EPA SAMPLE NO.

MYD0W8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-01

% Solids: 95.7 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.48	J	10/24/2024	1503
7440-38-2	Arsenic	67	*	10/24/2024	1503
7440-39-3	Barium	68	*	10/24/2024	1503
7440-41-7	Beryllium	0.45	*	10/24/2024	1503
7440-43-9	Cadmium	0.18	J	10/24/2024	1503
7440-47-3	Chromium	56		10/24/2024	1503
7440-48-4	Cobalt	29	*	10/24/2024	1503
7440-50-8	Copper	62	*	10/24/2024	1503
7439-92-1	Lead	4.0		10/24/2024	1503
7440-02-0	Nickel	39	*	10/24/2024	1503
7782-49-2	Selenium	0.42	J	10/24/2024	1503
7440-22-4	Silver	0.065	J*	10/24/2024	1503
7440-28-0	Thallium	0.039	J	10/24/2024	1503
7440-62-2	Vanadium	170	*	10/24/2024	1503
7440-66-6	Zinc	91	*	10/24/2024	1503

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

Comments:

EPA SAMPLE NO.

MYD0W9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-02

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	4.2		10/24/2024	1506
7440-38-2	Arsenic	54	*	10/24/2024	1506
7440-39-3	Barium	56	*	10/24/2024	1506
7440-41-7	Beryllium	0.34	J*	10/24/2024	1506
7440-43-9	Cadmium	0.13	J	10/24/2024	1506
7440-47-3	Chromium	37		10/24/2024	1506
7440-48-4	Cobalt	23	*	10/24/2024	1506
7440-50-8	Copper	42	*	10/24/2024	1506
7439-92-1	Lead	2.6		10/24/2024	1506
7440-02-0	Nickel	29	*	10/24/2024	1506
7782-49-2	Selenium	0.28	J	10/24/2024	1506
7440-22-4	Silver	0.38	U*	10/24/2024	1506
7440-28-0	Thallium	0.031	J	10/24/2024	1506
7440-62-2	Vanadium	150	*	10/24/2024	1506
7440-66-6	Zinc	65	*	10/24/2024	1506

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

Comments:

EPA SAMPLE NO.

MYD0X0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-03

% Solids: 95.5 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.47	J	10/24/2024	1509
7440-38-2	Arsenic	67	*	10/24/2024	1509
7440-39-3	Barium	56	*	10/24/2024	1509
7440-41-7	Beryllium	0.59	*	10/24/2024	1509
7440-43-9	Cadmium	0.15	J	10/24/2024	1509
7440-47-3	Chromium	40		10/24/2024	1509
7440-48-4	Cobalt	26	*	10/24/2024	1509
7440-50-8	Copper	45	*	10/24/2024	1509
7439-92-1	Lead	2.2		10/24/2024	1509
7440-02-0	Nickel	29	*	10/24/2024	1509
7782-49-2	Selenium	0.35	J	10/24/2024	1509
7440-22-4	Silver	0.36	U*	10/24/2024	1509
7440-28-0	Thallium	0.029	J	10/24/2024	1509
7440-62-2	Vanadium	150	*	10/24/2024	1509
7440-66-6	Zinc	92	*	10/24/2024	1509

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

Comments:

EPA SAMPLE NO.

MYD0Y2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-04

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.0		10/24/2024	1512
7440-38-2	Arsenic	81	*	10/24/2024	1512
7440-39-3	Barium	290	*	10/24/2024	1512
7440-41-7	Beryllium	0.37	J*	10/24/2024	1512
7440-43-9	Cadmium	0.48		10/24/2024	1512
7440-47-3	Chromium	54		10/24/2024	1512
7440-48-4	Cobalt	30	*	10/24/2024	1512
7440-50-8	Copper	90	*	10/24/2024	1512
7439-92-1	Lead	22		10/24/2024	1512
7440-02-0	Nickel	35	*	10/24/2024	1512
7782-49-2	Selenium	1.9	U	10/24/2024	1512
7440-22-4	Silver	0.094	J*	10/24/2024	1512
7440-28-0	Thallium	0.064	J	10/24/2024	1512
7440-62-2	Vanadium	120	*	10/24/2024	1512
7440-66-6	Zinc	110	*	10/24/2024	1512

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

Comments:

EPA SAMPLE NO.

MYD0Y3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-05

% Solids: 96.1 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2		10/25/2024	1642
7440-38-2	Arsenic	120	*	10/25/2024	1642
7440-39-3	Barium	200	*	10/25/2024	1642
7440-41-7	Beryllium	0.48	J*	10/25/2024	1642
7440-43-9	Cadmium	0.33	J	10/25/2024	1642
7440-47-3	Chromium	92		10/25/2024	1642
7440-48-4	Cobalt	48	*	10/25/2024	1642
7440-50-8	Copper	140	*	10/25/2024	1642
7439-92-1	Lead	19		10/25/2024	1642
7440-02-0	Nickel	58	*	10/25/2024	1642
7782-49-2	Selenium	0.32	J	10/25/2024	1642
7440-22-4	Silver	0.084	J*	10/25/2024	1642
7440-28-0	Thallium	0.079	J	10/25/2024	1642
7440-62-2	Vanadium	180	*	10/25/2024	1642
7440-66-6	Zinc	100	*	10/25/2024	1642

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

Comments:

EPA SAMPLE NO.

MYD0Y4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-06

% Solids: 95.1 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.6		10/24/2024	1518
7440-38-2	Arsenic	75	*	10/24/2024	1518
7440-39-3	Barium	49	*	10/24/2024	1518
7440-41-7	Beryllium	0.27	J*	10/24/2024	1518
7440-43-9	Cadmium	0.093	J	10/24/2024	1518
7440-47-3	Chromium	100		10/24/2024	1518
7440-48-4	Cobalt	50	*	10/24/2024	1518
7440-50-8	Copper	140	*	10/24/2024	1518
7439-92-1	Lead	1.9		10/24/2024	1518
7440-02-0	Nickel	64	*	10/24/2024	1518
7782-49-2	Selenium	0.30	J	10/24/2024	1518
7440-22-4	Silver	0.44	U*	10/24/2024	1518
7440-28-0	Thallium	0.44	U	10/24/2024	1518
7440-62-2	Vanadium	150	*	10/24/2024	1518
7440-66-6	Zinc	76	*	10/24/2024	1518

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

Comments:

EPA SAMPLE NO.

MYD0Y5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-07

% Solids: 95 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1		10/24/2024	1522
7440-38-2	Arsenic	95	*	10/24/2024	1522
7440-39-3	Barium	97	D*	10/24/2024	1804
7440-41-7	Beryllium	0.35	J*	10/24/2024	1522
7440-43-9	Cadmium	0.12	J	10/24/2024	1522
7440-47-3	Chromium	96		10/24/2024	1522
7440-48-4	Cobalt	51	D*	10/24/2024	1804
7440-50-8	Copper	130	*	10/24/2024	1522
7439-92-1	Lead	4.5		10/24/2024	1522
7440-02-0	Nickel	71	D*	10/24/2024	1804
7782-49-2	Selenium	2.2	U	10/24/2024	1522
7440-22-4	Silver	0.43	U*	10/24/2024	1522
7440-28-0	Thallium	0.43	U	10/24/2024	1522
7440-62-2	Vanadium	200	D*	10/24/2024	1804
7440-66-6	Zinc	81	*	10/24/2024	1522

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

Comments:

EPA SAMPLE NO.

MYD0Y9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-10

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.3		10/24/2024	1547
7440-38-2	Arsenic	93	*	10/24/2024	1547
7440-39-3	Barium	280	*	10/24/2024	1547
7440-41-7	Beryllium	0.59	*	10/24/2024	1547
7440-43-9	Cadmium	0.75		10/24/2024	1547
7440-47-3	Chromium	33		10/24/2024	1547
7440-48-4	Cobalt	32	*	10/24/2024	1547
7440-50-8	Copper	110	*	10/24/2024	1547
7439-92-1	Lead	23		10/24/2024	1547
7440-02-0	Nickel	47	*	10/24/2024	1547
7782-49-2	Selenium	0.52	J	10/24/2024	1547
7440-22-4	Silver	0.15	J*	10/24/2024	1547
7440-28-0	Thallium	0.093	J	10/24/2024	1547
7440-62-2	Vanadium	76	*	10/24/2024	1547
7440-66-6	Zinc	140	*	10/24/2024	1547

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

Comments:

EPA SAMPLE NO.

MYD0Z0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-11

% Solids: 95.5 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.4		10/24/2024	1550
7440-38-2	Arsenic	110	*	10/24/2024	1550
7440-39-3	Barium	270	*	10/24/2024	1550
7440-41-7	Beryllium	0.86	*	10/24/2024	1550
7440-43-9	Cadmium	0.29	J	10/24/2024	1550
7440-47-3	Chromium	33		10/24/2024	1550
7440-48-4	Cobalt	33	*	10/24/2024	1550
7440-50-8	Copper	89	*	10/24/2024	1550
7439-92-1	Lead	42		10/24/2024	1550
7440-02-0	Nickel	46	*	10/24/2024	1550
7782-49-2	Selenium	0.69	J	10/24/2024	1550
7440-22-4	Silver	0.12	J*	10/24/2024	1550
7440-28-0	Thallium	0.086	J	10/24/2024	1550
7440-62-2	Vanadium	77	*	10/24/2024	1550
7440-66-6	Zinc	130	*	10/24/2024	1550

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

Comments:

EPA SAMPLE NO.

MYD0Z1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-12

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.0		10/24/2024	1553
7440-38-2	Arsenic	63	*	10/24/2024	1553
7440-39-3	Barium	190	*	10/24/2024	1553
7440-41-7	Beryllium	0.50	*	10/24/2024	1553
7440-43-9	Cadmium	0.16	J	10/24/2024	1553
7440-47-3	Chromium	19		10/24/2024	1553
7440-48-4	Cobalt	25	*	10/24/2024	1553
7440-50-8	Copper	50	*	10/24/2024	1553
7439-92-1	Lead	7.2		10/24/2024	1553
7440-02-0	Nickel	30	*	10/24/2024	1553
7782-49-2	Selenium	0.36	J	10/24/2024	1553
7440-22-4	Silver	0.039	J*	10/24/2024	1553
7440-28-0	Thallium	0.050	J	10/24/2024	1553
7440-62-2	Vanadium	41	*	10/24/2024	1553
7440-66-6	Zinc	120	*	10/24/2024	1553

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

Comments:

EPA SAMPLE NO.

MYDA43

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-13

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.77	J	10/24/2024	1556
7440-38-2	Arsenic	66	*	10/24/2024	1556
7440-39-3	Barium	230	*	10/24/2024	1556
7440-41-7	Beryllium	0.69	*	10/24/2024	1556
7440-43-9	Cadmium	0.55		10/24/2024	1556
7440-47-3	Chromium	54		10/24/2024	1556
7440-48-4	Cobalt	28	*	10/24/2024	1556
7440-50-8	Copper	100	*	10/24/2024	1556
7439-92-1	Lead	20		10/24/2024	1556
7440-02-0	Nickel	50	*	10/24/2024	1556
7782-49-2	Selenium	0.47	J	10/24/2024	1556
7440-22-4	Silver	0.11	J*	10/24/2024	1556
7440-28-0	Thallium	0.12	J	10/24/2024	1556
7440-62-2	Vanadium	150	*	10/24/2024	1556
7440-66-6	Zinc	120	*	10/24/2024	1556

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

Comments:

EPA SAMPLE NO.

MYDA44

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-14

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.93		10/24/2024	1559
7440-38-2	Arsenic	78	*	10/24/2024	1559
7440-39-3	Barium	200	*	10/24/2024	1559
7440-41-7	Beryllium	0.53	*	10/24/2024	1559
7440-43-9	Cadmium	0.58		10/24/2024	1559
7440-47-3	Chromium	70		10/24/2024	1559
7440-48-4	Cobalt	32	*	10/24/2024	1559
7440-50-8	Copper	110	*	10/24/2024	1559
7439-92-1	Lead	23		10/24/2024	1559
7440-02-0	Nickel	46	*	10/24/2024	1559
7782-49-2	Selenium	0.31	J	10/24/2024	1559
7440-22-4	Silver	0.16	J*	10/24/2024	1559
7440-28-0	Thallium	0.092	J	10/24/2024	1559
7440-62-2	Vanadium	150	*	10/24/2024	1559
7440-66-6	Zinc	110	*	10/24/2024	1559

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

Comments:

EPA SAMPLE NO.

MYDA45

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-15

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.55	J	10/24/2024	1602
7440-38-2	Arsenic	58	*	10/24/2024	1602
7440-39-3	Barium	240	*	10/24/2024	1602
7440-41-7	Beryllium	0.65	*	10/24/2024	1602
7440-43-9	Cadmium	0.61		10/24/2024	1602
7440-47-3	Chromium	48		10/24/2024	1602
7440-48-4	Cobalt	27	*	10/24/2024	1602
7440-50-8	Copper	100	*	10/24/2024	1602
7439-92-1	Lead	22		10/24/2024	1602
7440-02-0	Nickel	47	*	10/24/2024	1602
7782-49-2	Selenium	0.28	J	10/24/2024	1602
7440-22-4	Silver	0.30	J*	10/24/2024	1602
7440-28-0	Thallium	0.093	J	10/24/2024	1602
7440-62-2	Vanadium	150	*	10/24/2024	1602
7440-66-6	Zinc	93	*	10/24/2024	1602

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

Comments:

EPA SAMPLE NO.

MYDA46

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-16

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.65	J	10/24/2024	1606
7440-38-2	Arsenic	75	*	10/24/2024	1606
7440-39-3	Barium	230	*	10/24/2024	1606
7440-41-7	Beryllium	0.72	*	10/24/2024	1606
7440-43-9	Cadmium	0.65		10/24/2024	1606
7440-47-3	Chromium	55		10/24/2024	1606
7440-48-4	Cobalt	30	*	10/24/2024	1606
7440-50-8	Copper	110	*	10/24/2024	1606
7439-92-1	Lead	22		10/24/2024	1606
7440-02-0	Nickel	52	*	10/24/2024	1606
7782-49-2	Selenium	0.38	J	10/24/2024	1606
7440-22-4	Silver	0.11	J*	10/24/2024	1606
7440-28-0	Thallium	0.099	J	10/24/2024	1606
7440-62-2	Vanadium	170	*	10/24/2024	1606
7440-66-6	Zinc	110	*	10/24/2024	1606

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

Comments:

EPA SAMPLE NO.

MYDA47

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-17

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2		10/24/2024	1609
7440-38-2	Arsenic	92	*	10/24/2024	1609
7440-39-3	Barium	410	*	10/24/2024	1609
7440-41-7	Beryllium	0.96	*	10/24/2024	1609
7440-43-9	Cadmium	1.1		10/24/2024	1609
7440-47-3	Chromium	83		10/24/2024	1609
7440-48-4	Cobalt	41	*	10/24/2024	1609
7440-50-8	Copper	150	*	10/24/2024	1609
7439-92-1	Lead	41		10/24/2024	1609
7440-02-0	Nickel	70	*	10/24/2024	1609
7782-49-2	Selenium	0.45	J	10/24/2024	1609
7440-22-4	Silver	0.21	J*	10/24/2024	1609
7440-28-0	Thallium	0.18	J	10/24/2024	1609
7440-62-2	Vanadium	180	*	10/24/2024	1609
7440-66-6	Zinc	160	*	10/24/2024	1609

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

Comments:

EPA SAMPLE NO.

MYDA48

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-18

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.5		10/24/2024	1612
7440-38-2	Arsenic	64	*	10/24/2024	1612
7440-39-3	Barium	240	*	10/24/2024	1612
7440-41-7	Beryllium	0.63	*	10/24/2024	1612
7440-43-9	Cadmium	0.74		10/24/2024	1612
7440-47-3	Chromium	60		10/24/2024	1612
7440-48-4	Cobalt	30	*	10/24/2024	1612
7440-50-8	Copper	120	*	10/24/2024	1612
7439-92-1	Lead	27		10/24/2024	1612
7440-02-0	Nickel	44	*	10/24/2024	1612
7782-49-2	Selenium	0.31	J	10/24/2024	1612
7440-22-4	Silver	0.22	J*	10/24/2024	1612
7440-28-0	Thallium	0.13	J	10/24/2024	1612
7440-62-2	Vanadium	120	*	10/24/2024	1612
7440-66-6	Zinc	110	*	10/24/2024	1612

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

Comments:

EPA SAMPLE NO.

MYDA49

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-19

% Solids: 98.9 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.98		10/24/2024	1615
7440-38-2	Arsenic	74	*	10/24/2024	1615
7440-39-3	Barium	180	*	10/24/2024	1615
7440-41-7	Beryllium	0.59	*	10/24/2024	1615
7440-43-9	Cadmium	0.41		10/24/2024	1615
7440-47-3	Chromium	67		10/24/2024	1615
7440-48-4	Cobalt	28	*	10/24/2024	1615
7440-50-8	Copper	85	*	10/24/2024	1615
7439-92-1	Lead	19		10/24/2024	1615
7440-02-0	Nickel	46	*	10/24/2024	1615
7782-49-2	Selenium	0.35	J	10/24/2024	1615
7440-22-4	Silver	0.10	J*	10/24/2024	1615
7440-28-0	Thallium	0.10	J	10/24/2024	1615
7440-62-2	Vanadium	130	*	10/24/2024	1615
7440-66-6	Zinc	100	*	10/24/2024	1615

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

Comments:

EPA SAMPLE NO.

MYDA50

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-20

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.71	J	10/24/2024	1618
7440-38-2	Arsenic	49	*	10/24/2024	1618
7440-39-3	Barium	200	*	10/24/2024	1618
7440-41-7	Beryllium	0.52	*	10/24/2024	1618
7440-43-9	Cadmium	0.45		10/24/2024	1618
7440-47-3	Chromium	53		10/24/2024	1618
7440-48-4	Cobalt	23	*	10/24/2024	1618
7440-50-8	Copper	73	*	10/24/2024	1618
7439-92-1	Lead	17		10/24/2024	1618
7440-02-0	Nickel	38	*	10/24/2024	1618
7782-49-2	Selenium	1.9	U	10/24/2024	1618
7440-22-4	Silver	0.11	J*	10/24/2024	1618
7440-28-0	Thallium	0.10	J	10/24/2024	1618
7440-62-2	Vanadium	110	*	10/24/2024	1618
7440-66-6	Zinc	89	*	10/24/2024	1618

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

Comments:

EPA SAMPLE NO.

MYDA51

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-21

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.75	J	10/24/2024	1621
7440-38-2	Arsenic	71	*	10/24/2024	1621
7440-39-3	Barium	270	*	10/24/2024	1621
7440-41-7	Beryllium	0.70	*	10/24/2024	1621
7440-43-9	Cadmium	0.48		10/24/2024	1621
7440-47-3	Chromium	64		10/24/2024	1621
7440-48-4	Cobalt	31	*	10/24/2024	1621
7440-50-8	Copper	86	*	10/24/2024	1621
7439-92-1	Lead	17		10/24/2024	1621
7440-02-0	Nickel	51	*	10/24/2024	1621
7782-49-2	Selenium	0.32	J	10/24/2024	1621
7440-22-4	Silver	0.12	J*	10/24/2024	1621
7440-28-0	Thallium	0.14	J	10/24/2024	1621
7440-62-2	Vanadium	130	*	10/24/2024	1621
7440-66-6	Zinc	110	*	10/24/2024	1621

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

Comments:

EPA SAMPLE NO.

MYDA52

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYD0W8

Matrix: SOIL Lab Sample ID: P4296-22

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2		10/24/2024	1624
7440-38-2	Arsenic	84	*	10/24/2024	1624
7440-39-3	Barium	330	*	10/24/2024	1624
7440-41-7	Beryllium	0.80	*	10/24/2024	1624
7440-43-9	Cadmium	0.87		10/24/2024	1624
7440-47-3	Chromium	74		10/24/2024	1624
7440-48-4	Cobalt	35	*	10/24/2024	1624
7440-50-8	Copper	120	*	10/24/2024	1624
7439-92-1	Lead	29		10/24/2024	1624
7440-02-0	Nickel	57	*	10/24/2024	1624
7782-49-2	Selenium	0.43	J	10/24/2024	1624
7440-22-4	Silver	0.19	J*	10/24/2024	1624
7440-28-0	Thallium	0.15	J	10/24/2024	1624
7440-62-2	Vanadium	160	*	10/24/2024	1624
7440-66-6	Zinc	140	*	10/24/2024	1624

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

Comments:

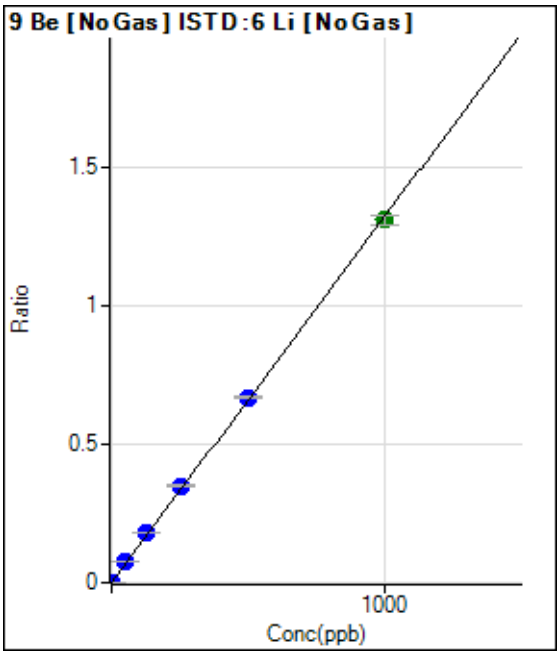
Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

Calibration for 190LLCC.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102424-MS4.b\
Analysis File: P7102424-MS4.batch.bin
DA Date-Time: 2024-10-25 02:08:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-24 12:20:50
2	005CALS.d	S02	2024-10-24 12:24:07
3	006CALS.d	S03	2024-10-24 12:27:25
4	007CALS.d	S04	2024-10-24 12:30:25
5	008CALS.d	S05	2024-10-24 12:33:18
6	009CALS.d	S06	2024-10-24 12:36:03
7	010CALS.d	S07	2024-10-24 12:38:50
8	011CALS.d	S08	2024-10-24 12:41:36

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7



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1	☐	0.000	0.000	32.38	0.0000	P	51.6
2	☐	1.000	1.060	2375.11	0.0014	P	4.0
3	☐	50.000	56.377	127093.18	0.0744	P	1.5
4	☐	125.000	135.222	309468.82	0.1784	P	0.8
5	☐	250.000	264.391	611488.21	0.3487	P	1.1
6	☐	500.000	506.152	1187428.29	0.6676	P	0.9
7	☐	1000.000	991.730	2285124.15	1.3080	A	2.4
8	☐			325.22	0.0002	P	39.8

y = 0.0013 * x + 1.9748E-005

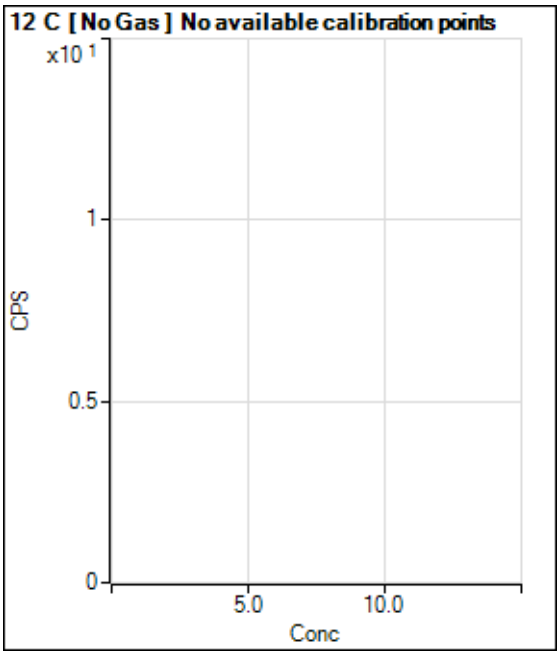
R = 0.9998

DL = 0.02316

BEC = 0.01497

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
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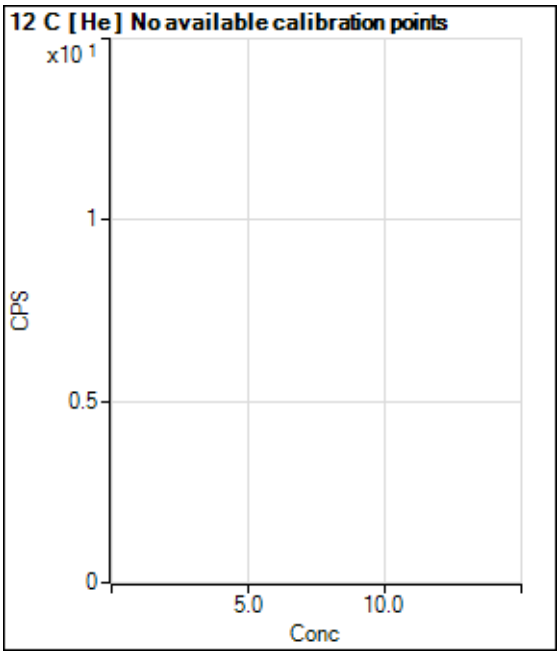
Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7



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3	☐						
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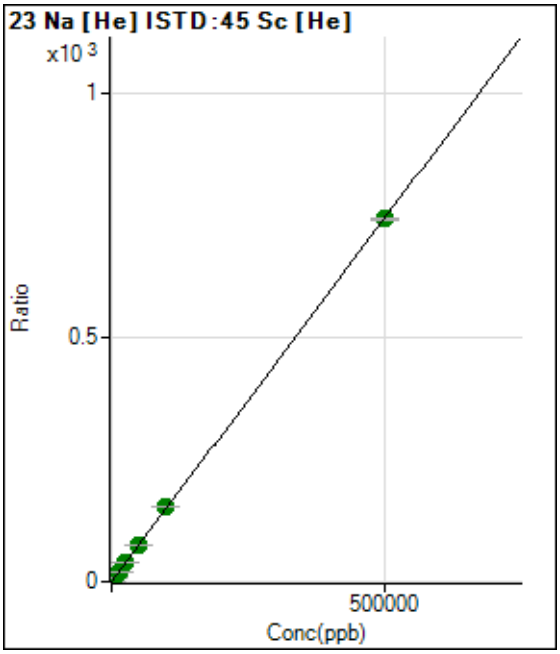

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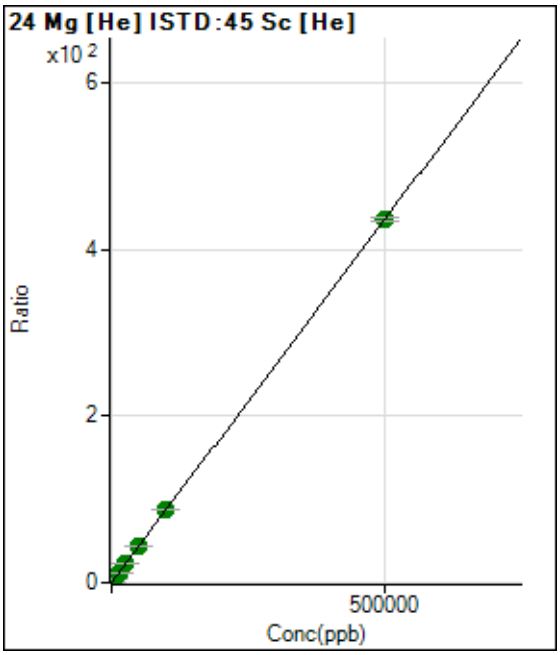
1	☐	0.000	0.000	46985.86	0.0702	P	0.1
2	☐	500.000	506.553	551014.09	0.8222	P	0.9
3	☐	5000.000	5270.588	5252302.35	7.8944	A	0.8
4	☐	12500.000	13189.611	12361017.18	19.6503	A	0.6
5	☐	25000.000	25855.171	24225686.03	38.4524	A	0.3
6	☐	50000.000	50621.145	47294169.85	75.2176	A	0.5
7	☐	100000.00	102733.77	96532229.67	152.5792	A	0.8
8	☐	500000.00	499328.42	469691059.67	741.3269	A	0.8

y = 0.0015 * x + 0.0702
R = 1.0000
DL = 0.2006
BEC = 47.28

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7



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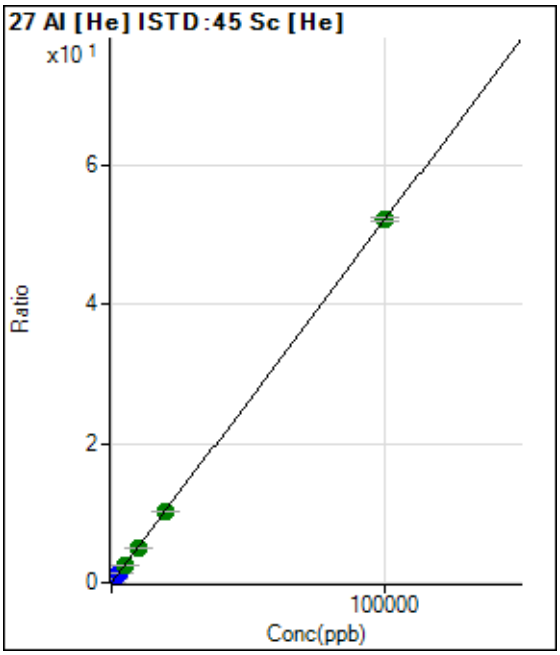
1	☐	0.000	0.000	1486.75	0.0022	P	5.1
2	☐	500.000	533.173	313118.86	0.4672	P	0.2
3	☐	5000.000	5175.588	3004484.78	4.5158	A	0.9
4	☐	12500.000	12965.428	7114176.56	11.3092	A	0.3
5	☐	25000.000	25251.041	13875089.52	22.0232	A	0.2
6	☐	50000.000	49586.204	27191512.93	43.2456	A	0.1
7	☐	100000.00	100058.31	55211368.62	87.2615	A	1.2
8	☐	500000.00	500003.74	276268644.77	436.0474	A	1.1

y = 8.7208E-004 * x + 0.0022
R = 1.0000
DL = 0.3895
BEC = 2.547

Weight: <None>
Min Conc: 0



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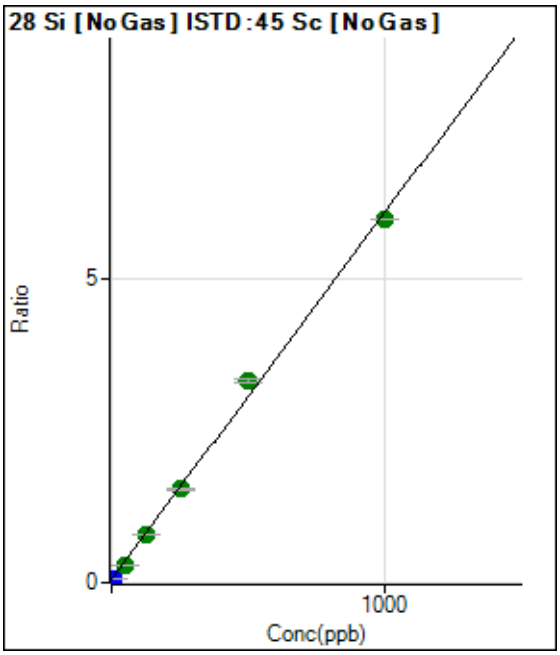
1	☐	0.000	0.000	572.24	0.0009	P	3.0
2	☐	20.000	21.214	7979.91	0.0119	P	2.1
3	☐	1000.000	1110.459	385436.05	0.5794	P	0.5
4	☐	2500.000	2617.478	858339.61	1.3645	P	0.4
5	☐	5000.000	4947.293	1624362.72	2.5783	A	0.5
6	☐	10000.000	9737.590	3190275.20	5.0739	A	0.6
7	☐	20000.000	19607.172	6463211.78	10.2157	A	0.5
8	☐	100000.00	100103.40	33042578.95	52.1520	A	1.0

y = 5.2097E-004 * x + 8.5489E-004
R = 1.0000
DL = 0.1463
BEC = 1.641

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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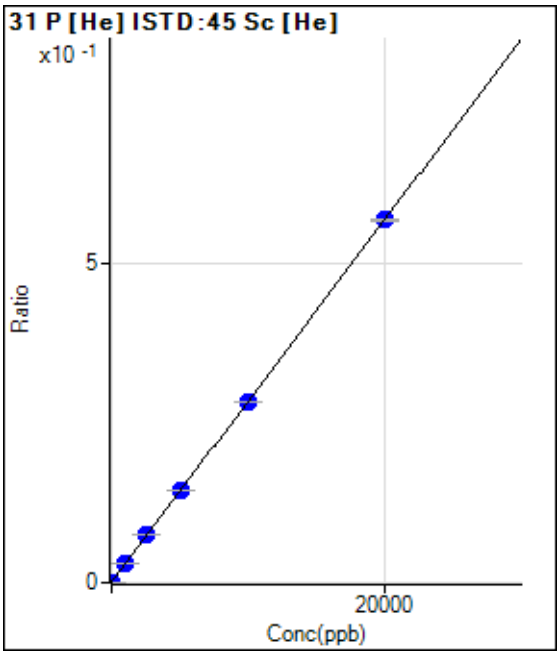
2	☐	10.000	0.883	414276.99	0.0578	P	0.6
3	☐	50.000	38.884	2092808.44	0.2872	A	0.2
4	☐	125.000	121.186	5393913.77	0.7840	A	0.8
5	☐	250.000	248.095	10453567.76	1.5500	A	2.0
6	☐	500.000	541.593	22649912.44	3.3216	A	1.4
7	☐	1000.000	980.803	41262236.05	5.9727	A	0.1
8	☐			428611.54	0.0637	P	1.6

y = 0.0060 * x + 0.0525
R = 0.9985
DL = 0.09237
BEC = 8.698

Weight: <None>
Min Conc: 0

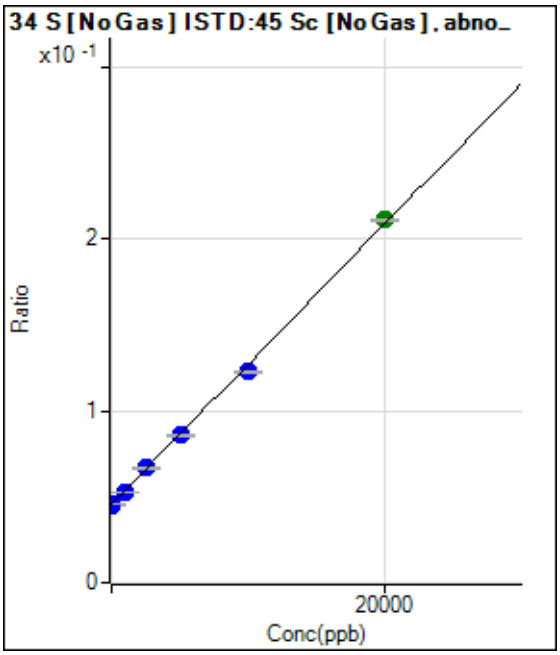


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-13.617	232.22	0.0003	P	2.4
2	☐	0.000	13.617	748.91	0.0011	P	7.6
3	☐	1000.000	1053.954	20321.32	0.0305	P	1.0
4	☐	2500.000	2612.295	46948.43	0.0746	P	1.1
5	☐	5000.000	5042.103	90323.11	0.1434	P	0.6
6	☐	10000.000	9931.302	177111.93	0.2817	P	0.2
7	☐	20000.000	20007.089	358544.39	0.5667	P	0.4
8	☐			308.90	0.0005	P	2.0

y = 2.8289E-005 * x + 7.3214E-004
R = 1.0000
DL = 4.973
BEC = 25.88

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-58.754	321156.01	0.0450	P	0.6
2	☐	0.000	58.754	329352.10	0.0460	P	0.4
3	☐	1000.000	877.096	383616.10	0.0526	P	0.4
4	☐	2500.000	2584.557	457953.04	0.0666	P	0.7
5	☐	5000.000	4914.743	577047.59	0.0856	P	0.6
6	☐	10000.000	9469.642	836569.45	0.1227	P	0.6
7	☐	20000.000	20282.069	1456304.88	0.2108	A	0.7
8	☐			246030.06	0.0366	P	1.1

y = 8.1502E-006 * x + 0.0455

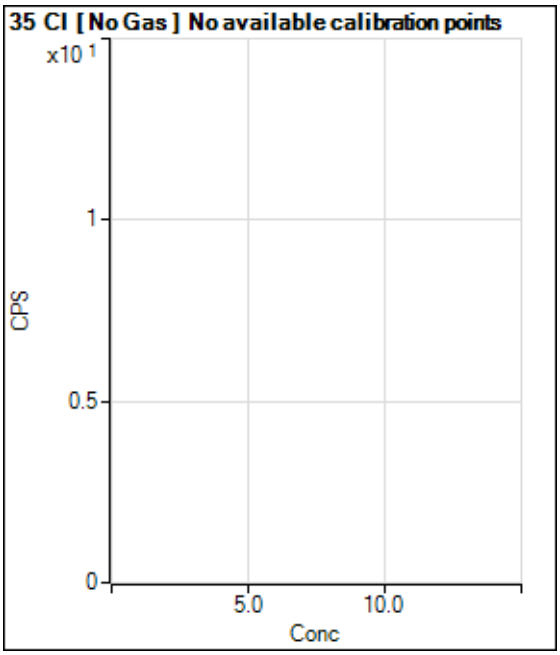
R = 0.9994

DL = 76.74

BEC = 5583

Weight: <None>

Min Conc: 0



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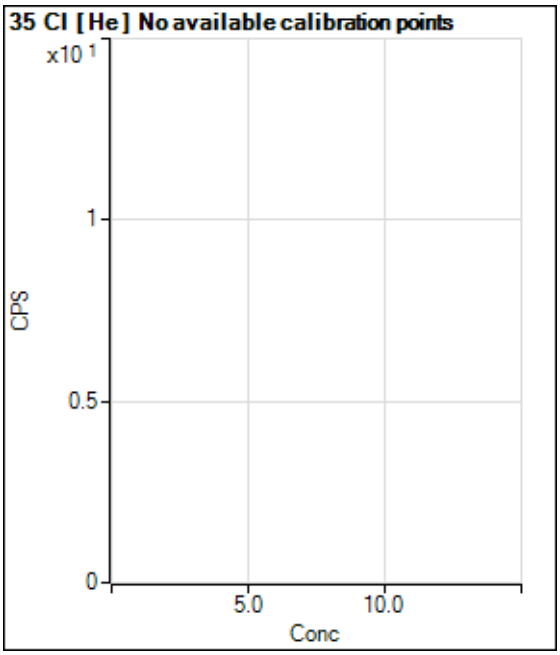
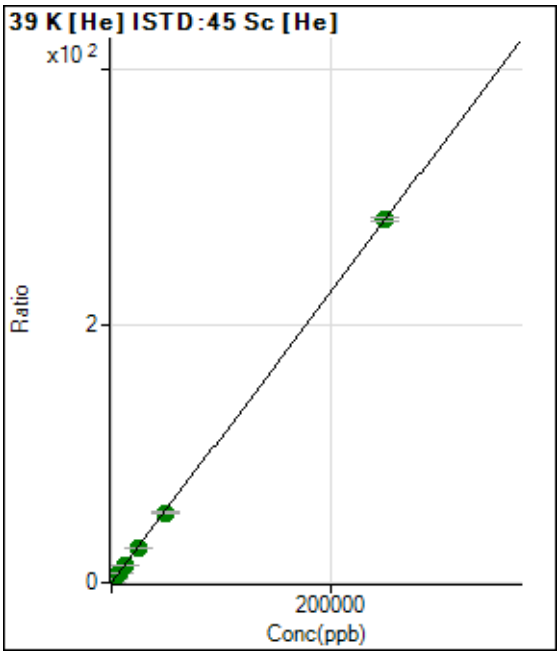
8	☐						

