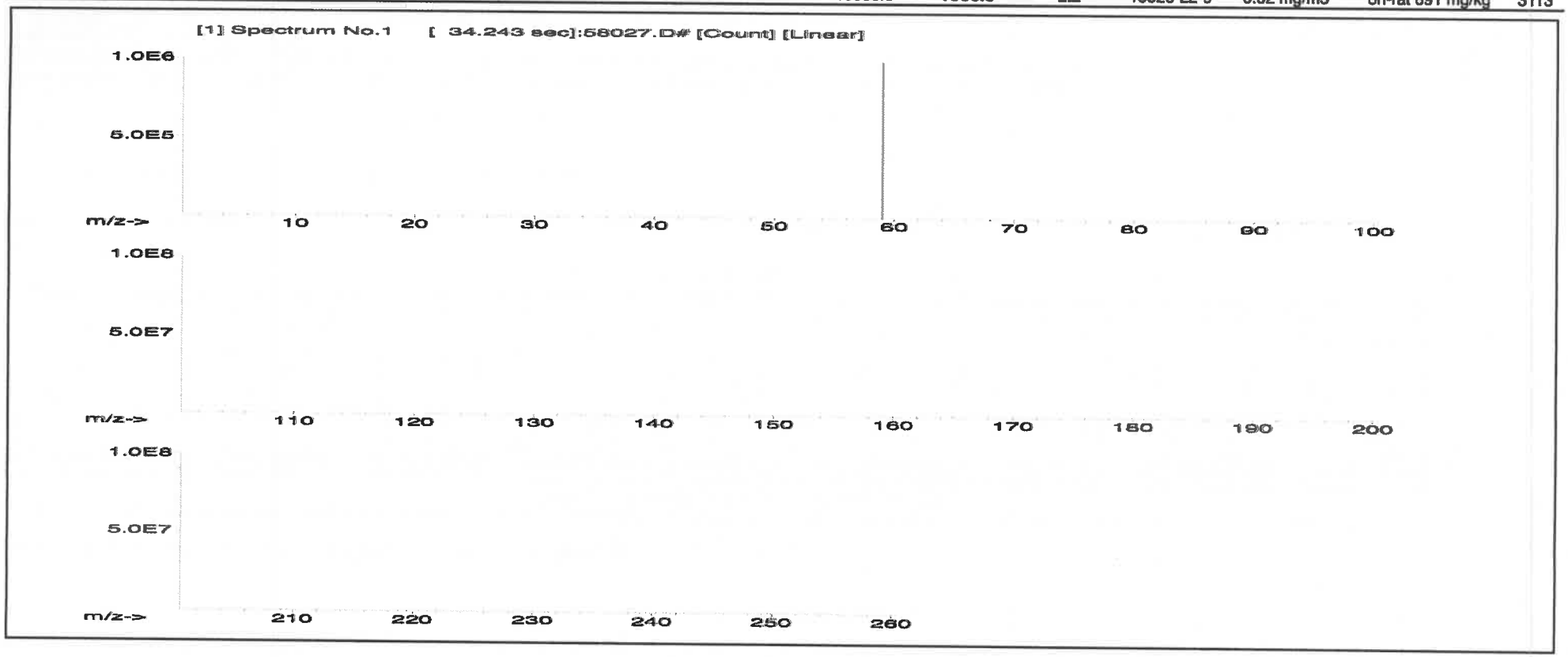
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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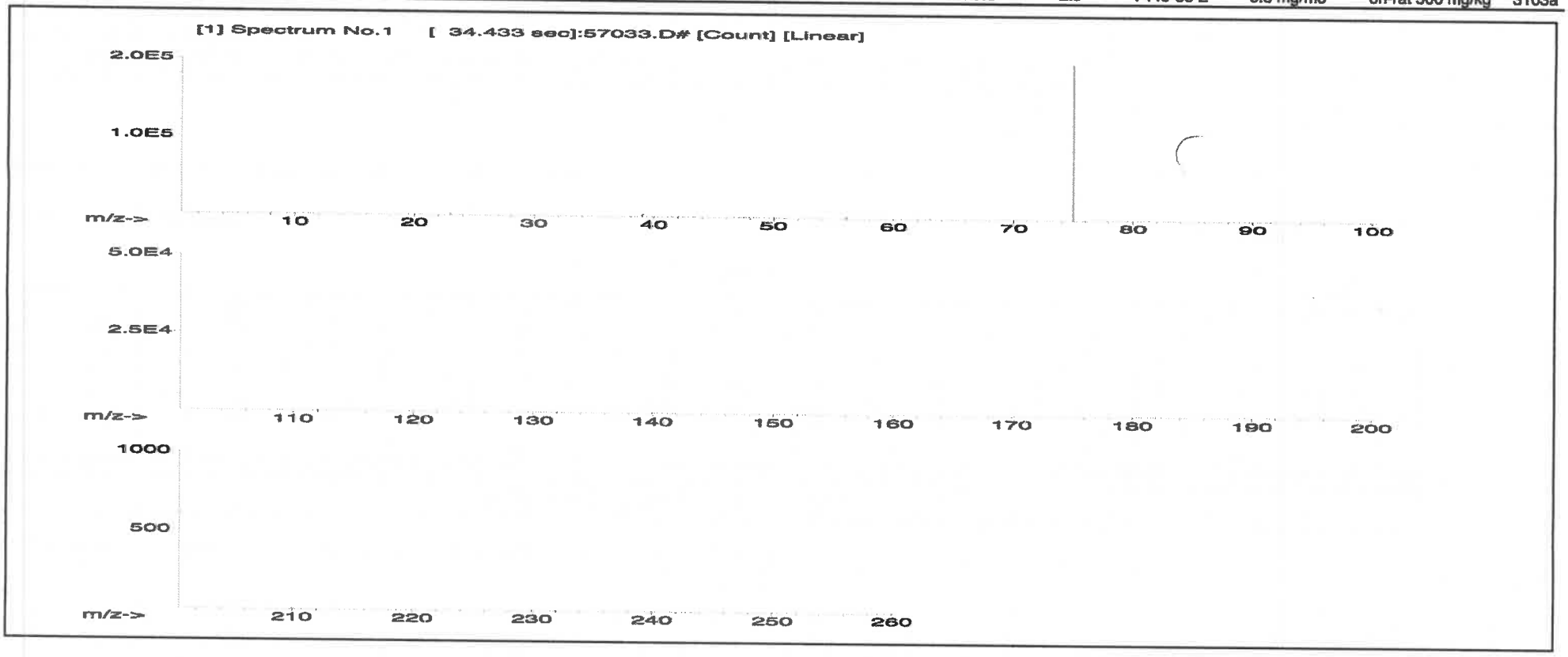
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CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R1 02/09/24. M58165

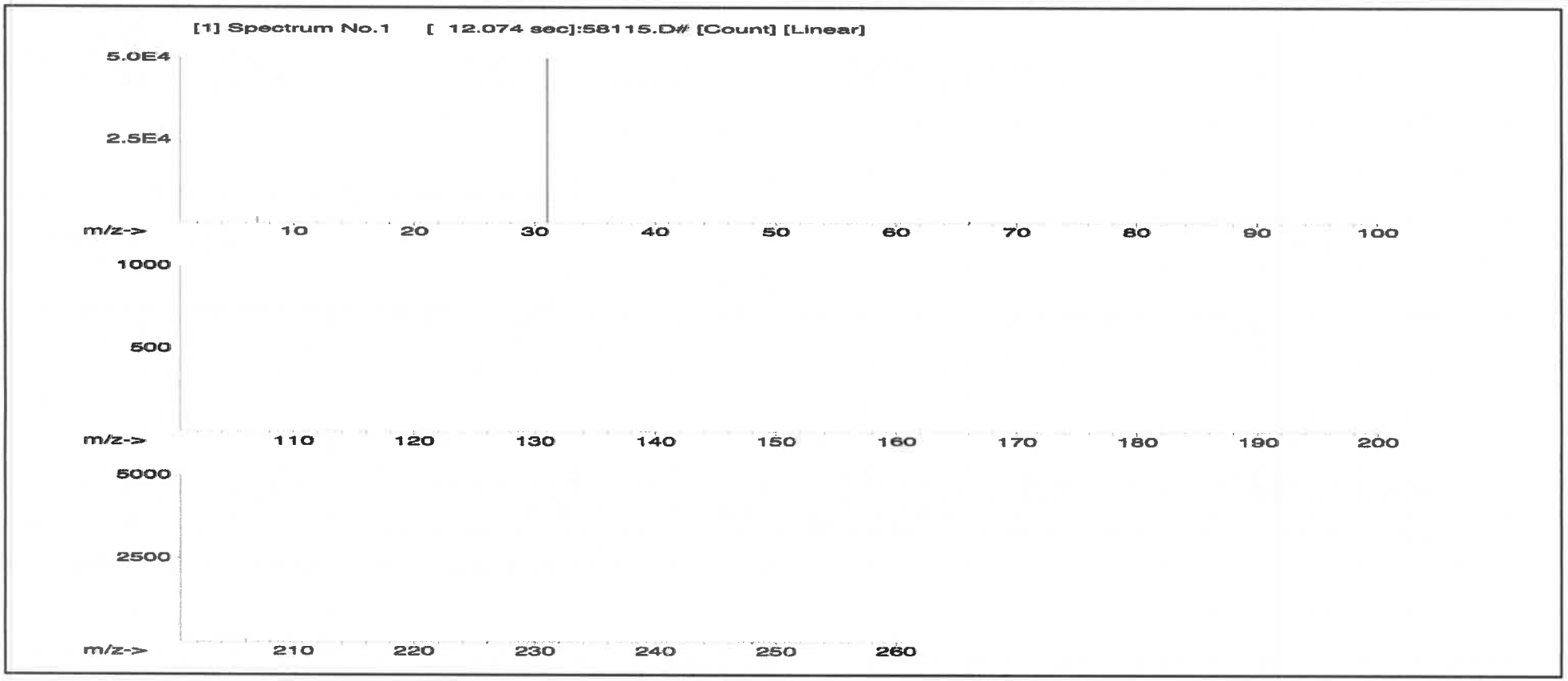
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CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5816

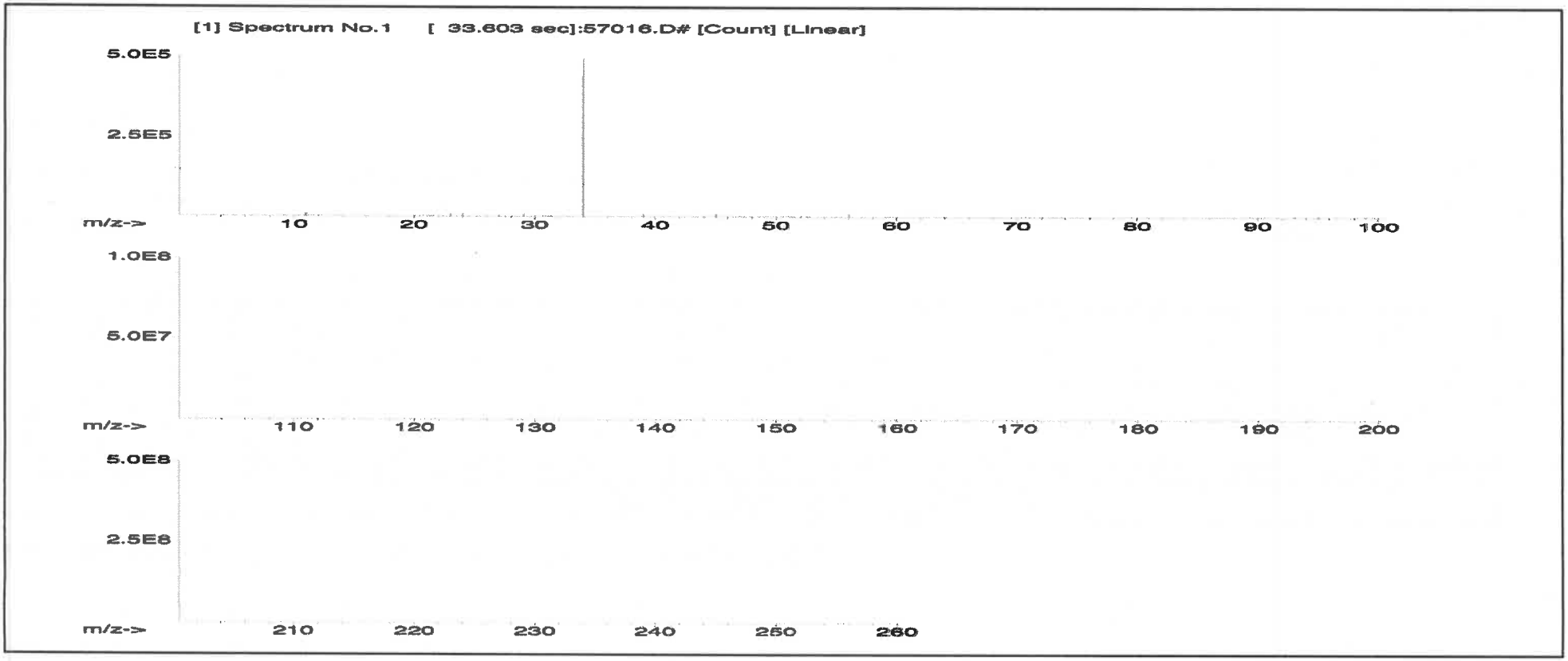
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CERTIFIED WEIGHT REPORT:

Part Number:	**57016**	**Solvent:**	**Lot #** 122923	ASTM Type 1 Water
Lot Number:	**122923**			
Description:	**Sulfur (S)**			
Expiration Date:	122926			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty	

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

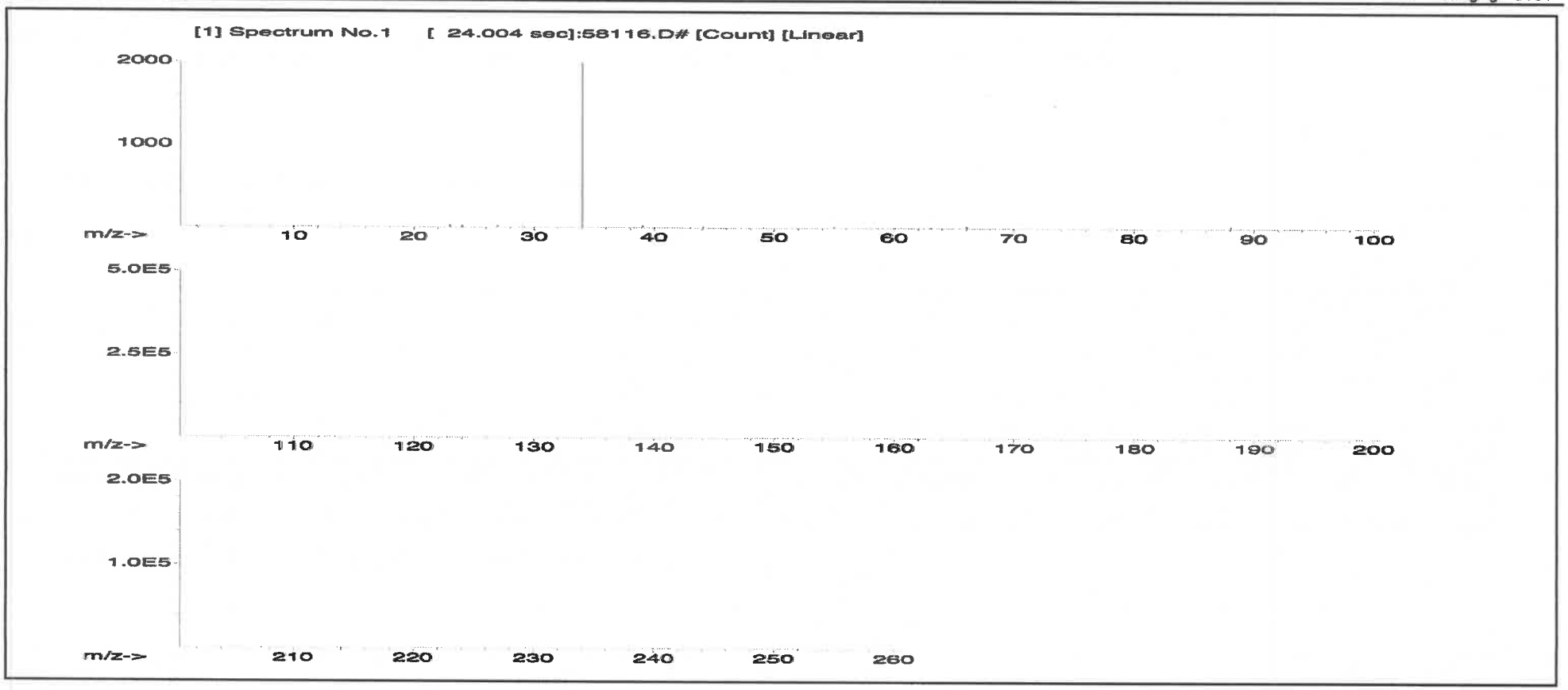
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

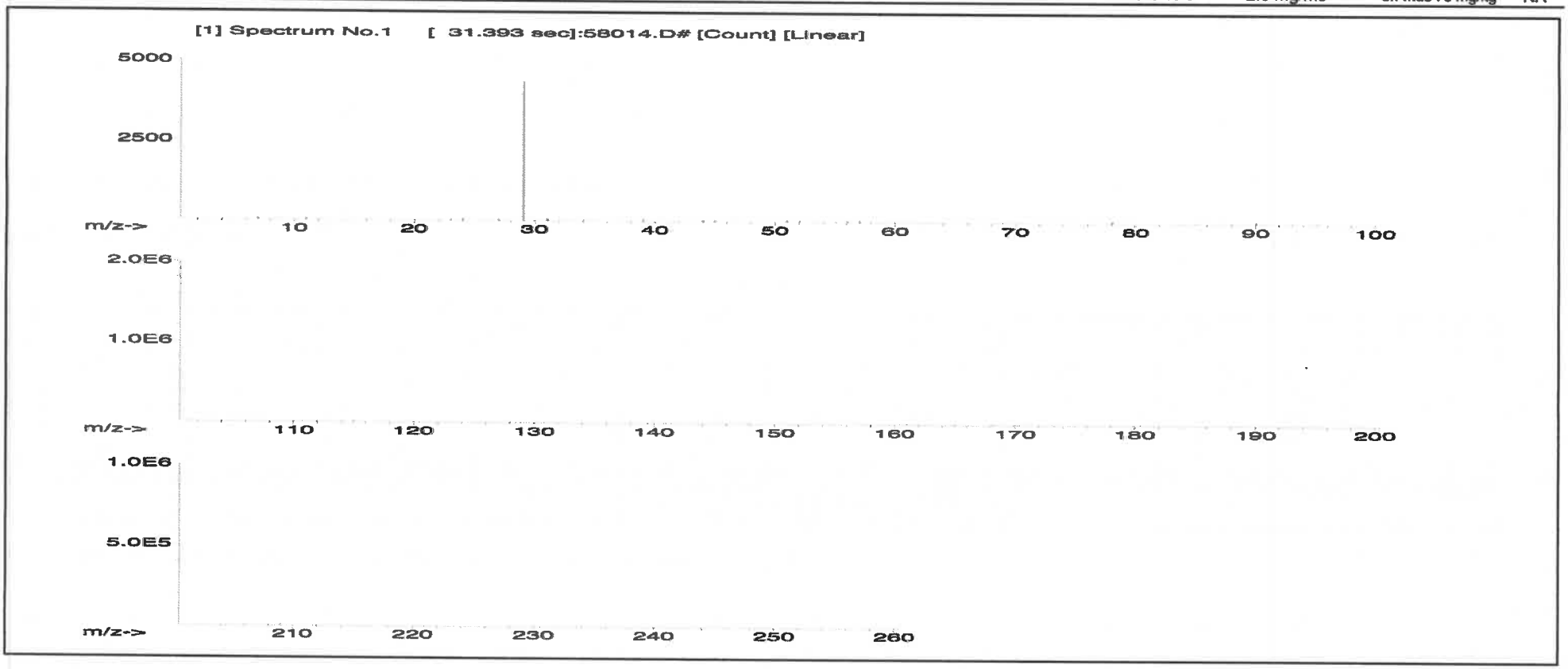
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5819

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CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

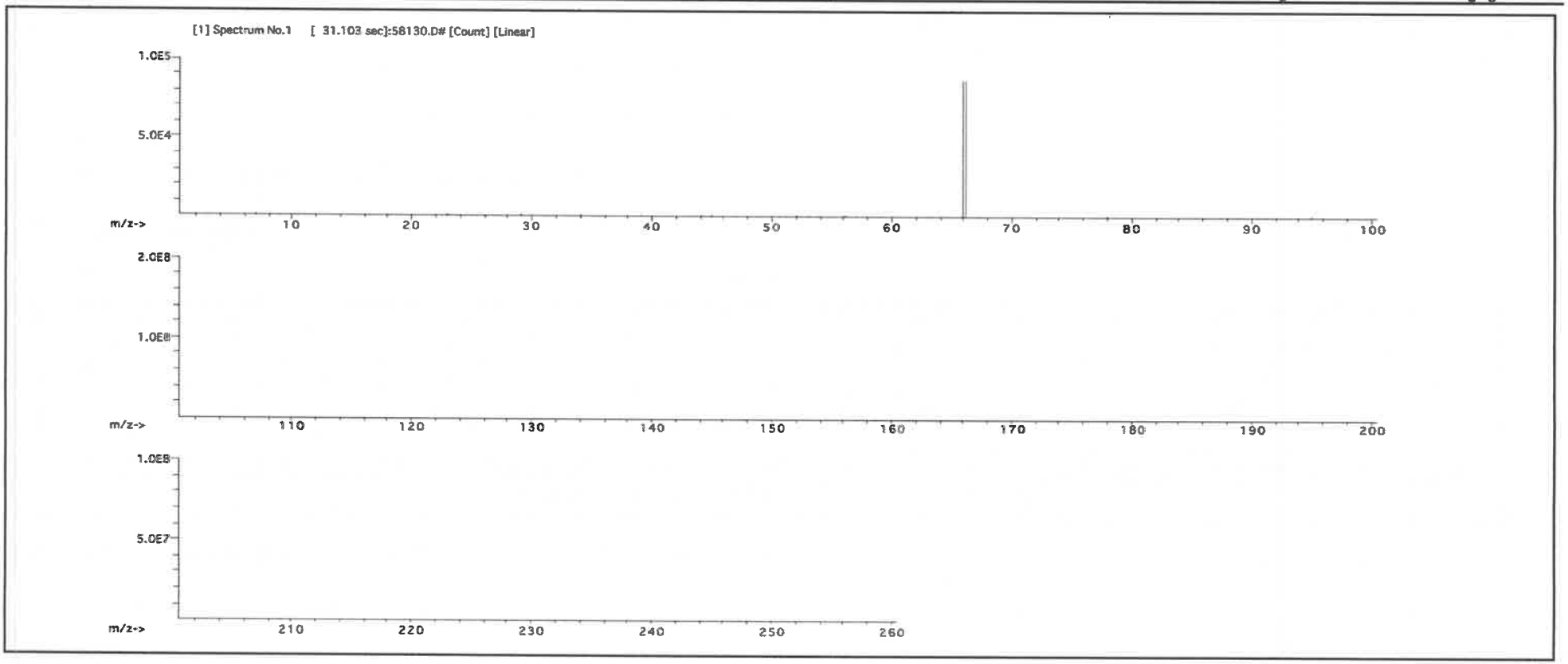
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
	2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5820