Reviewed By:Mohan
On:10/25/2024 6:28:50 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	93671.42	0.1399	P	0.5
2	☐	500.000	500.262	471859.22	0.7040	P	0.2
3	☐	2500.000	2527.523	1989102.35	2.9901	A	1.1
4	☐	6250.000	6261.560	4529791.08	7.2008	A	0.4
5	☐	12500.000	12212.273	8764321.75	13.9112	A	0.7
6	☐	25000.000	23941.294	17063618.08	27.1375	A	0.6
7	☐	50000.000	48337.591	34575503.10	54.6481	A	0.4
8	☐	250000.00	250452.17	179027090.66	282.5638	A	0.9

y = 0.0011 * x + 0.1399
R = 1.0000
DL = 1.837
BEC = 124.1

Weight: <None>
Min Conc: 0

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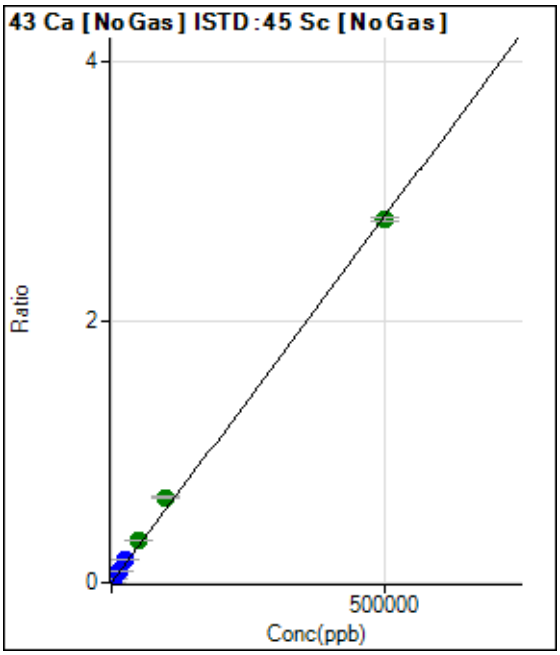
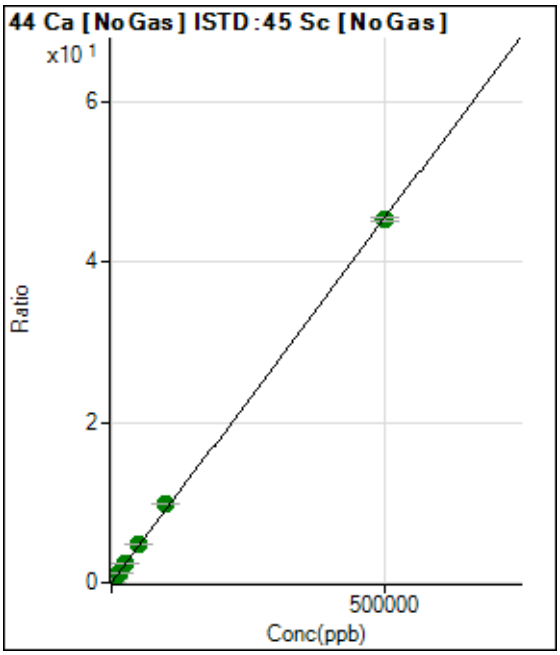


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	708.92	0.0001	P	3.3
2	☐	500.000	499.606	20792.12	0.0029	P	1.2
3	☐	5000.000	6254.044	256411.47	0.0352	P	0.6
4	☐	12500.000	15626.739	603937.16	0.0878	P	0.8
5	☐	25000.000	30858.908	1168459.07	0.1732	P	1.3
6	☐	50000.000	57905.298	2216289.03	0.3250	A	0.4
7	☐	100000.00	116497.47	4516633.86	0.6538	A	1.2
8	☐	500000.00	495526.32	18714555.00	2.7805	A	1.0

y = 5.6110E-006 * x + 9.9377E-005
R = 0.9994
DL = 1.74
BEC = 17.71

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31740.13	0.0044	P	0.2
2	☐	500.000	507.961	362601.78	0.0506	P	1.4
3	☐	5000.000	5549.579	3707986.47	0.5089	A	1.2
4	☐	12500.000	13798.624	8659627.51	1.2587	A	0.7
5	☐	25000.000	27322.004	16778624.47	2.4879	A	1.6
6	☐	50000.000	53092.550	32938018.12	4.8303	A	0.8
7	☐	100000.00	107954.25	67819713.43	9.8169	A	0.4
8	☐	500000.00	497945.82	304655833.24	45.2648	A	1.1

y = 9.0894E-005 * x + 0.0044
R = 0.9999
DL = 0.3416
BEC = 48.95

Weight: <None>
Min Conc: 0

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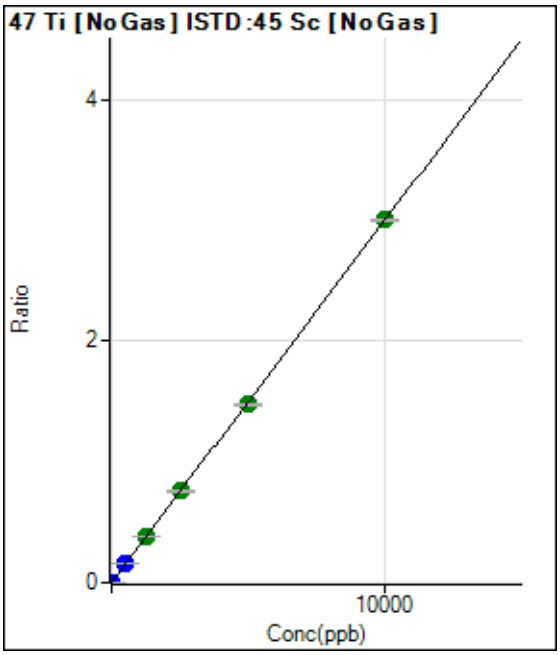
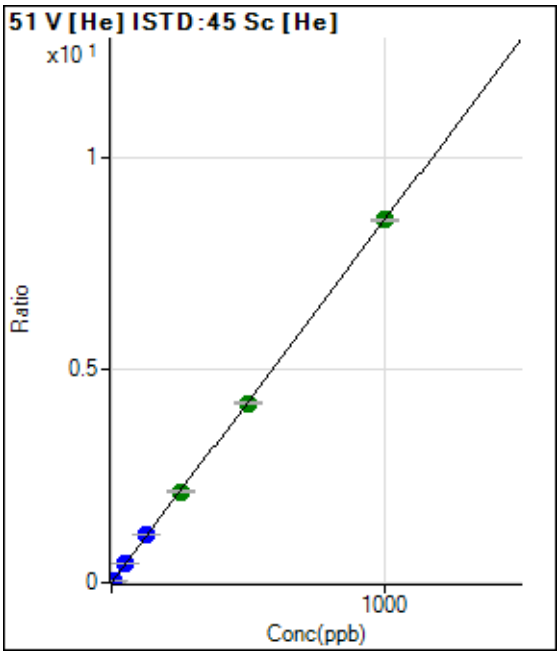


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	305.56	0.0000	P	16.4
2	☐	5.000	4.437	9831.04	0.0014	P	2.7
3	☐	500.000	521.020	1138026.95	0.1562	P	0.5
4	☐	1250.000	1271.594	2622175.65	0.3811	A	1.3
5	☐	2500.000	2527.126	5108012.63	0.7574	A	1.7
6	☐	5000.000	4934.020	10083327.77	1.4787	A	1.2
7	☐	10000.000	10022.458	20750674.55	3.0037	A	0.2
8	☐			2535.86	0.0004	P	8.5

y = 2.9969E-004 * x + 4.2829E-005
R = 1.0000
DL = 0.07044
BEC = 0.1429

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0001	P	21.6
2	☐	5.000	4.906	28041.68	0.0418	P	2.1
3	☐	50.000	52.638	298292.01	0.4484	P	0.5
4	☐	125.000	131.486	704516.21	1.1200	P	0.4
5	☐	250.000	251.061	1347240.42	2.1384	A	1.1
6	☐	500.000	495.820	2655411.23	4.2231	A	0.6
7	☐	1000.000	1000.883	5393528.05	8.5249	A	0.3
8	☐			1205.62	0.0019	P	5.9

y = 0.0085 * x + 5.6380E-005
R = 1.0000
DL = 0.004289
BEC = 0.00662

Weight: <None>
Min Conc: 0

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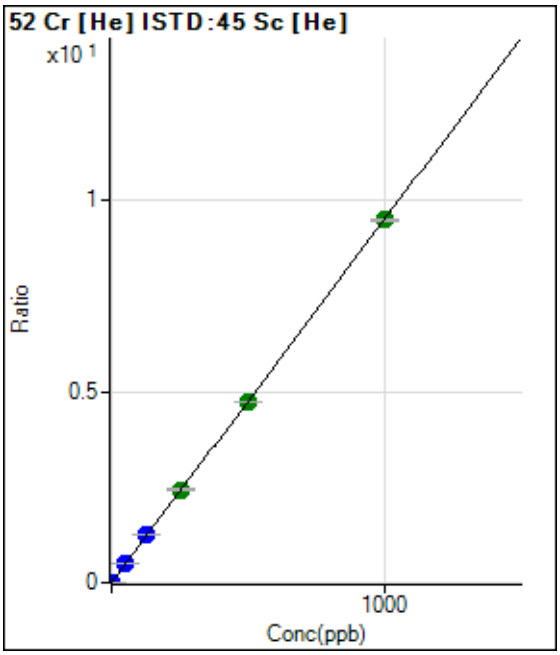
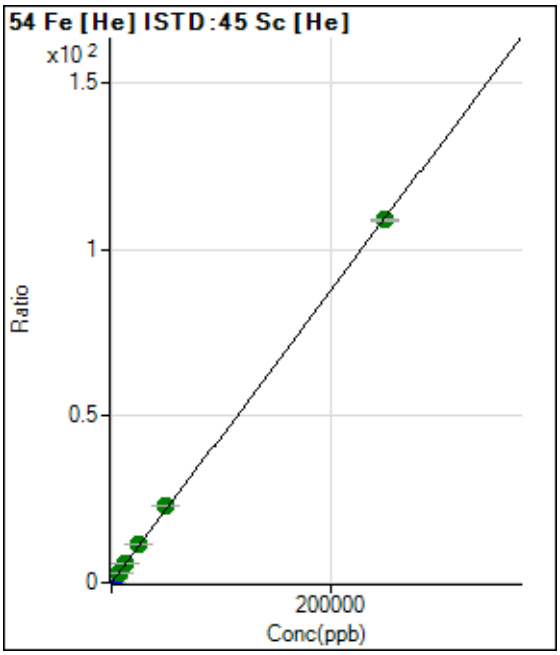


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1501.21	0.0022	P	7.7
2	☐	2.000	2.015	14348.05	0.0214	P	1.1
3	☐	50.000	53.290	338711.97	0.5091	P	0.2
4	☐	125.000	132.993	797161.33	1.2672	P	0.3
5	☐	250.000	255.775	1534179.44	2.4351	A	0.8
6	☐	500.000	497.447	2976484.30	4.7338	A	0.2
7	☐	1000.000	998.669	6011297.69	9.5013	A	0.6
8	☐			20117.91	0.0318	P	0.3

y = 0.0095 * x + 0.0022
R = 1.0000
DL = 0.05466
BEC = 0.2357

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3134.81	0.0047	P	3.2
2	☐	50.000	54.188	18983.19	0.0283	P	0.7
3	☐	2500.000	2884.254	840268.66	1.2631	P	0.6
4	☐	6250.000	6905.240	1898179.92	3.0174	A	0.8
5	☐	12500.000	13453.758	3701033.80	5.8745	A	0.1
6	☐	25000.000	26364.082	7235535.93	11.5072	A	0.5
7	☐	50000.000	52562.486	14511984.64	22.9374	A	1.1
8	☐	250000.00	249283.18	68913223.97	108.7655	A	0.4

y = 4.3629E-004 * x + 0.0047
R = 0.9999
DL = 1.019
BEC = 10.73

Weight: <None>
Min Conc: 0

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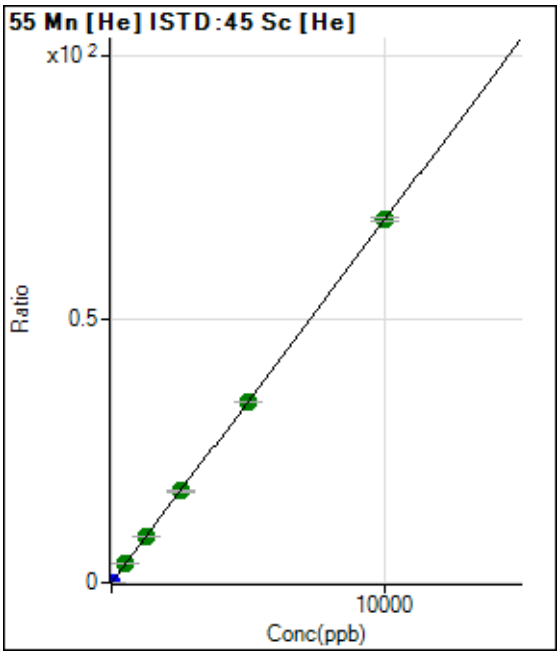
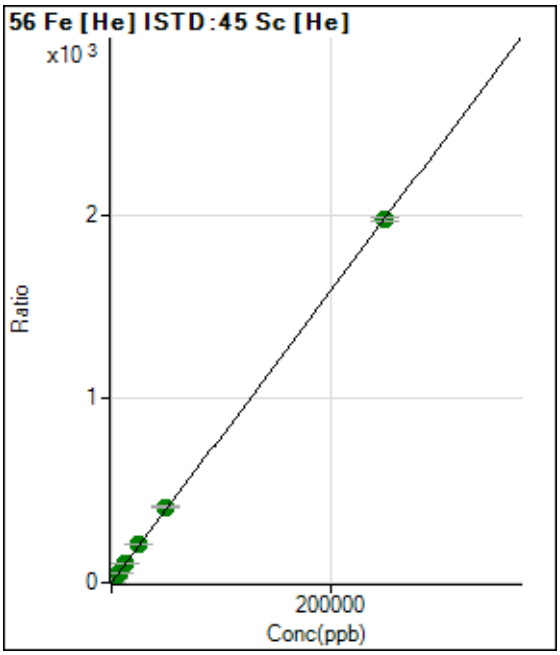


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	678.91	0.0010	P	7.9
2	☐	1.000	1.003	5302.11	0.0079	P	1.7
3	☐	500.000	519.920	2380176.86	3.5778	A	0.6
4	☐	1250.000	1294.965	5604871.72	8.9097	A	0.5
5	☐	2500.000	2522.832	10935222.48	17.3569	A	0.6
6	☐	5000.000	4968.842	21493920.52	34.1842	A	0.3
7	☐	10000.000	10003.254	43540372.68	68.8185	A	0.9
8	☐			21568.89	0.0340	P	0.8

y = 0.0069 * x + 0.0010
R = 1.0000
DL = 0.03474
BEC = 0.1474

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26239.64	0.0392	P	1.2
2	☐	50.000	52.904	306862.58	0.4579	P	0.5
3	☐	2500.000	2692.385	14200704.79	21.3455	A	0.2
4	☐	6250.000	6758.191	33667432.28	53.5205	A	0.2
5	☐	12500.000	13229.691	65984527.35	104.7330	A	0.7
6	☐	25000.000	25949.824	129144460.30	205.3944	A	0.6
7	☐	50000.000	52155.912	261149805.00	412.7775	A	0.9
8	☐	250000.00	249422.72	1250593448.0	1,973.858	A	1.0

y = 0.0079 * x + 0.0392
R = 1.0000
DL = 0.1801
BEC = 4.953

Weight: <None>
Min Conc: 0

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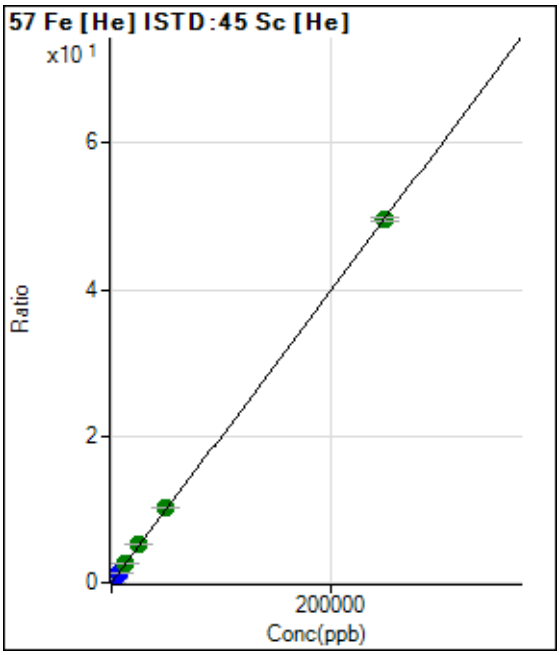
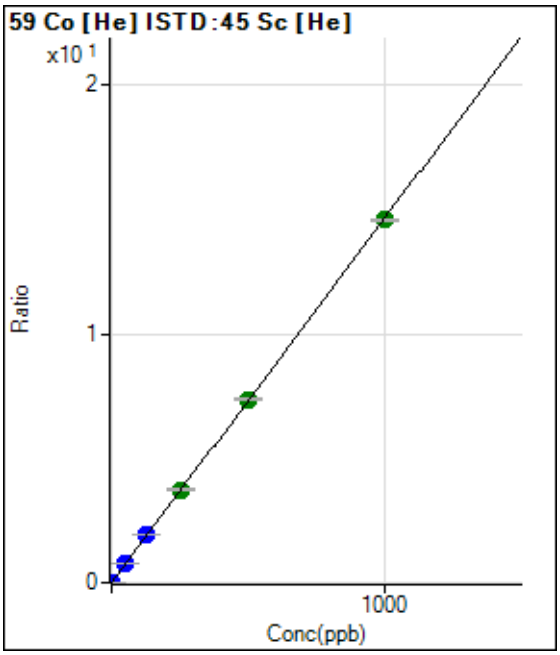


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2678.05	0.0040	P	3.9
2	☐	50.000	54.176	9888.89	0.0148	P	2.6
3	☐	2500.000	2825.737	375843.11	0.5650	P	0.7
4	☐	6250.000	7060.910	884276.14	1.4057	P	0.4
5	☐	12500.000	13214.283	1655251.57	2.6273	A	0.3
6	☐	25000.000	26006.944	3248717.45	5.1669	A	0.7
7	☐	50000.000	51889.857	6519587.40	10.3051	A	1.1
8	☐	250000.00	249462.08	31379129.81	49.5270	A	1.0

y = 1.9852E-004 * x + 0.0040
R = 1.0000
DL = 2.355
BEC = 20.15

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0002	P	4.8
2	☐	1.000	1.028	10248.03	0.0153	P	1.3
3	☐	50.000	52.464	511423.95	0.7687	P	0.3
4	☐	125.000	131.521	1212066.28	1.9268	P	0.5
5	☐	250.000	254.861	2352165.75	3.7336	A	1.1
6	☐	500.000	503.289	4635517.99	7.3726	A	1.2
7	☐	1000.000	996.202	9232572.92	14.5931	A	0.7
8	☐			24108.33	0.0380	P	0.8

y = 0.0146 * x + 2.3564E-004
R = 1.0000
DL = 0.002314
BEC = 0.01609

Weight: <None>
Min Conc: 0

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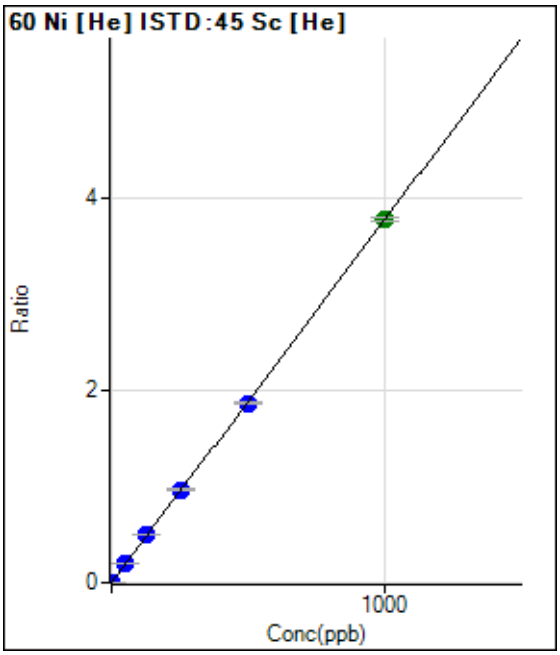
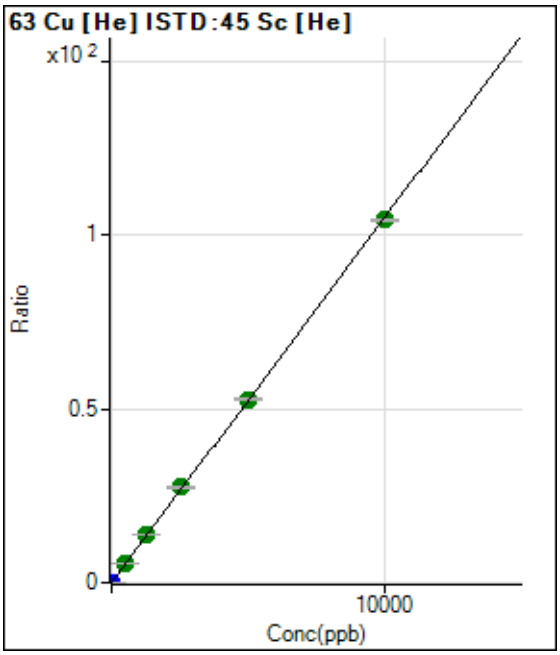


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	285.56	0.0004	P	11.1
2	☐	1.000	1.031	2885.86	0.0043	P	1.9
3	☐	50.000	52.796	132504.53	0.1992	P	0.5
4	☐	125.000	130.926	310308.27	0.4933	P	0.6
5	☐	250.000	255.516	606275.70	0.9623	P	1.2
6	☐	500.000	495.095	1172142.02	1.8642	P	0.7
7	☐	1000.000	1000.193	2382470.51	3.7657	A	1.0
8	☐			9006.10	0.0142	P	2.9

y = 0.0038 * x + 4.2644E-004
R = 1.0000
DL = 0.03779
BEC = 0.1133

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2271.31	0.0034	P	3.8
2	☐	2.000	2.067	16790.62	0.0251	P	0.9
3	☐	500.000	531.740	3709447.55	5.5763	A	1.5
4	☐	1250.000	1318.880	8697642.51	13.8259	A	1.0
5	☐	2500.000	2609.582	17233154.61	27.3531	A	0.7
6	☐	5000.000	5033.367	33171450.62	52.7556	A	0.2
7	☐	10000.000	9945.724	65949404.02	104.2397	A	0.6
8	☐			14726.22	0.0232	P	0.5

y = 0.0105 * x + 0.0034
R = 0.9999
DL = 0.0365
BEC = 0.3237

Weight: <None>
Min Conc: 0

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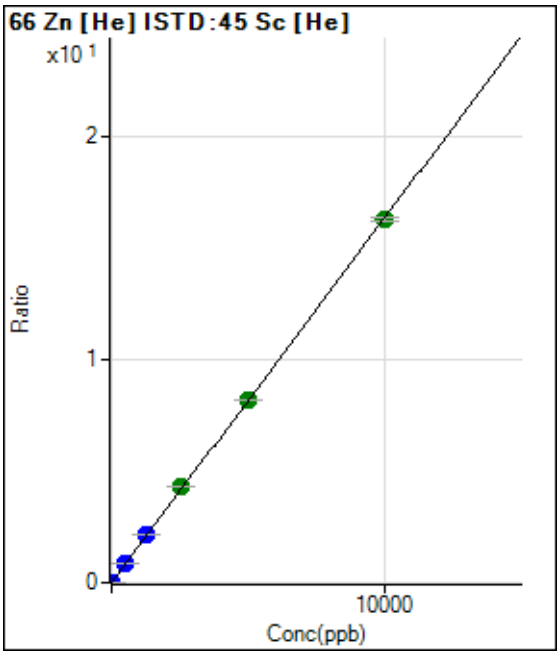
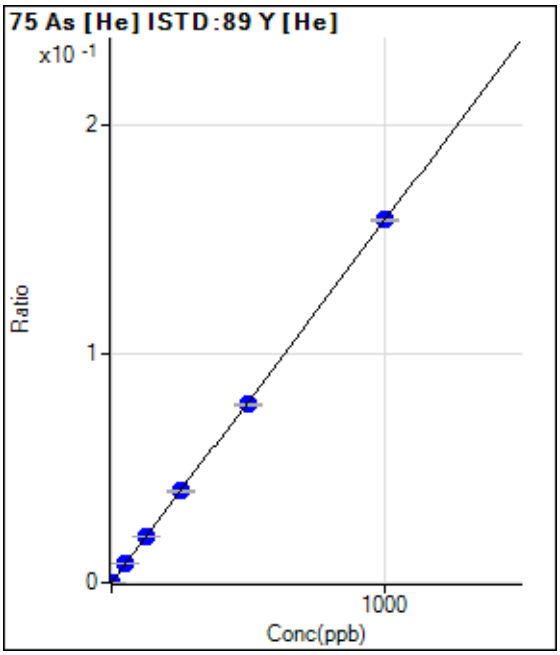


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1232.28	0.0018	P	4.5
2	☐	2.000	4.972	6673.77	0.0100	P	1.7
3	☐	500.000	531.909	578972.40	0.8703	P	0.3
4	☐	1250.000	1322.041	1358964.41	2.1603	P	0.2
5	☐	2500.000	2620.721	2696887.53	4.2806	A	0.1
6	☐	5000.000	5009.462	5143709.23	8.1807	A	0.8
7	☐	10000.000	9954.487	10283616.24	16.2544	A	0.9
8	☐			5115.37	0.0081	P	5.0

y = 0.0016 * x + 0.0018
R = 0.9999
DL = 0.1518
BEC = 1.127

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	15.8
2	☐	1.000	1.000	763.36	0.0002	P	9.5
3	☐	50.000	53.061	39911.35	0.0084	P	1.3
4	☐	125.000	128.374	94000.63	0.0203	P	0.5
5	☐	250.000	252.446	184860.86	0.0400	P	0.7
6	☐	500.000	493.230	361395.24	0.0781	P	0.9
7	☐	1000.000	1002.199	734112.62	0.1588	P	0.4
8	☐			415.56	0.0001	P	8.8

y = 1.5844E-004 * x + 2.5654E-006
R = 1.0000
DL = 0.007681
BEC = 0.01619

Weight: <None>
Min Conc: 0

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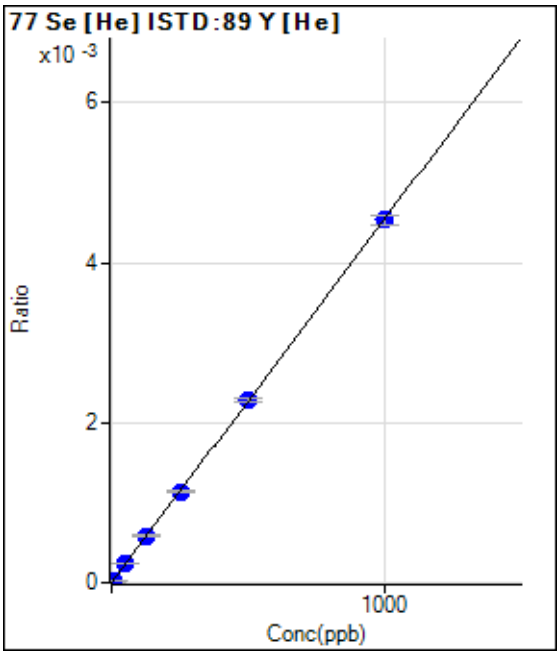
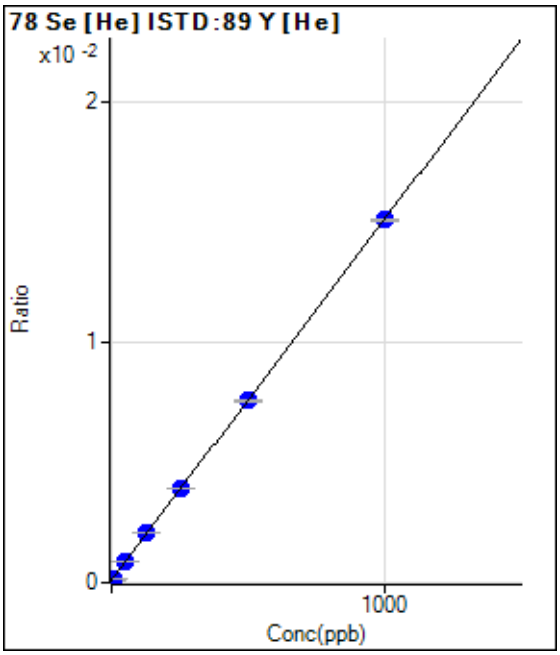


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.4
2	☐	5.000	4.912	111.11	0.0000	P	25.0
3	☐	50.000	53.427	1156.72	0.0002	P	4.8
4	☐	125.000	127.797	2686.93	0.0006	P	3.6
5	☐	250.000	250.433	5259.87	0.0011	P	2.5
6	☐	500.000	502.369	10552.72	0.0023	P	1.3
7	☐	1000.000	998.187	20958.27	0.0045	P	2.7
8	☐			7.78	0.0000	P	65.6

y = 4.5401E-006 * x + 1.1654E-006
R = 1.0000
DL = 0.2651
BEC = 0.2567

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	464.46	0.0001	P	15.8
2	☐	5.000	4.293	767.81	0.0002	P	7.8
3	☐	50.000	53.964	4301.78	0.0009	P	1.5
4	☐	125.000	132.542	9630.98	0.0021	P	1.4
5	☐	250.000	253.944	18042.26	0.0039	P	0.9
6	☐	500.000	498.255	34991.22	0.0076	P	1.0
7	☐	1000.000	998.749	69660.49	0.0151	P	0.9
8	☐			442.23	0.0001	P	7.7

y = 1.4989E-005 * x + 9.7538E-005
R = 1.0000
DL = 3.089
BEC = 6.507

Weight: <None>
Min Conc: 0

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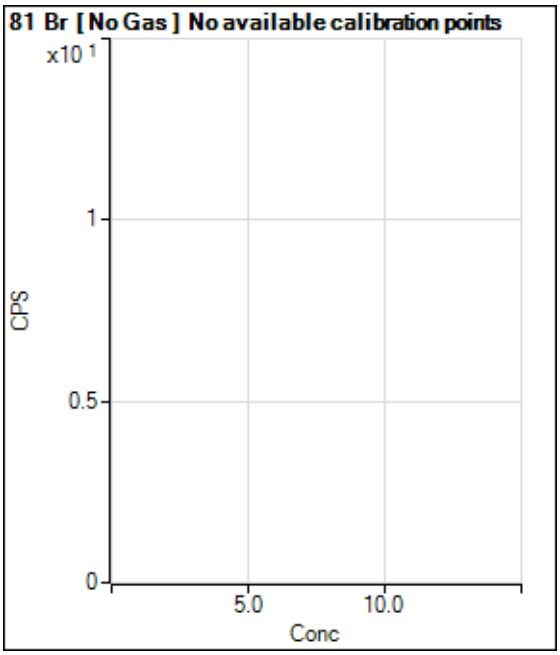
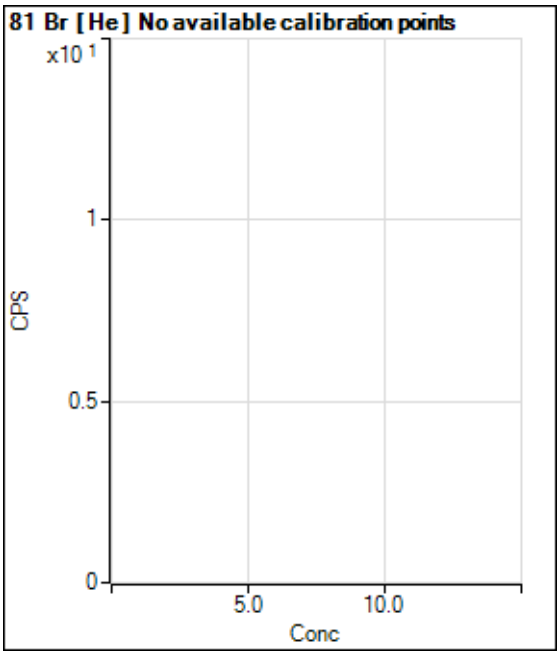


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11799.27		P	1.1
2	☐			11745.88		P	3.0
3	☐			10969.74		P	1.8
4	☐			11075.37		P	3.3
5	☐			10991.95		P	0.6
6	☐			11291.08		P	1.2
7	☐			11137.61		P	2.5
8	☐			11801.47		P	1.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			147.78		P	18.8
2	☐			127.78		P	22.2
3	☐			86.67		P	13.9
4	☐			114.45		P	14.9
5	☐			114.45		P	14.9
6	☐			120.00		P	12.7
7	☐			94.44		P	5.4
8	☐			151.11		P	6.7

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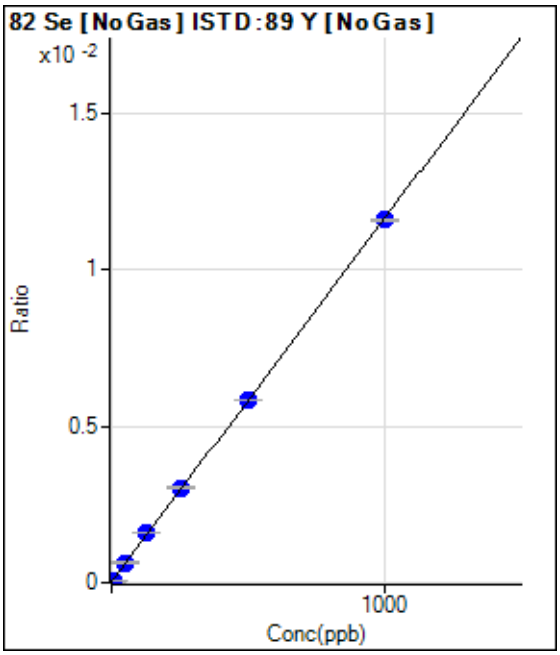


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	507.35	0.0000	P	3.6
2	☐	5.000	5.242	1644.90	0.0001	P	4.0
3	☐	50.000	53.165	12352.67	0.0006	P	0.3
4	☐	125.000	132.911	28623.81	0.0016	P	0.3
5	☐	250.000	258.762	55316.87	0.0030	P	1.8
6	☐	500.000	500.409	107625.64	0.0058	P	0.4
7	☐	1000.000	996.457	215590.73	0.0116	P	0.6
8	☐			660.24	0.0000	P	5.3

y = 1.1609E-005 * x + 2.7127E-005

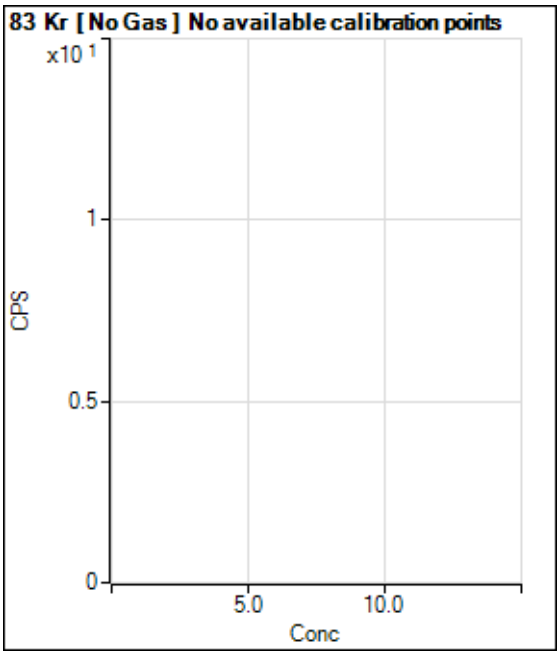
R = 0.9999

DL = 0.251

BEC = 2.337

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			351.12		P	6.7
2	☐			317.78		P	0.6
3	☐			317.78		P	12.7
4	☐			305.56		P	3.3
5	☐			364.45		P	8.5
6	☐			324.45		P	7.8
7	☐			355.57		P	13.7
8	☐			356.67		P	4.3

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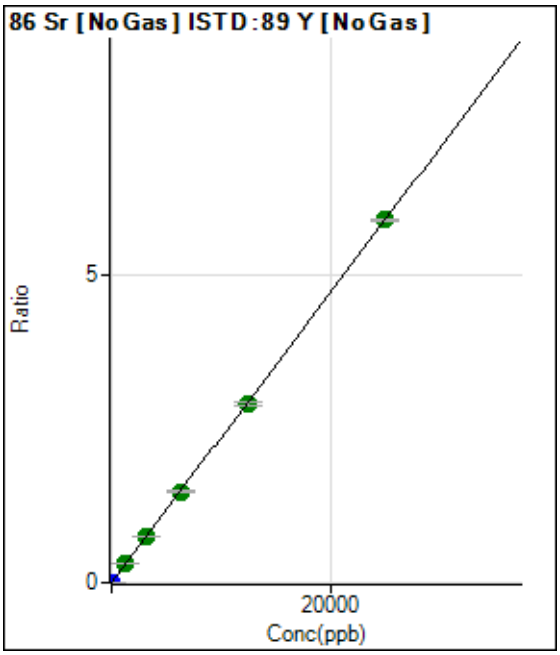
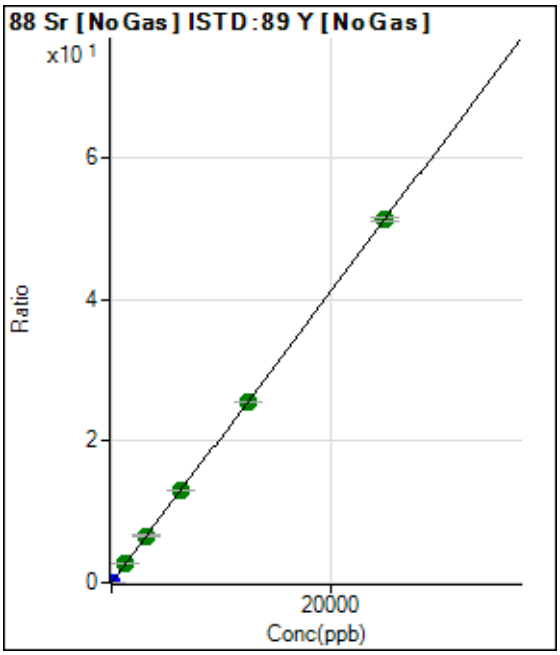


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	773.36	0.0000	P	4.3
2	☐	1.000	0.963	5015.35	0.0003	P	2.4
3	☐	1250.000	1285.430	5810160.96	0.3031	A	0.6
4	☐	3125.000	3191.557	13716604.24	0.7524	A	0.6
5	☐	6250.000	6291.294	27066775.15	1.4831	A	1.4
6	☐	12500.000	12350.370	53687160.31	2.9114	A	1.2
7	☐	25000.000	25054.401	109815980.59	5.9061	A	0.6
8	☐			18344.89	0.0010	P	3.4

y = 2.3573E-004 * x + 4.1351E-005
R = 1.0000
DL = 0.02257
BEC = 0.1754

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2194.63	0.0001	P	5.9
2	☐	1.000	0.946	38442.38	0.0021	P	2.4
3	☐	1250.000	1289.451	50686827.58	2.6438	A	0.8
4	☐	3125.000	3236.771	120990011.53	6.6363	A	1.2
5	☐	6250.000	6357.667	237889689.79	13.0348	A	1.6
6	☐	12500.000	12423.877	469738428.56	25.4720	A	0.5
7	☐	25000.000	24995.201	952838483.58	51.2461	A	0.9
8	☐			155641.09	0.0088	P	4.6

y = 0.0021 * x + 1.1734E-004
R = 1.0000
DL = 0.01017
BEC = 0.05723

Weight: <None>
Min Conc: 0

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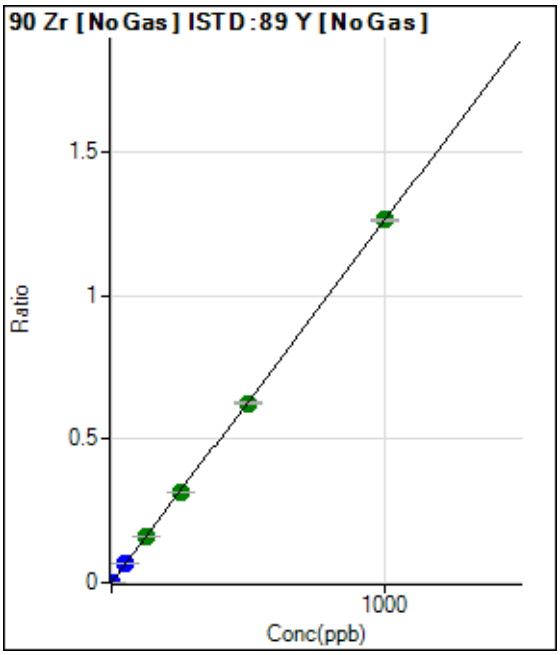
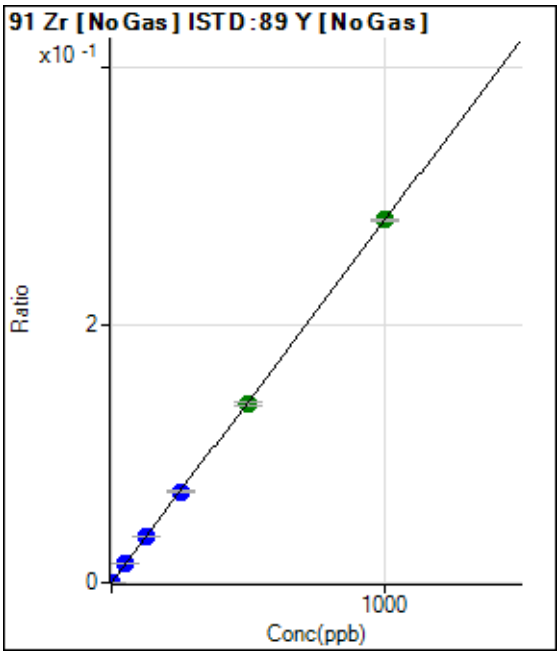


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	927.82	0.0000	P	7.2
2	☐	1.000	0.943	23172.82	0.0012	P	1.4
3	☐	50.000	51.064	1236011.02	0.0645	P	0.4
4	☐	125.000	127.423	2931494.99	0.1608	A	0.5
5	☐	250.000	250.420	5766424.64	0.3160	A	0.9
6	☐	500.000	495.098	11519039.13	0.6246	A	1.4
7	☐	1000.000	1001.990	23503778.26	1.2641	A	0.8
8	☐			13717.63	0.0008	P	1.8

y = 0.0013 * x + 4.9612E-005
R = 1.0000
DL = 0.008474
BEC = 0.03933

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.34	0.0000	P	16.2
2	☐	1.000	0.934	5124.27	0.0003	P	1.3
3	☐	50.000	51.053	275348.61	0.0144	P	0.4
4	☐	125.000	127.982	656056.06	0.0360	P	0.9
5	☐	250.000	251.941	1292640.87	0.0708	P	1.4
6	☐	500.000	494.577	2563854.79	0.1390	A	1.5
7	☐	1000.000	1001.801	5236049.57	0.2816	A	0.8
8	☐			3069.24	0.0002	P	1.4

y = 2.8108E-004 * x + 1.1409E-005
R = 1.0000
DL = 0.01967
BEC = 0.04059

Weight: <None>
Min Conc: 0

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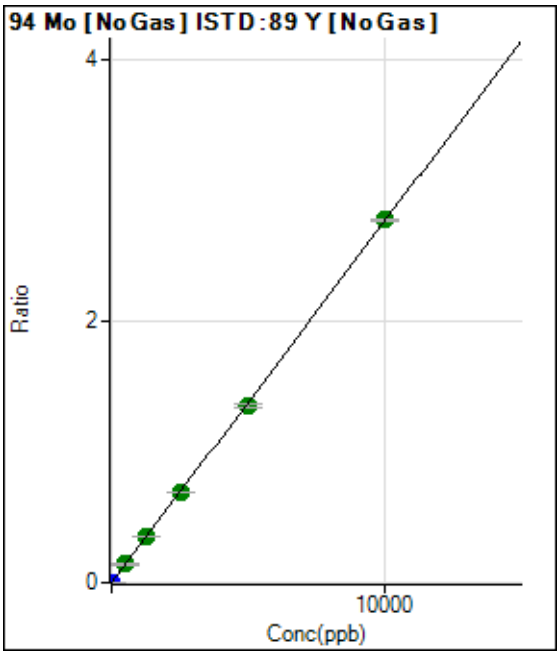
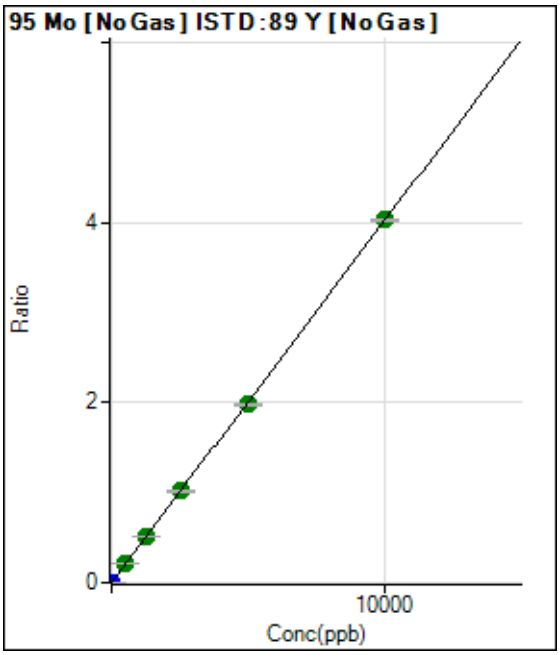


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	492.23	0.0000	P	7.3
2	☐	5.000	5.172	27196.43	0.0015	P	1.6
3	☐	500.000	507.789	2688785.84	0.1402	A	0.9
4	☐	1250.000	1275.622	6422106.36	0.3523	A	1.1
5	☐	2500.000	2498.461	12591740.37	0.6899	A	1.7
6	☐	5000.000	4900.131	24953089.35	1.3531	A	1.5
7	☐	10000.000	10046.727	51583623.12	2.7743	A	0.3
8	☐			11650.28	0.0007	P	2.6

y = 2.7613E-004 * x + 2.6313E-005
R = 0.9999
DL = 0.02077
BEC = 0.09529

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.23	0.0000	P	3.8
2	☐	5.000	4.289	32549.50	0.0017	P	1.2
3	☐	500.000	510.856	3939221.75	0.2055	A	1.1
4	☐	1250.000	1275.716	9353914.93	0.5131	A	0.9
5	☐	2500.000	2529.895	18569066.53	1.0175	A	1.6
6	☐	5000.000	4926.020	36534020.84	1.9811	A	0.5
7	☐	10000.000	10025.759	74969346.10	4.0321	A	0.5
8	☐			10778.53	0.0006	P	2.5

y = 4.0217E-004 * x + 1.6160E-005
R = 1.0000
DL = 0.004546
BEC = 0.04018

Weight: <None>
Min Conc: 0

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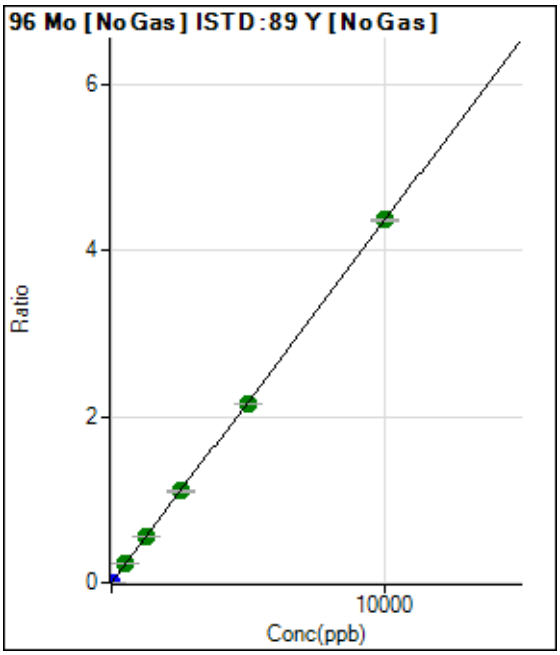
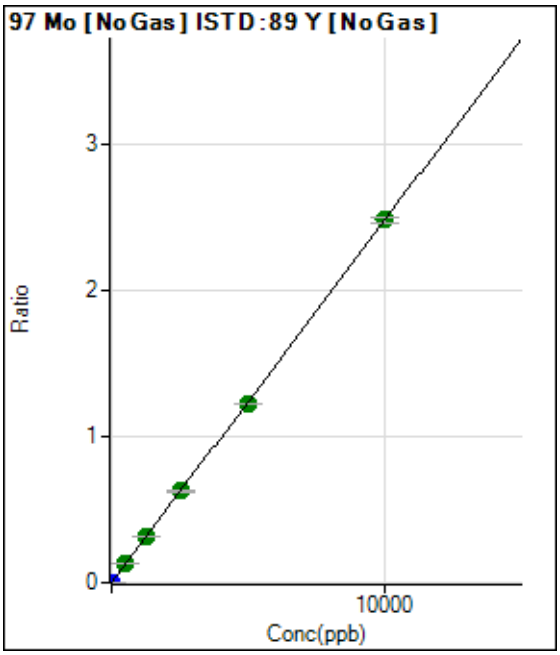


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	398.90	0.0000	P	7.6
2	☐	5.000	4.383	36116.86	0.0019	P	1.6
3	☐	500.000	508.436	4249411.40	0.2217	A	1.5
4	☐	1250.000	1281.739	10186425.06	0.5587	A	0.2
5	☐	2500.000	2528.415	20115099.28	1.1022	A	1.4
6	☐	5000.000	4939.673	39708241.91	2.1532	A	0.7
7	☐	10000.000	10018.671	81202863.23	4.3672	A	0.6
8	☐			23471.19	0.0013	P	0.6

y = 4.3590E-004 * x + 2.1324E-005
R = 1.0000
DL = 0.01111
BEC = 0.04892

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	184.45	0.0000	P	16.3
2	☐	5.000	4.314	20191.85	0.0011	P	1.1
3	☐	500.000	514.638	2447428.52	0.1277	A	0.8
4	☐	1250.000	1281.458	5794716.09	0.3178	A	0.5
5	☐	2500.000	2530.735	11455745.38	0.6277	A	1.3
6	☐	5000.000	4942.136	22605204.66	1.2258	A	0.6
7	☐	10000.000	10016.585	46193127.64	2.4844	A	1.5
8	☐			6906.16	0.0004	P	4.0

y = 2.4803E-004 * x + 9.8559E-006
R = 1.0000
DL = 0.01942
BEC = 0.03974

Weight: <None>
Min Conc: 0

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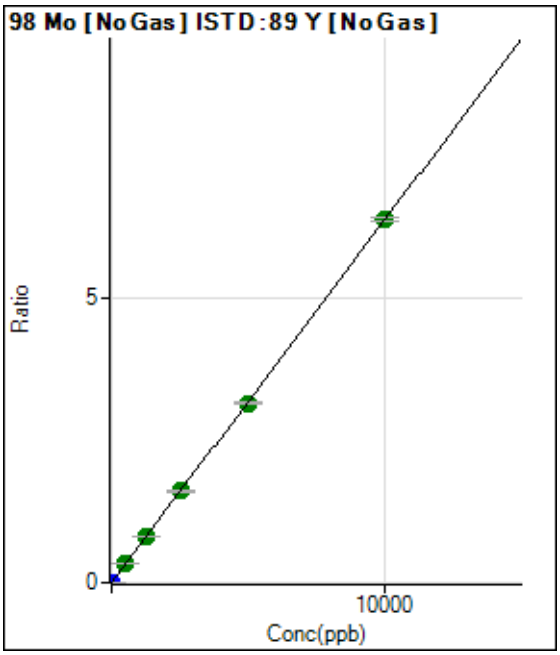
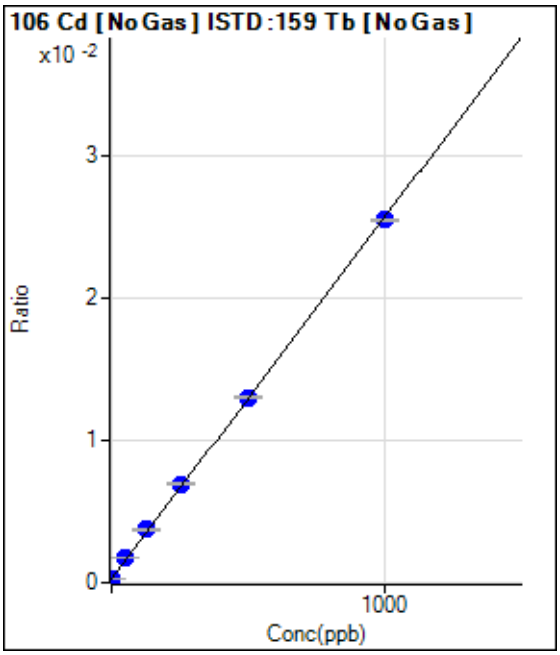


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	403.34	0.0000	P	6.9
2	☐	5.000	4.304	51574.05	0.0028	P	1.9
3	☐	500.000	510.505	6224443.10	0.3246	A	0.5
4	☐	1250.000	1270.288	14727049.64	0.8078	A	0.7
5	☐	2500.000	2528.951	29350013.17	1.6082	A	1.0
6	☐	5000.000	4959.808	58161471.36	3.1539	A	0.6
7	☐	10000.000	10009.797	118351218.24	6.3652	A	0.9
8	☐			16800.89	0.0009	P	4.1

y = 6.3589E-004 * x + 2.1560E-005
R = 1.0000
DL = 0.00701
BEC = 0.03391

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3413.78	0.0003	P	0.9
2	☐	1.000	1.468	3926.12	0.0003	P	4.1
3	☐	50.000	56.446	21870.98	0.0017	P	0.4
4	☐	125.000	135.944	46843.09	0.0037	P	3.0
5	☐	250.000	261.931	88378.82	0.0069	P	1.4
6	☐	500.000	502.747	169644.61	0.0130	P	1.4
7	☐	1000.000	993.953	336486.11	0.0255	P	0.8
8	☐			3636.05	0.0003	P	4.0

y = 2.5347E-005 * x + 2.8144E-004
R = 0.9999
DL = 0.2852
BEC = 11.1

Weight: <None>
Min Conc: 0

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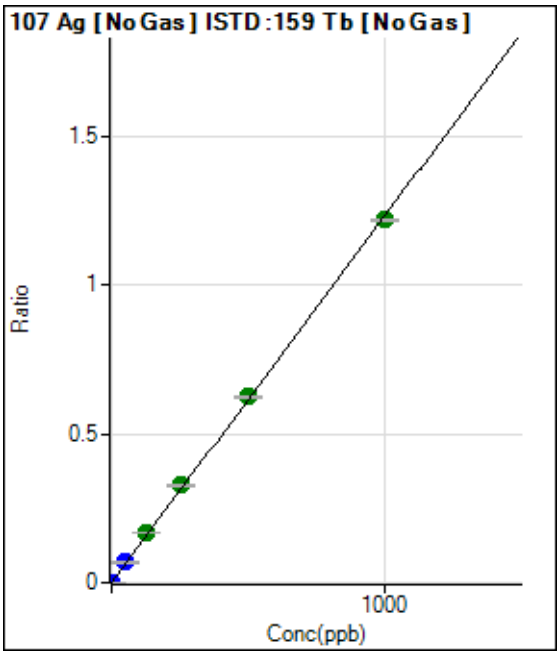
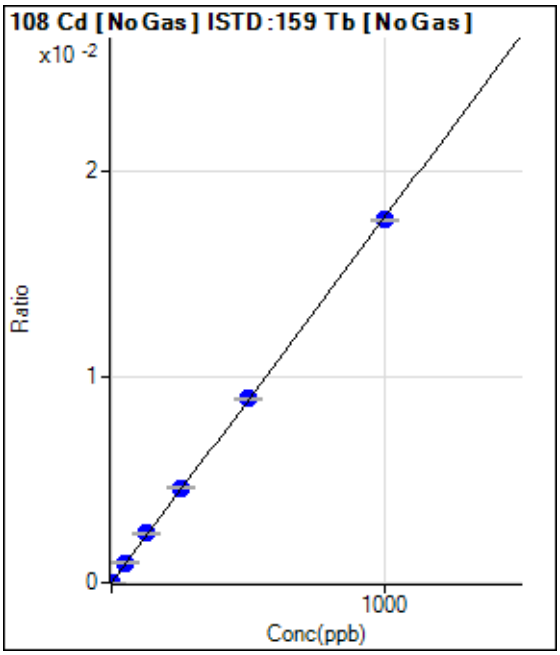


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0000	P	13.0
2	☐	1.000	0.982	14997.86	0.0012	P	3.1
3	☐	50.000	55.397	871171.58	0.0682	P	1.4
4	☐	125.000	137.761	2131838.18	0.1696	A	1.2
5	☐	250.000	265.810	4178851.36	0.3272	A	1.5
6	☐	500.000	507.774	8142013.42	0.6251	A	0.8
7	☐	1000.000	990.295	16102270.73	1.2191	A	0.6
8	☐			2206.86	0.0002	P	9.0

y = 0.0012 * x + 8.6117E-006
R = 0.9998
DL = 0.002732
BEC = 0.006996

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	39.0
2	☐	1.000	0.953	226.67	0.0000	P	7.9
3	☐	50.000	55.226	12551.08	0.0010	P	1.3
4	☐	125.000	135.415	30254.87	0.0024	P	2.4
5	☐	250.000	259.901	58984.86	0.0046	P	1.5
6	☐	500.000	504.272	116711.71	0.0090	P	1.5
7	☐	1000.000	993.825	233233.69	0.0177	P	0.6
8	☐			83.33	0.0000	P	29.2

y = 1.7766E-005 * x + 1.4656E-006
R = 0.9999
DL = 0.09654
BEC = 0.08249

Weight: <None>
Min Conc: 0

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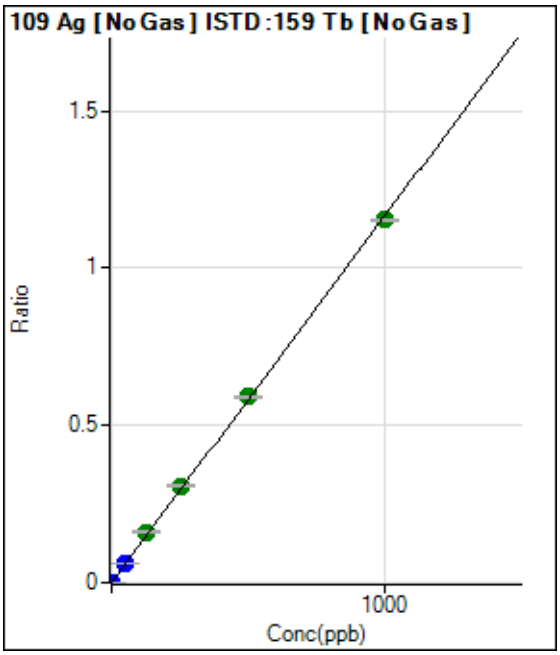
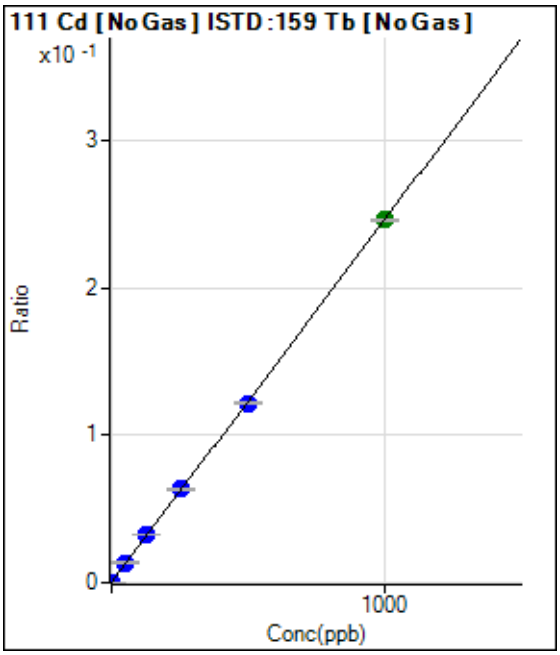


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	8.7
2	☐	1.000	0.978	14103.65	0.0011	P	0.9
3	☐	50.000	54.741	814319.37	0.0638	P	1.1
4	☐	125.000	138.339	2024904.90	0.1611	A	1.1
5	☐	250.000	264.352	3931355.12	0.3078	A	0.8
6	☐	500.000	508.111	7706973.01	0.5917	A	1.0
7	☐	1000.000	990.452	15234412.69	1.1534	A	0.2
8	☐			2133.52	0.0002	P	10.2

y = 0.0012 * x + 5.4964E-006
R = 0.9998
DL = 0.001239
BEC = 0.00472

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2397.20	0.0002	P	0.7
2	☐	1.000	1.046	5609.96	0.0005	P	0.7
3	☐	50.000	54.541	174157.84	0.0136	P	1.4
4	☐	125.000	132.277	412082.38	0.0328	P	1.7
5	☐	250.000	257.002	811101.16	0.0635	P	1.7
6	☐	500.000	494.141	1588331.58	0.1219	P	0.8
7	☐	1000.000	1000.042	3256980.42	0.2466	A	0.5
8	☐			2894.69	0.0002	P	3.9

y = 2.4637E-004 * x + 1.9763E-004
R = 0.9999
DL = 0.01733
BEC = 0.8022

Weight: <None>
Min Conc: 0

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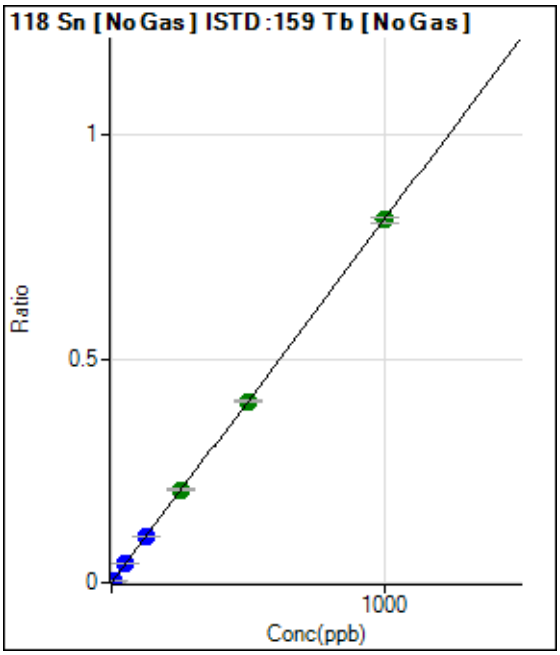
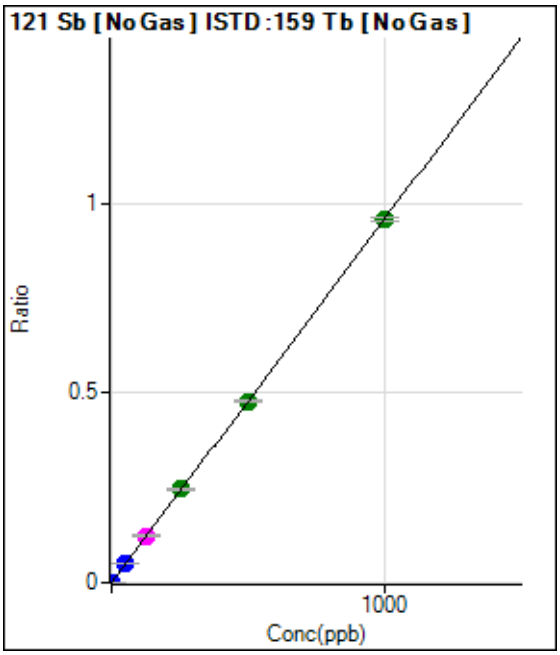


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2352.44	0.0002	P	8.4
2	☐	5.000	4.794	50384.45	0.0041	P	1.8
3	☐	50.000	52.457	546910.31	0.0428	P	1.6
4	☐	125.000	128.167	1311392.61	0.1043	P	1.8
5	☐	250.000	255.477	2653457.98	0.2078	A	1.4
6	☐	500.000	499.599	5289982.80	0.4061	A	2.0
7	☐	1000.000	998.314	10717706.65	0.8114	A	1.2
8	☐			6414.83	0.0005	P	2.7

y = 8.1254E-004 * x + 1.9393E-004
R = 1.0000
DL = 0.06017
BEC = 0.2387

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	14.5
2	☐	2.000	1.932	22905.02	0.0019	P	2.1
3	☐	50.000	51.623	631627.81	0.0495	P	1.9
4	☐	125.000	128.392	1545574.87	0.1230	M	2.9
5	☐	250.000	258.312	3159474.09	0.2474	A	2.3
6	☐	500.000	498.798	6222646.16	0.4777	A	1.1
7	☐	1000.000	998.018	12626353.28	0.9559	A	1.0
8	☐			8557.07	0.0007	P	0.2

y = 9.5776E-004 * x + 8.7949E-006
R = 1.0000
DL = 0.003984
BEC = 0.009183

Weight: <None>
Min Conc: 0

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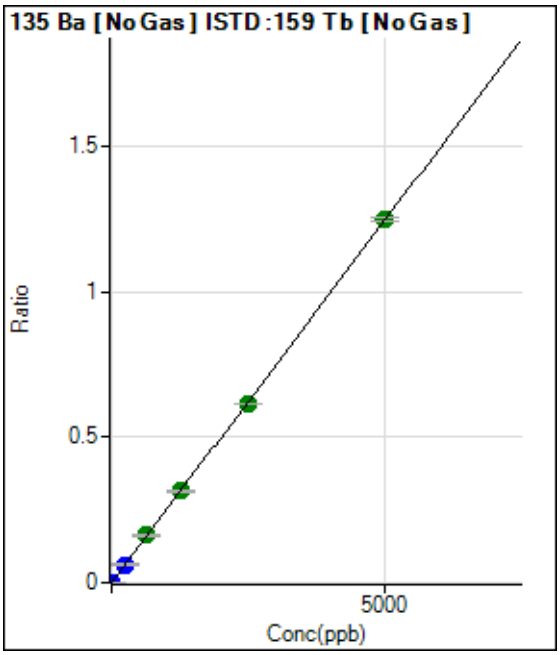
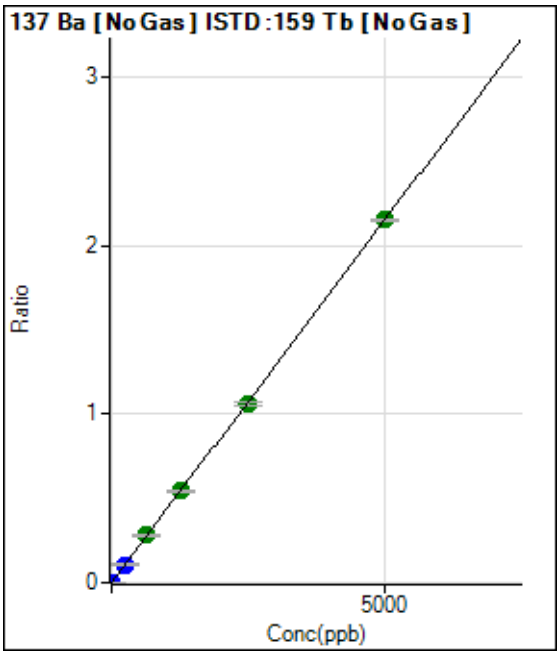


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	135.56	0.0000	P	3.6
2	☐	10.000	9.173	28234.72	0.0023	P	0.5
3	☐	250.000	252.006	800415.61	0.0627	P	1.2
4	☐	625.000	652.769	2039848.67	0.1623	A	1.9
5	☐	1250.000	1265.494	4018001.12	0.3146	A	1.3
6	☐	2500.000	2462.616	7975273.49	0.6123	A	0.3
7	☐	5000.000	5011.249	16457197.39	1.2459	A	1.1
8	☐			6660.50	0.0005	P	2.7

y = 2.4861E-004 * x + 1.1175E-005
R = 0.9999
DL = 0.00492
BEC = 0.04495

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.00	0.0000	P	25.6
2	☐	10.000	9.229	49090.06	0.0040	P	0.2
3	☐	250.000	250.971	1377492.83	0.1078	P	2.1
4	☐	625.000	651.359	3517614.98	0.2799	A	2.3
5	☐	1250.000	1265.703	6944879.90	0.5438	A	1.0
6	☐	2500.000	2472.066	13834276.04	1.0621	A	1.9
7	☐	5000.000	5006.699	28413240.97	2.1511	A	0.3
8	☐			11167.81	0.0009	P	3.2

y = 4.2964E-004 * x + 1.8962E-005
R = 1.0000
DL = 0.03391
BEC = 0.04413

Weight: <None>
Min Conc: 0

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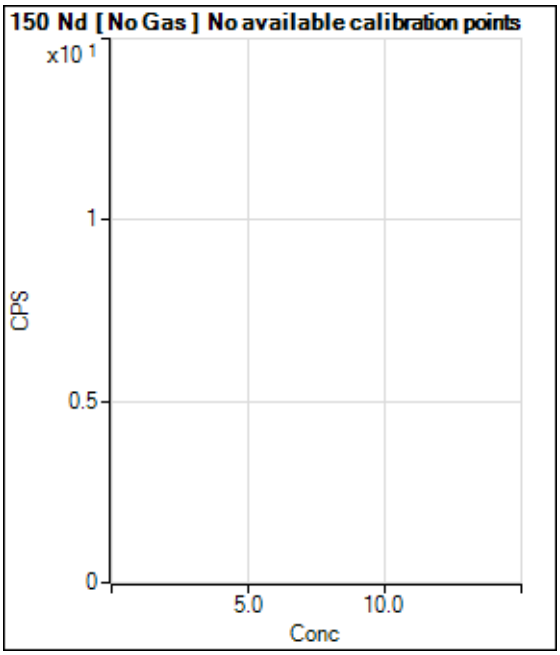
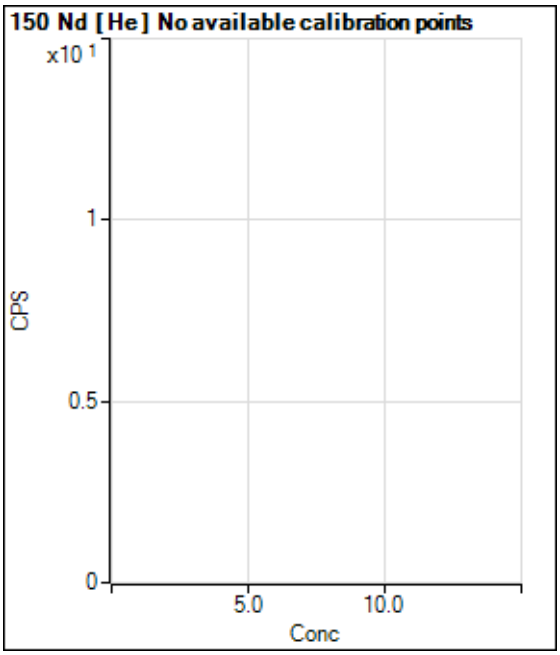


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	50.0
2	☐			13.33		P	43.3
3	☐			52.22		P	32.8
4	☐			86.67		P	0.0
5	☐			125.56		P	17.7
6	☐			296.68		P	10.3
7	☐			583.35		P	4.7
8	☐			236.67		P	19.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.
2	☐			3.33		P	100.
3	☐			14.44		P	113.
4	☐			24.44		P	34.3
5	☐			34.44		P	36.6
6	☐			74.45		P	30.5
7	☐			151.11		P	10.9
8	☐			157.78		P	12.7

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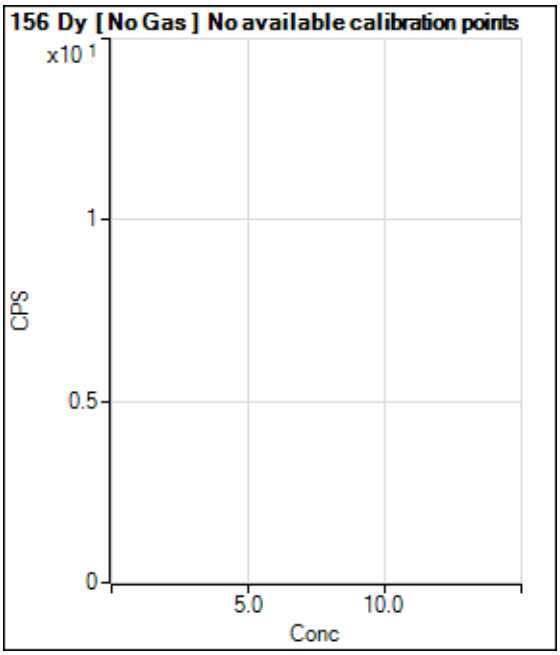
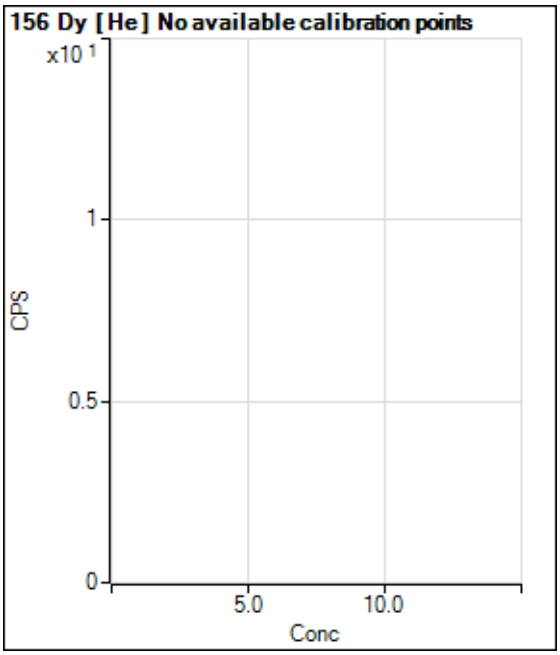


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			41.11		P	28.5
2	☐			45.56		P	18.4
3	☐			62.22		P	6.2
4	☐			64.44		P	13.0
5	☐			77.78		P	30.4
6	☐			127.78		P	9.9
7	☐			264.45		P	13.5
8	☐			437.79		P	5.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			33.33		P	10.0
2	☐			31.11		P	30.9
3	☐			71.11		P	10.8
4	☐			102.22		P	8.2
5	☐			176.67		P	22.6
6	☐			326.68		P	6.2
7	☐			683.36		P	2.6
8	☐			356.68		P	5.2

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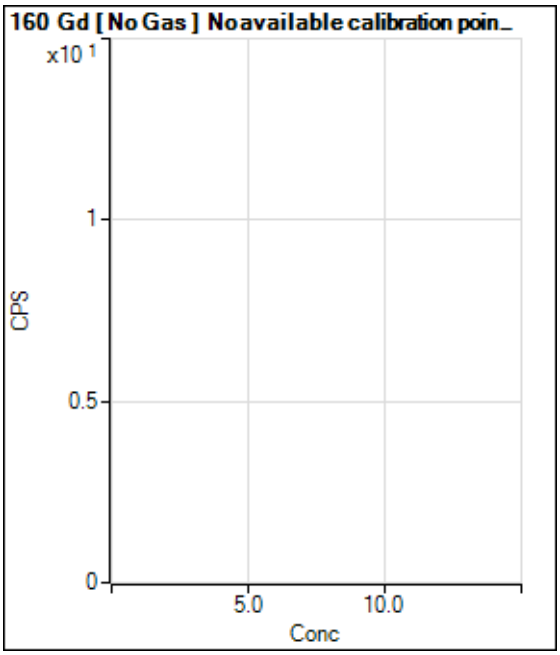
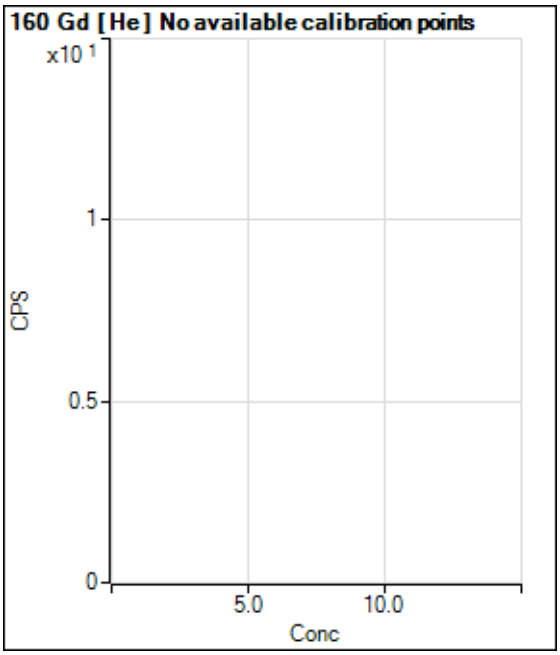


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			60.00		P	38.5
2	☐			48.89		P	7.9
3	☐			63.33		P	13.9
4	☐			70.00		P	28.6
5	☐			104.45		P	24.4
6	☐			116.67		P	14.8
7	☐			188.89		P	8.2
8	☐			394.45		P	5.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			306.67		P	2.2
2	☐			285.56		P	7.1
3	☐			322.23		P	8.6
4	☐			332.23		P	4.5
5	☐			285.56		P	6.0
6	☐			316.68		P	4.8
7	☐			395.56		P	9.3
8	☐			556.69		P	7.9

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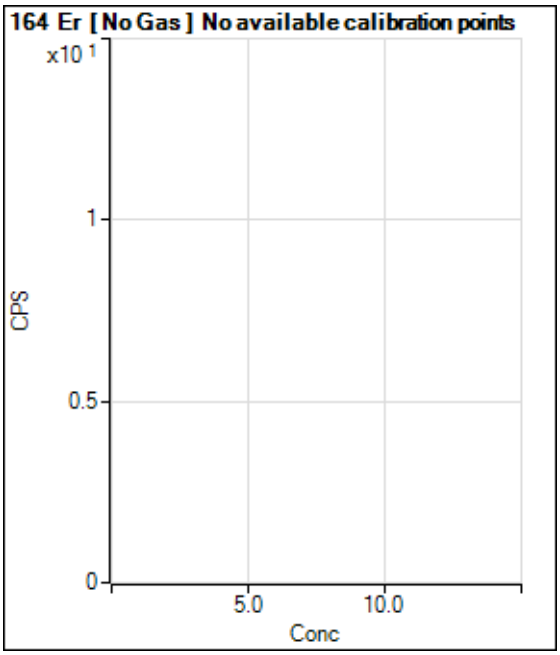
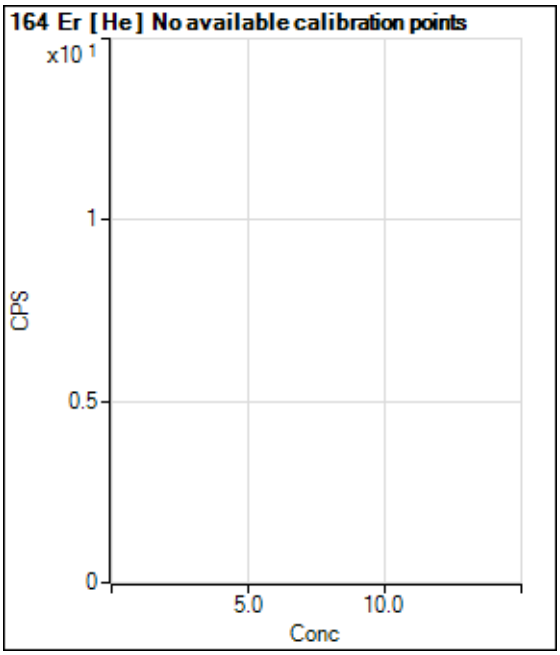


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			86.67		P	16.8
2	☐			100.00		P	37.6
3	☐			101.11		P	16.3
4	☐			91.11		P	34.0
5	☐			115.56		P	14.5
6	☐			181.12		P	23.7
7	☐			291.12		P	17.6
8	☐			514.46		P	6.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			72.22		P	5.3
2	☐			51.11		P	30.1
3	☐			63.33		P	18.2
4	☐			66.67		P	25.0
5	☐			87.78		P	24.1
6	☐			112.22		P	12.0
7	☐			158.89		P	6.4
8	☐			331.12		P	4.8

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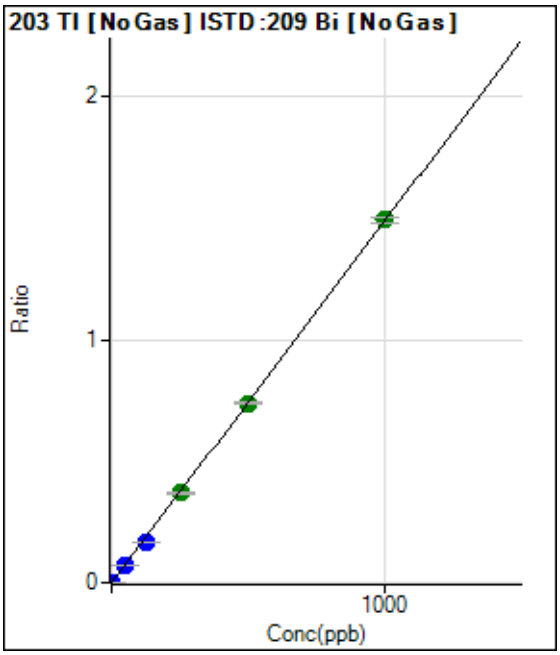
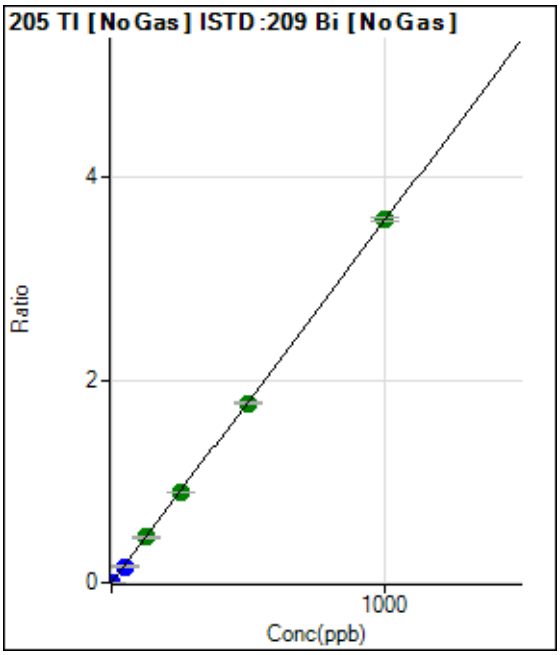