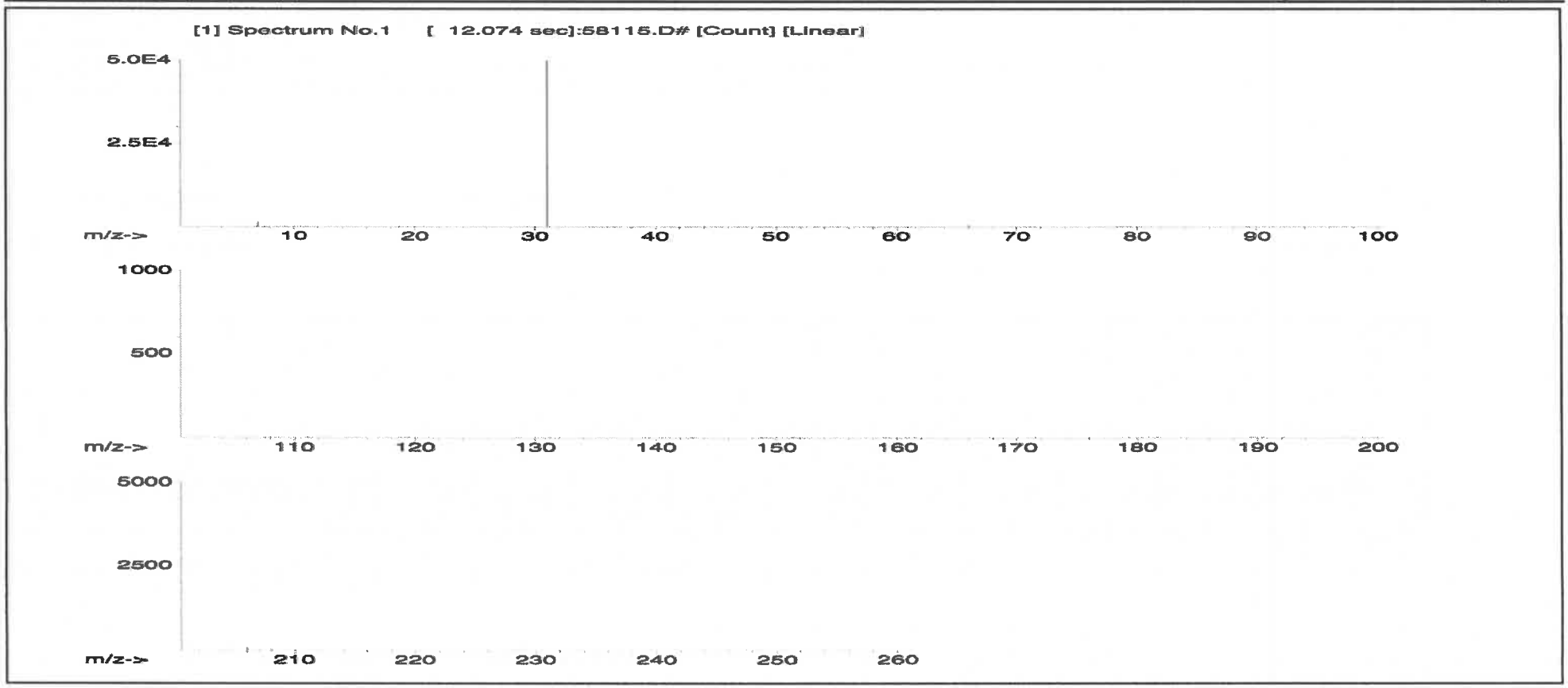
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CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5961 R: 6/11/24

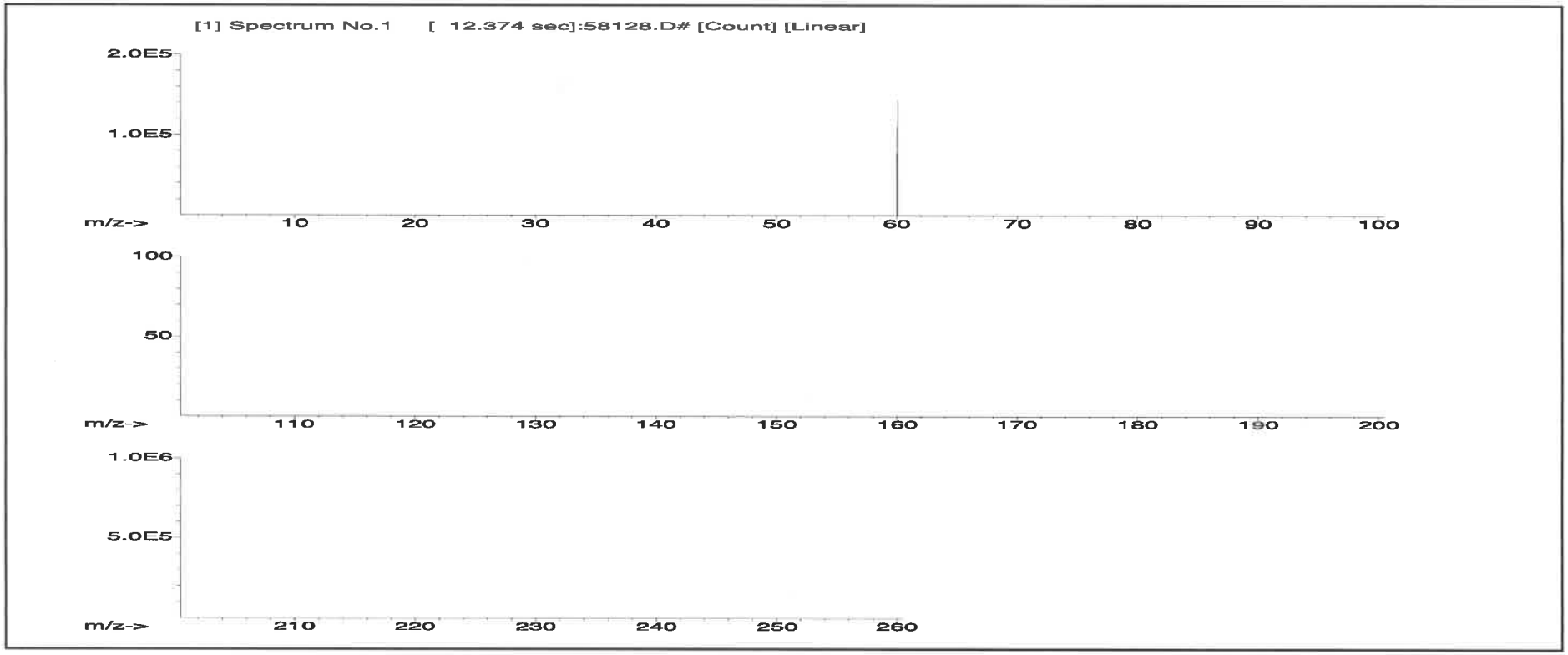
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CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57028**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**041124**			
Description:	**Nickel (Ni)**			
		2%	5.0 (mL)	Nitric Acid
Expiration Date:	041127			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	249.85	0.002	Flask Uncertainty	

Formulated By:	Brian Geddes	041124
Reviewed By:	Pedro L. Rentas	041124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Nickel(II) nitrate hexahydrate (Ni)	IN033	NIM052023A1	1000	99.999	0.10	20.2	1.2369	1.2369	**1000.0**	**2.0**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5962 R! 06/14/24.

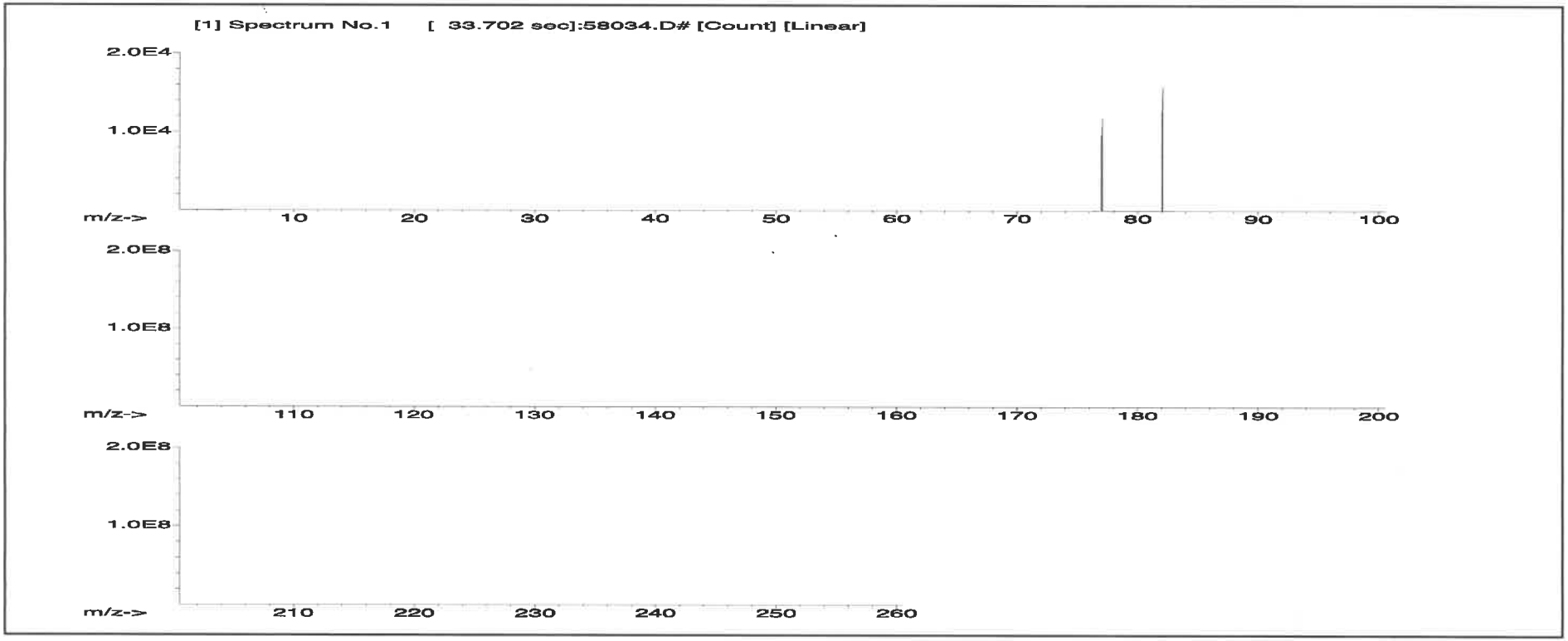
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certificate of Analysis

M5976, M5977
R: 02/22/24

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



M5978, M5979

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\ (u_{char\ i})^2]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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www.absolutestandards.com

Certified Reference Material CRM

H5981 R:6/11/24

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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57092	24002546	Nitric Acid	
Lot Number:	060724			
Description:	Uranium (U)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