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	212.23	0.0000	P	19.9
2	☐	1.000	0.835	9043.08	0.0013	P	1.4
3	☐	50.000	45.749	511025.54	0.0680	P	0.4
4	☐	125.000	112.992	1250016.45	0.1680	P	1.7
5	☐	250.000	249.329	2823833.57	0.3707	A	1.8
6	☐	500.000	495.596	5585297.69	0.7368	A	1.2
7	☐	1000.000	1004.083	11301502.75	1.4928	A	1.3
8	☐			1374.56	0.0002	P	23.1

y = 0.0015 * x + 2.9820E-005
R = 0.9999
DL = 0.012
BEC = 0.02006

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	451.12	0.0001	P	14.1
2	☐	1.000	0.857	22201.49	0.0031	P	0.8
3	☐	50.000	45.113	1210197.94	0.1611	P	0.5
4	☐	125.000	125.097	3323239.43	0.4467	A	1.8
5	☐	250.000	247.836	6740839.20	0.8850	A	0.4
6	☐	500.000	495.941	13425546.88	1.7709	A	1.0
7	☐	1000.000	1002.803	27107206.26	3.5808	A	1.2
8	☐			4542.54	0.0007	P	55.9

y = 0.0036 * x + 6.3364E-005
R = 1.0000
DL = 0.00752
BEC = 0.01775

Weight: <None>
Min Conc: 0

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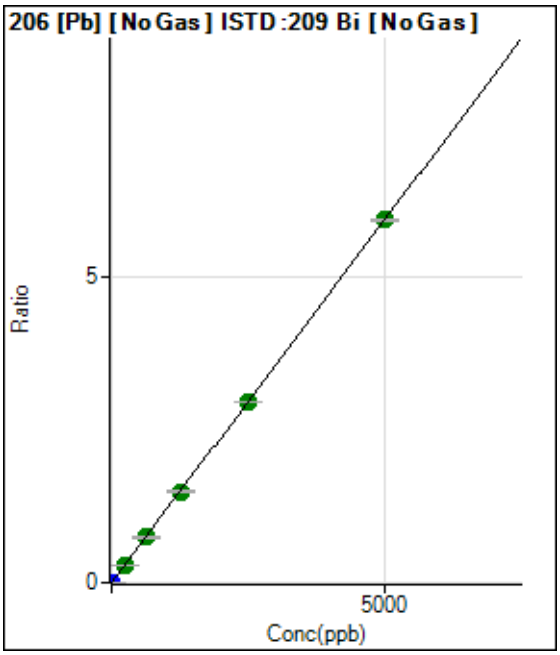
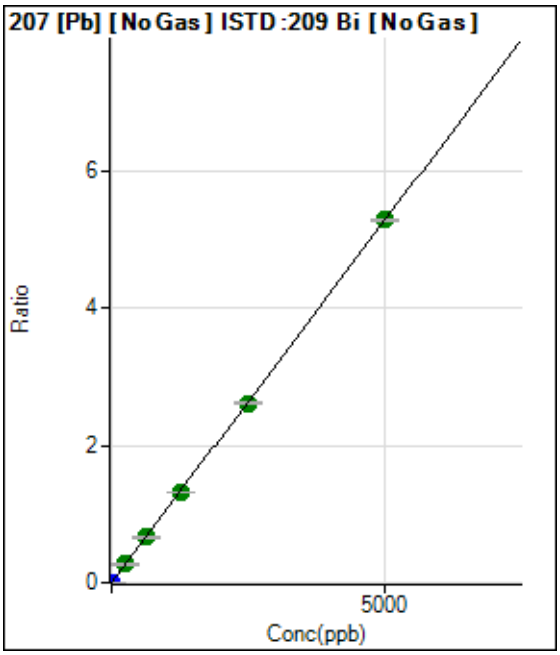


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	393.34	0.0001	P	4.7
2	☐	1.000	0.855	7619.99	0.0011	P	1.4
3	☐	250.000	249.165	2224858.23	0.2963	A	1.2
4	☐	625.000	630.090	5571660.26	0.7491	A	2.6
5	☐	1250.000	1257.731	11388808.16	1.4952	A	1.2
6	☐	2500.000	2490.599	22444506.33	2.9609	A	0.4
7	☐	5000.000	5002.173	45021310.72	5.9466	A	0.7
8	☐			9997.36	0.0015	P	42.1

y = 0.0012 * x + 5.5246E-005
R = 1.0000
DL = 0.006509
BEC = 0.04647

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	343.34	0.0000	P	6.7
2	☐	1.000	0.829	6567.21	0.0009	P	0.4
3	☐	250.000	254.527	2019476.76	0.2689	A	1.9
4	☐	625.000	626.290	4920657.53	0.6616	A	3.5
5	☐	1250.000	1242.233	9995192.00	1.3123	A	0.3
6	☐	2500.000	2478.160	19843852.90	2.6178	A	0.8
7	☐	5000.000	5012.474	40085688.01	5.2950	A	0.4
8	☐			8779.28	0.0013	P	44.2

y = 0.0011 * x + 4.8217E-005
R = 1.0000
DL = 0.009126
BEC = 0.04564

Weight: <None>
Min Conc: 0

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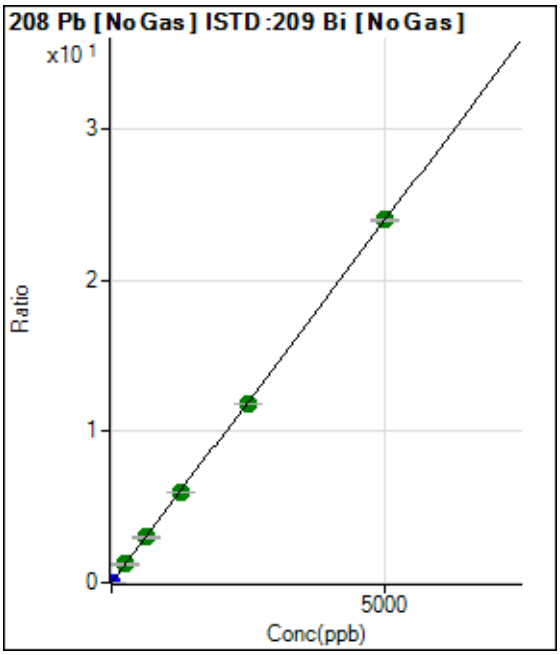
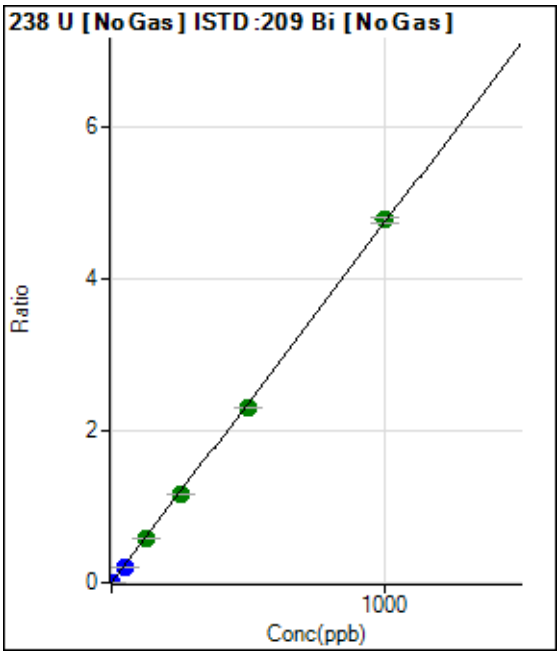


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1433.38	0.0002	P	2.1
2	☐	1.000	0.848	30325.87	0.0043	P	0.2
3	☐	250.000	253.375	9120858.01	1.2145	A	1.3
4	☐	625.000	627.080	22356169.42	3.0056	A	2.4
5	☐	1250.000	1245.256	45457235.64	5.9682	A	0.6
6	☐	2500.000	2475.851	89949209.08	11.8660	A	0.5
7	☐	5000.000	5012.832	181878793.95	24.0248	A	0.4
8	☐			39135.80	0.0059	P	40.9

y = 0.0048 * x + 2.0131E-004
R = 1.0000
DL = 0.002708
BEC = 0.042

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.12	0.0000	P	27.7
2	☐	1.000	0.800	27092.16	0.0038	P	1.5
3	☐	50.000	43.326	1541415.55	0.2053	P	0.6
4	☐	125.000	121.996	4298674.35	0.5779	A	2.2
5	☐	250.000	246.241	8885030.91	1.1664	A	1.6
6	☐	500.000	486.383	17465616.96	2.3040	A	1.0
7	☐	1000.000	1008.458	36167201.41	4.7770	A	1.2
8	☐			3046.72	0.0005	P	60.1

y = 0.0047 * x + 1.9804E-005
R = 0.9999
DL = 0.00347
BEC = 0.004181

Weight: <None>
Min Conc: 0

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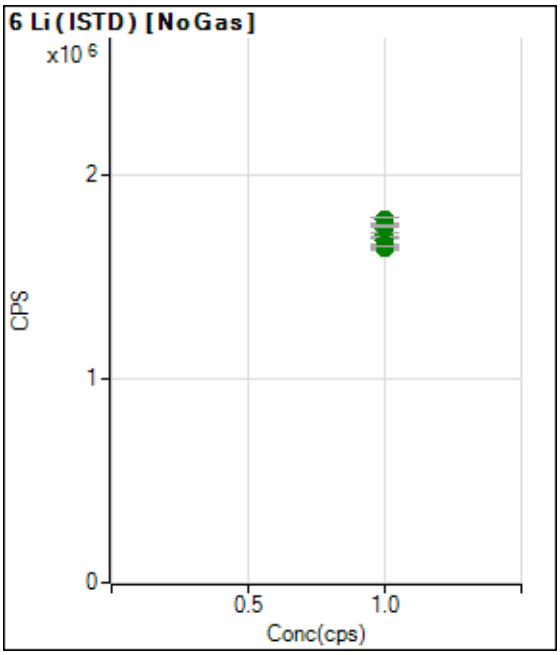
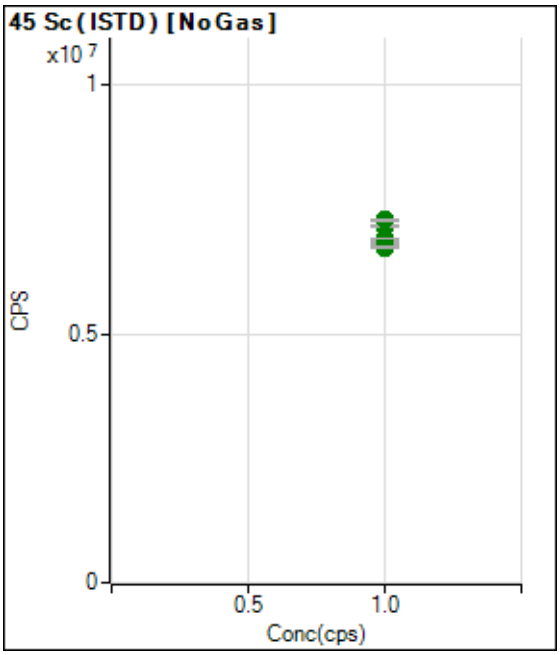


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1636431.33		A	0.7
2	☐	1.000		1675998.12		A	1.8
3	☐	1.000		1709054.40		A	1.2
4	☐	1.000		1735210.84		A	1.7
5	☐	1.000		1753549.66		A	0.2
6	☐	1.000		1778859.70		A	1.4
7	☐	1.000		1747178.39		A	0.4
8	☐	1.000		1649034.58		A	0.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7133494.90		A	0.1
2	☐	1.000		7163176.56		A	0.2
3	☐	1.000		7286509.20		A	0.8
4	☐	1.000		6879944.27		A	0.2
5	☐	1.000		6744699.97		A	0.7
6	☐	1.000		6819319.69		A	0.6
7	☐	1.000		6908425.38		A	0.4
8	☐	1.000		6730648.37		A	0.4

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
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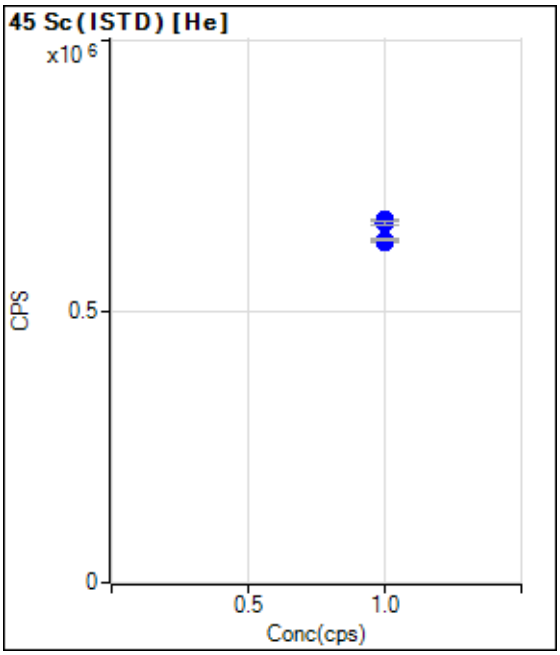

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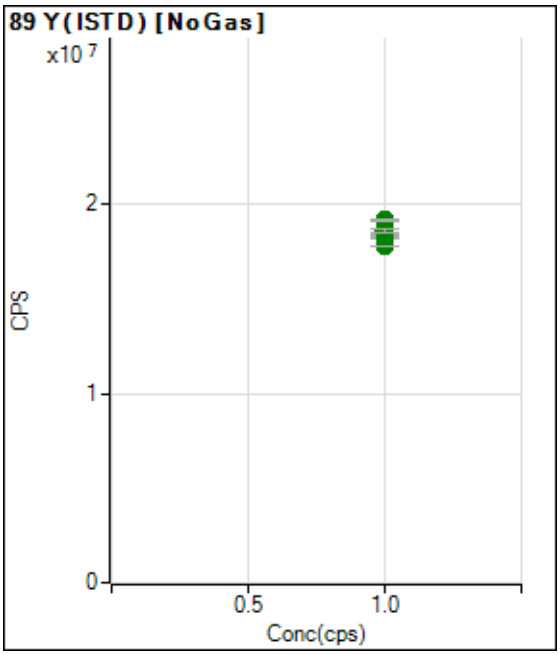
1	☐	1.000		669470.67		P	0.8
2	☐	1.000		670216.03		P	0.4
3	☐	1.000		665284.04		P	1.1
4	☐	1.000		629062.22		P	0.5
5	☐	1.000		630019.06		P	0.3
6	☐	1.000		628772.68		P	0.5
7	☐	1.000		632685.66		P	0.8
8	☐	1.000		633605.46		P	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18704860.14		A	0.5
2	☐	1.000		18697421.11		A	0.2
3	☐	1.000		19172602.35		A	0.6
4	☐	1.000		18231124.04		A	0.5
5	☐	1.000		18250958.20		A	0.3
6	☐	1.000		18441148.06		A	0.5
7	☐	1.000		18593767.36		A	1.0
8	☐	1.000		17782607.10		A	0.2

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
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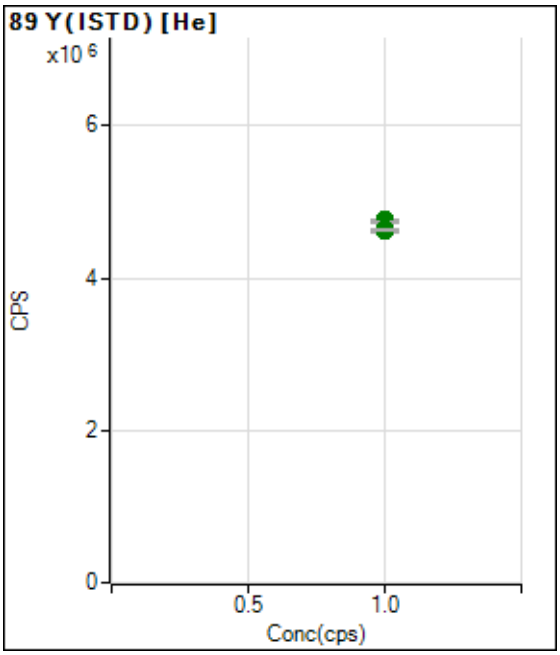
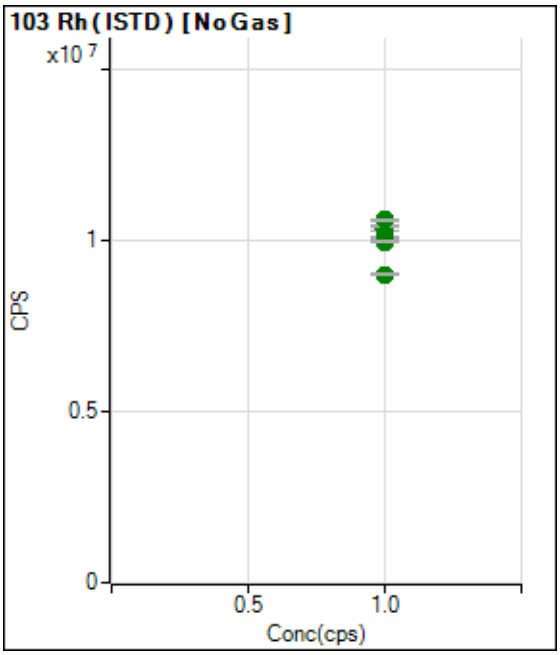


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4763797.50		A	0.4
2	☐	1.000		4741126.91		A	0.8
3	☐	1.000		4745990.34		A	0.5
4	☐	1.000		4621116.98		A	0.6
5	☐	1.000		4621774.48		A	0.8
6	☐	1.000		4624801.28		A	1.1
7	☐	1.000		4623285.21		A	0.4
8	☐	1.000		4639076.39		A	0.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10323477.83		A	0.7
2	☐	1.000		10408828.39		A	0.2
3	☐	1.000		10587296.37		A	0.7
4	☐	1.000		10052536.17		A	0.4
5	☐	1.000		10031774.78		A	1.2
6	☐	1.000		10023668.88		A	0.2
7	☐	1.000		9953769.57		A	0.3
8	☐	1.000		9000795.42		A	0.6

Reviewed By:Mohan
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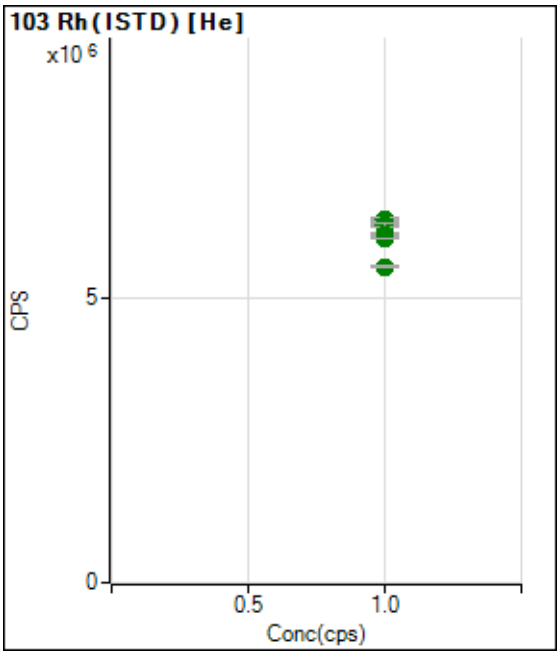
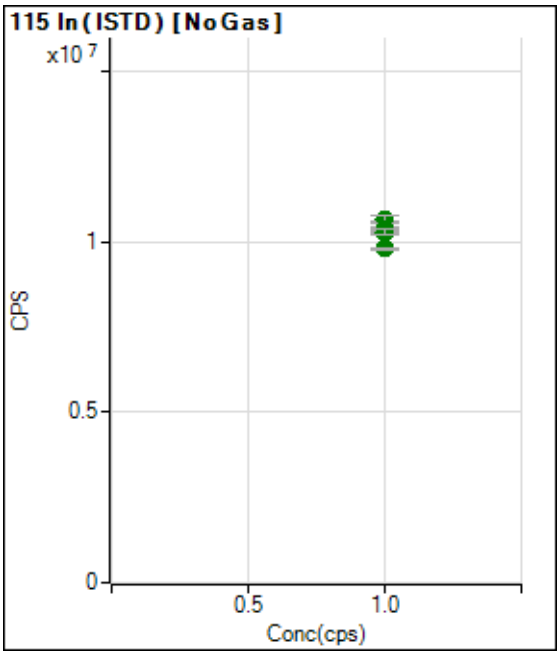


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6320486.71		A	0.3
2	☐	1.000		6316451.36		A	1.6
3	☐	1.000		6364413.58		A	1.4
4	☐	1.000		6149458.03		A	0.2
5	☐	1.000		6266512.48		A	0.9
6	☐	1.000		6101115.74		A	0.5
7	☐	1.000		6041100.32		A	0.4
8	☐	1.000		5543020.96		A	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10434439.02		A	0.4
2	☐	1.000		10523294.13		A	1.2
3	☐	1.000		10638249.88		A	2.0
4	☐	1.000		10364511.55		A	1.3
5	☐	1.000		10278698.81		A	0.4
6	☐	1.000		10340077.09		A	0.3
7	☐	1.000		10286150.22		A	1.2
8	☐	1.000		9783866.92		A	0.8

Reviewed By:Mohan
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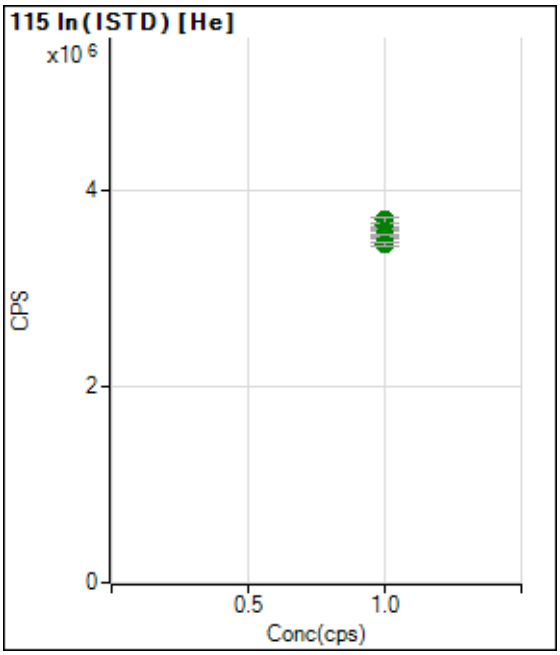
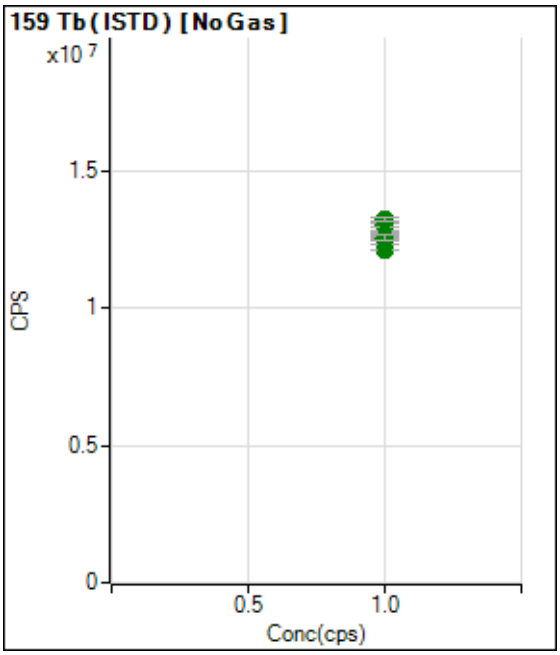


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3617456.72		A	0.5
2	☐	1.000		3634247.35		A	1.8
3	☐	1.000		3692707.78		A	1.8
4	☐	1.000		3508752.56		A	0.4
5	☐	1.000		3583924.06		A	0.5
6	☐	1.000		3536961.97		A	0.8
7	☐	1.000		3442545.06		A	1.5
8	☐	1.000		3442806.78		A	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12129753.99		A	0.1
2	☐	1.000		12321198.15		A	0.3
3	☐	1.000		12774118.00		A	0.8
4	☐	1.000		12570074.67		A	1.0
5	☐	1.000		12771076.20		A	0.5
6	☐	1.000		13026368.42		A	1.3
7	☐	1.000		13208593.14		A	0.9
8	☐	1.000		12563553.01		A	1.2

Reviewed By:Mohan
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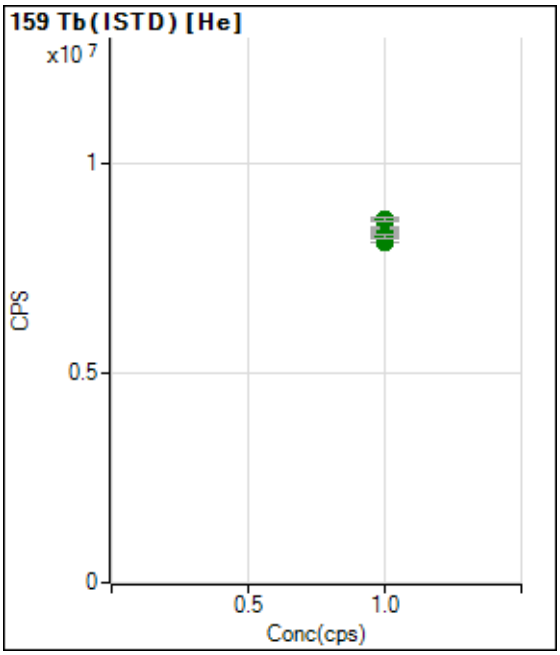
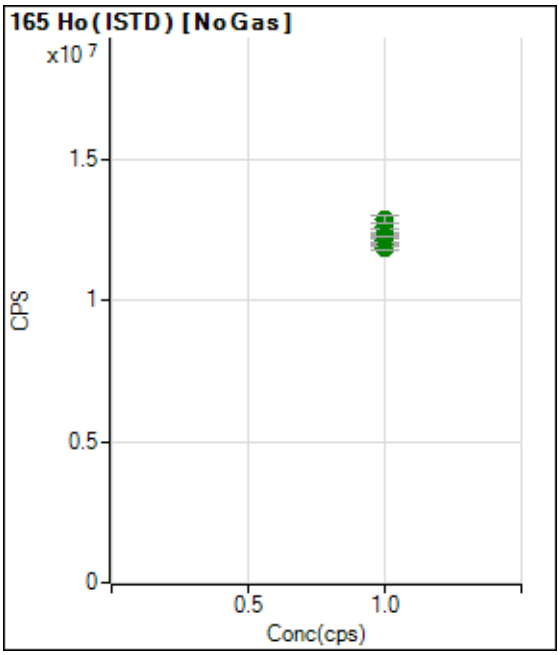


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8124594.95		A	0.3
2	☐	1.000		8240999.88		A	0.2
3	☐	1.000		8436261.89		A	1.7
4	☐	1.000		8382472.10		A	0.8
5	☐	1.000		8487047.37		A	0.8
6	☐	1.000		8669522.30		A	0.8
7	☐	1.000		8667012.51		A	1.1
8	☐	1.000		8277984.25		A	1.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11938985.10		A	0.4
2	☐	1.000		11861659.27		A	1.2
3	☐	1.000		12304702.45		A	0.2
4	☐	1.000		12129265.51		A	0.7
5	☐	1.000		12384239.54		A	0.7
6	☐	1.000		12641488.56		A	1.2
7	☐	1.000		12862263.56		A	2.2
8	☐	1.000		12251649.96		A	0.1

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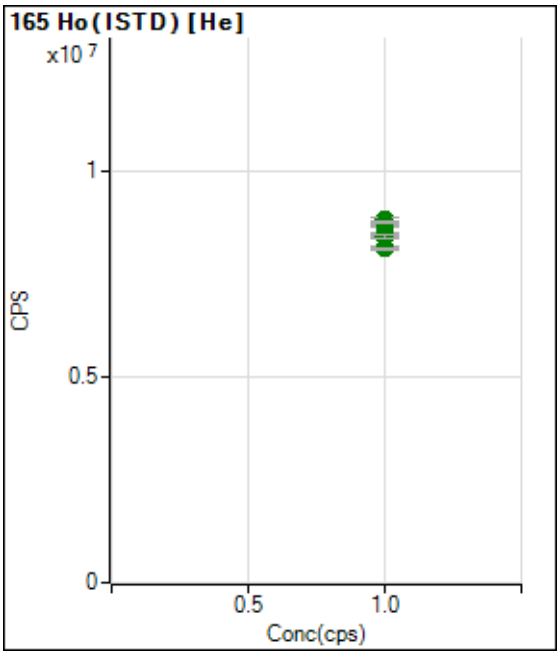
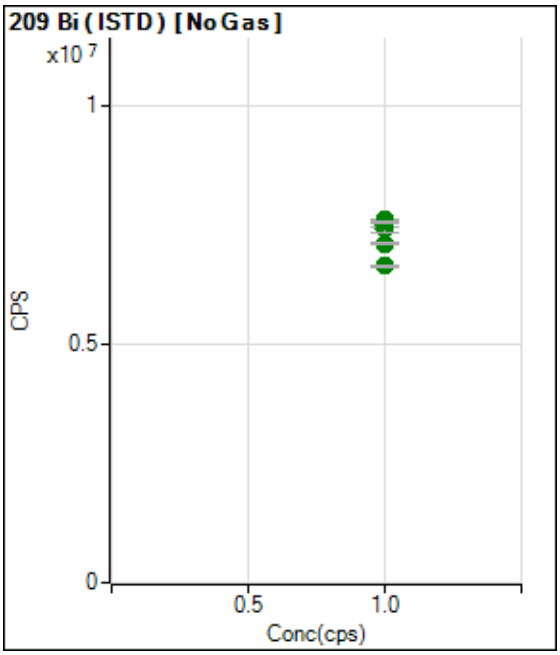


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8147087.59		A	0.4
2	☐	1.000		8123163.49		A	0.4
3	☐	1.000		8473579.53		A	1.0
4	☐	1.000		8485303.35		A	1.0
5	☐	1.000		8824173.55		A	1.9
6	☐	1.000		8657448.55		A	0.6
7	☐	1.000		8764468.34		A	0.6
8	☐	1.000		8407151.40		A	0.9



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1	☐	1.000		7119743.43		A	0.5
2	☐	1.000		7110787.39		A	0.5
3	☐	1.000		7509919.89		A	0.8
4	☐	1.000		7441219.47		A	2.7
5	☐	1.000		7616546.76		A	0.8
6	☐	1.000		7580590.51		A	1.0
7	☐	1.000		7570628.57		A	1.0
8	☐	1.000		6641795.94		A	0.5

Reviewed By:Mohan
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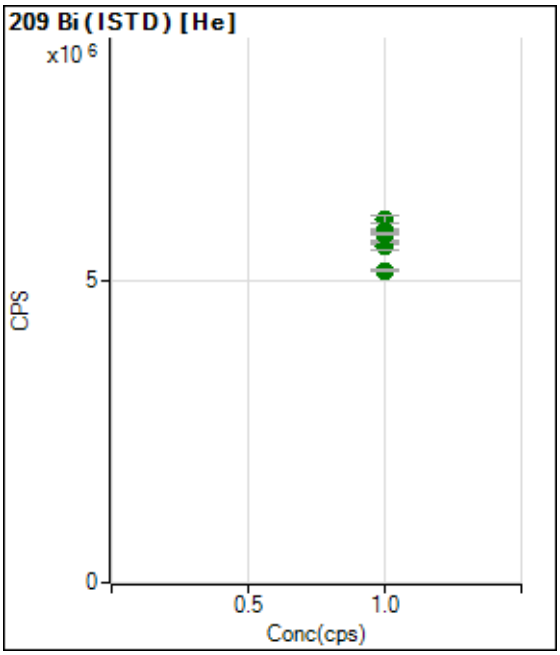

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1	☐	1.000		5573120.47		A	1.9
2	☐	1.000		5667558.46		A	0.4
3	☐	1.000		5839895.61		A	0.3
4	☐	1.000		5850357.27		A	1.0
5	☐	1.000		6018719.29		A	2.0
6	☐	1.000		5827838.66		A	0.8
7	☐	1.000		5788032.21		A	1.0
8	☐	1.000		5180169.13		A	0.9

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7
ClientSampleId :TUNE003

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102424-MS4.b
Acq. Date-Time	2024-10-24 11:46:49
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		13115	131150.53			0.572	5.000
24		469687	4696872.29			0.387	5.000
25		65111	651109.58			0.289	5.000
26		76824	768239.80			0.681	5.000
59		104131	1041308.97			0.622	5.000
113		6904	69044.72			1.338	5.000
115		154535	1545345.21			1.254	5.000
206		26637	266370.71			1.052	5.000
207		21818	218179.09			1.187	5.000
208		54024	540238.20			1.352	5.000
220		1	9.40			9.515	

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

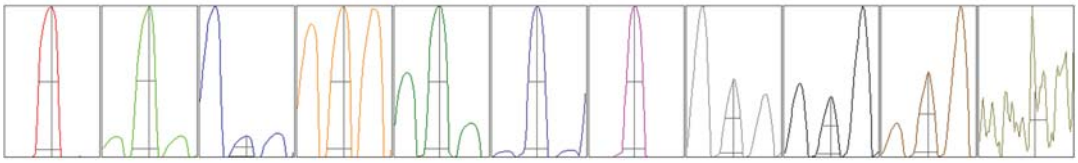
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	13181	13157	13165	13061	13011
24	468905	469502	467405	470298	472327
25	64781	65167	65153	65199	65254
26	76554	77267	76991	76046	77262
59	104622	104831	103570	103351	104281
113	7009	6989	6893	6815	6816
115	157059	155645	154722	152809	152437
206	27091	26689	26585	26401	26419
207	22226	21738	21901	21572	21652
208	55235	53991	53901	53717	53277

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	22187.96	9.00	8.90 - 9.10	
24	823778.94	24.00	23.90 - 24.10	
25	113316.66	25.00	24.90 - 25.10	
26	128269.18	26.00	25.90 - 26.10	
59	179772.10	58.95	58.90 - 59.10	
113	13260.47	112.95	112.90 - 113.10	
115	298083.18	114.95	114.90 - 115.10	
206	56132.70	206.00	205.90 - 206.10	
207	46213.60	207.00	206.90 - 207.10	
208	114131.59	208.00	207.90 - 208.10	
220	1.10	220.30	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.782	0.900	
24	0.61	0.820	0.900	
25	0.61	0.780	0.900	
26	0.63	0.782	0.900	
59	0.61	0.770	0.900	
113	0.53	0.737	0.900	
115	0.51	0.734	0.900	
206	0.48	0.740	0.900	
207	0.48	0.760	0.900	
208	0.50	0.758	0.900	
220	0.54			

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	9.6 V	Deflect	14.8 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-110 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	137	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.09		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm

EM

Discriminator	4.8 mV	Analog HV	2414 V	Pulse HV	1951 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		38710	387102.87			0.611	
89		168349	1683492.70			2.115	
205		37972	379720.12			0.483	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	38982	38918	38414	38584	38653
89	166289	169222	164881	174056	167299
205	38147	38123	37835	37729	38026

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	9.7 V	Deflect	3.8 V

US EPA Tune Check Report

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7
ClientSampleId :TUNE003

Extract 2	-235.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-110 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	137	Axis Gain	0.9979	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.09		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2414 V	Pulse HV	1951 V

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:20:50	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	0.06	-0.03	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	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.04	0.01	0.00	N/A	ppb
Cadmium	106-1	0.09	-0.10	0.02	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	-0.63	0.50	0.13	0.00	N/A	ppb
Calcium	44-1	0.10	-0.13	0.03	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.06	-0.05	-0.01	0.00	N/A	ppb
Iron	57-2	-0.91	0.42	0.49	0.00	N/A	ppb
Iron	54-2	0.36	-0.04	-0.32	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:20:50	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	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	-0.06	0.15	-0.09	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-13.78	-13.27	-13.80	-13.62		ppb
Potassium	39-2	0.18	0.50	-0.68	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.08	-0.09	0.01	0.00	N/A	ppb
Selenium	77-2	-0.10	0.05	0.05	0.00	N/A	ppb
Selenium	78-2	1.18	-0.69	-0.49	0.00	N/A	ppb
Silicon	28-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.08	-0.04	-0.04	0.00	N/A	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-42.54	-39.27	-94.46	-58.75		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.02	-0.02	0.00	N/A	ppb
Titanium	47-1	0.00	0.03	-0.02	0.00	N/A	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:20:50	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	-0.06	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:24:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.72	21.68	21.24	21.21	2.26	ppb
Antimony	121-1	1.89	1.98	1.92	1.93	2.16	ppb
Arsenic	75-2	0.94	0.95	1.11	1.00	9.62	ppb
Barium	135-1	9.21	9.12	9.19	9.17	0.55	ppb
Barium	137-1	9.21	9.24	9.23	9.23	0.17	ppb
Beryllium	9-1	1.07	1.10	1.01	1.06	4.08	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	1.04	0.94	0.95	8.54	ppb
Cadmium	106-1	1.98	1.48	0.95	1.47	35.33	ppb
Cadmium	111-1	1.06	1.03	1.04	1.05	1.28	ppb
Calcium	43-1	500.38	505.15	493.30	499.61	1.19	ppb
Calcium	44-1	499.24	512.23	512.42	507.96	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	1.99	2.04	2.01	1.21	ppb
Cobalt	59-2	1.04	1.03	1.01	1.03	1.30	ppb
Copper	63-2	2.06	2.09	2.05	2.07	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	53.24	52.81	52.66	52.90	0.56	ppb
Iron	57-2	52.02	55.79	54.72	54.18	3.59	ppb
Iron	54-2	54.06	54.71	53.79	54.19	0.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:24:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.85	0.85	0.87	0.85	1.45	ppb
Lead	207-1	0.82	0.83	0.83	0.83	0.40	ppb
Lead	208-1	0.85	0.85	0.85	0.85	0.26	ppb
Lithium	6-1				102		%
Magnesium	24-2	532.36	534.04	533.11	533.17	0.16	ppb
Manganese	55-2	0.98	1.02	1.01	1.00	1.95	ppb
Molybdenum	94-1	5.08	5.22	5.22	5.17	1.61	ppb
Molybdenum	95-1	4.23	4.32	4.32	4.29	1.21	ppb
Molybdenum	96-1	4.32	4.38	4.45	4.38	1.58	ppb
Molybdenum	97-1	4.28	4.37	4.30	4.31	1.10	ppb
Molybdenum	98-1	4.24	4.27	4.40	4.30	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.03	1.05	1.03	2.08	ppb
Phosphorus	31-2	10.96	12.99	16.90	13.62	22.17	ppb
Potassium	39-2	499.39	501.64	499.75	500.26	0.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	5.03	5.11	5.59	5.24	5.79	ppb
Selenium	77-2	3.43	5.81	5.50	4.91	26.35	ppb
Selenium	78-2	5.12	3.43	4.33	4.29	19.63	ppb
Silicon	28-1	0.83	0.94	0.88	0.88	6.15	ppb
Silver	107-1	0.96	0.96	1.02	0.98	3.14	ppb
Silver	109-1	0.97	0.98	0.99	0.98	0.86	ppb
Sodium	23-2	502.94	512.48	504.24	506.55	1.02	ppb
Strontium	86-1	0.95	0.95	0.99	0.96	2.85	ppb
Strontium	88-1	0.92	0.95	0.97	0.95	2.59	ppb
Sulfur	34-1	39.27	57.39	79.60	58.75	34.38	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.85	0.82	0.84	0.84	1.41	ppb
Thallium	205-1	0.85	0.86	0.86	0.86	0.77	ppb
Tin	118-1	4.69	4.85	4.84	4.79	1.91	ppb
Titanium	47-1	4.53	4.29	4.49	4.44	2.79	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:24:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.81	0.79	0.80	1.47	ppb
Vanadium	51-2	4.80	4.92	5.00	4.91	2.11	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	4.97	5.08	4.86	4.97	2.14	ppb
Zirconium	90-1	0.93	0.94	0.96	0.94	1.45	ppb
Zirconium	91-1	0.93	0.92	0.95	0.93	1.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:27:25	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1107.54	1106.78	1117.05	1110.46	0.52	ppb
Antimony	121-1	50.51	52.14	52.21	51.62	1.87	ppb
Arsenic	75-2	53.79	52.41	52.98	53.06	1.30	ppb
Barium	135-1	248.53	254.57	252.91	252.01	1.24	ppb
Barium	137-1	245.23	252.08	255.60	250.97	2.10	ppb
Beryllium	9-1	56.67	57.01	55.44	56.38	1.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.54	55.97	55.17	55.23	1.30	ppb
Cadmium	106-1	56.24	56.71	56.40	56.45	0.42	ppb
Cadmium	111-1	53.69	54.75	55.19	54.54	1.41	ppb
Calcium	43-1	6211.91	6274.42	6275.81	6254.04	0.58	ppb
Calcium	44-1	5560.07	5611.27	5477.39	5549.58	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.38	53.17	53.32	53.29	0.20	ppb
Cobalt	59-2	52.31	52.47	52.61	52.46	0.29	ppb
Copper	63-2	526.66	527.48	541.07	531.74	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				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	2686.55	2698.08	2692.52	2692.39	0.21	ppb
Iron	57-2	2810.59	2819.48	2847.14	2825.74	0.67	ppb
Iron	54-2	2876.26	2873.35	2903.15	2884.25	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:27:25	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	247.95	246.92	252.63	249.16	1.22	ppb
Lead	207-1	253.33	250.44	259.81	254.53	1.89	ppb
Lead	208-1	252.26	250.76	257.11	253.38	1.31	ppb
Lithium	6-1				104		%
Magnesium	24-2	5224.29	5176.25	5126.23	5175.59	0.95	ppb
Manganese	55-2	516.30	522.62	520.84	519.92	0.63	ppb
Molybdenum	94-1	512.48	507.98	502.90	507.79	0.94	ppb
Molybdenum	95-1	516.59	510.03	505.95	510.86	1.05	ppb
Molybdenum	96-1	517.18	506.21	501.92	508.44	1.55	ppb
Molybdenum	97-1	512.81	511.47	519.63	514.64	0.85	ppb
Molybdenum	98-1	507.63	511.00	512.88	510.50	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.62	52.69	53.08	52.80	0.47	ppb
Phosphorus	31-2	1041.66	1061.47	1058.74	1053.95	1.02	ppb
Potassium	39-2	2495.80	2534.54	2552.22	2527.52	1.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	53.36	53.09	53.04	53.16	0.33	ppb
Selenium	77-2	51.33	56.30	52.65	53.43	4.82	ppb
Selenium	78-2	53.29	55.00	53.60	53.96	1.69	ppb
Silicon	28-1	39.01	38.84	38.80	38.88	0.28	ppb
Silver	107-1	54.55	56.14	55.50	55.40	1.44	ppb
Silver	109-1	54.18	55.39	54.65	54.74	1.11	ppb
Sodium	23-2	5316.72	5251.46	5243.58	5270.59	0.76	ppb
Strontium	86-1	1293.15	1277.21	1285.93	1285.43	0.62	ppb
Strontium	88-1	1301.49	1282.29	1284.57	1289.45	0.81	ppb
Sulfur	34-1	855.83	907.43	868.02	877.10	3.07	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	45.61	45.67	45.97	45.75	0.42	ppb
Thallium	205-1	45.12	44.87	45.34	45.11	0.52	ppb
Tin	118-1	51.59	53.22	52.56	52.46	1.56	ppb
Titanium	47-1	518.24	521.08	523.74	521.02	0.53	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:27:25	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	43.17	43.19	43.62	43.33	0.59	ppb
Vanadium	51-2	52.41	52.57	52.94	52.64	0.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	530.28	532.74	532.71	531.91	0.26	ppb
Zirconium	90-1	51.00	51.29	50.90	51.06	0.39	ppb
Zirconium	91-1	51.14	51.20	50.82	51.05	0.41	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:30:25	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2608.26	2628.95	2615.23	2617.48	0.40	ppb
Antimony	121-1	124.69	132.18	128.30	128.39	2.92	ppb
Arsenic	75-2	128.28	129.07	127.77	128.37	0.51	ppb
Barium	135-1	644.00	666.59	647.71	652.77	1.86	ppb
Barium	137-1	634.74	663.19	656.14	651.36	2.28	ppb
Beryllium	9-1	135.87	134.01	135.79	135.22	0.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	132.07	138.50	135.68	135.41	2.38	ppb
Cadmium	106-1	131.17	140.02	136.64	135.94	3.28	ppb
Cadmium	111-1	130.24	134.68	131.91	132.28	1.70	ppb
Calcium	43-1	15493.05	15749.21	15637.95	15626.74	0.82	ppb
Calcium	44-1	13693.95	13881.28	13820.63	13798.62	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.54	133.29	133.15	132.99	0.30	ppb
Cobalt	59-2	130.94	132.27	131.36	131.52	0.52	ppb
Copper	63-2	1332.41	1317.28	1306.94	1318.88	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				102		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	6740.69	6766.59	6767.29	6758.19	0.22	ppb
Iron	57-2	7026.02	7079.17	7077.54	7060.91	0.43	ppb
Iron	54-2	6958.16	6842.16	6915.40	6905.24	0.85	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:30:25	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	644.99	632.38	612.89	630.09	2.57	ppb
Lead	207-1	631.00	645.21	602.67	626.29	3.46	ppb
Lead	208-1	631.60	639.54	610.10	627.08	2.43	ppb
Lithium	6-1				106		%
Magnesium	24-2	12973.11	12994.88	12928.30	12965.43	0.26	ppb
Manganese	55-2	1301.79	1292.20	1290.90	1294.97	0.46	ppb
Molybdenum	94-1	1274.52	1290.66	1261.69	1275.62	1.14	ppb
Molybdenum	95-1	1265.61	1287.46	1274.08	1275.72	0.86	ppb
Molybdenum	96-1	1280.33	1280.22	1284.67	1281.74	0.20	ppb
Molybdenum	97-1	1273.94	1286.82	1283.61	1281.46	0.52	ppb
Molybdenum	98-1	1260.95	1279.55	1270.36	1270.29	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.02	131.68	131.07	130.93	0.64	ppb
Phosphorus	31-2	2632.47	2626.57	2577.85	2612.29	1.15	ppb
Potassium	39-2	6276.34	6232.30	6276.04	6261.56	0.40	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	133.01	132.40	133.32	132.91	0.35	ppb
Selenium	77-2	130.70	122.56	130.13	127.80	3.56	ppb
Selenium	78-2	131.02	131.93	134.68	132.54	1.44	ppb
Silicon	28-1	120.12	121.35	122.08	121.19	0.82	ppb
Silver	107-1	136.31	137.52	139.45	137.76	1.15	ppb
Silver	109-1	136.70	139.85	138.47	138.34	1.14	ppb
Sodium	23-2	13118.78	13274.97	13175.08	13189.61	0.60	ppb
Strontium	86-1	3187.84	3213.14	3173.70	3191.56	0.63	ppb
Strontium	88-1	3192.65	3260.17	3257.49	3236.77	1.18	ppb
Sulfur	34-1	2641.26	2587.10	2525.32	2584.56	2.24	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	112.63	115.09	111.25	112.99	1.72	ppb
Thallium	205-1	126.96	125.79	122.54	125.10	1.83	ppb
Tin	118-1	125.67	130.14	128.69	128.17	1.78	ppb
Titanium	47-1	1252.98	1281.79	1280.01	1271.59	1.27	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:30:25	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	123.43	123.62	118.94	122.00	2.17	ppb
Vanadium	51-2	131.08	132.01	131.37	131.49	0.36	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	1319.63	1322.56	1323.93	1322.04	0.17	ppb
Zirconium	90-1	127.15	127.03	128.09	127.42	0.46	ppb
Zirconium	91-1	126.82	129.09	128.04	127.98	0.89	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:33:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4970.28	4949.28	4922.32	4947.29	0.49	ppb
Antimony	121-1	251.58	261.06	262.30	258.31	2.27	ppb
Arsenic	75-2	250.41	253.79	253.13	252.45	0.71	ppb
Barium	135-1	1246.07	1274.29	1276.12	1265.49	1.33	ppb
Barium	137-1	1251.96	1275.39	1269.76	1265.70	0.97	ppb
Beryllium	9-1	261.02	266.87	265.28	264.39	1.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	255.69	261.00	263.02	259.90	1.46	ppb
Cadmium	106-1	257.69	263.07	265.03	261.93	1.45	ppb
Cadmium	111-1	252.00	259.86	259.15	257.00	1.69	ppb
Calcium	43-1	30424.91	30912.17	31239.64	30858.91	1.33	ppb
Calcium	44-1	27026.47	27111.16	27828.38	27322.00	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257.66	253.40	256.26	255.77	0.85	ppb
Cobalt	59-2	252.22	257.87	254.49	254.86	1.12	ppb
Copper	63-2	2619.71	2588.94	2620.09	2609.58	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				104		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	13306.70	13121.72	13260.65	13229.69	0.73	ppb
Iron	57-2	13257.52	13179.80	13205.52	13214.28	0.30	ppb
Iron	54-2	13453.89	13465.78	13441.61	13453.76	0.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:33:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1246.02	1252.96	1274.21	1257.73	1.17	ppb
Lead	207-1	1237.60	1245.34	1243.76	1242.23	0.33	ppb
Lead	208-1	1242.65	1238.97	1254.15	1245.26	0.64	ppb
Lithium	6-1				107		%
Magnesium	24-2	25288.85	25253.79	25210.48	25251.04	0.16	ppb
Manganese	55-2	2529.61	2506.63	2532.26	2522.83	0.56	ppb
Molybdenum	94-1	2463.32	2487.72	2544.34	2498.46	1.66	ppb
Molybdenum	95-1	2483.68	2548.27	2557.73	2529.90	1.59	ppb
Molybdenum	96-1	2491.01	2532.29	2561.94	2528.41	1.41	ppb
Molybdenum	97-1	2501.96	2566.27	2523.97	2530.73	1.29	ppb
Molybdenum	98-1	2501.29	2537.64	2547.93	2528.95	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.11	258.82	252.62	255.52	1.22	ppb
Phosphorus	31-2	5010.34	5063.14	5052.83	5042.10	0.56	ppb
Potassium	39-2	12263.84	12262.49	12110.49	12212.27	0.72	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	253.62	259.72	262.95	258.76	1.83	ppb
Selenium	77-2	247.68	257.68	245.94	250.43	2.53	ppb
Selenium	78-2	253.12	256.54	252.18	253.94	0.90	ppb
Silicon	28-1	244.11	246.26	253.91	248.10	2.08	ppb
Silver	107-1	261.79	266.10	269.55	265.81	1.46	ppb
Silver	109-1	263.49	266.67	262.89	264.35	0.77	ppb
Sodium	23-2	25803.75	25825.91	25935.85	25855.17	0.27	ppb
Strontium	86-1	6189.45	6324.44	6359.99	6291.29	1.43	ppb
Strontium	88-1	6236.69	6418.58	6417.73	6357.67	1.65	ppb
Sulfur	34-1	4985.94	4851.10	4907.19	4914.74	1.38	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	244.19	252.51	251.29	249.33	1.80	ppb
Thallium	205-1	246.95	247.51	249.06	247.84	0.44	ppb
Tin	118-1	251.43	258.06	256.95	255.48	1.39	ppb
Titanium	47-1	2495.20	2511.40	2574.78	2527.13	1.66	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:33:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	242.07	249.67	246.98	246.24	1.57	ppb
Vanadium	51-2	250.21	248.94	254.03	251.06	1.05	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	2620.87	2623.53	2617.77	2620.72	0.11	ppb
Zirconium	90-1	248.06	250.78	252.42	250.42	0.88	ppb
Zirconium	91-1	247.81	253.72	254.30	251.94	1.42	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:36:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9788.63	9673.15	9750.99	9737.59	0.60	ppb
Antimony	121-1	504.52	493.85	498.02	498.80	1.08	ppb
Arsenic	75-2	491.22	489.99	498.48	493.23	0.93	ppb
Barium	135-1	2461.44	2455.75	2470.65	2462.62	0.31	ppb
Barium	137-1	2463.55	2431.16	2521.49	2472.07	1.85	ppb
Beryllium	9-1	504.04	502.91	511.50	506.15	0.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	502.44	498.02	512.36	504.27	1.46	ppb
Cadmium	106-1	503.27	495.29	509.67	502.75	1.43	ppb
Cadmium	111-1	493.81	490.55	498.07	494.14	0.76	ppb
Calcium	43-1	57630.03	58049.51	58036.36	57905.30	0.41	ppb
Calcium	44-1	52685.06	53088.45	53504.15	53092.55	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.49	496.37	497.47	497.45	0.21	ppb
Cobalt	59-2	504.29	496.61	508.97	503.29	1.24	ppb
Copper	63-2	5025.58	5043.85	5030.67	5033.37	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				106		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	26047.70	25783.50	26018.28	25949.82	0.56	ppb
Iron	57-2	26071.11	25797.11	26152.61	26006.94	0.72	ppb
Iron	54-2	26390.69	26489.10	26212.46	26364.08	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:36:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2501.23	2487.27	2483.30	2490.60	0.38	ppb
Lead	207-1	2496.16	2482.85	2455.47	2478.16	0.84	ppb
Lead	208-1	2483.06	2484.16	2460.33	2475.85	0.54	ppb
Lithium	6-1				109		%
Magnesium	24-2	49561.88	49543.05	49653.69	49586.20	0.12	ppb
Manganese	55-2	4982.85	4949.38	4974.29	4968.84	0.35	ppb
Molybdenum	94-1	4834.77	4888.96	4976.66	4900.13	1.46	ppb
Molybdenum	95-1	4904.71	4923.52	4949.83	4926.02	0.46	ppb
Molybdenum	96-1	4907.00	4932.55	4979.47	4939.67	0.74	ppb
Molybdenum	97-1	4909.75	4960.62	4956.05	4942.14	0.57	ppb
Molybdenum	98-1	4954.07	4935.26	4990.09	4959.81	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.26	491.61	498.42	495.10	0.69	ppb
Phosphorus	31-2	9941.80	9948.53	9903.58	9931.30	0.24	ppb
Potassium	39-2	24011.07	24034.01	23778.80	23941.29	0.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	499.34	499.11	502.77	500.41	0.41	ppb
Selenium	77-2	498.82	498.19	510.09	502.37	1.33	ppb
Selenium	78-2	504.12	495.98	494.66	498.25	1.03	ppb
Silicon	28-1	533.38	543.53	547.87	541.59	1.37	ppb
Silver	107-1	510.31	503.02	509.99	507.77	0.81	ppb
Silver	109-1	511.70	502.45	510.19	508.11	0.98	ppb
Sodium	23-2	50750.49	50353.94	50759.00	50621.14	0.46	ppb
Strontium	86-1	12384.98	12194.08	12472.05	12350.37	1.15	ppb
Strontium	88-1	12352.98	12465.73	12452.92	12423.88	0.50	ppb
Sulfur	34-1	9373.47	9546.18	9489.27	9469.64	0.93	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	502.55	492.86	491.37	495.60	1.23	ppb
Thallium	205-1	490.72	496.27	500.84	495.94	1.02	ppb
Tin	118-1	498.47	490.42	509.90	499.60	1.96	ppb
Titanium	47-1	4865.68	4972.63	4963.75	4934.02	1.20	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:36:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	484.54	491.95	482.66	486.38	1.01	ppb
Vanadium	51-2	494.06	499.11	494.29	495.82	0.58	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	5040.54	4965.98	5021.86	5009.46	0.77	ppb
Zirconium	90-1	486.93	498.87	499.49	495.10	1.43	ppb
Zirconium	91-1	488.51	492.60	502.62	494.58	1.47	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:38:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19720.67	19534.62	19566.22	19607.17	0.51	ppb
Antimony	121-1	987.81	998.97	1007.27	998.02	0.98	ppb
Arsenic	75-2	1007.20	999.98	999.42	1002.20	0.43	ppb
Barium	135-1	4952.95	5013.03	5067.77	5011.25	1.15	ppb
Barium	137-1	4998.57	5024.14	4997.39	5006.70	0.30	ppb
Beryllium	9-1	968.93	1016.71	989.55	991.73	2.42	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	990.87	990.42	1000.19	993.83	0.56	ppb
Cadmium	106-1	992.22	986.92	1002.72	993.95	0.81	ppb
Cadmium	111-1	995.09	1004.39	1000.64	1000.04	0.47	ppb
Calcium	43-1	115342.58	116125.05	118024.80	116497.48	1.18	ppb
Calcium	44-1	107503.73	108108.15	108250.87	107954.25	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1005.43	996.38	994.20	998.67	0.60	ppb
Cobalt	59-2	1003.97	989.77	994.86	996.20	0.72	ppb
Copper	63-2	10002.44	9890.78	9943.95	9945.72	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	52641.68	51740.36	52085.69	52155.91	0.87	ppb
Iron	57-2	52460.14	51287.03	51922.40	51889.86	1.13	ppb
Iron	54-2	53192.31	52349.43	52145.72	52562.49	1.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:38:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4969.56	5000.56	5036.40	5002.17	0.67	ppb
Lead	207-1	4999.31	5036.49	5001.62	5012.47	0.42	ppb
Lead	208-1	5014.34	5029.99	4994.16	5012.83	0.36	ppb
Lithium	6-1				107		%
Magnesium	24-2	100606.48	100843.22	98725.22	100058.31	1.16	ppb
Manganese	55-2	10102.21	9986.35	9921.20	10003.25	0.92	ppb
Molybdenum	94-1	10034.72	10083.45	10022.01	10046.73	0.32	ppb
Molybdenum	95-1	10042.30	10065.08	9969.90	10025.76	0.50	ppb
Molybdenum	96-1	9974.95	10082.81	9998.24	10018.67	0.57	ppb
Molybdenum	97-1	9943.06	10190.61	9916.08	10016.58	1.51	ppb
Molybdenum	98-1	9969.68	10114.74	9944.98	10009.80	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1011.49	997.67	991.42	1000.19	1.03	ppb
Phosphorus	31-2	20086.68	19953.75	19980.84	20007.09	0.35	ppb
Potassium	39-2	48433.22	48453.38	48126.17	48337.59	0.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	991.17	1002.45	995.74	996.46	0.57	ppb
Selenium	77-2	998.90	1024.48	971.18	998.19	2.67	ppb
Selenium	78-2	1008.73	994.70	992.81	998.75	0.87	ppb
Silicon	28-1	980.49	982.08	979.84	980.80	0.12	ppb
Silver	107-1	988.84	984.99	997.05	990.30	0.62	ppb
Silver	109-1	990.68	992.72	987.96	990.45	0.24	ppb
Sodium	23-2	103690.12	102075.71	102435.49	102733.77	0.82	ppb
Strontium	86-1	24949.78	25232.86	24980.56	25054.40	0.62	ppb
Strontium	88-1	24923.88	25256.90	24804.83	24995.20	0.94	ppb
Sulfur	34-1	20294.17	20447.86	20104.18	20282.07	0.85	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	992.84	1018.14	1001.27	1004.08	1.28	ppb
Thallium	205-1	999.83	1016.12	992.46	1002.80	1.21	ppb
Tin	118-1	985.78	998.69	1010.47	998.31	1.24	ppb
Titanium	47-1	9997.31	10043.74	10026.33	10022.46	0.23	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:38:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	994.50	1012.25	1018.63	1008.46	1.24	ppb
Vanadium	51-2	1004.10	999.53	999.02	1000.88	0.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	10054.33	9885.45	9923.69	9954.49	0.89	ppb
Zirconium	90-1	996.91	1010.69	998.37	1001.99	0.76	ppb
Zirconium	91-1	996.23	1010.65	998.51	1001.80	0.77	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:41:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99256.21	99883.41	101170.59	100103.40	0.97	ppb
Antimony	121-1	0.70	0.70	0.70	0.70	0.16	ppb
Arsenic	75-2	0.50	0.55	0.60	0.55	9.10	ppb
Barium	135-1	2.03	2.14	2.10	2.09	2.76	ppb
Barium	137-1	2.04	2.09	1.95	2.03	3.27	ppb
Beryllium	9-1	0.11	0.20	0.09	0.13	44.18	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.41	0.19	0.27	0.29	37.56	ppb
Cadmium	106-1	0.84	0.06	0.03	0.31	147.55	ppb
Cadmium	111-1	0.17	0.10	0.12	0.13	27.32	ppb
Calcium	43-1	490858.28	494635.68	501085.00	495526.32	1.04	ppb
Calcium	44-1	496092.90	493386.69	504357.89	497945.83	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.10	3.10	3.11	3.10	0.27	ppb
Cobalt	59-2	2.61	2.57	2.57	2.58	0.79	ppb
Copper	63-2	1.91	1.88	1.89	1.89	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	247583.25	248394.81	252290.11	249422.72	1.01	ppb
Iron	57-2	248118.53	247898.37	252369.37	249462.09	1.01	ppb
Iron	54-2	248748.55	248713.80	250387.20	249283.18	0.38	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:41:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.99	1.83	0.84	1.22	43.73	ppb
Lead	207-1	0.95	1.84	0.83	1.21	45.84	ppb
Lead	208-1	0.96	1.76	0.84	1.19	42.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	501209.95	494011.34	504789.93	500003.74	1.10	ppb
Manganese	55-2	4.80	4.84	4.76	4.80	0.80	ppb
Molybdenum	94-1	2.35	2.23	2.26	2.28	2.72	ppb
Molybdenum	95-1	1.50	1.48	1.42	1.47	2.60	ppb
Molybdenum	96-1	2.96	2.99	2.99	2.98	0.60	ppb
Molybdenum	97-1	1.56	1.56	1.45	1.53	4.11	ppb
Molybdenum	98-1	1.52	1.44	1.40	1.45	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.75	3.54	3.70	3.66	3.03	ppb
Phosphorus	31-2	-8.61	-8.32	-9.01	-8.65		ppb
Potassium	39-2	248633.80	249653.83	253068.90	250452.17	0.93	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.79	0.74	1.05	0.86	19.71	ppb
Selenium	77-2	0.38	-0.10	0.06	0.11	214.81	ppb
Selenium	78-2	-0.65	0.33	-0.12	-0.15		ppb
Silicon	28-1	2.04	1.78	1.74	1.85	8.89	ppb
Silver	107-1	0.14	0.14	0.12	0.14	9.45	ppb
Silver	109-1	0.16	0.14	0.13	0.14	10.58	ppb
Sodium	23-2	499658.63	495089.61	503237.01	499328.42	0.82	ppb
Strontium	86-1	4.34	4.22	4.04	4.20	3.52	ppb
Strontium	88-1	4.37	4.27	3.99	4.21	4.62	ppb
Sulfur	34-1	-1127.24	-1126.68	-1038.77	-1097.56		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.14	0.08	0.12	26.96	ppb
Thallium	205-1	0.13	0.30	0.09	0.17	61.63	ppb
Tin	118-1	0.38	0.41	0.38	0.39	4.34	ppb
Titanium	47-1	1.11	1.22	1.01	1.11	9.59	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:41:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.16	0.05	0.09	62.81	ppb
Vanadium	51-2	0.23	0.21	0.21	0.22	6.13	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	4.10	3.68	3.67	3.82	6.43	ppb
Zirconium	90-1	0.56	0.58	0.58	0.57	1.90	ppb
Zirconium	91-1	0.58	0.56	0.58	0.57	1.49	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:56:34	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	483.71	481.61	482.01	482.44	0.23	ppb
Antimony	121-1	203.37	205.12	208.10	205.53	1.16	ppb
Arsenic	75-2	198.14	199.96	199.32	199.14	0.46	ppb
Barium	135-1	93.53	95.15	95.09	94.59	0.97	ppb
Barium	137-1	93.39	95.49	94.67	94.51	1.12	ppb
Beryllium	9-1	95.24	93.98	96.67	95.30	1.41	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	91.60	96.31	96.67	94.86	2.98	ppb
Cadmium	106-1	90.01	91.44	92.89	91.45	1.58	ppb
Cadmium	111-1	101.18	105.08	104.33	103.53	2.00	ppb
Calcium	43-1	2001.73	2026.98	2047.27	2025.32	1.13	ppb
Calcium	44-1	1877.38	1906.83	1953.23	1912.48	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.25	102.34	102.70	102.43	0.23	ppb
Cobalt	59-2	101.15	101.06	100.36	100.86	0.43	ppb
Copper	63-2	94.71	96.09	95.39	95.40	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				100		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	2016.19	2020.43	2021.67	2019.43	0.14	ppb
Iron	57-2	2093.45	2094.14	2102.99	2096.86	0.25	ppb
Iron	54-2	2201.12	2204.96	2192.94	2199.67	0.28	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:56:34	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	208.66	207.99	209.35	208.67	0.33	ppb
Lead	207-1	176.44	177.78	179.02	177.75	0.72	ppb
Lead	208-1	198.34	197.27	199.66	198.42	0.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	1206.49	1207.02	1214.45	1209.32	0.37	ppb
Manganese	55-2	100.09	100.73	99.51	100.11	0.61	ppb
Molybdenum	94-1	0.24	0.25	0.25	0.25	2.16	ppb
Molybdenum	95-1	0.07	0.06	0.08	0.07	13.66	ppb
Molybdenum	96-1	0.09	0.09	0.11	0.10	9.87	ppb
Molybdenum	97-1	0.05	0.05	0.06	0.06	11.73	ppb
Molybdenum	98-1	0.08	0.07	0.06	0.07	10.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.22	100.44	100.47	100.71	0.44	ppb
Phosphorus	31-2	-14.81	-11.90	-13.31	-13.34		ppb
Potassium	39-2	1853.20	1878.04	1862.42	1864.56	0.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	209.35	207.70	210.21	209.09	0.61	ppb
Selenium	77-2	195.92	204.87	208.30	203.03	3.15	ppb
Selenium	78-2	206.83	212.83	213.46	211.04	1.73	ppb
Silicon	28-1	-0.30	-0.23	0.03	-0.17		ppb
Silver	107-1	50.11	51.32	51.53	50.99	1.51	ppb
Silver	109-1	50.11	51.04	50.93	50.69	1.00	ppb
Sodium	23-2	1949.99	1914.77	1940.81	1935.19	0.94	ppb
Strontium	86-1	0.33	0.33	0.37	0.34	6.08	ppb
Strontium	88-1	0.34	0.32	0.33	0.33	1.95	ppb
Sulfur	34-1	-489.81	-545.82	-493.69	-509.77		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	207.26	211.25	208.40	208.97	0.98	ppb
Thallium	205-1	211.90	208.52	207.38	209.26	1.12	ppb
Tin	118-1	0.05	0.06	0.07	0.06	9.88	ppb
Titanium	47-1	0.06	0.04	0.07	0.06	25.12	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:56:34	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	24.13	ppb
Vanadium	51-2	98.55	98.94	98.94	98.81	0.23	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	194.64	196.25	194.59	195.16	0.48	ppb
Zirconium	90-1	0.13	0.12	0.13	0.13	4.44	ppb
Zirconium	91-1	0.18	0.16	0.15	0.16	9.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:59:43	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.05	69.58	67.49	68.71	1.58	ppb
Antimony	121-1	0.10	0.12	0.13	0.11	14.99	ppb
Arsenic	75-2	0.01	0.01	0.04	0.02	92.60	ppb
Barium	135-1	0.05	0.06	0.06	0.06	12.20	ppb
Barium	137-1	0.05	0.04	0.06	0.05	17.96	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	60.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.07	0.02	-0.02		ppb
Cadmium	106-1	0.37	0.48	0.00	0.28	89.87	ppb
Cadmium	111-1	0.04	0.04	0.01	0.03	58.11	ppb
Calcium	43-1	1.13	0.47	0.57	0.72	49.01	ppb
Calcium	44-1	2.73	1.95	1.84	2.17	22.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.04	0.05	9.01	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	92.32	ppb
Copper	63-2	0.26	0.29	0.27	0.27	5.10	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				106		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	4.55	4.42	4.51	4.49	1.50	ppb
Iron	57-2	3.12	3.20	3.67	3.33	8.89	ppb
Iron	54-2	3.42	4.22	3.37	3.67	12.97	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:59:43	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.07	0.07	0.07	3.40	ppb
Lead	207-1	0.08	0.06	0.05	0.07	21.35	ppb
Lead	208-1	0.07	0.07	0.06	0.07	8.89	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.93	2.81	2.78	2.84	2.96	ppb
Manganese	55-2	0.25	0.21	0.22	0.23	7.77	ppb
Molybdenum	94-1	0.03	0.04	0.04	0.04	24.55	ppb
Molybdenum	95-1	0.02	0.04	0.03	0.03	21.48	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	6.15	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.03	28.55	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	9.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.03	0.03	36.41	ppb
Phosphorus	31-2	-13.88	-14.01	-12.92	-13.60		ppb
Potassium	39-2	6.82	5.00	5.98	5.93	15.42	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.16	0.01	0.64	0.16	260.30	ppb
Selenium	77-2	0.04	-0.11	-0.26	-0.11		ppb
Selenium	78-2	0.86	0.08	0.22	0.38	108.03	ppb
Silicon	28-1	-0.59	-0.57	-0.68	-0.61		ppb
Silver	107-1	0.04	0.03	0.03	0.03	12.86	ppb
Silver	109-1	0.04	0.03	0.02	0.03	26.44	ppb
Sodium	23-2	18.63	17.63	17.53	17.93	3.41	ppb
Strontium	86-1	0.08	0.08	0.06	0.07	19.14	ppb
Strontium	88-1	0.07	0.06	0.06	0.06	5.69	ppb
Sulfur	34-1	-799.73	-758.88	-823.30	-793.97		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.03	0.03	0.03	18.91	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.60	ppb
Tin	118-1	0.00	0.02	0.00	0.01	187.79	ppb
Titanium	47-1	0.04	0.03	0.03	0.03	8.38	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:59:43	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	13.02	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	30.98	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	1.98	1.95	1.72	1.88	7.61	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	145.00	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	917.75	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:03:04	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90850.04	91144.16	89602.66	90532.28	0.90	ppb
Antimony	121-1	1.13	1.16	1.17	1.15	1.64	ppb
Arsenic	75-2	0.29	0.28	0.32	0.30	7.33	ppb
Barium	135-1	1.39	1.33	1.38	1.37	2.49	ppb
Barium	137-1	1.34	1.35	1.39	1.36	1.71	ppb
Beryllium	9-1	0.28	0.27	0.27	0.27	2.32	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.90	6.81	7.55	7.42	7.51	ppb
Cadmium	106-1	0.50	-0.12	-0.57	-0.06		ppb
Cadmium	111-1	0.29	0.32	0.22	0.28	17.96	ppb
Calcium	43-1	95821.20	97585.96	96755.06	96720.74	0.91	ppb
Calcium	44-1	96527.80	97869.80	96739.90	97045.83	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.42	20.32	20.32	20.35	0.28	ppb
Cobalt	59-2	1.28	1.24	1.26	1.26	1.76	ppb
Copper	63-2	7.13	7.19	7.15	7.15	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	102882.10	101803.01	102419.21	102368.10	0.53	ppb
Iron	57-2	101736.07	102230.28	99931.21	101299.19	1.19	ppb
Iron	54-2	102367.52	102689.46	101108.34	102055.11	0.82	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:03:04	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.26	4.27	4.21	4.25	0.84	ppb
Lead	207-1	3.81	3.86	3.76	3.81	1.37	ppb
Lead	208-1	3.96	3.96	3.94	3.95	0.35	ppb
Lithium	6-1				102		%
Magnesium	24-2	97819.79	98500.66	97448.46	97922.97	0.54	ppb
Manganese	55-2	8.04	7.89	8.05	7.99	1.15	ppb
Molybdenum	94-1	1431.58	1478.98	1445.36	1451.97	1.68	ppb
Molybdenum	95-1	1730.40	1771.89	1745.14	1749.15	1.20	ppb
Molybdenum	96-1	1705.87	1747.24	1741.94	1731.68	1.30	ppb
Molybdenum	97-1	1755.62	1784.64	1767.51	1769.26	0.82	ppb
Molybdenum	98-1	1748.96	1771.90	1741.52	1754.12	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.36	5.27	5.27	5.30	0.94	ppb
Phosphorus	31-2	94615.35	94782.73	95728.14	95042.07	0.63	ppb
Potassium	39-2	94855.50	94874.45	94525.38	94751.78	0.21	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.14	0.43	-0.05	0.17	138.88	ppb
Selenium	77-2	0.21	-0.10	-0.10	0.00	6631.60	ppb
Selenium	78-2	-1.34	-0.93	-0.80	-1.02		ppb
Silicon	28-1	2.95	2.93	2.90	2.93	0.86	ppb
Silver	107-1	0.09	0.07	0.06	0.07	24.91	ppb
Silver	109-1	0.09	0.06	0.07	0.07	20.83	ppb
Sodium	23-2	100695.90	100150.08	99179.36	100008.45	0.77	ppb
Strontium	86-1	33.26	34.67	34.47	34.13	2.24	ppb
Strontium	88-1	33.78	34.66	34.29	34.25	1.30	ppb
Sulfur	34-1	99638.49	99626.85	99805.26	99690.20	0.10	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.08	0.10	0.09	13.54	ppb
Thallium	205-1	0.09	0.10	0.09	0.09	3.92	ppb
Tin	118-1	0.15	0.16	0.16	0.16	3.02	ppb
Titanium	47-1	1805.94	1826.78	1797.51	1810.07	0.83	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:03:04	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	2.38	ppb
Vanadium	51-2	0.16	0.19	0.20	0.18	12.28	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	10.68	10.79	10.70	10.72	0.53	ppb
Zirconium	90-1	0.15	0.19	0.20	0.18	15.89	ppb
Zirconium	91-1	0.17	0.20	0.20	0.19	9.62	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:06:06	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87368.36	86455.45	87504.35	87109.39	0.65	ppb
Antimony	121-1	20.28	20.19	20.47	20.31	0.72	ppb
Arsenic	75-2	19.54	19.59	20.08	19.73	1.50	ppb
Barium	135-1	19.63	19.61	19.66	19.63	0.13	ppb
Barium	137-1	19.74	19.56	19.66	19.65	0.46	ppb
Beryllium	9-1	18.78	18.27	19.04	18.70	2.11	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.31	24.56	24.70	24.52	0.79	ppb
Cadmium	106-1	15.90	16.07	15.87	15.95	0.68	ppb
Cadmium	111-1	18.80	19.26	19.23	19.10	1.34	ppb
Calcium	43-1	93235.04	96094.60	96437.54	95255.72	1.85	ppb
Calcium	44-1	93773.48	95154.45	95954.22	94960.72	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.29	39.07	39.33	39.23	0.35	ppb
Cobalt	59-2	20.22	20.20	20.32	20.25	0.32	ppb
Copper	63-2	24.63	24.47	24.76	24.62	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	97459.22	97593.42	98710.69	97921.11	0.70	ppb
Iron	57-2	96690.91	96026.80	97302.29	96673.33	0.66	ppb
Iron	54-2	98549.26	98231.02	98846.72	98542.33	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:06:06	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.74	24.64	24.55	24.31	2.04	ppb
Lead	207-1	22.68	23.55	23.15	23.13	1.88	ppb
Lead	208-1	22.97	23.94	23.65	23.52	2.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	94483.01	93851.39	94680.93	94338.44	0.46	ppb
Manganese	55-2	26.92	26.82	26.82	26.85	0.22	ppb
Molybdenum	94-1	1394.47	1423.50	1410.21	1409.40	1.03	ppb
Molybdenum	95-1	1674.08	1722.65	1710.05	1702.26	1.48	ppb
Molybdenum	96-1	1666.95	1674.50	1670.50	1670.65	0.23	ppb
Molybdenum	97-1	1688.76	1716.01	1722.95	1709.24	1.06	ppb
Molybdenum	98-1	1684.60	1714.24	1699.30	1699.38	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.52	24.33	23.96	23.94	1.69	ppb
Phosphorus	31-2	91808.01	90821.84	93291.81	91973.89	1.35	ppb
Potassium	39-2	91378.51	90819.12	91631.16	91276.26	0.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	18.93	19.63	19.73	19.43	2.24	ppb
Selenium	77-2	15.92	17.23	20.80	17.98	14.03	ppb
Selenium	78-2	17.72	18.12	20.22	18.69	7.19	ppb
Silicon	28-1	2.82	2.85	3.16	2.94	6.40	ppb
Silver	107-1	18.36	18.61	18.69	18.55	0.90	ppb
Silver	109-1	18.36	18.37	18.50	18.41	0.43	ppb
Sodium	23-2	96313.68	95283.54	95546.03	95714.42	0.56	ppb
Strontium	86-1	33.09	33.47	33.35	33.30	0.59	ppb
Strontium	88-1	33.22	33.48	33.49	33.39	0.46	ppb
Sulfur	34-1	94958.89	95141.17	98984.30	96361.45	2.36	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	19.93	20.52	20.31	20.25	1.48	ppb
Thallium	205-1	19.56	20.40	20.10	20.02	2.12	ppb
Tin	118-1	0.10	0.13	0.13	0.12	13.21	ppb
Titanium	47-1	1746.35	1776.57	1777.81	1766.91	1.01	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:06:06	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	9.62	ppb
Vanadium	51-2	19.50	19.44	19.65	19.53	0.57	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	28.42	29.09	29.25	28.92	1.52	ppb
Zirconium	90-1	0.06	0.07	0.08	0.07	15.97	ppb
Zirconium	91-1	0.06	0.08	0.08	0.08	19.72	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:12:22	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50048.23	50491.42	50494.44	50344.70	0.51	ppb