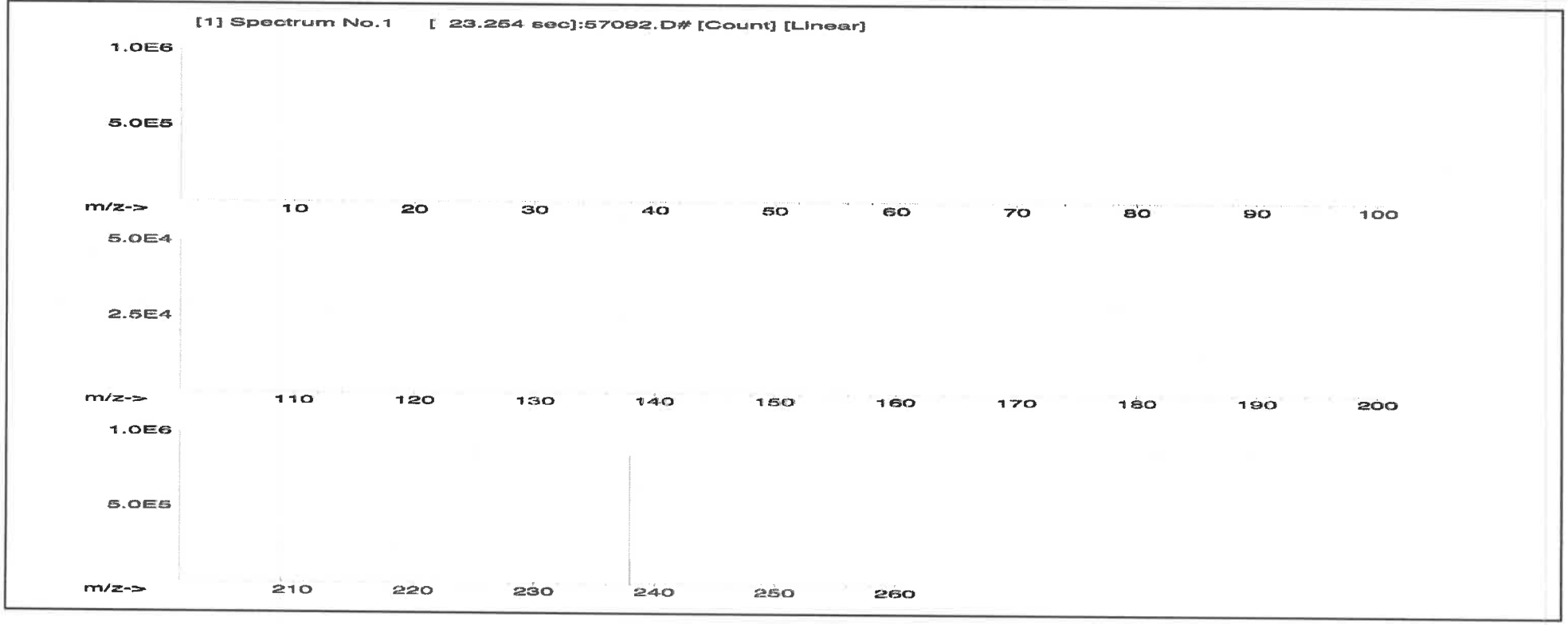
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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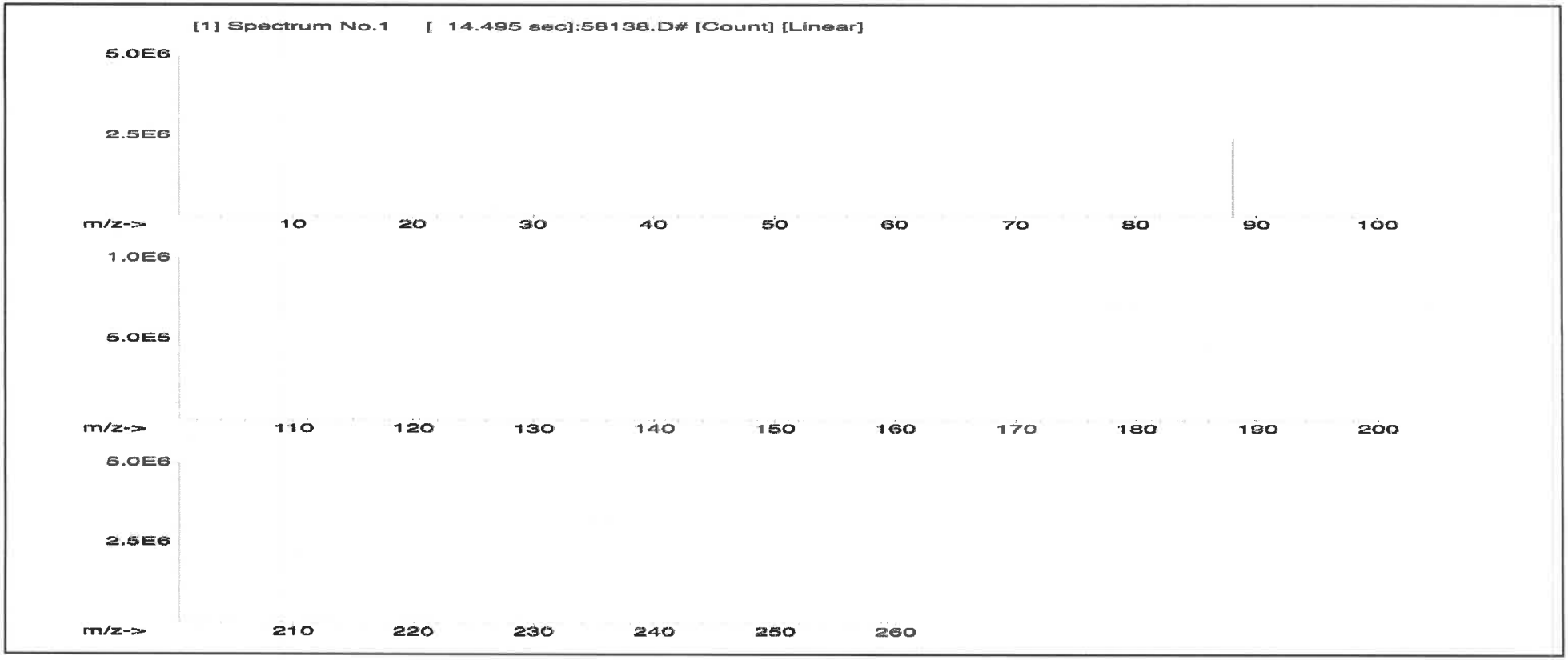
45982 R: 6/11/24

CERTIFIED WEIGHT REPORT:

Part Number:	**57038**		**Lot #**		
Lot Number:	**031524**	**Solvent:**	24002546	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	031527				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5983 R: 6/11/24

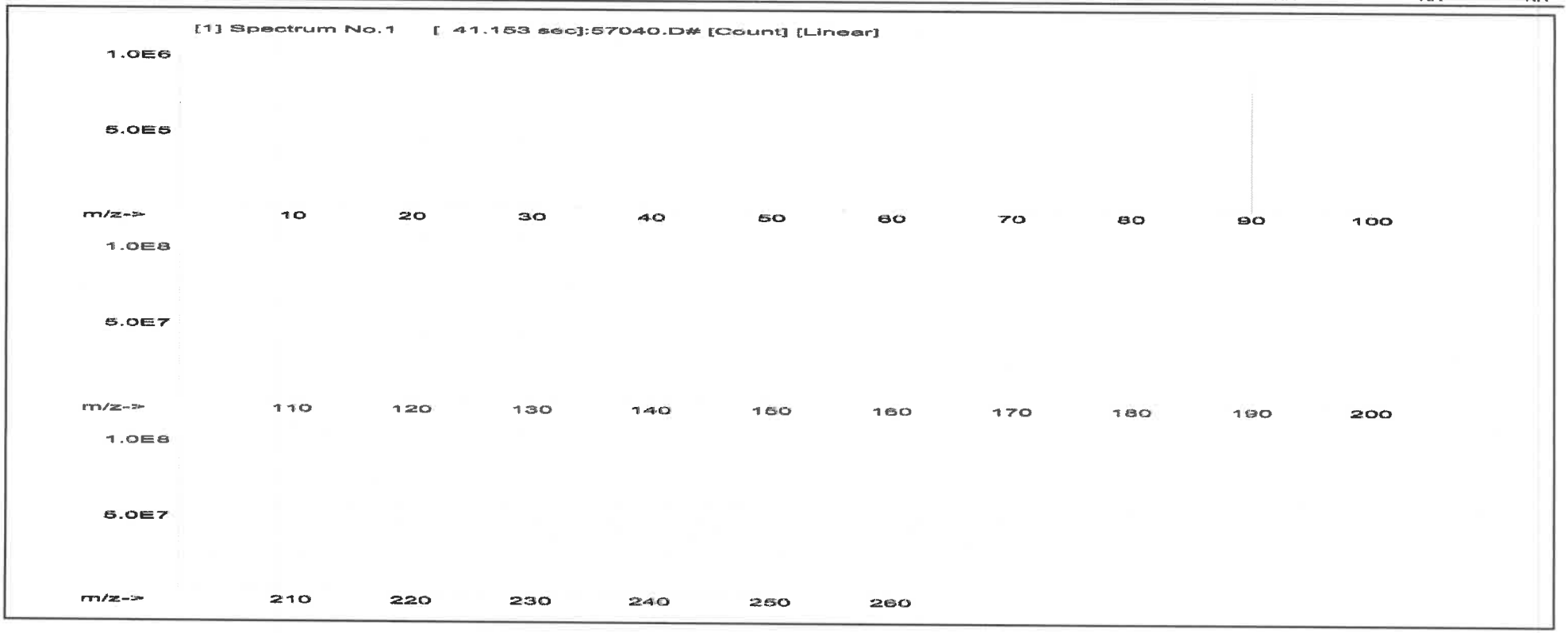
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57040**	21110221	Nitric Acid	
Lot Number:	**071423**			
Description:	**Zirconium (Zr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 01/03/24 M6033

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CERTIFIED WEIGHT REPORT:

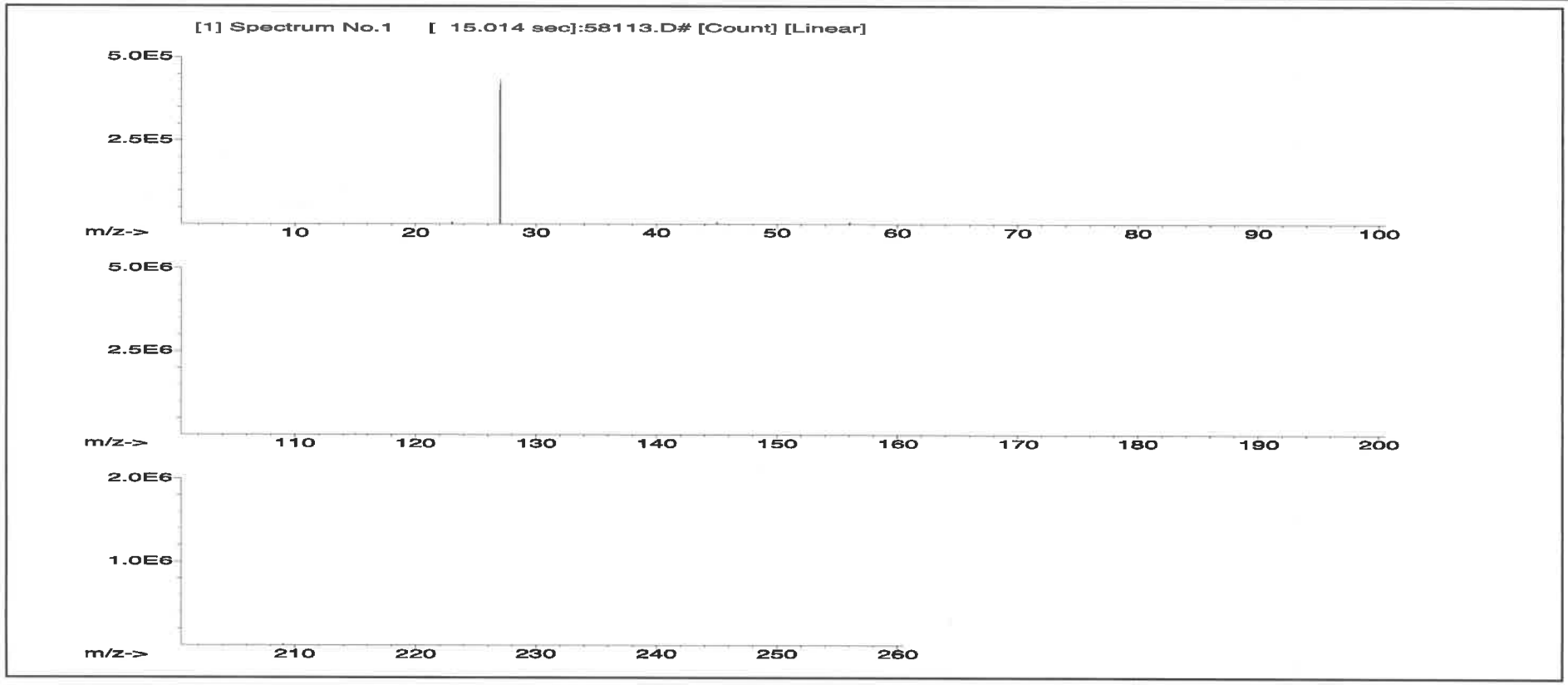
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Nitric Acid 69%
CMOS

Recv date: 1. 1. – 08/01/2023

M6034, M6037
M6035, M6038,
M6036,

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 – 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities – Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities – Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities – Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

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Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

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F: 540-585-3012
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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	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



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

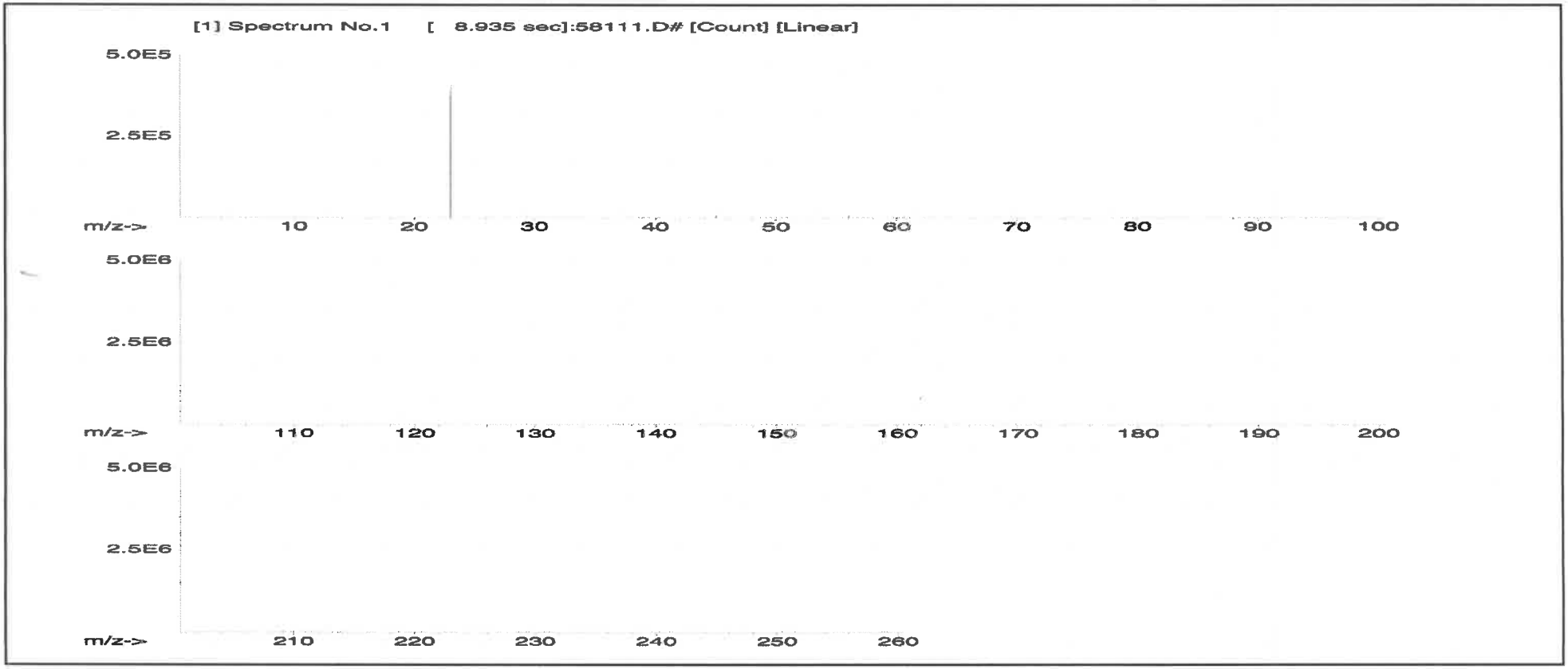
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

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).

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A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	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

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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.

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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.

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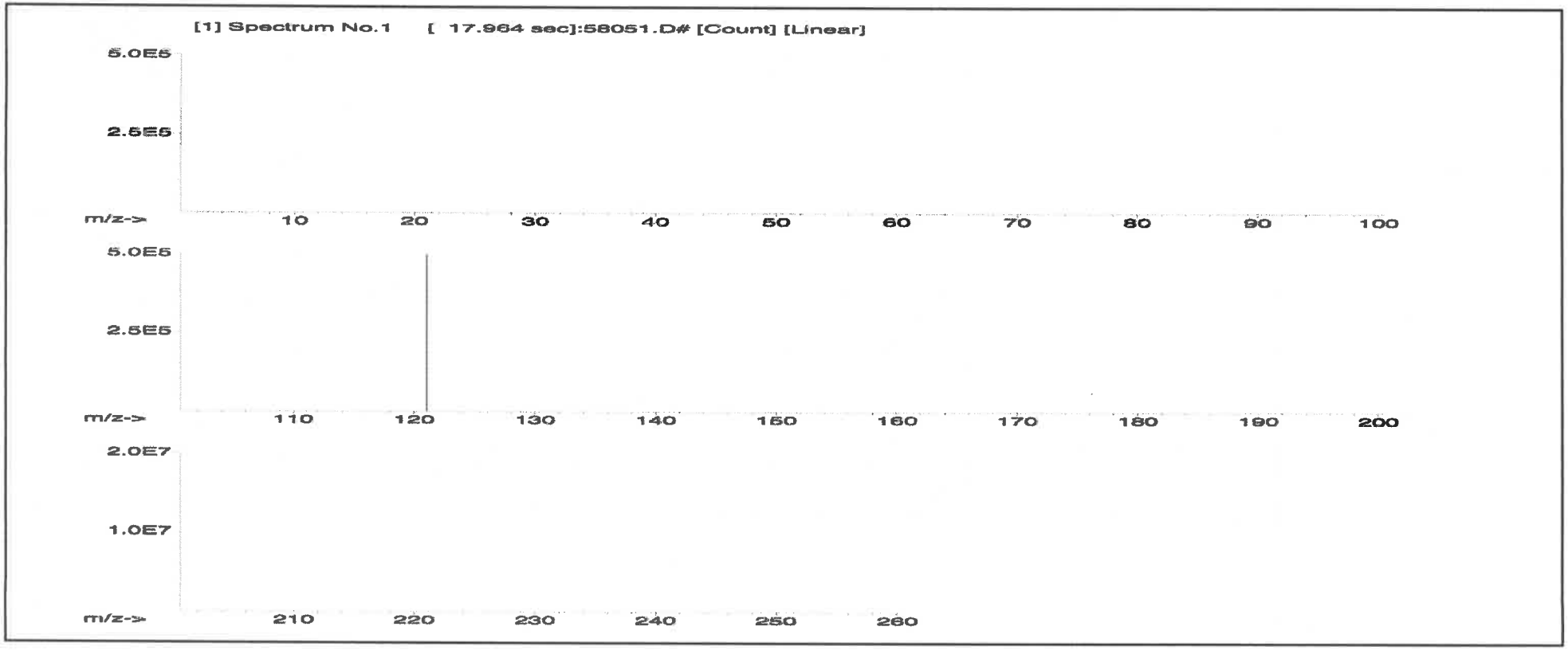
R: 01/03/24 M5802, M5803

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M6030

R: 8/5/24

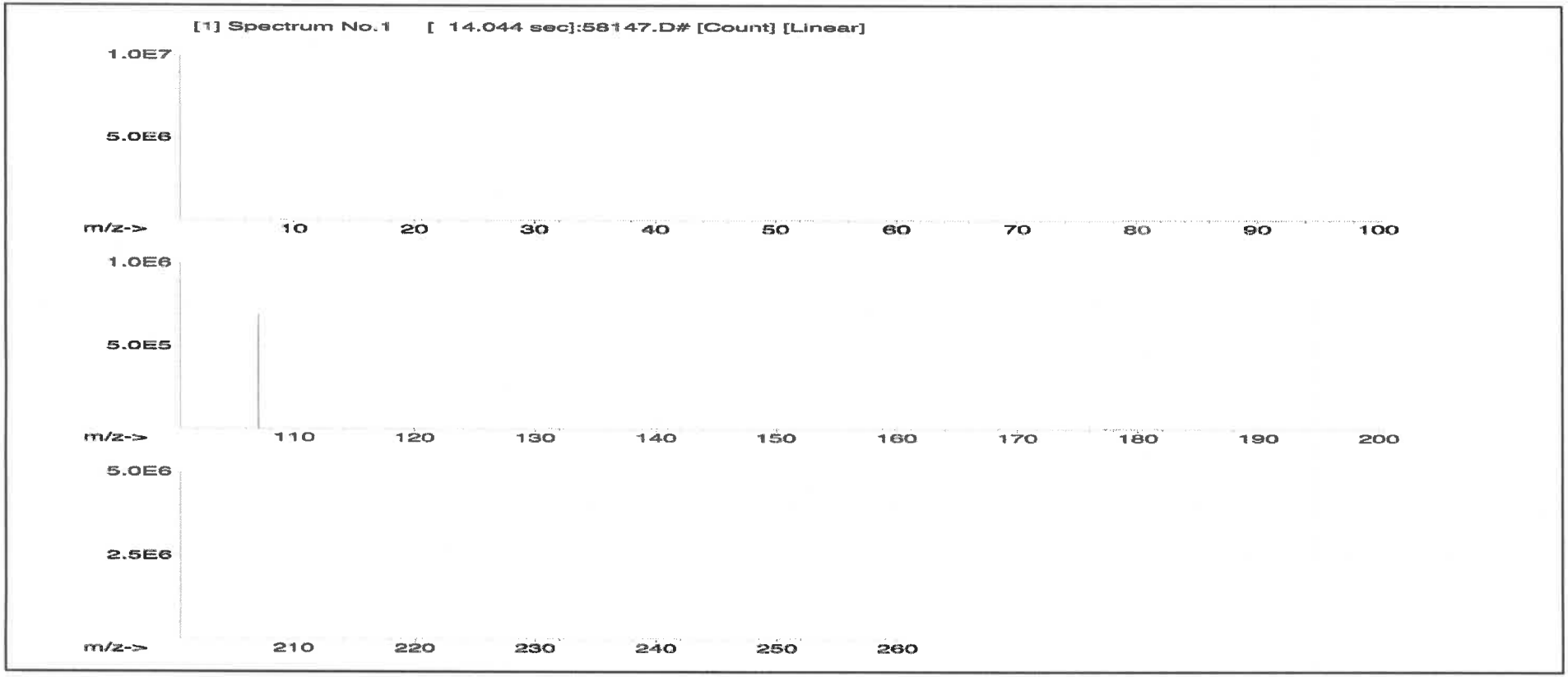
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CERTIFIED WEIGHT REPORT:

Part Number:	**57047**		**Lot #**		
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**	2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

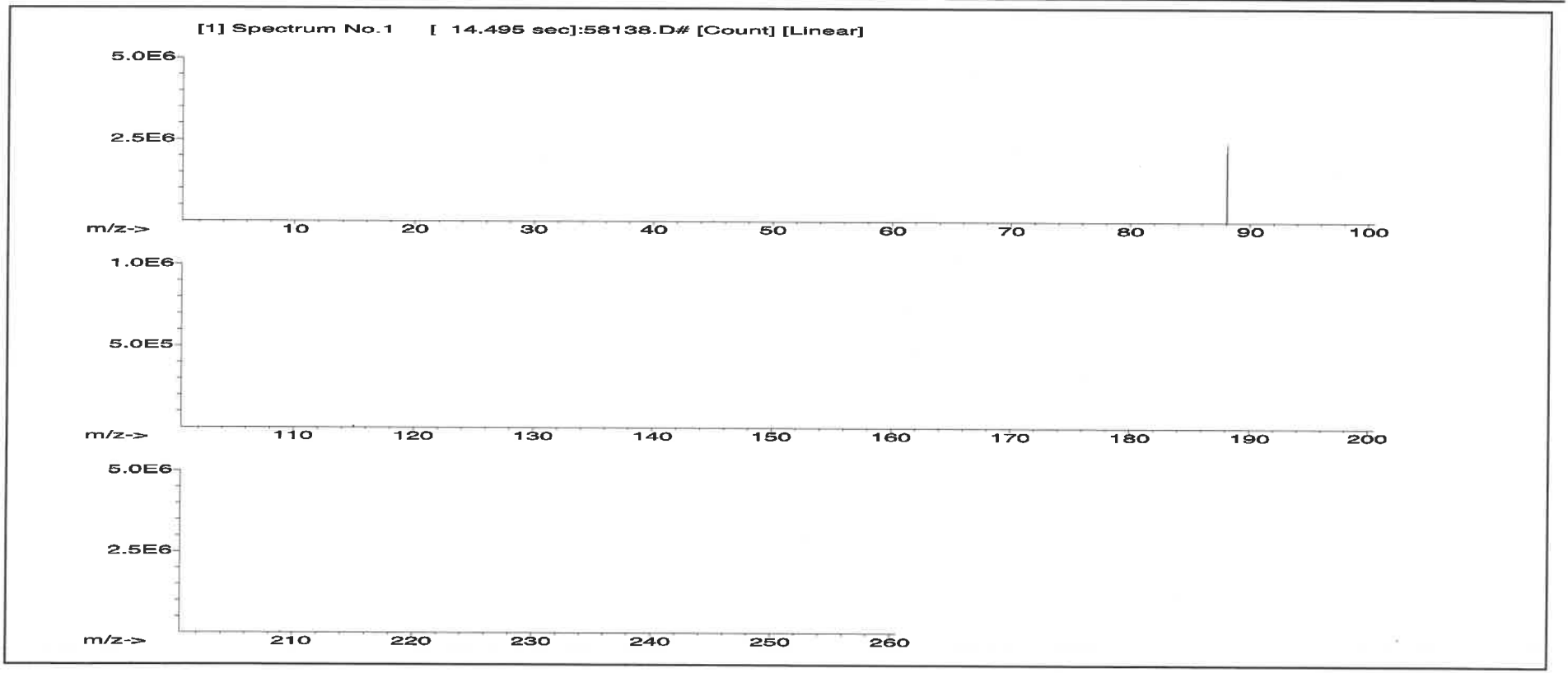
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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www.absolutestandards.com

Certified Reference Material CRM

R: 03/16/23 M5473, M5474, M5475, M5476

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

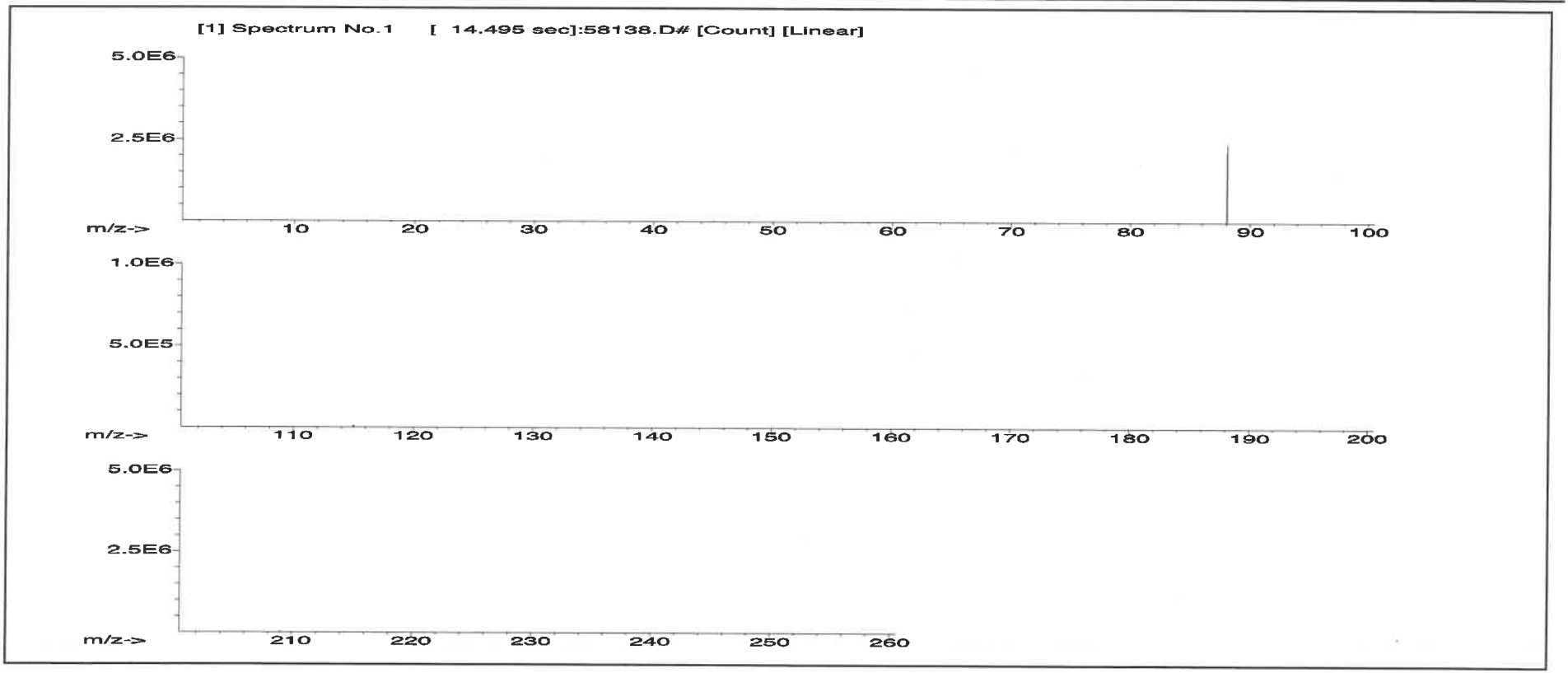
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R ! 8/5/24

M6023

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

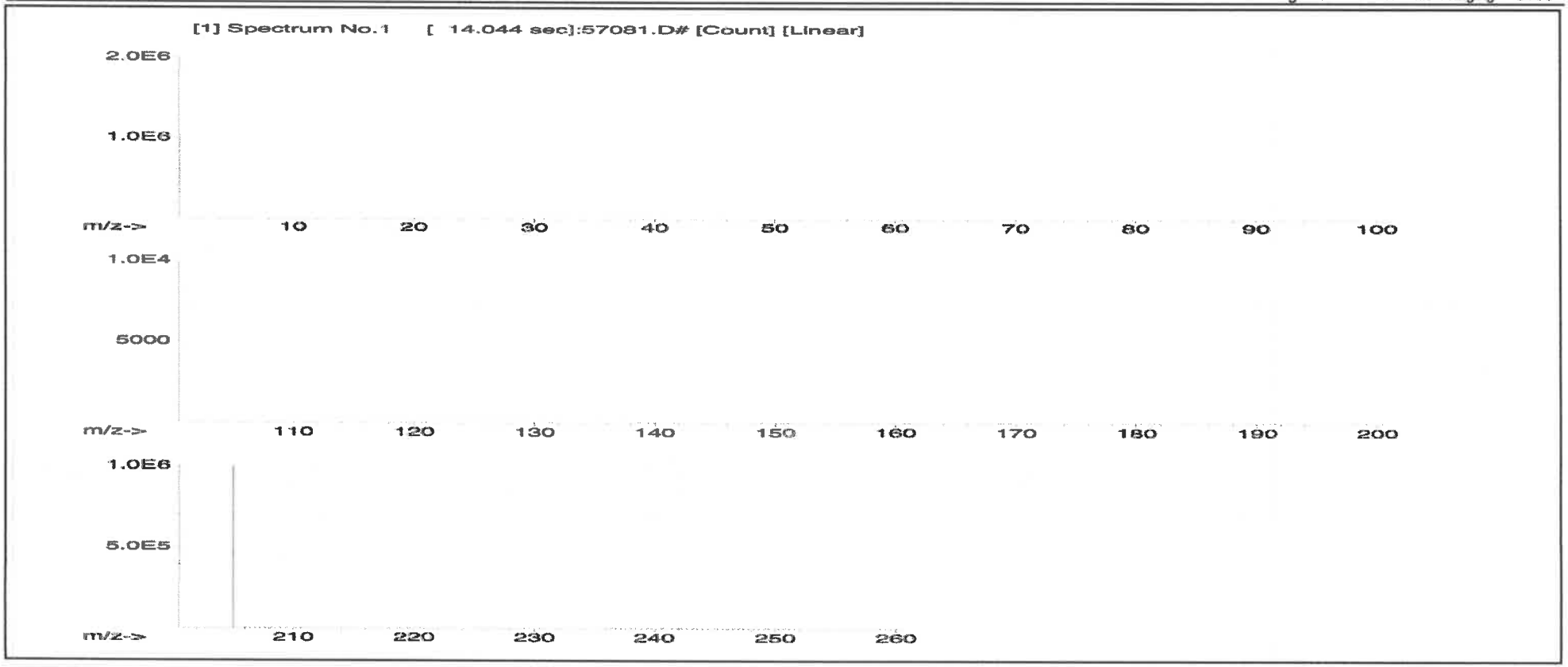
CERTIFIED WEIGHT REPORT:

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:

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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Certified Reference Material CRM

M6021

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Bc. 8/5/24

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**	24002546	Nitric Acid	
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

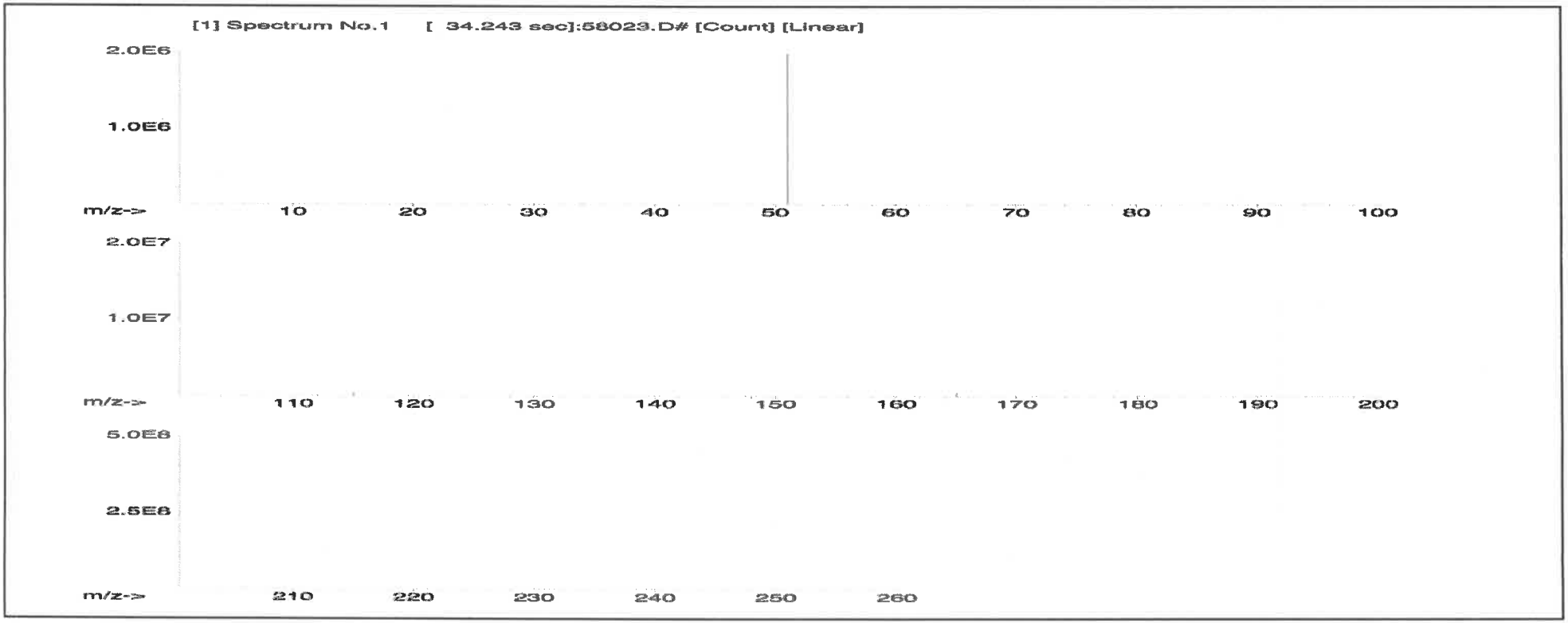
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

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* 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

PB163818

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYD5K6

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #3 2. N/A

Start Digest Date: 10/01/2024 **Time :** 12:00 **Temp :** 97 °C

End Digest Date: 10/01/2024 **Time :** 15:00 **Temp :** 97 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: jgp

Supervisor Signature:

Temp : 1. 97°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00mL	MP82583
LCSSD	0.50ml	MP82583
Spike Sol 1	0.3mL,0.3mL,0.027mL	M5565,M5657,M5962
Spike Sol 2	1.5mL,1.5mL,0.135mL	M5565,M5657,M5962
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00ml	MP81119
1:1 HCL	5.00ml	MP82127
CONC: HNO3	5.00ml	M6037
30% H2O2	3.00ml	M5634
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #3 CELL #34 : 97 C
For Spike Sol 1-0.3ml each M5565,M5657,0.027mL M5962
For Spike Sol 2-1.5mL each M5565,M5657,0.135mL M5962

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/1/24 15:30	jgp / Met dig	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163818

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P2828-01	MYD5H3	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	1
P2828-01MS	MYD5H3MS RE 10/11/24 JGP	N/A	1.35	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	2
~~P2828-01MSD~~	~~MYD5H3MSD~~	~~N/A~~	~~N/A~~	~~50~~	~~Brown~~	~~Yellow~~	~~Medium~~	~~N/A~~	~~N/A~~ 10/11/24 JGP	N/A
P2828-02	MYD5H3D	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	3
P2828-03	MYD5H3S	N/A	1.25	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	4
P2828-04	MYD5K6	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	5
P2828-05	MYD5K7	N/A	1.22	500	Brown	Yellow	Medium	N/A	N/A	6
P2828-06	MYD5K8	N/A	1.47	500	Brown	Yellow	Medium	N/A	N/A	7
P2828-07	MYD5K9	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	8
P2828-08	MYD5L0	N/A	1.38	500	Brown	Yellow	Medium	N/A	N/A	9
P2828-09	MYD4E6	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	10
P2828-10	MYD4E7	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	11
P2828-11	MYD4E8	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	12
P2828-12	MYD4E9	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	13
P2828-13	MYD4F0	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	14
P2828-14	MYD4F1	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	15
P2828-15	MYD4F2	N/A	1.39	500	Brown	Yellow	Medium	N/A	N/A	16
P2828-16	MYD4F3	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	17
P2828-17	MYD4F4	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	18
P2828-18	MYD4F5	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	19
P2828-19	MYD4F6	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	20
PB163818BL	PBS818	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	21
PB163818BS	LCS818	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	22
PB163818BSD	LCSD818	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	23

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 # LB133015

Review By	Sarabjit Jaswal	Review On	10/19/2024 2:11:54 AM
Supervise By	Mohan Bera	Supervise On	10/19/2024 2:12:32 AM

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	TUNE025	TUNE	10/18/24 10:30		Jaswal	OK
2	S00	S0	CAL1	10/18/24 11:46		Jaswal	OK
3	S02	S02	CAL3	10/18/24 11:49		Jaswal	OK
4	S03	S03	CAL4	10/18/24 11:53		Jaswal	OK
5	S04	S04	CAL5	10/18/24 11:56		Jaswal	OK
6	S05	S05	CAL6	10/18/24 11:59		Jaswal	OK
7	S06	S06	CAL7	10/18/24 12:02		Jaswal	OK
8	S07	S07	CAL8	10/18/24 12:05		Jaswal	OK
9	S08	S08	CAL9	10/18/24 12:08		Jaswal	OK
10	ICV025	ICV025	ICV	10/18/24 12:59	Inst. paused for calibration review	Jaswal	OK
11	ICB025	ICB025	ICB	10/18/24 13:16	Inst. paused for review	Jaswal	OK
12	ICSA025	ICSA025	ICSA	10/18/24 13:19		Jaswal	OK
13	ICSAB025	ICSAB025	ICSAB	10/18/24 13:23		Jaswal	OK
14	CCV094	CCV094	CCV	10/18/24 13:35	Inst. paused for review	Jaswal	OK
15	CCB094	CCB094	CCB	10/18/24 13:38		Jaswal	OK
16	P2816-01A	MYD4J8ARE	PS	10/18/24 13:52	PS For As - 0.014 ml MP82592-10 ml Sample	Jaswal	OK
17	P2823-01ADL	MYD5X1ARE	PS	10/18/24 14:06	PS For Ba,V - 0.015ml mp82610, 0.05ml mp82837 - 10 ml sample	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 # LB133015

Review By	Sarabjit Jaswal	Review On	10/19/2024 2:11:54 AM
Supervise By	Mohan Bera	Supervise On	10/19/2024 2:12:32 AM

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

18	P2824-01A	MYD5K5ARE	PS	10/18/24 14:09	PS For Se - 0.01ml mp82590-10ml sample	Jaswal	OK
19	P2827-10DL	MYD5Y3	SAM	10/18/24 14:23	4X For Ba,Co,Ni,V	Jaswal	Confirms
20	P2827-11DL	MYD5Y3D	DUP	10/18/24 14:26	4X For Ba,Co,Ni,V	Jaswal	Confirms
21	P2827-10LDL	MYD5Y3L	SD	10/18/24 14:29	20X For Ba,Co,Ni,V	Jaswal	Confirms
22	P2827-12DL	MYD5Y3S	MS	10/18/24 14:33	4X For Ba,Co,Ni,V	Jaswal	Confirms
23	P2827-10MSDL	MYD5Y3SRE	MS	10/18/24 14:36	4X For Ba,Co,Ni,V	Jaswal	Confirms
24	CCV095	CCV095	CCV	10/18/24 14:44		Jaswal	OK
25	CCB095	CCB095	CCB	10/18/24 14:50	Inst. paused for review	Jaswal	OK
26	PB163818BL	PBS818	MB	10/18/24 15:25		Jaswal	OK
27	PB163818BS	LCS818	LCS	10/18/24 15:29		Jaswal	OK
28	PB163818BSD	LCSD818	LCSD	10/18/24 15:32		Jaswal	OK
29	P2828-01	MYD5H3	SAM	10/18/24 15:55	Ba.Co,Ni,V High in MSRE	Jaswal	Dilution
30	P2828-02	MYD5H3D	DUP	10/18/24 15:58	Ba.Co,Ni,V High in MSRE	Jaswal	Dilution
31	P2828-01L	MYD5H3L	SD	10/18/24 16:01	Ba.Co,Ni,V High in MSRE	Jaswal	Dilution
32	P2828-03	MYD5H3S	MS	10/18/24 16:05	Ba.Co,Ni,V High in MSRE	Jaswal	Dilution
33	P2828-01MS	MYD5H3SRE	MS	10/18/24 16:08	MS Fail For PB(131.81ppb),Ba.Co,Ni,V High	Jaswal	Dilution
34	P2828-01DL	MYD5H3	SAM	10/18/24 16:11	4X For Ba,Co,Ni,V	Jaswal	Confirms
35	P2828-02DL	MYD5H3D	DUP	10/18/24 16:14	4X For Ba,Co,Ni,V	Jaswal	Confirms
36	P2828-01LDL	MYD5H3L	SD	10/18/24 16:18	20X For Ba,Co,Ni,V	Jaswal	Confirms

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 # LB133015

Review By	Sarabjit Jaswal	Review On	10/19/2024 2:11:54 AM
Supervise By	Mohan Bera	Supervise On	10/19/2024 2:12:32 AM