Antimony	121-1	500.00	511.69	502.64	504.78	1.21	ppb
Arsenic	75-2	486.16	496.96	494.07	492.40	1.14	ppb
Barium	135-1	2538.21	2581.08	2516.87	2545.39	1.28	ppb
Barium	137-1	2539.55	2551.18	2522.68	2537.81	0.56	ppb
Beryllium	9-1	535.69	539.47	538.38	537.85	0.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	487.85	499.68	493.36	493.63	1.20	ppb
Cadmium	106-1	493.72	498.54	491.37	494.54	0.74	ppb
Cadmium	111-1	478.84	483.45	480.12	480.80	0.49	ppb
Calcium	43-1	252949.71	254127.03	255208.29	254095.01	0.44	ppb
Calcium	44-1	248116.55	250342.95	252455.38	250304.96	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.46	495.54	496.47	498.49	0.87	ppb
Cobalt	59-2	511.96	522.56	518.10	517.54	1.03	ppb
Copper	63-2	4983.16	5028.79	4984.76	4998.90	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				105		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	125713.07	128322.87	126558.35	126864.76	1.05	ppb
Iron	57-2	124275.49	126753.81	125471.14	125500.15	0.99	ppb
Iron	54-2	126285.44	128636.18	126324.46	127082.03	1.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:12:22	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2554.58	2593.69	2540.39	2562.88	1.08	ppb
Lead	207-1	2561.96	2591.85	2542.87	2565.56	0.96	ppb
Lead	208-1	2554.90	2584.59	2552.46	2563.99	0.70	ppb
Lithium	6-1				100		%
Magnesium	24-2	246640.65	252137.36	250901.70	249893.24	1.15	ppb
Manganese	55-2	4913.64	4925.80	4903.82	4914.42	0.22	ppb
Molybdenum	94-1	5010.32	5043.12	5027.73	5027.06	0.33	ppb
Molybdenum	95-1	5018.94	5051.19	5025.25	5031.79	0.34	ppb
Molybdenum	96-1	5023.58	5128.74	5104.99	5085.77	1.08	ppb
Molybdenum	97-1	5008.40	5107.20	5098.80	5071.47	1.08	ppb
Molybdenum	98-1	5018.03	5078.51	5056.59	5051.04	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.34	500.23	497.40	498.32	0.33	ppb
Phosphorus	31-2	9983.56	10103.29	9989.96	10025.60	0.67	ppb
Potassium	39-2	122367.10	124253.03	122614.38	123078.17	0.83	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	477.06	482.15	480.50	479.90	0.54	ppb
Selenium	77-2	479.31	489.93	466.41	478.55	2.46	ppb
Selenium	78-2	485.64	489.30	479.79	484.91	0.99	ppb
Silicon	28-1	674.64	679.10	681.57	678.43	0.52	ppb
Silver	107-1	493.62	502.94	496.08	497.54	0.97	ppb
Silver	109-1	496.75	495.95	486.67	493.13	1.14	ppb
Sodium	23-2	250230.46	253140.09	249964.03	251111.53	0.70	ppb
Strontium	86-1	12438.97	12665.54	12469.99	12524.83	0.98	ppb
Strontium	88-1	12477.90	12595.59	12614.16	12562.55	0.59	ppb
Sulfur	34-1	8978.20	8752.97	8847.35	8859.51	1.28	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	511.77	517.09	502.89	510.58	1.40	ppb
Thallium	205-1	504.99	512.70	500.33	506.01	1.23	ppb
Tin	118-1	502.06	507.44	506.48	505.33	0.57	ppb
Titanium	47-1	4988.71	4994.23	5039.82	5007.59	0.56	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:12:22	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	519.86	521.43	506.07	515.79	1.64	ppb
Vanadium	51-2	498.13	514.75	496.20	503.03	2.03	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	4828.31	4869.72	4803.39	4833.81	0.69	ppb
Zirconium	90-1	500.42	509.28	507.96	505.89	0.94	ppb
Zirconium	91-1	501.71	506.94	507.99	505.55	0.67	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:15:38	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.21	2.10	2.28	2.20	4.16	ppb
Antimony	121-1	0.29	0.29	0.30	0.29	2.36	ppb
Arsenic	75-2	0.02	0.03	0.01	0.02	32.45	ppb
Barium	135-1	0.09	0.09	0.07	0.08	15.72	ppb
Barium	137-1	0.07	0.06	0.06	0.06	9.35	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	13.65	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	-0.01	-0.02	0.01	694.54	ppb
Cadmium	106-1	-0.13	-0.56	-0.35	-0.35		ppb
Cadmium	111-1	0.02	-0.01	0.00	0.01	273.55	ppb
Calcium	43-1	9.65	7.10	10.05	8.93	17.93	ppb
Calcium	44-1	14.62	11.57	11.31	12.50	14.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	0.01	0.03	37.36	ppb
Cobalt	59-2	0.02	0.00	0.02	0.01	57.08	ppb
Copper	63-2	0.23	0.24	0.21	0.23	7.19	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				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	4.22	4.20	4.39	4.27	2.39	ppb
Iron	57-2	1.70	1.51	2.67	1.96	31.88	ppb
Iron	54-2	3.91	4.32	4.78	4.34	10.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:15:38	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.14	0.15	0.15	10.53	ppb
Lead	207-1	0.16	0.13	0.13	0.14	12.50	ppb
Lead	208-1	0.17	0.14	0.14	0.15	12.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	8.07	7.48	7.91	7.82	3.89	ppb
Manganese	55-2	0.14	0.17	0.15	0.15	10.67	ppb
Molybdenum	94-1	0.62	0.50	0.49	0.53	13.79	ppb
Molybdenum	95-1	0.31	0.25	0.23	0.26	15.31	ppb
Molybdenum	96-1	0.33	0.29	0.28	0.30	9.17	ppb
Molybdenum	97-1	0.28	0.29	0.26	0.28	4.61	ppb
Molybdenum	98-1	0.30	0.26	0.26	0.27	7.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-15.66	-15.52	-13.63	-14.94		ppb
Potassium	39-2	25.01	22.71	22.24	23.32	6.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.33	-0.23	0.16	0.09	335.00	ppb
Selenium	77-2	0.05	-0.10	-0.26	-0.10		ppb
Selenium	78-2	1.72	0.35	-0.25	0.61	166.29	ppb
Silicon	28-1	-0.40	-0.22	-0.32	-0.31		ppb
Silver	107-1	0.05	0.04	0.04	0.05	10.44	ppb
Silver	109-1	0.05	0.05	0.04	0.05	18.97	ppb
Sodium	23-2	34.95	34.07	32.56	33.86	3.57	ppb
Strontium	86-1	0.48	0.43	0.37	0.43	11.97	ppb
Strontium	88-1	0.50	0.38	0.34	0.41	20.16	ppb
Sulfur	34-1	-1247.89	-1198.60	-1187.81	-1211.44		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.05	0.04	0.05	17.20	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	12.75	ppb
Tin	118-1	0.07	0.09	0.11	0.09	23.25	ppb
Titanium	47-1	0.26	0.22	0.21	0.23	11.45	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:15:38	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	20.19	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	29.15	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.24	0.18	0.27	0.23	20.34	ppb
Zirconium	90-1	0.19	0.16	0.15	0.17	12.60	ppb
Zirconium	91-1	0.20	0.17	0.16	0.17	11.32	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:18:55	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12311.17	12229.61	12447.60	12329.46	0.89	ppb
Antimony	121-1	0.35	0.36	0.37	0.36	1.79	ppb
Arsenic	75-2	37.88	37.75	36.85	37.49	1.50	ppb
Barium	135-1	124.74	124.28	123.31	124.11	0.58	ppb
Barium	137-1	123.92	124.53	125.48	124.64	0.63	ppb
Beryllium	9-1	0.27	0.37	0.29	0.31	17.21	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.51	0.64	0.58	11.04	ppb
Cadmium	106-1	1.94	0.96	0.07	0.99	94.69	ppb
Cadmium	111-1	0.46	0.38	0.33	0.39	16.44	ppb
Calcium	43-1	2977.54	2983.96	3040.05	3000.52	1.15	ppb
Calcium	44-1	2821.56	2835.48	2908.79	2855.28	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.77	28.60	28.94	28.77	0.59	ppb
Cobalt	59-2	16.88	16.83	16.88	16.86	0.18	ppb
Copper	63-2	66.44	65.71	66.19	66.11	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	32915.16	32724.41	32826.07	32821.88	0.29	ppb
Iron	57-2	32063.82	32200.14	32317.21	32193.72	0.39	ppb
Iron	54-2	32779.07	32155.81	32217.65	32384.17	1.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:18:55	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.17	12.28	12.61	12.35	1.86	ppb
Lead	207-1	11.92	12.24	12.17	12.11	1.37	ppb
Lead	208-1	12.03	12.16	12.28	12.16	1.04	ppb
Lithium	6-1				100		%
Magnesium	24-2	7629.00	7558.71	7557.97	7581.89	0.54	ppb
Manganese	55-2	655.79	635.87	646.54	646.07	1.54	ppb
Molybdenum	94-1	5.64	5.61	5.70	5.65	0.77	ppb
Molybdenum	95-1	0.33	0.31	0.31	0.32	3.11	ppb
Molybdenum	96-1	1.11	1.11	1.11	1.11	0.37	ppb
Molybdenum	97-1	0.34	0.32	0.33	0.33	2.35	ppb
Molybdenum	98-1	0.33	0.32	0.32	0.32	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.86	28.34	28.30	28.50	1.09	ppb
Phosphorus	31-2	620.37	606.25	611.75	612.79	1.16	ppb
Potassium	39-2	2218.97	2239.26	2234.20	2230.81	0.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	0.19	0.28	0.22	0.23	19.08	ppb
Selenium	77-2	2.67	2.38	2.49	2.51	6.04	ppb
Selenium	78-2	1.71	2.04	0.31	1.35	67.74	ppb
Silicon	28-1	174.89	178.99	174.93	176.27	1.34	ppb
Silver	107-1	0.12	0.12	0.11	0.11	2.71	ppb
Silver	109-1	0.13	0.11	0.11	0.12	7.83	ppb
Sodium	23-2	48.56	49.88	48.87	49.11	1.40	ppb
Strontium	86-1	14.40	14.58	14.62	14.54	0.80	ppb
Strontium	88-1	14.49	14.68	14.69	14.62	0.77	ppb
Sulfur	34-1	-1444.06	-1521.11	-1491.11	-1485.43		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.10	0.10	0.10	4.26	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	4.19	ppb
Tin	118-1	0.56	0.53	0.55	0.55	2.57	ppb
Titanium	47-1	285.29	288.16	291.41	288.29	1.06	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:18:55	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.15	0.16	0.15	2.23	ppb
Vanadium	51-2	87.49	86.37	86.82	86.89	0.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	60.18	59.20	59.89	59.76	0.84	ppb
Zirconium	90-1	3.23	3.30	3.27	3.27	1.11	ppb
Zirconium	91-1	3.20	3.21	3.21	3.20	0.17	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:22:08	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12429.05	12512.75	12559.93	12500.57	0.53	ppb
Antimony	121-1	0.30	0.32	0.33	0.32	4.75	ppb
Arsenic	75-2	38.31	37.77	36.97	37.68	1.78	ppb
Barium	135-1	121.38	122.42	124.46	122.75	1.28	ppb
Barium	137-1	120.32	123.39	122.97	122.23	1.36	ppb
Beryllium	9-1	0.31	0.29	0.35	0.32	8.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.50	0.41	0.50	0.47	11.12	ppb
Cadmium	106-1	0.93	1.03	0.83	0.93	11.15	ppb
Cadmium	111-1	0.37	0.38	0.40	0.38	4.33	ppb
Calcium	43-1	2963.66	2917.01	2978.32	2952.99	1.08	ppb
Calcium	44-1	2782.88	2839.41	2804.84	2809.04	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.71	29.00	29.01	28.91	0.59	ppb
Cobalt	59-2	16.87	16.97	17.10	16.98	0.68	ppb
Copper	63-2	66.69	66.42	66.56	66.56	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	32941.93	32914.12	32573.33	32809.79	0.63	ppb
Iron	57-2	32388.83	32216.49	31562.79	32056.04	1.36	ppb
Iron	54-2	32894.39	32859.58	33238.67	32997.55	0.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:22:08	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.15	12.35	12.05	12.18	1.24	ppb
Lead	207-1	12.20	12.04	11.91	12.05	1.21	ppb
Lead	208-1	12.12	12.16	12.00	12.09	0.70	ppb
Lithium	6-1				100		%
Magnesium	24-2	7553.00	7673.79	7797.88	7674.89	1.60	ppb
Manganese	55-2	648.51	647.30	652.10	649.30	0.38	ppb
Molybdenum	94-1	5.46	5.43	5.51	5.47	0.76	ppb
Molybdenum	95-1	0.29	0.29	0.31	0.30	3.07	ppb
Molybdenum	96-1	1.03	1.06	1.03	1.04	1.36	ppb
Molybdenum	97-1	0.30	0.31	0.30	0.30	2.43	ppb
Molybdenum	98-1	0.27	0.28	0.28	0.28	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.20	28.47	28.89	28.52	1.21	ppb
Phosphorus	31-2	607.65	619.15	595.49	607.43	1.95	ppb
Potassium	39-2	2224.19	2240.64	2273.59	2246.14	1.12	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.31	0.51	0.06	0.29	76.87	ppb
Selenium	77-2	4.14	3.71	3.26	3.71	11.94	ppb
Selenium	78-2	0.60	0.53	1.61	0.91	66.30	ppb
Silicon	28-1	174.04	172.50	177.86	174.80	1.58	ppb
Silver	107-1	0.10	0.09	0.10	0.10	3.13	ppb
Silver	109-1	0.10	0.10	0.10	0.10	1.65	ppb
Sodium	23-2	47.88	47.50	46.97	47.45	0.97	ppb
Strontium	86-1	14.04	14.45	14.25	14.25	1.43	ppb
Strontium	88-1	14.18	14.44	14.20	14.27	0.99	ppb
Sulfur	34-1	-1548.99	-1769.79	-1773.65	-1697.48		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.09	0.10	0.09	5.56	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	3.13	ppb
Tin	118-1	0.56	0.55	0.53	0.54	2.28	ppb
Titanium	47-1	283.58	280.21	287.08	283.62	1.21	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:22:08	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.15	0.14	0.15	2.98	ppb
Vanadium	51-2	87.41	86.96	87.95	87.44	0.57	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	58.55	58.36	59.00	58.64	0.56	ppb
Zirconium	90-1	3.13	3.18	3.14	3.15	0.91	ppb
Zirconium	91-1	3.03	3.11	3.14	3.10	1.84	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:25:18	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2563.42	2562.26	2553.62	2559.77	0.21	ppb
Antimony	121-1	0.07	0.08	0.09	0.08	14.12	ppb
Arsenic	75-2	7.71	7.45	7.36	7.50	2.40	ppb
Barium	135-1	23.64	24.65	24.26	24.18	2.09	ppb
Barium	137-1	24.59	24.36	25.21	24.72	1.77	ppb
Beryllium	9-1	0.06	0.05	0.07	0.06	17.89	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.21	0.08	0.11	75.12	ppb
Cadmium	106-1	1.16	-0.09	0.31	0.46	139.18	ppb
Cadmium	111-1	0.15	0.07	0.09	0.10	38.80	ppb
Calcium	43-1	591.96	605.32	617.80	605.03	2.14	ppb
Calcium	44-1	609.33	609.32	603.86	607.50	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.83	5.84	5.78	5.82	0.60	ppb
Cobalt	59-2	3.41	3.44	3.37	3.41	1.05	ppb
Copper	63-2	13.38	13.53	13.57	13.50	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	6573.31	6588.60	6572.09	6578.00	0.14	ppb
Iron	57-2	6845.84	6865.86	6870.57	6860.76	0.19	ppb
Iron	54-2	6590.69	6566.55	6655.46	6604.24	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:25:18	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.41	2.61	2.47	2.50	4.16	ppb
Lead	207-1	2.46	2.54	2.47	2.49	1.72	ppb
Lead	208-1	2.45	2.54	2.51	2.50	1.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	1595.43	1599.19	1595.11	1596.58	0.14	ppb
Manganese	55-2	133.58	134.16	133.98	133.91	0.22	ppb
Molybdenum	94-1	1.19	1.21	1.17	1.19	1.46	ppb
Molybdenum	95-1	0.10	0.09	0.08	0.09	8.31	ppb
Molybdenum	96-1	0.27	0.22	0.26	0.25	8.92	ppb
Molybdenum	97-1	0.11	0.09	0.10	0.10	6.85	ppb
Molybdenum	98-1	0.08	0.10	0.09	0.09	9.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.88	5.92	5.89	5.90	0.36	ppb
Phosphorus	31-2	114.40	100.26	110.29	108.32	6.72	ppb
Potassium	39-2	489.91	488.65	489.09	489.22	0.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.04	0.05	0.14	0.05	170.93	ppb
Selenium	77-2	0.49	0.80	0.93	0.74	30.19	ppb
Selenium	78-2	-0.48	0.18	0.65	0.12	475.62	ppb
Silicon	28-1	36.55	35.50	36.59	36.21	1.70	ppb
Silver	107-1	0.02	0.03	0.02	0.02	13.16	ppb
Silver	109-1	0.02	0.02	0.03	0.02	7.78	ppb
Sodium	23-2	18.82	18.31	18.48	18.54	1.40	ppb
Strontium	86-1	2.89	3.04	2.96	2.96	2.40	ppb
Strontium	88-1	2.97	2.97	3.01	2.98	0.77	ppb
Sulfur	34-1	-1712.86	-1752.60	-1773.65	-1746.37		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.04	0.04	0.04	3.48	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	1.37	ppb
Tin	118-1	0.09	0.10	0.11	0.10	5.63	ppb
Titanium	47-1	57.24	58.96	57.46	57.89	1.62	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:25:18	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	0.72	ppb
Vanadium	51-2	17.81	17.36	17.55	17.57	1.27	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	11.64	12.26	11.99	11.97	2.58	ppb
Zirconium	90-1	0.65	0.68	0.66	0.66	2.45	ppb
Zirconium	91-1	0.66	0.65	0.65	0.65	0.68	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:28:35	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12636.49	12507.67	12527.98	12557.38	0.55	ppb
Antimony	121-1	14.79	14.90	15.09	14.92	1.00	ppb
Arsenic	75-2	42.27	43.58	42.93	42.93	1.52	ppb
Barium	135-1	390.79	396.00	397.49	394.76	0.89	ppb
Barium	137-1	409.13	417.07	419.36	415.18	1.29	ppb
Beryllium	9-1	7.01	7.39	7.20	7.20	2.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.20	7.11	7.63	7.31	3.79	ppb
Cadmium	106-1	7.58	6.73	7.20	7.17	5.95	ppb
Cadmium	111-1	7.72	8.02	7.85	7.86	1.91	ppb
Calcium	43-1	2974.26	2913.57	2985.20	2957.68	1.30	ppb
Calcium	44-1	2823.75	2787.17	2842.83	2817.92	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.68	57.88	58.32	57.96	0.57	ppb
Cobalt	59-2	88.06	89.02	88.12	88.40	0.61	ppb
Copper	63-2	99.60	100.39	98.93	99.64	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				104		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	32860.72	32618.44	32645.64	32708.27	0.41	ppb
Iron	57-2	32298.78	31608.45	31945.03	31950.75	1.08	ppb
Iron	54-2	32399.63	33189.57	32746.75	32778.65	1.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:28:35	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.78	14.64	14.82	14.75	0.66	ppb
Lead	207-1	14.48	14.50	14.56	14.51	0.28	ppb
Lead	208-1	14.49	14.47	14.66	14.54	0.73	ppb
Lithium	6-1				100		%
Magnesium	24-2	7567.31	7686.08	7481.74	7578.37	1.35	ppb
Manganese	55-2	703.31	707.94	708.47	706.57	0.40	ppb
Molybdenum	94-1	5.30	5.35	5.40	5.35	0.90	ppb
Molybdenum	95-1	0.30	0.28	0.29	0.29	3.43	ppb
Molybdenum	96-1	1.02	1.01	1.05	1.03	2.21	ppb
Molybdenum	97-1	0.27	0.28	0.27	0.27	2.73	ppb
Molybdenum	98-1	0.28	0.27	0.27	0.27	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.46	99.47	98.79	99.24	0.39	ppb
Phosphorus	31-2	609.37	596.92	611.23	605.84	1.28	ppb
Potassium	39-2	2231.85	2254.10	2222.17	2236.04	0.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	18.58	18.10	18.38	18.36	1.32	ppb
Selenium	77-2	24.24	21.13	21.75	22.37	7.35	ppb
Selenium	78-2	17.97	17.84	16.47	17.42	4.77	ppb
Silicon	28-1	173.92	170.83	176.55	173.77	1.65	ppb
Silver	107-1	6.50	6.66	6.73	6.63	1.82	ppb
Silver	109-1	6.42	6.70	6.69	6.60	2.37	ppb
Sodium	23-2	46.62	47.98	46.91	47.17	1.52	ppb
Strontium	86-1	14.20	14.10	14.73	14.34	2.38	ppb
Strontium	88-1	14.23	14.27	14.58	14.36	1.34	ppb
Sulfur	34-1	-1870.48	-2067.69	-2027.46	-1988.54		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	6.46	6.41	6.41	6.43	0.47	ppb
Thallium	205-1	6.41	6.36	6.52	6.43	1.27	ppb
Tin	118-1	0.53	0.52	0.55	0.53	2.25	ppb
Titanium	47-1	282.14	282.58	285.07	283.26	0.56	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:28:35	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.15	0.15	0.15	3.65	ppb
Vanadium	51-2	158.20	159.44	157.36	158.34	0.66	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	129.49	128.38	128.87	128.91	0.43	ppb
Zirconium	90-1	3.16	3.13	3.21	3.17	1.17	ppb
Zirconium	91-1	3.09	3.08	3.13	3.10	0.79	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:31:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13309.58	13158.84	13190.85	13219.76	0.60	ppb
Antimony	121-1	70.80	72.42	71.48	71.57	1.14	ppb
Arsenic	75-2	63.55	63.37	64.99	63.97	1.39	ppb
Barium	135-1	1494.10	1537.15	1512.20	1514.48	1.43	ppb
Barium	137-1	1486.33	1553.60	1510.24	1516.72	2.25	ppb
Beryllium	9-1	33.41	34.52	33.33	33.76	1.97	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.18	34.20	33.80	34.06	0.65	ppb
Cadmium	106-1	31.82	34.54	33.18	33.18	4.10	ppb
Cadmium	111-1	36.47	37.12	36.75	36.78	0.88	ppb
Calcium	43-1	2850.77	2877.63	2847.64	2858.68	0.58	ppb
Calcium	44-1	2728.55	2759.64	2665.91	2718.03	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	167.96	169.27	168.91	168.71	0.40	ppb
Cobalt	59-2	358.55	360.73	358.29	359.19	0.37	ppb
Copper	63-2	226.40	226.51	227.35	226.75	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	31933.49	32534.53	32091.00	32186.34	0.97	ppb
Iron	57-2	31198.68	31880.24	31189.60	31422.84	1.26	ppb
Iron	54-2	32254.87	32233.53	32619.24	32369.21	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:31:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.39	24.30	24.48	24.39	0.38	ppb
Lead	207-1	23.82	23.82	24.05	23.90	0.55	ppb
Lead	208-1	23.95	23.91	24.24	24.03	0.75	ppb
Lithium	6-1				99		%
Magnesium	24-2	7329.37	7253.42	7297.29	7293.36	0.52	ppb
Manganese	55-2	952.85	954.80	958.15	955.27	0.28	ppb
Molybdenum	94-1	5.09	5.23	5.20	5.17	1.45	ppb
Molybdenum	95-1	0.27	0.27	0.28	0.27	0.65	ppb
Molybdenum	96-1	1.02	1.03	1.01	1.02	1.01	ppb
Molybdenum	97-1	0.29	0.31	0.26	0.29	7.14	ppb
Molybdenum	98-1	0.28	0.27	0.27	0.27	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	366.72	365.21	366.68	366.20	0.24	ppb
Phosphorus	31-2	574.89	598.88	592.49	588.75	2.11	ppb
Potassium	39-2	2165.50	2121.08	2123.68	2136.75	1.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	77.86	81.81	78.23	79.30	2.75	ppb
Selenium	77-2	81.06	78.85	88.36	82.75	6.02	ppb
Selenium	78-2	81.54	79.34	79.88	80.25	1.43	ppb
Silicon	28-1	169.20	171.26	165.68	168.72	1.67	ppb
Silver	107-1	24.40	24.88	24.54	24.61	1.00	ppb
Silver	109-1	29.64	24.90	24.38	26.31	11.02	ppb
Sodium	23-2	42.48	42.04	43.69	42.74	2.00	ppb
Strontium	86-1	13.60	14.04	13.78	13.81	1.57	ppb
Strontium	88-1	13.59	13.98	13.83	13.80	1.42	ppb
Sulfur	34-1	-1995.33	-2035.70	-2185.30	-2072.11		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	31.22	31.06	31.44	31.24	0.60	ppb
Thallium	205-1	30.88	30.66	31.20	30.91	0.88	ppb
Tin	118-1	0.48	0.43	0.46	0.46	5.88	ppb
Titanium	47-1	272.92	277.60	273.92	274.81	0.90	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:31:44	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.14	0.14	2.71	ppb
Vanadium	51-2	417.89	423.99	418.74	420.21	0.79	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	391.71	393.90	392.81	392.80	0.28	ppb
Zirconium	90-1	3.00	3.03	2.99	3.01	0.64	ppb
Zirconium	91-1	3.00	3.10	3.02	3.04	1.77	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:34:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9507.02	9481.82	9589.63	9526.16	0.59	ppb
Antimony	121-1	0.24	0.26	0.25	0.25	3.12	ppb
Arsenic	75-2	26.50	26.19	25.33	26.01	2.32	ppb
Barium	135-1	63.71	64.28	64.42	64.14	0.59	ppb
Barium	137-1	64.33	64.08	64.30	64.24	0.21	ppb
Beryllium	9-1	0.23	0.27	0.24	0.24	8.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.44	0.63	0.50	23.14	ppb
Cadmium	106-1	0.74	0.32	-0.28	0.26	199.24	ppb
Cadmium	111-1	0.21	0.19	0.15	0.18	15.07	ppb
Calcium	43-1	2894.16	2877.44	2920.12	2897.24	0.74	ppb
Calcium	44-1	2720.87	2739.79	2730.83	2730.50	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.67	25.62	25.95	25.75	0.68	ppb
Cobalt	59-2	12.51	12.60	12.71	12.60	0.79	ppb
Copper	63-2	41.54	41.59	41.49	41.54	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				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	22920.56	22840.88	23024.89	22928.78	0.40	ppb
Iron	57-2	22269.68	22053.88	22397.55	22240.37	0.78	ppb
Iron	54-2	22621.79	22383.87	22595.63	22533.76	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:34:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.32	10.62	10.73	10.56	1.99	ppb
Lead	207-1	9.99	10.32	10.20	10.17	1.65	ppb
Lead	208-1	10.14	10.44	10.30	10.29	1.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	5868.43	5767.72	5846.38	5827.51	0.91	ppb
Manganese	55-2	479.64	481.71	483.83	481.73	0.43	ppb
Molybdenum	94-1	2.44	2.55	2.50	2.50	2.26	ppb
Molybdenum	95-1	0.18	0.19	0.19	0.18	1.94	ppb
Molybdenum	96-1	0.57	0.56	0.55	0.56	1.75	ppb
Molybdenum	97-1	0.20	0.19	0.21	0.20	4.71	ppb
Molybdenum	98-1	0.19	0.20	0.20	0.19	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.91	18.04	18.06	18.00	0.43	ppb
Phosphorus	31-2	360.31	359.11	353.33	357.58	1.04	ppb
Potassium	39-2	1480.95	1487.51	1492.14	1486.87	0.38	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.26	0.09	0.28	0.21	48.53	ppb
Selenium	77-2	3.83	2.27	2.54	2.88	28.84	ppb
Selenium	78-2	0.32	1.02	-0.04	0.43	125.19	ppb
Silicon	28-1	220.28	224.21	222.72	222.40	0.89	ppb
Silver	107-1	0.12	0.08	0.07	0.09	25.90	ppb
Silver	109-1	0.11	0.08	0.07	0.09	23.42	ppb
Sodium	23-2	44.99	46.26	47.27	46.17	2.48	ppb
Strontium	86-1	19.10	19.53	19.69	19.44	1.59	ppb
Strontium	88-1	19.26	19.53	19.97	19.58	1.82	ppb
Sulfur	34-1	-1996.49	-2062.71	-2122.90	-2060.70		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.07	0.06	0.07	7.24	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	4.08	ppb
Tin	118-1	0.46	0.48	0.46	0.47	1.54	ppb
Titanium	47-1	239.78	242.84	245.63	242.75	1.21	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:34:50	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.13	0.13	0.13	0.43	ppb
Vanadium	51-2	50.03	50.62	50.37	50.34	0.59	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	49.78	50.84	48.97	49.87	1.89	ppb
Zirconium	90-1	1.41	1.42	1.44	1.42	0.90	ppb
Zirconium	91-1	1.38	1.43	1.41	1.41	1.69	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:38:01	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9893.14	9903.88	9971.43	9922.81	0.43	ppb
Antimony	121-1	0.22	0.22	0.24	0.23	4.59	ppb
Arsenic	75-2	26.79	26.40	26.31	26.50	0.96	ppb
Barium	135-1	66.98	67.48	67.85	67.44	0.65	ppb
Barium	137-1	67.70	68.02	68.12	67.94	0.32	ppb
Beryllium	9-1	0.23	0.23	0.25	0.24	4.41	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.50	0.36	0.35	0.40	21.10	ppb
Cadmium	106-1	0.91	0.76	0.17	0.61	63.95	ppb
Cadmium	111-1	0.26	0.22	0.18	0.22	17.23	ppb
Calcium	43-1	3228.53	3412.26	3320.56	3320.45	2.77	ppb
Calcium	44-1	3088.61	3175.40	3139.76	3134.59	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.50	26.78	26.63	26.64	0.53	ppb
Cobalt	59-2	13.47	13.37	13.22	13.35	0.95	ppb
Copper	63-2	43.39	43.28	42.98	43.22	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	23622.28	23841.97	23413.10	23625.78	0.91	ppb
Iron	57-2	22943.80	22999.71	23149.73	23031.08	0.46	ppb
Iron	54-2	23704.89	23643.18	23678.62	23675.56	0.13	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:38:01	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.79	10.98	10.98	10.92	1.00	ppb
Lead	207-1	10.46	10.45	10.44	10.45	0.11	ppb
Lead	208-1	10.54	10.69	10.60	10.61	0.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	6008.52	6012.98	6053.67	6025.06	0.41	ppb
Manganese	55-2	505.74	501.08	495.79	500.87	0.99	ppb
Molybdenum	94-1	2.60	2.62	2.67	2.63	1.27	ppb
Molybdenum	95-1	0.20	0.20	0.19	0.20	4.49	ppb
Molybdenum	96-1	0.60	0.62	0.60	0.61	2.25	ppb
Molybdenum	97-1	0.19	0.19	0.20	0.19	2.80	ppb
Molybdenum	98-1	0.19	0.19	0.19	0.19	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.11	18.56	18.55	18.74	1.71	ppb
Phosphorus	31-2	395.63	378.08	376.13	383.28	2.80	ppb
Potassium	39-2	1424.55	1436.23	1441.13	1433.97	0.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	-0.04	0.38	0.22	0.19	113.99	ppb
Selenium	77-2	3.00	1.82	1.79	2.20	31.34	ppb
Selenium	78-2	0.09	-0.09	0.59	0.20	179.61	ppb
Silicon	28-1	224.47	234.91	227.09	228.83	2.37	ppb
Silver	107-1	0.06	0.05	0.06	0.06	7.34	ppb
Silver	109-1	0.06	0.05	0.06	0.06	7.87	ppb
Sodium	23-2	60.13	59.31	60.49	59.98	1.01	ppb
Strontium	86-1	20.44	20.64	20.56	20.55	0.50	ppb
Strontium	88-1	20.29	20.79	20.62	20.57	1.23	ppb
Sulfur	34-1	-2062.64	-2039.40	-2150.73	-2084.26		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.08	0.07	0.07	7.21	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	5.41	ppb
Tin	118-1	0.70	0.69	0.74	0.71	3.41	ppb
Titanium	47-1	246.06	255.91	247.71	249.89	2.11	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:38:01	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.13	0.14	3.03	ppb
Vanadium	51-2	51.96	52.33	52.22	52.17	0.37	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	64.20	64.32	64.18	64.24	0.11	ppb
Zirconium	90-1	1.44	1.47	1.49	1.47	1.62	ppb
Zirconium	91-1	1.40	1.45	1.46	1.44	2.18	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA42L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:41:14	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1901.53	1922.20	1934.01	1919.24	0.86	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	5.27	ppb
Arsenic	75-2	5.08	5.08	5.18	5.11	1.17	ppb
Barium	135-1	11.91	12.02	12.84	12.26	4.17	ppb
Barium	137-1	12.11	12.17	12.14	12.14	0.24	ppb
Beryllium	9-1	0.04	0.06	0.04	0.05	17.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.00	0.05	0.02	134.47	ppb
Cadmium	106-1	-0.12	-1.05	-0.60	-0.59		ppb
Cadmium	111-1	0.02	-0.03	-0.01	-0.01		ppb
Calcium	43-1	556.91	569.84	552.41	559.72	1.62	ppb
Calcium	44-1	571.06	575.25	543.08	563.13	3.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.13	5.08	5.10	5.10	0.43	ppb
Cobalt	59-2	2.44	2.46	2.43	2.44	0.57	ppb
Copper	63-2	8.16	8.24	8.23	8.21	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				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	4507.30	4405.30	4505.61	4472.74	1.31	ppb
Iron	57-2	4569.08	4586.87	4626.73	4594.23	0.64	ppb
Iron	54-2	4661.71	4706.36	4728.78	4698.95	0.73	ppb
Krypton	83-1						cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA42L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:41:14	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.12	2.13	2.22	2.16	2.48	ppb
Lead	207-1	2.07	2.07	2.01	2.05	1.65	ppb
Lead	208-1	2.05	2.06	2.06	2.06	0.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	1169.42	1180.26	1183.98	1177.89	0.64	ppb
Manganese	55-2	95.30	95.23	97.06	95.86	1.08	ppb
Molybdenum	94-1	0.53	0.52	0.54	0.53	1.92	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	3.08	ppb
Molybdenum	96-1	0.14	0.13	0.15	0.14	7.15	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	0.56	ppb
Molybdenum	98-1	0.06	0.06	0.08	0.06	17.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.55	3.50	3.66	3.57	2.24	ppb
Phosphorus	31-2	64.08	58.73	56.14	59.65	6.79	ppb
Potassium	39-2	292.64	294.21	291.46	292.77	0.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.09	0.30	0.31	0.23	54.31	ppb
Selenium	77-2	0.20	0.04	0.19	0.14	63.35	ppb
Selenium	78-2	0.12	0.59	-0.46	0.08	628.36	ppb
Silicon	28-1	44.97	45.09	42.75	44.27	2.97	ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.33	ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.08	ppb
Sodium	23-2	15.85	17.38	16.39	16.54	4.70	ppb
Strontium	86-1	3.94	3.88	3.93	3.92	0.78	ppb
Strontium	88-1	3.89	3.89	3.95	3.91	0.85	ppb
Sulfur	34-1	-2021.54	-2007.03	-2237.61	-2088.73		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.04	0.03	14.82	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	19.12	ppb
Tin	118-1	0.08	0.08	0.06	0.08	15.48	ppb
Titanium	47-1	48.53	48.96	46.81	48.10	2.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA42L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:41:14	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.03	0.03	4.97	ppb
Vanadium	51-2	9.79	9.77	9.91	9.82	0.76	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	10.88	10.57	10.60	10.69	1.60	ppb
Zirconium	90-1	0.29	0.29	0.31	0.30	3.76	ppb
Zirconium	91-1	0.31	0.30	0.31	0.31	2.99	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:44:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9942.43	10020.37	9874.05	9945.62	0.74	ppb
Antimony	121-1	15.64	15.90	15.85	15.79	0.85	ppb
Arsenic	75-2	31.87	32.00	31.81	31.89	0.30	ppb
Barium	135-1	370.89	378.05	378.71	375.89	1.15	ppb
Barium	137-1	387.27	394.89	387.83	390.00	1.09	ppb
Beryllium	9-1	8.16	8.23	8.13	8.18	0.65	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.47	7.66	7.60	7.58	1.27	ppb
Cadmium	106-1	7.33	8.04	7.93	7.77	4.92	ppb
Cadmium	111-1	8.20	8.30	8.26	8.26	0.60	ppb
Calcium	43-1	2865.01	2956.23	2955.02	2925.42	1.79	ppb
Calcium	44-1	2722.95	2731.73	2795.00	2749.89	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.03	58.99	58.97	59.00	0.06	ppb
Cobalt	59-2	93.87	94.09	94.27	94.08	0.22	ppb
Copper	63-2	79.67	80.31	78.80	79.59	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				104		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	22835.99	23292.82	23072.26	23067.02	0.99	ppb
Iron	57-2	22546.56	23124.53	22723.68	22798.26	1.30	ppb
Iron	54-2	23099.78	23301.04	22797.47	23066.10	1.10	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:44:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.28	13.50	13.44	13.41	0.84	ppb
Lead	207-1	12.72	13.04	12.93	12.90	1.24	ppb
Lead	208-1	12.96	13.17	13.08	13.07	0.78	ppb
Lithium	6-1				99		%
Magnesium	24-2	5908.27	5887.70	5939.11	5911.69	0.44	ppb
Manganese	55-2	559.49	558.78	556.65	558.31	0.26	ppb
Molybdenum	94-1	2.38	2.43	2.41	2.41	1.05	ppb
Molybdenum	95-1	0.18	0.21	0.21	0.20	9.27	ppb
Molybdenum	96-1	0.53	0.56	0.58	0.56	4.88	ppb
Molybdenum	97-1	0.18	0.20	0.19	0.19	5.31	ppb
Molybdenum	98-1	0.18	0.18	0.21	0.19	7.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.24	98.51	98.74	98.83	0.38	ppb
Phosphorus	31-2	371.08	373.26	366.32	370.22	0.96	ppb
Potassium	39-2	1362.82	1364.45	1494.72	1407.33	5.38	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	11.05	11.43	11.10	11.19	1.85	ppb
Selenium	77-2	13.98	11.47	12.73	12.73	9.84	ppb
Selenium	78-2	12.70	12.52	11.01	12.08	7.65	ppb
Silicon	28-1	211.67	213.90	212.22	212.60	0.55	ppb
Silver	107-1	7.28	7.49	7.54	7.44	1.90	ppb
Silver	109-1	7.27	7.48	7.56	7.43	2.02	ppb
Sodium	23-2	43.03	44.15	44.89	44.02	2.13	ppb
Strontium	86-1	19.32	19.51	19.18	19.34	0.87	ppb
Strontium	88-1	19.32	19.85	19.51	19.56	1.37	ppb
Sulfur	34-1	-2087.60	-2227.40	-2233.02	-2182.67		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	6.74	6.88	6.98	6.87	1.71	ppb
Thallium	205-1	6.76	6.89	6.99	6.88	1.67	ppb
Tin	118-1	0.45	0.50	0.49	0.48	4.84	ppb
Titanium	47-1	237.65	241.48	239.94	239.69	0.80	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:44:29	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.14	0.13	0.13	3.61	ppb
Vanadium	51-2	131.07	132.60	132.85	132.17	0.73	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	126.58	130.68	130.81	129.36	1.86	ppb
Zirconium	90-1	1.28	1.37	1.37	1.34	3.94	ppb
Zirconium	91-1	1.26	1.33	1.35	1.31	3.47	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10812.61	10633.02	10659.70	10701.78	0.91	ppb
Antimony	121-1	71.76	71.40	72.56	71.90	0.82	ppb
Arsenic	75-2	53.38	52.44	52.77	52.86	0.90	ppb
Barium	135-1	1552.91	1538.19	1566.54	1552.55	0.91	ppb
Barium	137-1	1536.83	1509.42	1539.14	1528.46	1.08	ppb
Beryllium	9-1	34.62	34.94	35.38	34.98	1.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.54	34.41	35.04	35.00	1.63	ppb
Cadmium	106-1	33.37	32.85	34.15	33.46	1.95	ppb
Cadmium	111-1	36.89	36.62	37.43	36.98	1.12	ppb
Calcium	43-1	2779.98	2850.97	2798.61	2809.85	1.31	ppb
Calcium	44-1	2729.66	2704.47	2694.80	2709.65	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	174.40	176.65	175.38	175.48	0.64	ppb
Cobalt	59-2	373.76	382.37	378.69	378.27	1.14	ppb
Copper	63-2	209.82	211.10	212.08	211.00	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	23089.95	23110.68	23142.55	23114.39	0.11	ppb
Iron	57-2	22561.85	22561.46	22613.24	22578.85	0.13	ppb
Iron	54-2	23073.13	22979.91	22707.62	22920.22	0.83	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.78	23.43	23.25	23.15	1.45	ppb
Lead	207-1	22.01	22.93	22.43	22.46	2.05	ppb
Lead	208-1	22.30	23.00	22.87	22.72	1.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	5685.10	5776.07	5752.79	5737.99	0.82	ppb
Manganese	55-2	828.74	832.92	824.54	828.73	0.51	ppb
Molybdenum	94-1	2.38	2.44	2.36	2.40	1.69	ppb
Molybdenum	95-1	0.20	0.21	0.19	0.20	3.31	ppb
Molybdenum	96-1	0.56	0.55	0.57	0.56	1.67	ppb
Molybdenum	97-1	0.18	0.19	0.20	0.19	4.57	ppb
Molybdenum	98-1	0.19	0.20	0.19	0.19	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	382.99	381.46	380.52	381.65	0.33	ppb
Phosphorus	31-2	360.63	348.33	358.27	355.74	1.84	ppb
Potassium	39-2	1439.22	1443.25	1441.04	1441.17	0.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	83.52	82.94	82.79	83.09	0.46	ppb
Selenium	77-2	83.17	79.01	86.82	83.00	4.71	ppb
Selenium	78-2	85.68	82.02	80.62	82.77	3.16	ppb
Silicon	28-1	208.35	213.96	208.63	210.31	1.50	ppb
Silver	107-1	30.56	30.40	31.15	30.70	1.29	ppb
Silver	109-1	30.43	30.83	30.97	30.74	0.92	ppb
Sodium	23-2	44.98	45.93	45.69	45.53	1.09	ppb
Strontium	86-1	19.05	19.57	18.87	19.16	1.88	ppb
Strontium	88-1	19.26	19.31	18.98	19.18	0.93	ppb
Sulfur	34-1	-2187.78	-2163.02	-2288.62	-2213.14		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	31.00	32.29	32.07	31.79	2.18	ppb
Thallium	205-1	30.64	31.92	31.25	31.27	2.05	ppb
Tin	118-1	0.65	0.63	0.59	0.62	5.02	ppb
Titanium	47-1	230.65	237.05	231.77	233.16	1.47	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.13	0.14	0.13	3.26	ppb
Vanadium	51-2	408.35	407.79	406.94	407.69	0.17	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	405.49	408.75	408.91	407.71	0.47	ppb
Zirconium	90-1	1.31	1.38	1.32	1.34	2.57	ppb
Zirconium	91-1	1.39	1.36	1.29	1.35	3.80	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19309.59	19179.29	19180.63	19223.17	0.39	ppb
Antimony	121-1	0.23	0.24	0.23	0.23	1.95	ppb
Arsenic	75-2	12.35	12.34	13.10	12.59	3.45	ppb
Barium	135-1	574.94	583.66	582.62	580.40	0.82	ppb
Barium	137-1	582.56	594.96	580.10	585.87	1.36	ppb
Beryllium	9-1	0.86	0.86	0.90	0.88	2.49	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.65	1.86	1.87	1.79	6.93	ppb
Cadmium	106-1	3.72	3.71	3.01	3.48	11.73	ppb
Cadmium	111-1	0.62	0.62	0.56	0.60	5.52	ppb
Calcium	43-1	16292.42	16417.04	16247.38	16318.94	0.54	ppb
Calcium	44-1	15116.99	15296.01	15501.08	15304.69	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.57	58.53	57.62	57.91	0.94	ppb
Cobalt	59-2	15.51	15.85	15.48	15.62	1.31	ppb
Copper	63-2	55.56	55.64	56.17	55.79	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	22403.34	22266.69	22658.20	22442.75	0.89	ppb
Iron	57-2	22349.59	22068.03	22262.28	22226.63	0.65	ppb
Iron	54-2	22242.36	22356.64	22686.83	22428.61	1.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.44	18.96	18.47	18.62	1.56	ppb
Lead	207-1	18.16	18.34	17.74	18.08	1.70	ppb
Lead	208-1	18.24	18.62	18.10	18.32	1.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	6958.10	6877.72	7002.09	6945.97	0.91	ppb
Manganese	55-2	521.23	516.55	519.83	519.20	0.46	ppb
Molybdenum	94-1	34.43	34.46	35.31	34.73	1.44	ppb
Molybdenum	95-1	0.18	0.17	0.18	0.18	3.25	ppb
Molybdenum	96-1	3.95	3.89	4.01	3.95	1.58	ppb
Molybdenum	97-1	0.19	0.19	0.15	0.18	12.63	ppb
Molybdenum	98-1	0.17	0.19	0.17	0.17	5.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.12	74.68	74.53	74.44	0.39	ppb
Phosphorus	31-2	1544.15	1596.03	1561.61	1567.26	1.68	ppb
Potassium	39-2	1097.72	1118.55	1104.00	1106.76	0.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	0.53	0.15	0.64	0.44	58.75	ppb
Selenium	77-2	12.72	11.64	12.55	12.30	4.73	ppb
Selenium	78-2	3.82	2.15	2.93	2.97	28.31	ppb
Silicon	28-1	196.78	200.56	206.55	201.29	2.45	ppb
Silver	107-1	0.27	0.23	0.21	0.23	13.82	ppb
Silver	109-1	0.25	0.21	0.22	0.22	8.34	ppb
Sodium	23-2	166.54	167.62	165.45	166.54	0.65	ppb
Strontium	86-1	120.70	121.16	123.68	121.85	1.32	ppb
Strontium	88-1	121.90	121.88	123.95	122.58	0.97	ppb
Sulfur	34-1	-1841.43	-1750.27	-1665.65	-1752.45		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.10	0.09	0.10	0.10	8.11	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	3.04	ppb
Tin	118-1	1.64	1.66	1.70	1.67	1.95	ppb
Titanium	47-1	716.15	717.72	735.73	723.20	1.50	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.56	0.57	0.57	0.57	0.81	ppb
Vanadium	51-2	46.52	47.18	46.74	46.81	0.72	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	50.68	52.13	52.01	51.60	1.55	ppb
Zirconium	90-1	20.91	20.82	21.25	20.99	1.08	ppb
Zirconium	91-1	20.97	20.83	21.02	20.94	0.47	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:53:50	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19216.05	19292.84	19228.69	19245.86	0.21	ppb
Antimony	121-1	0.18	0.19	0.19	0.19	3.99	ppb
Arsenic	75-2	12.94	12.53	12.83	12.77	1.66	ppb
Barium	135-1	563.74	581.21	575.25	573.40	1.55	ppb
Barium	137-1	569.53	565.64	586.09	573.75	1.89	ppb
Beryllium	9-1	0.94	0.92	0.87	0.91	4.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.27	1.70	1.76	1.91	16.33	ppb
Cadmium	106-1	3.84	4.29	2.63	3.59	23.97	ppb
Cadmium	111-1	0.56	0.65	0.51	0.57	12.91	ppb
Calcium	43-1	15592.66	15584.91	15442.38	15539.98	0.54	ppb
Calcium	44-1	14708.98	14726.31	14393.53	14609.61	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.75	56.97	56.85	56.86	0.19	ppb
Cobalt	59-2	15.64	15.75	15.76	15.71	0.43	ppb
Copper	63-2	55.25	55.42	55.70	55.46	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				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	23027.56	22863.64	22444.07	22778.42	1.32	ppb
Iron	57-2	22263.04	22458.60	22348.01	22356.55	0.44	ppb
Iron	54-2	22345.34	22353.98	22487.69	22395.67	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:53:50	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.31	18.45	18.77	18.51	1.28	ppb
Lead	207-1	17.99	18.10	18.19	18.09	0.56	ppb
Lead	208-1	17.99	18.16	18.42	18.19	1.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	7198.52	7191.56	7183.13	7191.07	0.11	ppb
Manganese	55-2	530.16	528.98	522.08	527.07	0.83	ppb
Molybdenum	94-1	33.61	33.93	33.47	33.67	0.71	ppb
Molybdenum	95-1	0.18	0.18	0.16	0.17	5.71	ppb
Molybdenum	96-1	3.85	3.85	3.78	3.82	1.05	ppb
Molybdenum	97-1	0.18	0.17	0.17	0.17	1.91	ppb
Molybdenum	98-1	0.17	0.15	0.15	0.16	7.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.29	76.32	75.59	75.73	0.70	ppb
Phosphorus	31-2	1587.77	1588.05	1577.90	1584.57	0.36	ppb
Potassium	39-2	1084.55	1090.72	1090.27	1088.52	0.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	0.36	0.32	0.05	0.24	69.34	ppb
Selenium	77-2	12.53	12.59	12.85	12.66	1.34	ppb
Selenium	78-2	3.93	2.20	3.55	3.23	28.13	ppb
Silicon	28-1	197.25	195.65	193.96	195.62	0.84	ppb
Silver	107-1	0.19	0.19	0.20	0.19	3.24	ppb
Silver	109-1	0.18	0.18	0.19	0.18	3.20	ppb
Sodium	23-2	167.93	166.42	168.40	167.58	0.62	ppb
Strontium	86-1	121.11	121.71	119.51	120.78	0.94	ppb
Strontium	88-1	121.51	124.42	121.30	122.41	1.42	ppb
Sulfur	34-1	-1583.36	-1576.93	-1645.91	-1602.07		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.09	0.09	0.09	2.71	ppb
Thallium	205-1	0.09	0.10	0.09	0.09	4.81	ppb
Tin	118-1	1.57	1.55	1.58	1.57	1.09	ppb
Titanium	47-1	722.59	721.76	723.99	722.78	0.16	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:53:50	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.56	0.57	0.59	0.57	2.41	ppb
Vanadium	51-2	46.51	46.47	46.40	46.46	0.11	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	50.45	50.51	49.42	50.13	1.22	ppb
Zirconium	90-1	20.27	20.57	20.19	20.34	0.99	ppb
Zirconium	91-1	20.26	20.42	20.29	20.32	0.41	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:56:55	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3833.76	3783.71	3869.37	3828.95	1.12	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	7.64	ppb
Arsenic	75-2	2.31	2.36	2.45	2.37	3.13	ppb
Barium	135-1	108.26	108.07	109.14	108.49	0.53	ppb
Barium	137-1	107.69	108.60	108.86	108.38	0.57	ppb
Beryllium	9-1	0.17	0.17	0.18	0.17	2.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.38	0.39	0.29	0.36	16.21	ppb
Cadmium	106-1	1.27	0.71	0.89	0.96	29.87	ppb
Cadmium	111-1	0.15	0.12	0.15	0.14	11.89	ppb
Calcium	43-1	3246.37	3226.99	3276.94	3250.10	0.77	ppb
Calcium	44-1	3046.30	3096.99	3055.31	3066.20	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.60	11.42	11.42	11.48	0.90	ppb
Cobalt	59-2	3.13	3.12	3.11	3.12	0.37	ppb
Copper	63-2	11.22	11.17	11.26	11.22	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				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	4521.65	4435.98	4453.24	4470.29	1.01	ppb
Iron	57-2	4643.97	4625.55	4646.07	4638.53	0.24	ppb
Iron	54-2	4726.78	4707.18	4436.90	4623.62	3.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:56:55	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.65	3.62	3.58	3.61	0.90	ppb
Lead	207-1	3.55	3.56	3.47	3.53	1.39	ppb
Lead	208-1	3.55	3.59	3.50	3.55	1.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	1440.10	1427.60	1422.02	1429.90	0.65	ppb
Manganese	55-2	105.37	105.14	105.21	105.24	0.11	ppb
Molybdenum	94-1	6.90	7.00	6.98	6.96	0.75	ppb
Molybdenum	95-1	0.05	0.06	0.13	0.08	55.00	ppb
Molybdenum	96-1	0.78	0.77	0.79	0.78	1.22	ppb
Molybdenum	97-1	0.05	0.06	0.04	0.05	19.95	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	8.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.97	14.83	15.08	14.96	0.84	ppb
Phosphorus	31-2	284.22	289.31	291.20	288.24	1.25	ppb
Potassium	39-2	221.11	220.99	223.51	221.87	0.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.22	0.14	0.55	0.16	243.28	ppb
Selenium	77-2	2.00	3.35	1.41	2.25	44.08	ppb
Selenium	78-2	0.25	0.68	1.75	0.89	86.54	ppb
Silicon	28-1	43.39	39.97	41.07	41.48	4.21	ppb
Silver	107-1	0.04	0.04	0.04	0.04	1.81	ppb
Silver	109-1	0.04	0.04	0.04	0.04	5.57	ppb
Sodium	23-2	42.21	41.60	41.71	41.84	0.77	ppb
Strontium	86-1	23.85	24.12	23.94	23.97	0.56	ppb
Strontium	88-1	23.91	24.39	24.22	24.17	1.01	ppb
Sulfur	34-1	-1860.43	-1876.32	-1816.72	-1851.16		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.02	0.03	20.82	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.66	ppb
Tin	118-1	0.31	0.30	0.33	0.31	3.49	ppb
Titanium	47-1	142.85	143.08	145.43	143.79	0.99	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:56:55	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.11	0.11	0.11	2.52	ppb
Vanadium	51-2	9.28	9.21	9.38	9.29	0.93	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	12.48	13.33	13.12	12.98	3.42	ppb
Zirconium	90-1	4.06	4.16	4.12	4.11	1.28	ppb
Zirconium	91-1	3.98	4.17	4.14	4.10	2.43	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:00:11	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19679.09	19640.96	19465.28	19595.11	0.58	ppb
Antimony	121-1	17.10	16.26	16.77	16.71	2.52	ppb
Arsenic	75-2	18.97	18.87	18.88	18.91	0.30	ppb
Barium	135-1	967.26	880.35	955.11	934.24	5.04	ppb
Barium	137-1	947.48	889.34	916.93	917.92	3.17	ppb
Beryllium	9-1	9.17	8.58	8.75	8.83	3.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.07	9.10	9.85	9.67	5.29	ppb
Cadmium	106-1	11.37	10.33	11.11	10.94	4.97	ppb
Cadmium	111-1	9.39	8.73	9.15	9.09	3.71	ppb
Calcium	43-1	17326.82	16148.54	16226.98	16567.45	3.98	ppb
Calcium	44-1	16097.80	14976.20	15164.92	15412.97	3.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.29	90.71	91.58	91.53	0.86	ppb
Cobalt	59-2	96.99	97.48	97.31	97.26	0.26	ppb
Copper	63-2	94.19	93.73	93.41	93.77	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	22800.11	23085.76	22770.15	22885.34	0.76	ppb
Iron	57-2	22501.35	22288.17	22587.66	22459.06	0.69	ppb
Iron	54-2	22959.88	22965.05	22806.13	22910.35	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:00:11	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.45	21.35	21.54	21.78	2.70	ppb
Lead	207-1	22.06	20.71	21.14	21.30	3.23	ppb
Lead	208-1	22.27	21.04	21.19	21.50	3.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	7135.68	7091.47	7162.16	7129.77	0.50	ppb
Manganese	55-2	599.34	606.89	600.18	602.14	0.69	ppb
Molybdenum	94-1	35.73	34.12	34.87	34.91	2.31	ppb
Molybdenum	95-1	0.19	0.16	0.18	0.17	9.31	ppb
Molybdenum	96-1	4.17	3.83	3.95	3.98	4.27	ppb
Molybdenum	97-1	0.17	0.16	0.17	0.17	2.81	ppb
Molybdenum	98-1	0.18	0.16	0.17	0.17	7.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.64	155.89	157.21	156.91	0.58	ppb
Phosphorus	31-2	1580.62	1589.70	1589.07	1586.46	0.32	ppb
Potassium	39-2	1121.55	1110.25	1116.56	1116.12	0.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	21.31	20.21	21.29	20.93	3.01	ppb
Selenium	77-2	31.60	32.64	28.16	30.80	7.62	ppb
Selenium	78-2	22.53	23.07	22.02	22.54	2.33	ppb
Silicon	28-1	215.49	198.13	204.30	205.98	4.27	ppb
Silver	107-1	7.94	7.39	7.82	7.72	3.74	ppb
Silver	109-1	8.00	7.49	7.78	7.76	3.33	ppb
Sodium	23-2	165.59	164.62	165.43	165.21	0.32	ppb
Strontium	86-1	129.06	121.48	123.69	124.74	3.13	ppb
Strontium	88-1	128.85	122.12	123.81	124.93	2.80	ppb
Sulfur	34-1	-1261.82	-1616.43	-1547.29	-1475.18		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	7.50	7.21	7.15	7.29	2.53	ppb
Thallium	205-1	7.59	7.20	7.28	7.36	2.80	ppb
Tin	118-1	1.67	1.56	1.63	1.62	3.60	ppb
Titanium	47-1	786.75	720.20	735.15	747.37	4.67	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:00:11	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.57	0.58	0.58	2.59	ppb
Vanadium	51-2	129.27	128.85	128.78	128.97	0.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	130.92	127.95	132.16	130.35	1.66	ppb
Zirconium	90-1	21.54	20.63	21.08	21.08	2.17	ppb
Zirconium	91-1	21.67	20.49	20.91	21.03	2.85	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:03:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19861.50	20121.38	19961.80	19981.56	0.66	ppb
Antimony	121-1	71.37	72.16	73.40	72.31	1.41	ppb
Arsenic	75-2	40.22	40.02	39.30	39.85	1.22	ppb
Barium	135-1	1945.49	1977.35	1964.12	1962.32	0.82	ppb
Barium	137-1	1940.71	1977.74	1950.02	1956.15	0.98	ppb
Beryllium	9-1	34.46	34.01	33.55	34.01	1.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.15	36.90	35.81	36.62	1.95	ppb
Cadmium	106-1	35.53	35.40	37.80	36.24	3.74	ppb
Cadmium	111-1	36.91	38.07	38.19	37.72	1.87	ppb
Calcium	43-1	15231.98	15227.47	15167.38	15208.95	0.24	ppb
Calcium	44-1	14308.15	14265.48	14077.27	14216.97	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197.47	197.11	197.41	197.33	0.10	ppb
Cobalt	59-2	362.88	361.96	358.89	361.24	0.58	ppb
Copper	63-2	217.53	217.66	213.17	216.12	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				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	22715.48	22513.30	22446.70	22558.49	0.62	ppb
Iron	57-2	22466.79	22030.23	22305.70	22267.57	0.99	ppb
Iron	54-2	22853.97	22798.00	22297.00	22649.66	1.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:03:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.85	31.06	31.04	30.98	0.36	ppb
Lead	207-1	30.39	30.08	30.15	30.21	0.55	ppb
Lead	208-1	30.59	30.60	30.69	30.63	0.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	6893.01	6887.86	6926.89	6902.59	0.31	ppb
Manganese	55-2	843.10	843.56	836.84	841.17	0.45	ppb
Molybdenum	94-1	32.05	33.33	32.75	32.71	1.95	ppb
Molybdenum	95-1	0.14	0.17	0.15	0.15	7.46	ppb
Molybdenum	96-1	3.58	3.81	3.70	3.70	3.21	ppb
Molybdenum	97-1	0.13	0.13	0.14	0.13	3.34	ppb
Molybdenum	98-1	0.15	0.16	0.15	0.15	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	419.25	413.03	413.40	415.23	0.84	ppb
Phosphorus	31-2	1508.65	1531.66	1502.44	1514.25	1.02	ppb
Potassium	39-2	1063.14	1057.48	1052.84	1057.82	0.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	73.30	76.75	74.44	74.83	2.35	ppb
Selenium	77-2	91.17	93.03	89.18	91.13	2.12	ppb
Selenium	78-2	74.99	75.41	77.08	75.82	1.46	ppb
Silicon	28-1	191.11	188.96	190.71	190.26	0.60	ppb
Silver	107-1	31.16	31.46	31.64	31.42	0.78	ppb
Silver	109-1	30.68	31.39	31.69	31.26	1.65	ppb
Sodium	23-2	160.50	161.16	161.21	160.96	0.25	ppb
Strontium	86-1	116.11	119.04	118.32	117.82	1.30	ppb
Strontium	88-1	117.49	118.82	119.41	118.58	0.83	ppb
Sulfur	34-1	-1571.40	-1697.08	-1724.75	-1664.41		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	32.57	32.51	32.33	32.47	0.37	ppb
Thallium	205-1	32.05	32.28	32.20	32.18	0.37	ppb
Tin	118-1	1.51	1.56	1.61	1.56	3.14	ppb
Titanium	47-1	695.49	695.37	690.40	693.75	0.42	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:03:18	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.53	0.55	0.55	0.54	1.87	ppb
Vanadium	51-2	389.09	376.77	381.16	382.34	1.63	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	386.81	388.15	386.04	387.00	0.28	ppb
Zirconium	90-1	19.41	20.15	19.87	19.81	1.89	ppb
Zirconium	91-1	19.43	20.24	20.29	19.99	2.43	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06A	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:06:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70018.48	69116.18	70469.23	69867.96	0.99	ppb
Antimony	121-1	0.59	0.62	0.63	0.62	3.33	ppb
Arsenic	75-2	45.56	45.94	44.68	45.39	1.43	ppb
Barium	135-1	2172.59	2232.25	2242.16	2215.67	1.70	ppb
Barium	137-1	2165.60	2231.12	2237.43	2211.38	1.80	ppb
Beryllium	9-1	3.23	3.49	3.46	3.39	4.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.79	7.57	6.97	7.11	5.77	ppb
Cadmium	106-1	12.30	13.26	13.35	12.97	4.49	ppb
Cadmium	111-1	2.07	2.10	2.26	2.14	4.87	ppb
Calcium	43-1	55138.31	56545.62	55567.63	55750.52	1.29	ppb
Calcium	44-1	54606.52	56387.02	55605.29	55532.94	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.33	205.34	203.46	204.71	0.53	ppb
Cobalt	59-2	55.42	55.58	56.06	55.68	0.60	ppb
Copper	63-2	200.95	198.82	198.98	199.59	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	80434.71	80457.04	80883.30	80591.68	0.31	ppb
Iron	57-2	79590.91	78943.35	79349.72	79294.66	0.41	ppb
Iron	54-2	80849.27	80812.42	81407.76	81023.15	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06A	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:06:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	231.21	238.65	234.38	234.75	1.59	ppb
Lead	207-1	207.80	217.79	213.49	213.03	2.35	ppb
Lead	208-1	227.06	233.34	232.34	230.91	1.46	ppb
Lithium	6-1				98		%
Magnesium	24-2	25383.55	25444.42	25152.43	25326.80	0.61	ppb
Manganese	55-2	1839.63	1849.52	1871.67	1853.61	0.89	ppb
Molybdenum	94-1	125.07	125.73	128.00	126.27	1.22	ppb
Molybdenum	95-1	0.47	0.51	0.51	0.50	4.00	ppb
Molybdenum	96-1	14.10	13.92	14.24	14.09	1.14	ppb
Molybdenum	97-1	0.50	0.48	0.48	0.48	2.31	ppb
Molybdenum	98-1	0.46	0.46	0.45	0.46	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.73	264.47	263.56	263.59	0.33	ppb
Phosphorus	31-2	5640.75	5576.86	5630.39	5616.00	0.61	ppb
Potassium	39-2	3691.63	3663.16	3702.55	3685.78	0.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	1.08	0.99	0.40	0.82	45.23	ppb
Selenium	77-2	41.05	46.82	40.19	42.68	8.44	ppb
Selenium	78-2	8.99	7.71	9.07	8.59	8.90	ppb
Silicon	28-1	825.78	859.02	843.38	842.73	1.97	ppb
Silver	107-1	0.82	0.76	0.77	0.78	4.32	ppb
Silver	109-1	0.73	0.72	0.74	0.73	1.59	ppb
Sodium	23-2	603.81	616.74	623.36	614.64	1.62	ppb
Strontium	86-1	434.75	441.02	449.38	441.72	1.66	ppb
Strontium	88-1	439.99	439.10	446.70	441.93	0.94	ppb
Sulfur	34-1	-1472.75	-1386.33	-1471.14	-1443.41		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.32	0.35	0.34	0.34	5.96	ppb
Thallium	205-1	0.32	0.34	0.35	0.34	4.80	ppb
Tin	118-1	6.18	6.46	6.42	6.35	2.37	ppb
Titanium	47-1	2607.77	2674.28	2636.40	2639.49	1.26	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06A	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:06:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.13	2.27	2.18	2.19	3.10	ppb
Vanadium	51-2	170.11	169.96	169.81	169.96	0.09	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	175.26	176.82	177.33	176.47	0.61	ppb
Zirconium	90-1	74.42	76.01	77.18	75.87	1.82	ppb
Zirconium	91-1	74.51	76.02	77.10	75.88	1.72	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:09:19	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50716.20	50067.67	50013.05	50265.64	0.78	ppb
Antimony	121-1	482.21	493.36	501.33	492.30	1.95	ppb
Arsenic	75-2	487.43	497.33	495.14	493.30	1.05	ppb
Barium	135-1	2426.72	2507.90	2551.06	2495.22	2.53	ppb
Barium	137-1	2461.46	2545.06	2514.13	2506.88	1.69	ppb
Beryllium	9-1	503.70	527.96	528.03	519.89	2.70	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	480.21	492.81	495.80	489.61	1.69	ppb
Cadmium	106-1	475.90	495.06	492.33	487.77	2.12	ppb
Cadmium	111-1	467.01	475.93	480.13	474.36	1.41	ppb
Calcium	43-1	246465.04	251653.08	254867.52	250995.21	1.69	ppb
Calcium	44-1	243598.26	250255.79	249963.48	247939.18	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.85	488.82	498.94	491.87	1.25	ppb
Cobalt	59-2	514.39	514.86	515.80	515.02	0.14	ppb
Copper	63-2	4964.04	4946.09	4991.48	4967.20	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	126186.97	125581.39	127606.80	126458.39	0.82	ppb
Iron	57-2	124459.27	124883.98	125301.55	124881.60	0.34	ppb
Iron	54-2	124850.66	125531.39	126479.45	125620.50	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:09:19	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2513.26	2606.28	2597.23	2572.26	1.99	ppb
Lead	207-1	2512.21	2587.27	2594.83	2564.77	1.78	ppb
Lead	208-1	2533.34	2586.51	2582.66	2567.50	1.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	250493.28	248454.46	252421.88	250456.54	0.79	ppb
Manganese	55-2	4845.35	4877.85	4911.64	4878.28	0.68	ppb
Molybdenum	94-1	4846.95	5105.21	5044.14	4998.77	2.70	ppb
Molybdenum	95-1	4829.27	5134.65	5081.00	5014.97	3.25	ppb
Molybdenum	96-1	4897.14	5077.59	5024.30	4999.67	1.85	ppb
Molybdenum	97-1	4946.46	5045.92	5012.55	5001.65	1.01	ppb
Molybdenum	98-1	4948.33	5149.86	5053.79	5050.66	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.49	492.64	495.35	494.83	0.40	ppb
Phosphorus	31-2	10005.38	10032.05	10112.65	10050.03	0.56	ppb
Potassium	39-2	122069.39	121214.57	123945.59	122409.85	1.14	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	470.84	480.21	478.02	476.36	1.03	ppb
Selenium	77-2	483.96	490.15	482.93	485.68	0.80	ppb
Selenium	78-2	482.71	479.83	488.27	483.60	0.89	ppb
Silicon	28-1	673.87	699.93	691.62	688.47	1.93	ppb
Silver	107-1	479.26	485.78	492.01	485.69	1.31	ppb
Silver	109-1	480.19	483.18	484.59	482.65	0.47	ppb
Sodium	23-2	252724.37	250047.79	254094.69	252288.95	0.82	ppb
Strontium	86-1	12280.51	12569.73	12584.69	12478.31	1.37	ppb
Strontium	88-1	12318.57	12666.60	12605.34	12530.17	1.48	ppb
Sulfur	34-1	9516.93	9595.50	9676.03	9596.15	0.83	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	496.62	522.55	529.67	516.28	3.37	ppb
Thallium	205-1	495.44	517.29	520.93	511.22	2.70	ppb
Tin	118-1	489.44	502.23	498.44	496.70	1.32	ppb
Titanium	47-1	4840.24	5007.01	5071.52	4972.92	2.40	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:09:19	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.11	520.75	523.63	516.16	2.04	ppb
Vanadium	51-2	493.09	493.65	499.23	495.32	0.69	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	4932.35	4867.29	4899.50	4899.71	0.66	ppb
Zirconium	90-1	491.81	510.02	513.89	505.24	2.33	ppb
Zirconium	91-1	488.70	505.19	516.21	503.37	2.75	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:12:20	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.78	2.09	1.97	1.95	8.17	ppb
Antimony	121-1	0.31	0.33	0.37	0.34	8.70	ppb
Arsenic	75-2	0.02	0.03	0.01	0.02	52.17	ppb
Barium	135-1	0.09	0.05	0.06	0.06	31.51	ppb
Barium	137-1	0.09	0.07	0.07	0.08	16.16	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	40.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.04	-0.01	0.02	112.12	ppb
Cadmium	106-1	-0.27	0.04	-0.25	-0.16		ppb
Cadmium	111-1	0.02	0.03	0.01	0.02	65.07	ppb
Calcium	43-1	5.79	3.57	6.86	5.41	30.97	ppb
Calcium	44-1	10.36	8.06	9.21	9.21	12.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.04	0.05	0.05	16.65	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	20.65	ppb
Copper	63-2	0.28	0.28	0.31	0.29	7.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	3.72	3.66	4.34	3.91	9.63	ppb
Iron	57-2	0.66	0.49	3.81	1.65	113.25	ppb
Iron	54-2	4.45	3.31	4.78	4.18	18.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:12:20	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.16	0.14	0.16	14.08	ppb
Lead	207-1	0.17	0.14	0.14	0.15	11.38	ppb
Lead	208-1	0.18	0.16	0.14	0.16	12.05	ppb
Lithium	6-1				103		%
Magnesium	24-2	6.08	7.37	7.81	7.09	12.67	ppb
Manganese	55-2	0.11	0.12	0.15	0.13	20.50	ppb
Molybdenum	94-1	0.58	0.49	0.48	0.52	11.08	ppb
Molybdenum	95-1	0.29	0.25	0.25	0.26	7.30	ppb
Molybdenum	96-1	0.34	0.27	0.28	0.29	12.70	ppb
Molybdenum	97-1	0.27	0.23	0.23	0.24	10.68	ppb
Molybdenum	98-1	0.29	0.26	0.27	0.27	6.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	31.96	ppb
Phosphorus	31-2	-13.11	-16.14	-14.80	-14.68		ppb
Potassium	39-2	11.43	9.98	10.91	10.77	6.80	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.31	0.07	0.37	0.25	63.85	ppb
Selenium	77-2	-0.10	-0.26	-0.26	-0.20		ppb
Selenium	78-2	0.28	-0.40	-0.15	-0.09		ppb
Silicon	28-1	0.03	-0.04	0.04	0.01	418.56	ppb
Silver	107-1	0.08	0.08	0.07	0.08	6.95	ppb
Silver	109-1	0.09	0.08	0.07	0.08	11.46	ppb
Sodium	23-2	30.79	31.67	31.03	31.17	1.45	ppb
Strontium	86-1	0.49	0.34	0.31	0.38	24.32	ppb
Strontium	88-1	0.47	0.35	0.33	0.38	19.16	ppb
Sulfur	34-1	-906.40	-918.86	-999.42	-941.56		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.04	0.05	0.05	21.68	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	20.42	ppb
Tin	118-1	0.07	0.09	0.09	0.08	11.21	ppb
Titanium	47-1	0.26	0.23	0.23	0.24	8.48	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:12:20	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	15.68	ppb
Vanadium	51-2	0.01	0.02	0.02	0.01	24.78	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.13	0.18	0.04	0.11	59.29	ppb
Zirconium	90-1	0.22	0.18	0.17	0.19	15.55	ppb
Zirconium	91-1	0.22	0.18	0.15	0.18	20.24	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-13	Instrumnet Name :	P7
Client Sample ID :	MYD102	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:15:38	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70222.95	69530.95	69938.99	69897.63	0.50	ppb
Antimony	121-1	4.43	4.47	4.47	4.45	0.58	ppb
Arsenic	75-2	233.14	228.17	228.31	229.87	1.23	ppb
Barium	135-1	998.51	961.60	948.22	969.45	2.69	ppb
Barium	137-1	964.59	970.51	958.50	964.53	0.62	ppb
Beryllium	9-1	3.12	3.08	2.96	3.05	2.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.32	3.18	3.17	2.89	17.01	ppb
Cadmium	106-1	5.64	5.44	5.43	5.50	2.14	ppb
Cadmium	111-1	1.30	1.27	1.26	1.28	1.84	ppb
Calcium	43-1	24907.97	23962.64	23716.31	24195.64	2.60	ppb
Calcium	44-1	23530.39	22904.14	22834.60	23089.71	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	181.36	180.66	180.26	180.76	0.31	ppb
Cobalt	59-2	74.36	73.13	73.43	73.64	0.87	ppb
Copper	63-2	211.83	211.38	208.96	210.72	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				107		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	168611.86	165297.47	165880.31	166596.55	1.06	ppb
Iron	57-2	163140.52	161293.91	160560.20	161664.88	0.82	ppb
Iron	54-2	166402.79	165732.57	163926.30	165353.88	0.77	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-13	Instrumnet Name :	P7
Client Sample ID :	MYD102	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:15:38	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.36	51.29	51.27	51.64	1.21	ppb
Lead	207-1	51.25	48.76	49.61	49.87	2.53	ppb
Lead	208-1	51.57	50.33	50.97	50.96	1.21	ppb
Lithium	6-1				105		%
Magnesium	24-2	34741.19	35149.65	34817.35	34902.73	0.62	ppb
Manganese	55-2	3341.76	3289.39	3278.83	3303.33	1.02	ppb
Molybdenum	94-1	36.89	38.80	39.52	38.41	3.54	ppb
Molybdenum	95-1	1.92	2.11	2.12	2.05	5.43	ppb
Molybdenum	96-1	6.55	7.02	7.17	6.91	4.71	ppb
Molybdenum	97-1	1.93	2.07	2.03	2.01	3.66	ppb
Molybdenum	98-1	1.87	2.00	2.08	1.98	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	185.78	184.78	183.16	184.58	0.72	ppb
Phosphorus	31-2	4525.36	4546.56	4515.21	4529.04	0.35	ppb
Potassium	39-2	10837.48	10705.14	10669.85	10737.49	0.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				119		%
Scandium	45-2				116		%
Selenium	82-1	1.67	2.09	1.84	1.87	11.32	ppb
Selenium	77-2	29.95	28.66	32.70	30.44	6.79	ppb
Selenium	78-2	5.72	5.84	6.20	5.92	4.18	ppb
Silicon	28-1	533.92	541.58	533.23	536.24	0.86	ppb
Silver	107-1	0.44	0.39	0.37	0.40	8.04	ppb
Silver	109-1	0.43	0.38	0.38	0.40	7.55	ppb
Sodium	23-2	321.87	323.17	324.98	323.34	0.48	ppb
Strontium	86-1	145.06	152.42	154.57	150.68	3.31	ppb
Strontium	88-1	147.61	154.95	154.54	152.37	2.71	ppb
Sulfur	34-1	-901.82	-1120.78	-1186.41	-1069.67		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.69	0.67	0.63	0.66	4.46	ppb
Thallium	205-1	0.68	0.68	0.70	0.69	2.30	ppb
Tin	118-1	3.77	3.95	3.97	3.89	2.85	ppb
Titanium	47-1	1045.23	1062.60	1059.48	1055.77	0.88	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-13	Instrumnet Name :	P7
Client Sample ID :	MYD102	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:15:38	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.98	1.87	1.89	1.91	3.21	ppb
Vanadium	51-2	306.03	297.27	306.29	303.20	1.69	ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	367.78	366.59	369.09	367.82	0.34	ppb
Zirconium	90-1	21.47	22.56	22.95	22.33	3.43	ppb
Zirconium	91-1	21.16	22.85	23.19	22.40	4.86	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-14	Instrumnet Name :	P7
Client Sample ID :	MYD103	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:18:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51451.08	51710.22	51024.76	51395.35	0.67	ppb
Antimony	121-1	3.78	3.80	3.92	3.83	1.89	ppb
Arsenic	75-2	117.17	119.77	118.61	118.52	1.10	ppb
Barium	135-1	749.12	764.64	795.00	769.59	3.03	ppb
Barium	137-1	779.30	750.19	806.30	778.60	3.60	ppb
Beryllium	9-1	1.78	1.95	1.98	1.90	5.59	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.64	1.89	1.96	1.83	9.13	ppb
Cadmium	106-1	3.56	2.67	3.45	3.23	15.00	ppb
Cadmium	111-1	0.73	0.69	0.77	0.73	5.94	ppb
Calcium	43-1	13891.97	14460.86	14137.54	14163.45	2.01	ppb
Calcium	44-1	13613.70	13747.38	13680.56	13680.55	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.06	132.07	130.63	130.92	0.79	ppb
Cobalt	59-2	64.67	65.12	65.00	64.93	0.36	ppb
Copper	63-2	117.78	119.89	118.02	118.57	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				108		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	102283.83	104128.81	102395.04	102935.89	1.01	ppb
Iron	57-2	101056.55	102463.70	100380.61	101300.29	1.05	ppb
Iron	54-2	102655.83	103179.79	103381.17	103072.26	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-14	Instrumnet Name :	P7
Client Sample ID :	MYD103	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:18:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.57	28.56	28.33	28.15	1.85	ppb
Lead	207-1	25.92	27.45	26.02	26.47	3.23	ppb
Lead	208-1	26.95	27.58	27.52	27.35	1.27	ppb
Lithium	6-1				105		%
Magnesium	24-2	23724.64	24188.74	23594.51	23835.96	1.31	ppb
Manganese	55-2	9669.30	9764.07	9626.61	9686.66	0.73	ppb
Molybdenum	94-1	22.84	22.92	22.41	22.72	1.20	ppb
Molybdenum	95-1	1.11	1.06	1.14	1.10	3.56	ppb
Molybdenum	96-1	3.85	3.82	3.85	3.84	0.51	ppb
Molybdenum	97-1	0.98	1.00	0.95	0.98	2.96	ppb
Molybdenum	98-1	0.99	0.92	0.94	0.95	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.14	136.36	134.30	134.93	0.92	ppb
Phosphorus	31-2	2359.01	2406.01	2417.39	2394.14	1.29	ppb
Potassium	39-2	7297.57	7505.12	7312.43	7371.71	1.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	1.25	1.50	0.84	1.20	27.82	ppb
Selenium	77-2	19.10	24.23	26.12	23.15	15.70	ppb
Selenium	78-2	4.42	4.45	5.03	4.63	7.44	ppb
Silicon	28-1	357.79	370.49	365.41	364.56	1.75	ppb
Silver	107-1	0.21	0.21	0.23	0.21	4.51	ppb
Silver	109-1	0.21	0.22	0.23	0.22	5.93	ppb
Sodium	23-2	214.93	221.61	220.66	219.07	1.65	ppb
Strontium	86-1	110.05	108.21	106.95	108.40	1.44	ppb
Strontium	88-1	107.96	108.53	107.12	107.87	0.66	ppb
Sulfur	34-1	-1936.96	-1892.45	-1992.66	-1940.69		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.46	0.52	0.47	0.48	5.70	ppb
Thallium	205-1	0.50	0.49	0.51	0.50	1.56	ppb
Tin	118-1	2.69	2.61	2.82	2.71	4.05	ppb
Titanium	47-1	751.39	757.05	739.77	749.40	1.18	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-14	Instrumnet Name :	P7
Client Sample ID :	MYD103	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:18:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.11	1.15	1.14	1.13	1.67	ppb
Vanadium	51-2	191.08	192.92	190.97	191.66	0.57	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	202.60	205.03	203.05	203.56	0.63	ppb
Zirconium	90-1	13.76	13.16	13.53	13.49	2.26	ppb
Zirconium	91-1	13.35	12.94	13.40	13.23	1.89	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-15	Instrumnet Name :	P7
Client Sample ID :	MYD104	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:21:49	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61147.37	61819.03	61391.41	61452.61	0.55	ppb
Antimony	121-1	2.87	2.86	2.79	2.84	1.54	ppb
Arsenic	75-2	116.17	118.32	117.94	117.48	0.98	ppb
Barium	135-1	740.51	733.89	744.57	739.65	0.73	ppb
Barium	137-1	717.21	718.79	747.64	727.88	2.35	ppb
Beryllium	9-1	2.32	2.46	2.45	2.41	3.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	1.74	2.23	1.96	12.65	ppb
Cadmium	106-1	4.52	4.29	3.30	4.04	16.08	ppb
Cadmium	111-1	0.66	0.70	0.56	0.64	11.94	ppb
Calcium	43-1	16532.11	16755.90	16726.32	16671.45	0.73	ppb
Calcium	44-1	15492.62	15657.05	15571.15	15573.61	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	144.55	144.27	144.42	144.42	0.10	ppb
Cobalt	59-2	49.93	49.70	49.71	49.78	0.26	ppb
Copper	63-2	114.72	114.51	114.76	114.66	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				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	115366.26	116967.91	116436.49	116256.88	0.70	ppb
Iron	57-2	114433.42	112769.42	113178.65	113460.50	0.76	ppb
Iron	54-2	116139.50	116484.81	116515.75	116380.02	0.18	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-15	Instrumnet Name :	P7
Client Sample ID :	MYD104	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:21:49	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.47	23.89	22.84	23.40	2.26	ppb
Lead	207-1	21.08	21.59	22.12	21.60	2.39	ppb
Lead	208-1	21.80	22.16	22.35	22.10	1.26	ppb
Lithium	6-1				100		%
Magnesium	24-2	26192.47	25826.71	26105.95	26041.71	0.73	ppb
Manganese	55-2	2060.26	2049.97	2058.56	2056.26	0.27	ppb
Molybdenum	94-1	30.78	31.47	31.01	31.09	1.14	ppb
Molybdenum	95-1	0.74	0.73	0.75	0.74	1.09	ppb
Molybdenum	96-1	4.65	4.80	4.59	4.68	2.27	ppb
Molybdenum	97-1	0.76	0.74	0.73	0.74	2.00	ppb
Molybdenum	98-1	0.68	0.70	0.71	0.70	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	149.06	149.52	150.80	149.80	0.60	ppb
Phosphorus	31-2	2599.28	2547.45	2554.58	2567.10	1.09	ppb
Potassium	39-2	7650.61	7568.42	7714.40	7644.48	0.96	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	82-1	0.58	0.61	0.55	0.58	4.97	ppb
Selenium	77-2	22.04	20.90	23.22	22.05	5.27	ppb
Selenium	78-2	4.40	4.50	4.16	4.35	4.03	ppb
Silicon	28-1	430.25	445.47	421.21	432.31	2.84	ppb
Silver	107-1	0.22	0.21	0.24	0.23	5.55	ppb
Silver	109-1	0.23	0.21	0.22	0.22	3.61	ppb
Sodium	23-2	213.07	213.64	216.60	214.43	0.88	ppb
Strontium	86-1	103.05	105.15	101.17	103.12	1.93	ppb
Strontium	88-1	104.42	105.67	103.94	104.68	0.85	ppb
Sulfur	34-1	-1938.55	-1916.78	-2066.58	-1973.97		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.44	0.38	0.39	0.40	7.22	ppb
Thallium	205-1	0.37	0.38	0.39	0.38	3.45	ppb
Tin	118-1	2.93	2.91	2.81	2.89	2.16	ppb
Titanium	47-1	885.85	893.96	869.09	882.97	1.44	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-15	Instrumnet Name :	P7
Client Sample ID :	MYD104	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:21:49	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.29	1.33	1.29	3.26	ppb
Vanadium	51-2	228.38	226.64	223.44	226.15	1.11	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	192.14	191.54	191.44	191.70	0.20	ppb
Zirconium	90-1	17.94	18.57	18.57	18.36	1.99	ppb
Zirconium	91-1	18.58	18.96	18.03	18.52	2.51	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-16	Instrumnet Name :	P7
Client Sample ID :	MYD105	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:24:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66878.57	67423.84	66633.28	66978.56	0.60	ppb
Antimony	121-1	1.72	1.75	1.83	1.77	3.26	ppb
Arsenic	75-2	96.37	98.58	97.51	97.49	1.13	ppb
Barium	135-1	2569.40	2678.47	2667.78	2638.55	2.28	ppb
Barium	137-1	2598.33	2664.76	2682.39	2648.49	1.67	ppb
Beryllium	9-1	3.47	3.55	3.75	3.59	4.03	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.78	4.62	4.13	4.51	7.53	ppb
Cadmium	106-1	7.87	8.07	7.40	7.78	4.44	ppb
Cadmium	111-1	2.41	2.32	2.38	2.37	1.97	ppb
Calcium	43-1	31481.77	30867.80	31655.20	31334.93	1.32	ppb
Calcium	44-1	31033.82	31031.64	31272.27	31112.57	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	200.34	197.86	196.13	198.11	1.07	ppb
Cobalt	59-2	63.82	63.29	63.64	63.58	0.42	ppb
Copper	63-2	294.74	289.40	293.70	292.62	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	78878.37	77771.88	78739.99	78463.41	0.77	ppb
Iron	57-2	77188.90	76162.66	77618.18	76989.91	0.97	ppb