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

37	P2828-03DL	MYD5H3S	MS	10/18/24 16:21	4X For Ba,Co,Ni,V	Jaswal	Confirms
38	P2828-01MSDL	MYD5H3SRE	MS	10/18/24 16:25	4X For Ba,Co,Ni,V	Jaswal	Confirms
39	P2828-04	MYD5K6	SAM	10/18/24 16:28		Jaswal	OK
40	CCV096	CCV096	CCV	10/18/24 16:32		Jaswal	OK
41	CCB096	CCB096	CCB	10/18/24 16:35		Jaswal	OK
42	P2828-05	MYD5K7	SAM	10/18/24 16:38		Jaswal	OK
43	P2828-06	MYD5K8	SAM	10/18/24 16:42		Jaswal	OK
44	P2828-07	MYD5K9	SAM	10/18/24 16:45		Jaswal	OK
45	P2828-08	MYD5L0	SAM	10/18/24 16:48		Jaswal	OK
46	P2828-09	MYD4E6	SAM	10/18/24 16:51		Jaswal	OK
47	P2828-10	MYD4E7	SAM	10/18/24 16:55		Jaswal	OK
48	P2828-11	MYD4E8	SAM	10/18/24 16:58		Jaswal	OK
49	P2828-12	MYD4E9	SAM	10/18/24 17:01		Jaswal	OK
50	P2828-13	MYD4F0	SAM	10/18/24 17:05		Jaswal	OK
51	P2828-14	MYD4F1	SAM	10/18/24 17:08		Jaswal	OK
52	P2828-15	MYD4F2	SAM	10/18/24 17:11		Jaswal	OK
53	P2828-16	MYD4F3	SAM	10/18/24 17:14		Jaswal	OK
54	P2828-17	MYD4F4	SAM	10/18/24 17:18		Jaswal	OK
55	P2828-18	MYD4F5	SAM	10/18/24 17:21		Jaswal	OK
56	P2828-19	MYD4F6	SAM	10/18/24 17:24		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133015

Review By	Sarabjit Jaswal	Review On	10/19/2024 2:11:54 AM
Supervise By	Mohan Bera	Supervise On	10/19/2024 2:12:32 AM

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

57	P2828-04DL	MYD5K6	SAM	10/18/24 17:27	Not use	Jaswal	Not Ok
58	P2828-06DL	MYD5K8	SAM	10/18/24 17:31	Not use	Jaswal	Not Ok
59	P2828-08DL	MYD5L0	SAM	10/18/24 17:34	Not use	Jaswal	Not Ok
60	CCV097	CCV097	CCV	10/18/24 17:58		Jaswal	OK
61	CCB097	CCB097	CCB	10/18/24 18:01		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133019

Review By	Sarabjit Jaswal	Review On	10/21/2024 5:46:43 AM
Supervise By	Mohan Bera	Supervise On	10/21/2024 5:48:53 AM

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	MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE002	TUNE	10/20/24 15:50		Jaswal	OK
2	S00	S0	CAL1	10/20/24 16:36		Jaswal	OK
3	S02	S02	CAL3	10/20/24 16:40		Jaswal	OK
4	S03	S03	CAL4	10/20/24 16:43		Jaswal	OK
5	S04	S04	CAL5	10/20/24 16:47		Jaswal	OK
6	S05	S05	CAL6	10/20/24 17:19		Jaswal	OK
7	S06	S06	CAL7	10/20/24 17:22		Jaswal	OK
8	S07	S07	CAL8	10/20/24 17:25		Jaswal	OK
9	S08	S08	CAL9	10/20/24 17:28		Jaswal	OK
10	ICV002	ICV002	ICV	10/20/24 17:38	Inst. paused for calibration review	Jaswal	OK
11	ICB002	ICB002	ICB	10/20/24 17:42		Jaswal	OK
12	ICSA002	ICSA002	ICSA	10/20/24 17:45		Jaswal	OK
13	ICSAB002	ICSAB002	ICSAB	10/20/24 17:48		Jaswal	OK
14	CCV008	CCV008	CCV	10/20/24 17:55	Inst. paused for review	Jaswal	OK
15	CCB008	CCB008	CCB	10/20/24 18:02	Inst. paused for review	Jaswal	OK
16	PB163932BL	PBS932	MB	10/20/24 18:05		Jaswal	OK
17	PB163932BS	LCS932	LCS	10/20/24 18:09		Jaswal	OK
18	PB163934BL	PBS934	MB	10/20/24 18:16		Jaswal	OK

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STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

19	PB163932BSD	LCSD932	LCSD	10/20/24 18:19		Jaswal	OK
20	PB163934BS	LCS934	LCS	10/20/24 18:26		Jaswal	OK
21	PB163934BSD	LCSD934	LCSD	10/20/24 18:30		Jaswal	OK
22	PB163936BL	PBS936	MB	10/20/24 18:33		Jaswal	OK
23	PB163936BSD	LCSD936	LCSD	10/20/24 18:40		Jaswal	OK
24	PB163936BS	LCS936	LCS	10/20/24 18:44		Jaswal	OK
25	PB163938BL	PBS938	MB	10/20/24 18:47		Jaswal	OK
26	PB163938BS	LCS938	LCS	10/20/24 18:51		Jaswal	OK
27	PB163938BSD	LCSD938	LCSD	10/20/24 18:54		Jaswal	OK
28	P4248-01	MYD9Q1	SAM	10/20/24 18:58		Jaswal	OK
29	P4248-02	MYD9Q2	SAM	10/20/24 19:01		Jaswal	OK
30	P4248-03	MYD9Q3	SAM	10/20/24 19:05		Jaswal	OK
31	P4248-04	MYD9Q4	SAM	10/20/24 19:08		Jaswal	OK
32	P4248-05	MYD9Q5	SAM	10/20/24 19:11		Jaswal	OK
33	P4248-06	MYD9Q6	SAM	10/20/24 19:15		Jaswal	OK
34	P4248-07	MYD9Q7	SAM	10/20/24 19:18		Jaswal	OK
35	P4248-08	MYD9Q8	SAM	10/20/24 19:22		Jaswal	OK
36	P4248-09	MYD9Q9	SAM	10/20/24 19:25		Jaswal	OK
37	CCV009	CCV009	CCV	10/20/24 19:29		Jaswal	OK
38	CCB009	CCB009	CCB	10/20/24 19:35	Inst. paused for review	Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/21/2024 5:48:53 AM

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	MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

39	P4248-10	MYD9R0	SAM	10/20/24 19:39		Jaswal	OK
40	P4248-11	MYD9R1	SAM	10/20/24 19:42		Jaswal	OK
41	P4248-12	MYD9R2	SAM	10/20/24 19:45		Jaswal	OK
42	P4248-14	MYD9R4	SAM	10/20/24 19:52		Jaswal	OK
43	P4248-15	MYD9R5	SAM	10/20/24 19:56		Jaswal	OK
44	P4248-13	MYD9R3	SAM	10/20/24 19:59		Jaswal	OK
45	P4248-16	MYD9R6	SAM	10/20/24 20:02		Jaswal	OK
46	P4248-17	MYD9R7	SAM	10/20/24 20:06		Jaswal	OK
47	P4248-18	MYD9R8	SAM	10/20/24 20:09		Jaswal	OK
48	P4248-19	MYD9R9	SAM	10/20/24 20:13		Jaswal	OK
49	P4250-01	MYD9S1	SAM	10/20/24 20:16		Jaswal	OK
50	P4250-02	MYD9S2	SAM	10/20/24 20:19		Jaswal	OK
51	P4250-03	MYD9S3	SAM	10/20/24 20:23		Jaswal	OK
52	P4250-04	MYD9S4	SAM	10/20/24 20:26		Jaswal	OK
53	P4250-05	MYD9S5	SAM	10/20/24 20:30		Jaswal	OK
54	P4250-06	MYD9S6	SAM	10/20/24 20:33		Jaswal	OK
55	P4250-07	MYD9S7	SAM	10/20/24 20:36		Jaswal	OK
56	P4250-08	MYD9S8	SAM	10/20/24 20:40		Jaswal	OK
57	P4250-09	MYD9S9	SAM	10/20/24 20:43		Jaswal	OK
58	P4250-10	MYD9T0	SAM	10/20/24 20:47		Jaswal	OK

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ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

59	P4250-11	MYD9T1	SAM	10/20/24 20:50		Jaswal	OK
60	P4250-12	MYD9T2	SAM	10/20/24 20:53		Jaswal	OK
61	P4250-13	MYD9T3	SAM	10/20/24 20:57		Jaswal	OK
62	P4250-14	MYD9T4	SAM	10/20/24 21:00		Jaswal	OK
63	P4250-15	MYD9T5	SAM	10/20/24 21:04		Jaswal	OK
64	P4250-16	MYD9T6	SAM	10/20/24 21:07		Jaswal	OK
65	CCV010	CCV010	CCV	10/20/24 21:11		Jaswal	OK
66	CCB010	CCB010	CCB	10/20/24 21:16		Jaswal	OK
67	P4250-20	MYD9T8	SAM	10/20/24 21:20	Not Use	Jaswal	Not Ok
68	P4250-21	MYD9T9	SAM	10/20/24 21:23	Not Use	Jaswal	Not Ok
69	P4250-22	MYD9W0	SAM	10/20/24 21:27	Not Use	Jaswal	Not Ok
70	P4251-02	MYD9W2	SAM	10/20/24 21:33	Not Use	Jaswal	Not Ok
71	P4251-01	MYD9W1	SAM	10/20/24 21:44	Not Use	Jaswal	Not Ok
72	P4251-03	MYD9W3	SAM	10/20/24 21:48	Not Use	Jaswal	Not Ok
73	P4251-04	MYD9W4	SAM	10/20/24 21:51	Not Use	Jaswal	Not Ok
74	P4251-05	MYD9W5	SAM	10/20/24 21:55	Not Use	Jaswal	Not Ok
75	P4251-06	MYD9W6	SAM	10/20/24 21:58	Not Use	Jaswal	Not Ok
76	P4251-07	MYD9W7	SAM	10/20/24 22:01	Not Use	Jaswal	Not Ok
77	P4251-08	MYD9W8	SAM	10/20/24 22:05	Not Use	Jaswal	Not Ok
78	P4251-12	MYD9Y8	SAM	10/20/24 22:08	Not Use	Jaswal	Not Ok

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

79	P4251-14	MYD9Z0	SAM	10/20/24 22:15	Not Use	Jaswal	Not Ok
80	P4251-16	MYD9Z2	SAM	10/20/24 22:22	Not Use	Jaswal	Not Ok
81	P4251-13	MYD9Y9	SAM	10/20/24 22:26	Not Use	Jaswal	Not Ok
82	P4251-15	MYD9Z1	SAM	10/20/24 22:29	Not Use	Jaswal	Not Ok
83	P4251-17	MYD9Z3	SAM	10/20/24 22:33	Not Use	Jaswal	Not Ok
84	P4251-18	MYD9Z4	SAM	10/20/24 22:36	Not Use	Jaswal	Not Ok
85	P4251-19	MYD9Z5	SAM	10/20/24 22:39	Not Use	Jaswal	Not Ok
86	P4251-20	MYD9Z6	SAM	10/20/24 22:43	Not Use	Jaswal	Not Ok
87	P4251-21	MYD9Z7	SAM	10/20/24 22:46	Not Use	Jaswal	Not Ok
88	P4251-22	MYD9Z8	SAM	10/20/24 22:50	Not Use	Jaswal	Not Ok
89	P4252-01	MYD9X0	SAM	10/20/24 22:53	Not Use	Jaswal	Not Ok
90	P4252-02	MYD9X1	SAM	10/20/24 22:57	Not Use	Jaswal	Not Ok
91	P4252-03	MYD9X2	SAM	10/20/24 23:00	Not Use	Jaswal	Not Ok
92	CCV011	CCV011	CCV	10/20/24 23:07	Ag Fail	Jaswal	OK
93	CCB011	CCB011	CCB	10/20/24 23:14	Inst. paused for review	Jaswal	OK
94	P2828-01A	MYD5H3ARE	PS	10/20/24 23:58	PS for Pb - 0.026ml = MP82593	Jaswal	OK
95	CCV012	CCV012	CCV	10/21/24 00:10		Jaswal	OK
96	CCB012	CCB012	CCB	10/21/24 00:31	Inst. paused for review	Jaswal	OK