Iron	54-2	78039.99	78907.80	77963.98	78303.92	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-16	Instrumnet Name :	P7
Client Sample ID :	MYD105	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:24:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.63	87.55	90.66	88.28	2.39	ppb
Lead	207-1	83.92	85.46	87.97	85.78	2.38	ppb
Lead	208-1	89.59	91.17	93.99	91.58	2.43	ppb
Lithium	6-1				100		%
Magnesium	24-2	37873.27	37633.31	37373.33	37626.63	0.66	ppb
Manganese	55-2	2110.68	2085.15	2089.71	2095.18	0.65	ppb
Molybdenum	94-1	61.87	62.11	62.28	62.09	0.33	ppb
Molybdenum	95-1	0.91	0.93	0.92	0.92	1.24	ppb
Molybdenum	96-1	7.77	7.90	7.98	7.88	1.36	ppb
Molybdenum	97-1	0.90	0.90	0.90	0.90	0.54	ppb
Molybdenum	98-1	0.90	0.91	0.87	0.89	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	340.80	341.87	338.83	340.50	0.45	ppb
Phosphorus	31-2	8569.71	8500.12	8602.04	8557.29	0.61	ppb
Potassium	39-2	4077.16	4063.89	4035.08	4058.71	0.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	1.57	1.36	1.86	1.60	15.62	ppb
Selenium	77-2	48.07	50.05	41.48	46.53	9.64	ppb
Selenium	78-2	12.35	10.57	10.06	11.00	10.95	ppb
Silicon	28-1	475.77	477.09	481.32	478.06	0.61	ppb
Silver	107-1	0.92	0.96	0.95	0.94	2.04	ppb
Silver	109-1	0.89	0.95	0.91	0.92	3.45	ppb
Sodium	23-2	3671.54	3656.90	3645.59	3658.01	0.36	ppb
Strontium	86-1	571.40	584.03	581.73	579.05	1.16	ppb
Strontium	88-1	569.92	581.39	575.74	575.68	1.00	ppb
Sulfur	34-1	-1706.34	-1706.78	-1714.32	-1709.15		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.40	0.43	0.42	0.41	3.89	ppb
Thallium	205-1	0.41	0.42	0.43	0.42	2.36	ppb
Tin	118-1	3.57	3.65	3.67	3.63	1.37	ppb
Titanium	47-1	1929.33	1931.78	1943.11	1934.74	0.38	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-16	Instrumnet Name :	P7
Client Sample ID :	MYD105	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:24:57	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.27	2.34	2.40	2.33	2.81	ppb
Vanadium	51-2	164.44	161.89	162.41	162.91	0.83	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	226.37	225.94	225.99	226.10	0.10	ppb
Zirconium	90-1	36.71	37.24	37.51	37.15	1.10	ppb
Zirconium	91-1	36.67	37.43	37.79	37.30	1.53	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-17	Instrumnet Name :	P7
Client Sample ID :	MYDA38	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:27:57	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68767.15	69018.01	69383.40	69056.19	0.45	ppb
Antimony	121-1	0.86	0.87	0.86	0.86	0.89	ppb
Arsenic	75-2	100.63	100.58	99.91	100.38	0.40	ppb
Barium	135-1	349.51	350.35	345.91	348.59	0.68	ppb
Barium	137-1	373.99	362.03	355.74	363.92	2.55	ppb
Beryllium	9-1	1.18	1.11	1.21	1.17	4.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.80	1.77	1.72	1.77	2.38	ppb
Cadmium	106-1	3.76	2.21	1.96	2.64	36.92	ppb
Cadmium	111-1	1.54	1.43	1.40	1.46	4.85	ppb
Calcium	43-1	16238.63	16639.44	16343.58	16407.21	1.27	ppb
Calcium	44-1	15637.70	15592.20	15570.23	15600.04	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.62	133.40	132.93	133.32	0.26	ppb
Cobalt	59-2	93.77	93.47	93.98	93.74	0.27	ppb
Copper	63-2	314.34	315.84	315.67	315.28	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	174356.66	174371.88	173483.87	174070.81	0.29	ppb
Iron	57-2	170493.19	171407.64	171564.28	171155.04	0.34	ppb
Iron	54-2	173169.19	172430.44	173613.11	173070.91	0.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-17	Instrumnet Name :	P7
Client Sample ID :	MYDA38	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:27:57	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.18	52.93	52.78	52.63	0.75	ppb
Lead	207-1	50.11	51.42	51.46	51.00	1.50	ppb
Lead	208-1	50.77	51.90	51.44	51.37	1.10	ppb
Lithium	6-1				95		%
Magnesium	24-2	48758.78	49254.30	49536.60	49183.23	0.80	ppb
Manganese	55-2	3183.35	3204.75	3241.10	3209.73	0.91	ppb
Molybdenum	94-1	8.86	9.09	8.79	8.91	1.78	ppb
Molybdenum	95-1	1.70	1.76	1.66	1.71	2.95	ppb
Molybdenum	96-1	3.53	3.62	3.52	3.56	1.63	ppb
Molybdenum	97-1	1.76	1.78	1.72	1.75	1.65	ppb
Molybdenum	98-1	1.68	1.71	1.67	1.69	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.61	123.86	123.07	123.52	0.33	ppb
Phosphorus	31-2	2621.87	2632.63	2601.60	2618.70	0.60	ppb
Potassium	39-2	10295.80	10392.73	10255.58	10314.70	0.68	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				117		%
Scandium	45-2				115		%
Selenium	82-1	0.74	0.26	0.90	0.64	52.55	ppb
Selenium	77-2	14.22	13.63	11.89	13.25	9.14	ppb
Selenium	78-2	3.26	1.73	3.45	2.82	33.41	ppb
Silicon	28-1	532.99	534.13	544.54	537.22	1.19	ppb
Silver	107-1	0.54	0.54	0.52	0.53	2.47	ppb
Silver	109-1	0.53	0.53	0.56	0.54	2.59	ppb
Sodium	23-2	437.61	442.95	444.77	441.77	0.84	ppb
Strontium	86-1	87.02	88.62	86.63	87.42	1.20	ppb
Strontium	88-1	87.67	88.35	87.03	87.69	0.76	ppb
Sulfur	34-1	-1957.73	-1850.75	-1869.44	-1892.64		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.20	0.19	0.21	0.20	5.61	ppb
Thallium	205-1	0.18	0.19	0.20	0.19	5.29	ppb
Tin	118-1	2.60	2.61	2.52	2.58	2.01	ppb
Titanium	47-1	1281.76	1302.25	1296.19	1293.40	0.81	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-17	Instrumnet Name :	P7
Client Sample ID :	MYDA38	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:27:57	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.68	0.68	0.68	1.29	ppb
Vanadium	51-2	463.87	477.60	468.68	470.05	1.48	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	328.74	330.69	329.38	329.61	0.30	ppb
Zirconium	90-1	4.48	4.61	4.48	4.52	1.62	ppb
Zirconium	91-1	4.53	4.74	4.57	4.61	2.40	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-18	Instrumnet Name :	P7
Client Sample ID :	MYDA39	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:31:04	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49729.32	49937.72	49396.35	49687.80	0.55	ppb
Antimony	121-1	2.05	2.12	2.05	2.07	1.83	ppb
Arsenic	75-2	168.67	171.30	169.09	169.68	0.83	ppb
Barium	135-1	553.02	557.22	566.86	559.04	1.27	ppb
Barium	137-1	544.92	542.24	555.50	547.56	1.28	ppb
Beryllium	9-1	1.78	1.89	1.83	1.83	3.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.42	2.47	2.58	2.49	3.21	ppb
Cadmium	106-1	3.28	3.26	2.65	3.06	11.72	ppb
Cadmium	111-1	1.41	1.40	1.42	1.41	0.88	ppb
Calcium	43-1	10742.11	10894.10	10991.90	10876.04	1.16	ppb
Calcium	44-1	10059.86	10213.87	10198.26	10157.33	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.11	170.94	170.03	170.36	0.30	ppb
Cobalt	59-2	83.76	84.52	83.77	84.02	0.51	ppb
Copper	63-2	251.77	255.04	253.80	253.54	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	162413.75	163082.49	163159.36	162885.20	0.25	ppb
Iron	57-2	160781.78	160953.02	160374.87	160703.22	0.18	ppb
Iron	54-2	161073.59	163685.12	165471.58	163410.10	1.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-18	Instrumnet Name :	P7
Client Sample ID :	MYDA39	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:31:04	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.92	63.47	61.72	62.37	1.54	ppb
Lead	207-1	60.54	64.92	64.58	63.35	3.85	ppb
Lead	208-1	59.92	63.26	63.11	62.09	3.03	ppb
Lithium	6-1				92		%
Magnesium	24-2	28896.06	28866.30	29033.61	28931.99	0.31	ppb
Manganese	55-2	5630.26	5639.49	5659.52	5643.09	0.27	ppb
Molybdenum	94-1	16.01	16.43	15.52	15.99	2.87	ppb
Molybdenum	95-1	1.87	1.93	1.89	1.90	1.78	ppb
Molybdenum	96-1	4.37	4.38	4.19	4.31	2.48	ppb
Molybdenum	97-1	1.85	1.94	1.87	1.89	2.53	ppb
Molybdenum	98-1	1.82	1.87	1.80	1.83	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.92	116.09	116.25	116.09	0.14	ppb
Phosphorus	31-2	2063.35	2045.92	2064.68	2057.98	0.51	ppb
Potassium	39-2	11374.24	11270.28	11413.94	11352.82	0.65	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	82-1	1.07	0.76	0.96	0.93	16.61	ppb
Selenium	77-2	13.71	15.15	17.12	15.33	11.14	ppb
Selenium	78-2	4.46	3.27	4.67	4.14	18.32	ppb
Silicon	28-1	768.66	739.83	755.54	754.68	1.91	ppb
Silver	107-1	0.38	0.37	0.38	0.38	1.47	ppb
Silver	109-1	0.39	0.39	0.37	0.38	1.96	ppb
Sodium	23-2	223.22	225.80	228.20	225.74	1.10	ppb
Strontium	86-1	82.71	85.67	79.71	82.69	3.60	ppb
Strontium	88-1	82.04	83.50	82.07	82.54	1.01	ppb
Sulfur	34-1	-1794.95	-1831.18	-1913.76	-1846.63		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.31	0.35	0.35	0.33	6.61	ppb
Thallium	205-1	0.30	0.34	0.35	0.33	8.08	ppb
Tin	118-1	2.94	2.93	2.92	2.93	0.42	ppb
Titanium	47-1	960.53	970.48	963.97	964.99	0.52	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-18	Instrumnet Name :	P7
Client Sample ID :	MYDA39	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:31:04	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.13	1.19	1.14	4.44	ppb
Vanadium	51-2	340.18	340.25	336.77	339.07	0.59	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	276.32	276.08	277.68	276.69	0.31	ppb
Zirconium	90-1	8.63	8.79	8.69	8.70	0.94	ppb
Zirconium	91-1	8.77	8.73	8.56	8.69	1.27	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-19	Instrumnet Name :	P7
Client Sample ID :	MYDA40	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:34:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35540.37	35630.96	35454.44	35541.92	0.25	ppb
Antimony	121-1	4.35	4.52	4.43	4.43	1.93	ppb
Arsenic	75-2	139.25	135.31	135.72	136.76	1.58	ppb
Barium	135-1	605.62	622.76	625.96	618.11	1.77	ppb
Barium	137-1	583.00	608.02	622.48	604.50	3.30	ppb
Beryllium	9-1	1.22	1.28	1.22	1.24	2.97	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.37	1.61	1.75	1.58	12.31	ppb
Cadmium	106-1	1.62	2.92	1.85	2.13	32.53	ppb
Cadmium	111-1	1.09	1.15	1.11	1.12	2.64	ppb
Calcium	43-1	8660.49	8839.97	8971.66	8824.04	1.77	ppb
Calcium	44-1	8059.00	8210.79	8200.72	8156.84	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.79	125.08	124.22	124.70	0.35	ppb
Cobalt	59-2	57.06	57.29	57.03	57.13	0.25	ppb
Copper	63-2	188.98	189.41	188.27	188.89	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	127719.98	127386.15	127903.49	127669.87	0.21	ppb
Iron	57-2	126361.84	124176.94	124867.01	125135.26	0.89	ppb
Iron	54-2	127395.31	128351.66	128382.52	128043.16	0.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-19	Instrumnet Name :	P7
Client Sample ID :	MYDA40	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:34:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.85	42.71	41.85	42.14	1.18	ppb
Lead	207-1	43.72	41.43	42.90	42.68	2.72	ppb
Lead	208-1	42.27	41.37	42.35	42.00	1.29	ppb
Lithium	6-1				93		%
Magnesium	24-2	21905.68	21984.89	21663.27	21851.28	0.77	ppb
Manganese	55-2	6740.58	6739.80	6759.60	6746.66	0.17	ppb
Molybdenum	94-1	14.15	14.63	14.41	14.40	1.68	ppb
Molybdenum	95-1	1.51	1.59	1.53	1.54	2.71	ppb
Molybdenum	96-1	3.41	3.80	3.44	3.55	6.11	ppb
Molybdenum	97-1	1.46	1.50	1.43	1.46	2.59	ppb
Molybdenum	98-1	1.43	1.46	1.43	1.44	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.49	95.07	95.36	95.31	0.22	ppb
Phosphorus	31-2	2037.85	2009.83	2043.32	2030.33	0.88	ppb
Potassium	39-2	9259.36	9417.79	9270.17	9315.77	0.95	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	0.25	0.51	0.33	0.36	36.81	ppb
Selenium	77-2	12.44	11.55	8.39	10.79	19.74	ppb
Selenium	78-2	2.86	1.31	2.24	2.14	36.49	ppb
Silicon	28-1	606.39	639.07	620.44	621.97	2.64	ppb
Silver	107-1	0.29	0.30	0.30	0.30	1.22	ppb
Silver	109-1	0.27	0.30	0.30	0.29	5.62	ppb
Sodium	23-2	290.65	294.79	295.03	293.49	0.84	ppb
Strontium	86-1	73.86	79.80	73.66	75.78	4.60	ppb
Strontium	88-1	78.04	79.20	77.37	78.20	1.19	ppb
Sulfur	34-1	-1143.51	-988.55	-1089.28	-1073.78		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.51	0.48	0.46	0.49	5.35	ppb
Thallium	205-1	0.47	0.45	0.48	0.47	4.14	ppb
Tin	118-1	4.91	5.33	5.19	5.14	4.12	ppb
Titanium	47-1	728.04	750.42	745.08	741.18	1.58	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-19	Instrumnet Name :	P7
Client Sample ID :	MYDA40	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:34:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.72	0.79	0.77	5.21	ppb
Vanadium	51-2	238.85	238.06	240.05	238.99	0.42	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	311.30	315.68	315.44	314.14	0.78	ppb
Zirconium	90-1	7.77	8.03	7.84	7.88	1.70	ppb
Zirconium	91-1	7.68	8.31	7.79	7.93	4.23	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-20	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:37:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39089.88	39236.77	38994.80	39107.15	0.31	ppb
Antimony	121-1	1.74	1.87	1.87	1.83	4.22	ppb
Arsenic	75-2	148.95	149.38	148.84	149.06	0.19	ppb
Barium	135-1	1528.26	1556.22	1502.26	1528.91	1.76	ppb
Barium	137-1	1494.19	1612.16	1503.08	1536.48	4.28	ppb
Beryllium	9-1	1.24	1.17	1.29	1.23	4.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.71	2.21	1.77	1.90	14.37	ppb
Cadmium	106-1	1.80	1.64	2.48	1.97	22.60	ppb
Cadmium	111-1	1.30	1.28	1.38	1.32	4.21	ppb
Calcium	43-1	12001.28	11640.14	12098.04	11913.15	2.03	ppb
Calcium	44-1	11149.02	11284.29	11220.38	11217.90	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158.31	159.15	158.07	158.51	0.36	ppb
Cobalt	59-2	65.13	65.48	65.33	65.31	0.26	ppb
Copper	63-2	191.23	190.35	189.18	190.25	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	137409.05	136268.23	135688.79	136455.36	0.64	ppb
Iron	57-2	131664.97	133996.65	133761.39	133141.00	0.96	ppb
Iron	54-2	135555.61	135631.64	135449.49	135545.58	0.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-20	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:37:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.33	46.40	47.17	46.30	2.00	ppb
Lead	207-1	46.83	46.31	48.45	47.20	2.37	ppb
Lead	208-1	45.72	46.99	47.27	46.66	1.78	ppb
Lithium	6-1				94		%
Magnesium	24-2	25154.53	25162.27	24816.63	25044.48	0.79	ppb
Manganese	55-2	11817.50	11700.87	11649.57	11722.64	0.73	ppb
Molybdenum	94-1	11.00	11.66	11.83	11.50	3.83	ppb
Molybdenum	95-1	1.98	2.16	2.08	2.07	4.32	ppb
Molybdenum	96-1	3.57	3.91	3.71	3.73	4.55	ppb
Molybdenum	97-1	1.87	1.93	1.97	1.92	2.68	ppb
Molybdenum	98-1	1.82	2.01	1.90	1.91	4.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.60	100.27	99.73	100.20	0.44	ppb
Phosphorus	31-2	2988.13	3016.12	2992.38	2998.88	0.50	ppb
Potassium	39-2	10094.48	10144.81	10144.98	10128.09	0.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	0.76	0.50	0.54	0.60	23.49	ppb
Selenium	77-2	11.85	9.84	10.10	10.60	10.33	ppb
Selenium	78-2	1.41	2.62	3.71	2.58	44.54	ppb
Silicon	28-1	759.07	751.32	771.60	760.66	1.35	ppb
Silver	107-1	0.24	0.28	0.28	0.27	8.39	ppb
Silver	109-1	0.26	0.27	0.27	0.26	2.55	ppb
Sodium	23-2	247.15	253.67	252.90	251.24	1.42	ppb
Strontium	86-1	108.96	117.31	116.88	114.38	4.11	ppb
Strontium	88-1	115.04	116.07	117.20	116.10	0.93	ppb
Sulfur	34-1	-1362.70	-1470.47	-1254.79	-1362.65		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.24	0.26	0.27	0.26	5.30	ppb
Thallium	205-1	0.25	0.27	0.25	0.26	2.95	ppb
Tin	118-1	2.45	2.77	2.58	2.60	6.24	ppb
Titanium	47-1	767.85	754.08	769.82	763.91	1.12	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-20	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:37:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.80	0.82	0.82	1.74	ppb
Vanadium	51-2	277.71	276.44	274.18	276.11	0.65	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	296.84	298.03	293.36	296.08	0.82	ppb
Zirconium	90-1	5.77	6.26	6.08	6.04	4.12	ppb
Zirconium	91-1	5.65	6.28	6.11	6.01	5.39	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-21	Instrumnet Name :	P7
Client Sample ID :	MYDBB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:40:21	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50697.65	50729.07	51472.39	50966.37	0.86	ppb
Antimony	121-1	6.09	6.27	6.18	6.18	1.39	ppb
Arsenic	75-2	135.93	134.49	134.90	135.11	0.55	ppb
Barium	135-1	722.29	753.78	750.43	742.17	2.33	ppb
Barium	137-1	718.15	732.62	742.14	730.97	1.65	ppb
Beryllium	9-1	2.67	2.62	2.74	2.68	2.21	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	16.34	14.91	15.80	15.68	4.60	ppb
Cadmium	106-1	16.43	15.73	16.60	16.25	2.83	ppb
Cadmium	111-1	14.41	14.85	14.86	14.71	1.73	ppb
Calcium	43-1	42511.67	43800.69	41563.76	42625.37	2.63	ppb
Calcium	44-1	42119.37	43399.21	42339.93	42619.51	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.65	111.67	112.67	112.66	0.88	ppb
Cobalt	59-2	51.68	50.60	51.36	51.21	1.09	ppb
Copper	63-2	1948.30	1950.56	1953.51	1950.79	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	89978.41	89644.62	90297.54	89973.52	0.36	ppb
Iron	57-2	87323.09	87720.21	88847.75	87963.68	0.90	ppb
Iron	54-2	90588.59	89198.24	89566.70	89784.51	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-21	Instrumnet Name :	P7
Client Sample ID :	MYDBB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:40:21	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	468.78	477.98	466.97	471.24	1.25	ppb
Lead	207-1	482.79	481.59	473.70	479.36	1.03	ppb
Lead	208-1	475.47	477.06	469.42	473.98	0.85	ppb
Lithium	6-1				92		%
Magnesium	24-2	26031.84	26057.85	26763.40	26284.36	1.58	ppb
Manganese	55-2	2182.59	2127.80	2162.95	2157.78	1.29	ppb
Molybdenum	94-1	26.94	27.87	27.56	27.46	1.72	ppb
Molybdenum	95-1	1.59	1.62	1.56	1.59	1.75	ppb
Molybdenum	96-1	4.76	4.90	4.81	4.82	1.55	ppb
Molybdenum	97-1	1.56	1.51	1.59	1.55	2.63	ppb
Molybdenum	98-1	1.53	1.60	1.55	1.56	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	151.07	149.36	151.53	150.66	0.76	ppb
Phosphorus	31-2	4420.45	4374.35	4370.19	4388.33	0.64	ppb
Potassium	39-2	9626.33	9744.30	9642.99	9671.20	0.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	4.48	4.57	4.68	4.58	2.12	ppb
Selenium	77-2	27.56	31.16	25.53	28.08	10.15	ppb
Selenium	78-2	6.47	8.43	7.93	7.61	13.40	ppb
Silicon	28-1	612.46	628.54	624.51	621.84	1.35	ppb
Silver	107-1	5.57	5.60	5.60	5.59	0.37	ppb
Silver	109-1	5.55	5.54	5.68	5.59	1.38	ppb
Sodium	23-2	503.40	498.95	507.52	503.29	0.85	ppb
Strontium	86-1	223.72	227.60	225.21	225.51	0.87	ppb
Strontium	88-1	228.44	227.67	229.59	228.56	0.42	ppb
Sulfur	34-1	630.49	852.36	742.17	741.67	14.96	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.49	0.50	0.54	0.51	4.99	ppb
Thallium	205-1	0.51	0.52	0.50	0.51	1.86	ppb
Tin	118-1	9.77	9.82	9.93	9.84	0.81	ppb
Titanium	47-1	1879.95	1894.56	1903.36	1892.62	0.62	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-21	Instrumnet Name :	P7
Client Sample ID :	MYDBB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:40:21	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.34	1.37	1.34	1.35	1.37	ppb
Vanadium	51-2	149.84	147.54	149.63	149.01	0.85	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	1324.28	1294.26	1284.82	1301.12	1.58	ppb
Zirconium	90-1	15.37	16.18	15.93	15.83	2.62	ppb
Zirconium	91-1	15.52	15.94	16.07	15.85	1.80	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BL	Instrumnet Name :	P7
Client Sample ID :	PBS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:43:24	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.04	2.63	2.66	2.78	8.41	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	134.99	ppb
Arsenic	75-2	0.01	0.02	0.00	0.01	81.08	ppb
Barium	135-1	0.05	0.04	0.03	0.04	28.38	ppb
Barium	137-1	0.04	0.03	0.02	0.03	41.97	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	-0.31	-0.01	-0.98	-0.44		ppb
Cadmium	111-1	-0.03	0.00	-0.07	-0.03		ppb
Calcium	43-1	-2.24	-2.80	-2.82	-2.62		ppb
Calcium	44-1	-3.00	-1.84	-3.20	-2.68		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	-0.01	0.01	148.81	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.18	0.16	0.15	0.16	9.34	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				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	2.46	2.19	2.10	2.25	8.29	ppb
Iron	57-2	-0.45	-0.13	1.31	0.25	380.27	ppb
Iron	54-2	1.75	0.45	1.59	1.27	55.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BL	Instrumnet Name :	P7
Client Sample ID :	PBS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:43:24	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.08	0.08	0.09	12.95	ppb
Lead	207-1	0.07	0.09	0.07	0.08	13.39	ppb
Lead	208-1	0.09	0.09	0.08	0.09	8.96	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.69	0.47	0.73	0.63	22.60	ppb
Manganese	55-2	0.14	0.13	0.11	0.12	11.36	ppb
Molybdenum	94-1	-0.02	-0.04	-0.03	-0.03		ppb
Molybdenum	95-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.01	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-12.84	-13.84	-12.38	-13.02		ppb
Potassium	39-2	4.50	5.02	5.74	5.09	12.18	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	-0.29	-0.08	-0.15	-0.17		ppb
Selenium	77-2	-0.11	-0.26	-0.26	-0.21		ppb
Selenium	78-2	0.30	-0.03	1.07	0.45	127.03	ppb
Silicon	28-1	-0.80	-0.62	-0.78	-0.74		ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.70	ppb
Sodium	23-2	36.72	35.12	35.82	35.89	2.24	ppb
Strontium	86-1	-0.04	-0.02	-0.04	-0.04		ppb
Strontium	88-1	-0.03	-0.03	-0.03	-0.03		ppb
Sulfur	34-1	-1869.42	-1818.38	-1898.62	-1862.14		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.05	-0.02	-0.03	-0.03		ppb
Titanium	47-1	0.06	0.07	0.11	0.08	33.45	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BL	Instrumnet Name :	P7
Client Sample ID :	PBS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:43:24	DataFile Name :	046CCBE.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	12.24	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	1.70	1.55	1.60	1.62	4.81	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BS	Instrumnet Name :	P7
Client Sample ID :	LCS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:46:41	DataFile Name :	047LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.18	36.62	35.75	36.18	1.19	ppb
Antimony	121-1	3.54	3.60	3.67	3.60	1.83	ppb
Arsenic	75-2	1.86	1.91	1.78	1.85	3.73	ppb
Barium	135-1	16.80	16.58	17.01	16.80	1.26	ppb
Barium	137-1	16.75	16.69	16.95	16.80	0.81	ppb
Beryllium	9-1	1.96	1.95	1.89	1.93	1.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.12	2.11	2.17	2.13	1.41	ppb
Cadmium	106-1	2.26	1.85	1.62	1.91	16.86	ppb
Cadmium	111-1	2.24	2.33	2.26	2.28	1.97	ppb
Calcium	43-1	886.15	894.55	900.77	893.82	0.82	ppb
Calcium	44-1	886.07	880.24	885.41	883.90	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.12	4.17	4.07	4.12	1.25	ppb
Cobalt	59-2	1.82	1.86	1.82	1.83	1.03	ppb
Copper	63-2	3.69	3.76	3.74	3.73	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				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	369.46	369.68	367.91	369.02	0.26	ppb
Iron	57-2	385.19	381.34	386.56	384.36	0.70	ppb
Iron	54-2	394.89	395.17	393.16	394.40	0.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BS	Instrumnet Name :	P7
Client Sample ID :	LCS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:46:41	DataFile Name :	047LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.69	1.71	1.68	1.69	1.00	ppb
Lead	207-1	1.73	1.68	1.76	1.72	2.36	ppb
Lead	208-1	1.69	1.70	1.71	1.70	0.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	980.68	973.52	971.23	975.14	0.51	ppb
Manganese	55-2	1.92	1.94	1.93	1.93	0.65	ppb
Molybdenum	94-1	9.38	9.61	9.54	9.51	1.23	ppb
Molybdenum	95-1	7.78	7.80	7.88	7.82	0.72	ppb
Molybdenum	96-1	8.09	8.02	7.96	8.02	0.80	ppb
Molybdenum	97-1	7.87	8.01	8.02	7.97	1.08	ppb
Molybdenum	98-1	7.78	7.93	7.94	7.88	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.91	1.83	1.86	1.87	2.28	ppb
Phosphorus	31-2	-15.50	-12.40	-10.51	-12.80		ppb
Potassium	39-2	923.74	919.12	917.00	919.95	0.37	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	9.19	9.81	8.73	9.24	5.88	ppb
Selenium	77-2	9.78	8.39	8.10	8.76	10.29	ppb
Selenium	78-2	9.84	10.50	8.95	9.76	7.96	ppb
Silicon	28-1	2.28	2.27	2.24	2.26	0.76	ppb
Silver	107-1	1.76	1.83	1.84	1.81	2.34	ppb
Silver	109-1	1.74	1.76	1.84	1.78	2.78	ppb
Sodium	23-2	953.59	949.45	948.53	950.52	0.28	ppb
Strontium	86-1	1.76	1.74	1.72	1.74	1.20	ppb
Strontium	88-1	1.73	1.76	1.75	1.75	0.96	ppb
Sulfur	34-1	-1703.70	-1691.46	-1629.66	-1674.94		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	1.53	1.54	1.58	1.55	1.74	ppb
Thallium	205-1	1.53	1.52	1.53	1.53	0.63	ppb
Tin	118-1	-0.02	-0.02	0.00	-0.01		ppb
Titanium	47-1	8.13	8.23	8.09	8.15	0.92	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BS	Instrumnet Name :	P7
Client Sample ID :	LCS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:46:41	DataFile Name :	047LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.43	1.46	1.49	1.46	1.99	ppb
Vanadium	51-2	8.94	9.07	8.94	8.98	0.80	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	9.33	9.63	9.38	9.45	1.69	ppb
Zirconium	90-1	1.73	1.80	1.78	1.77	1.94	ppb
Zirconium	91-1	1.75	1.76	1.73	1.75	1.12	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:50:01	DataFile Name :	048LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.20	21.34	21.81	21.12	3.93	ppb
Antimony	121-1	2.05	2.04	2.08	2.06	1.16	ppb
Arsenic	75-2	1.06	1.03	1.08	1.06	2.39	ppb
Barium	135-1	9.65	9.68	9.85	9.73	1.14	ppb
Barium	137-1	9.74	9.53	9.73	9.67	1.22	ppb
Beryllium	9-1	1.04	1.15	1.17	1.12	6.06	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	1.09	1.17	1.11	4.75	ppb
Cadmium	106-1	0.87	0.59	-0.09	0.46	108.13	ppb
Cadmium	111-1	1.26	1.21	1.19	1.22	2.76	ppb
Calcium	43-1	499.20	519.05	518.49	512.25	2.21	ppb
Calcium	44-1	508.24	513.45	522.27	514.65	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.37	2.43	2.33	2.37	2.13	ppb
Cobalt	59-2	1.08	1.06	1.07	1.07	0.75	ppb
Copper	63-2	2.32	2.21	2.33	2.28	2.94	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				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	227.66	227.48	230.22	228.45	0.67	ppb
Iron	57-2	224.60	224.90	226.63	225.38	0.49	ppb
Iron	54-2	228.73	229.71	229.24	229.23	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:50:01	DataFile Name :	048LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.99	1.01	0.99	2.30	ppb
Lead	207-1	0.99	0.99	0.93	0.97	3.92	ppb
Lead	208-1	0.99	0.98	0.98	0.98	0.61	ppb
Lithium	6-1				101		%
Magnesium	24-2	571.51	574.33	575.78	573.87	0.38	ppb
Manganese	55-2	1.19	1.21	1.17	1.19	1.58	ppb
Molybdenum	94-1	5.53	5.72	5.55	5.60	1.83	ppb
Molybdenum	95-1	4.60	4.77	4.67	4.68	1.83	ppb
Molybdenum	96-1	4.67	4.85	4.74	4.75	1.88	ppb
Molybdenum	97-1	4.51	4.79	4.61	4.64	3.01	ppb
Molybdenum	98-1	4.54	4.69	4.68	4.64	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.28	1.32	1.29	1.58	ppb
Phosphorus	31-2	-12.69	-13.54	-12.71	-12.98		ppb
Potassium	39-2	530.36	537.05	536.85	534.75	0.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	6.11	5.70	5.91	5.91	3.41	ppb
Selenium	77-2	5.78	5.29	6.81	5.96	13.05	ppb
Selenium	78-2	5.05	6.48	4.99	5.51	15.29	ppb
Silicon	28-1	0.81	0.88	1.04	0.91	13.45	ppb
Silver	107-1	1.02	1.02	1.05	1.03	1.74	ppb
Silver	109-1	0.99	1.04	1.05	1.03	2.89	ppb
Sodium	23-2	560.10	562.83	560.93	561.29	0.25	ppb
Strontium	86-1	0.98	1.04	1.00	1.00	2.96	ppb
Strontium	88-1	1.02	1.02	1.02	1.02	0.47	ppb
Sulfur	34-1	-1632.32	-1520.00	-1418.78	-1523.70		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.85	0.93	0.90	0.89	4.31	ppb
Thallium	205-1	0.89	0.89	0.90	0.89	0.48	ppb
Tin	118-1	-0.03	-0.01	-0.01	-0.02		ppb
Titanium	47-1	4.81	4.62	4.82	4.75	2.38	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:50:01	DataFile Name :	048LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.87	0.84	0.86	1.61	ppb
Vanadium	51-2	5.25	5.25	5.27	5.26	0.20	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5.36	5.22	5.40	5.33	1.81	ppb
Zirconium	90-1	1.02	1.04	1.03	1.03	0.95	ppb
Zirconium	91-1	1.06	1.01	1.00	1.02	2.87	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BL	Instrumnet Name :	P7
Client Sample ID :	PBS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:53:19	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	-0.25	-0.10	-0.14		ppb
Antimony	121-1	0.00	0.00	0.01	0.01	49.09	ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.03	0.03	0.04	0.03	16.37	ppb
Barium	137-1	0.04	0.03	0.03	0.04	18.14	ppb
Beryllium	9-1	0.00	-0.01	-0.01	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.04	-0.01	-0.02		ppb
Cadmium	106-1	-0.35	-0.38	-0.47	-0.40		ppb
Cadmium	111-1	-0.03	-0.03	-0.04	-0.03		ppb
Calcium	43-1	-4.68	-3.38	-6.53	-4.87		ppb
Calcium	44-1	-6.10	-6.04	-4.52	-5.56		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.06	0.07	0.06	6.17	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				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	-0.67	-0.58	-0.53	-0.59		ppb
Iron	57-2	-3.39	-1.63	-2.52	-2.52		ppb
Iron	54-2	-0.97	-1.52	-1.78	-1.42		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BL	Instrumnet Name :	P7
Client Sample ID :	PBS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:53:19	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.03	0.03	9.74	ppb
Lead	207-1	0.03	0.02	0.02	0.02	9.17	ppb
Lead	208-1	0.03	0.03	0.03	0.03	3.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.35	-0.08	-0.28	-0.24		ppb
Manganese	55-2	0.03	0.02	0.03	0.03	11.78	ppb
Molybdenum	94-1	-0.03	-0.02	-0.02	-0.03		ppb
Molybdenum	95-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	96-1	-0.03	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.02	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.01	-0.01		ppb
Phosphorus	31-2	-16.15	-14.78	-15.43	-15.45		ppb
Potassium	39-2	-1.29	-0.97	0.40	-0.62		ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.14	0.09	0.01	-0.01		ppb
Selenium	77-2	-0.10	-0.26	-0.26	-0.21		ppb
Selenium	78-2	0.21	-0.59	-0.24	-0.21		ppb
Silicon	28-1	-0.97	-0.90	-0.86	-0.91		ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.53	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.32	ppb
Sodium	23-2	14.65	14.95	15.26	14.96	2.04	ppb
Strontium	86-1	-0.05	-0.04	-0.05	-0.04		ppb
Strontium	88-1	-0.03	-0.03	-0.03	-0.03		ppb
Sulfur	34-1	-1346.84	-1324.48	-1293.95	-1321.76		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	-0.03	-0.04	-0.03		ppb
Titanium	47-1	-0.06	-0.04	-0.05	-0.05		ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BL	Instrumnet Name :	P7
Client Sample ID :	PBS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:53:19	DataFile Name :	049CCBE.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		ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	-0.12	-0.06	-0.06	-0.08		ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BS	Instrumnet Name :	P7
Client Sample ID :	LCS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:56:39	DataFile Name :	050LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.51	35.68	35.79	35.66	0.39	ppb
Antimony	121-1	3.47	3.62	3.66	3.58	2.79	ppb
Arsenic	75-2	1.75	1.98	1.81	1.85	6.40	ppb
Barium	135-1	16.51	16.74	16.76	16.67	0.84	ppb
Barium	137-1	16.72	16.67	16.77	16.72	0.30	ppb
Beryllium	9-1	1.90	1.89	1.85	1.88	1.25	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.42	2.11	2.47	2.33	8.46	ppb
Cadmium	106-1	2.81	2.23	2.17	2.40	14.71	ppb
Cadmium	111-1	2.52	2.52	2.52	2.52	0.10	ppb
Calcium	43-1	866.17	893.80	884.18	881.38	1.59	ppb
Calcium	44-1	866.18	884.58	893.08	881.28	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.13	4.12	4.18	4.14	0.78	ppb
Cobalt	59-2	1.80	1.88	1.85	1.84	2.25	ppb
Copper	63-2	3.79	3.79	3.76	3.78	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	373.06	376.46	378.35	375.96	0.71	ppb
Iron	57-2	385.56	393.77	390.59	389.97	1.06	ppb
Iron	54-2	399.95	399.11	397.89	398.98	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BS	Instrumnet Name :	P7
Client Sample ID :	LCS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:56:39	DataFile Name :	050LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.50	1.63	1.61	1.58	4.29	ppb
Lead	207-1	1.53	1.66	1.57	1.59	4.46	ppb
Lead	208-1	1.55	1.63	1.59	1.59	2.53	ppb
Lithium	6-1				103		%
Magnesium	24-2	980.09	995.91	990.24	988.75	0.81	ppb
Manganese	55-2	1.91	1.91	2.02	1.94	3.22	ppb
Molybdenum	94-1	9.53	9.64	9.55	9.57	0.59	ppb
Molybdenum	95-1	7.75	7.97	7.89	7.87	1.39	ppb
Molybdenum	96-1	8.05	8.14	8.06	8.08	0.63	ppb
Molybdenum	97-1	7.86	7.81	8.04	7.90	1.55	ppb
Molybdenum	98-1	7.90	8.01	8.03	7.98	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.95	1.92	1.93	0.81	ppb
Phosphorus	31-2	-14.09	-14.82	-13.51	-14.14		ppb
Potassium	39-2	916.40	925.24	921.87	921.17	0.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	9.00	9.69	9.80	9.50	4.61	ppb
Selenium	77-2	8.87	9.46	7.44	8.59	12.11	ppb
Selenium	78-2	8.77	9.23	9.53	9.17	4.20	ppb
Silicon	28-1	2.02	2.13	2.16	2.10	3.33	ppb
Silver	107-1	1.79	1.81	1.84	1.81	1.29	ppb
Silver	109-1	1.74	1.75	1.85	1.78	3.53	ppb
Sodium	23-2	944.98	952.86	953.39	950.41	0.50	ppb
Strontium	86-1	1.77	1.73	1.77	1.76	1.16	ppb
Strontium	88-1	1.74	1.78	1.76	1.76	1.07	ppb
Sulfur	34-1	-1100.32	-965.46	-909.11	-991.63		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	1.53	1.57	1.54	1.55	1.52	ppb
Thallium	205-1	1.51	1.56	1.52	1.53	1.61	ppb
Tin	118-1	0.05	0.03	0.04	0.04	24.93	ppb
Titanium	47-1	8.06	8.36	8.09	8.17	2.05	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BS	Instrumnet Name :	P7
Client Sample ID :	LCS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:56:39	DataFile Name :	050LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.47	1.48	1.47	1.47	0.50	ppb
Vanadium	51-2	9.04	9.12	9.06	9.08	0.46	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	9.46	9.56	9.72	9.58	1.37	ppb
Zirconium	90-1	1.74	1.81	1.75	1.77	1.90	ppb
Zirconium	91-1	1.80	1.79	1.81	1.80	0.54	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:59:56	DataFile Name :	051LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.55	20.81	21.19	20.85	1.53	ppb
Antimony	121-1	2.10	2.06	2.10	2.09	1.21	ppb
Arsenic	75-2	1.15	1.22	1.23	1.20	3.61	ppb
Barium	135-1	9.75	9.48	10.17	9.80	3.52	ppb
Barium	137-1	9.62	9.75	9.90	9.76	1.39	ppb
Beryllium	9-1	1.01	1.09	1.09	1.06	4.69	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.94	1.18	1.10	1.07	11.11	ppb
Cadmium	106-1	2.24	0.39	1.38	1.34	69.25	ppb
Cadmium	111-1	1.38	1.21	1.30	1.30	6.69	ppb
Calcium	43-1	504.53	508.33	509.46	507.44	0.51	ppb
Calcium	44-1	507.21	511.35	510.79	509.78	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.32	2.33	2.31	2.32	0.47	ppb
Cobalt	59-2	1.07	1.08	1.05	1.07	1.29	ppb
Copper	63-2	2.41	2.37	2.33	2.37	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	229.17	230.35	229.44	229.65	0.27	ppb
Iron	57-2	226.19	227.94	226.48	226.87	0.41	ppb
Iron	54-2	230.44	230.93	229.70	230.35	0.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:59:56	DataFile Name :	051LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.93	0.94	0.95	0.94	1.32	ppb
Lead	207-1	0.90	0.96	0.94	0.93	3.18	ppb
Lead	208-1	0.93	0.95	0.95	0.94	1.16	ppb
Lithium	6-1				104		%
Magnesium	24-2	574.82	574.72	569.20	572.91	0.56	ppb
Manganese	55-2	1.09	1.14	1.16	1.13	3.19	ppb
Molybdenum	94-1	5.56	5.52	5.51	5.53	0.45	ppb
Molybdenum	95-1	4.58	4.64	4.67	4.63	0.98	ppb
Molybdenum	96-1	4.74	4.67	4.76	4.72	1.00	ppb
Molybdenum	97-1	4.61	4.61	4.60	4.60	0.17	ppb
Molybdenum	98-1	4.55	4.62	4.68	4.62	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.15	1.05	1.12	5.32	ppb
Phosphorus	31-2	-14.08	-11.93	-16.34	-14.12		ppb
Potassium	39-2	535.91	538.23	535.28	536.47	0.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.54	5.94	5.44	5.64	4.69	ppb
Selenium	77-2	4.92	4.36	4.98	4.75	7.24	ppb
Selenium	78-2	4.89	4.21	4.79	4.63	7.92	ppb
Silicon	28-1	0.93	0.94	0.95	0.94	1.18	ppb
Silver	107-1	1.02	1.04	1.11	1.06	4.15	ppb
Silver	109-1	1.06	1.02	1.02	1.03	1.79	ppb
Sodium	23-2	555.23	555.66	556.37	555.75	0.10	ppb
Strontium	86-1	1.03	0.99	1.07	1.03	3.98	ppb
Strontium	88-1	0.99	1.03	1.01	1.01	1.71	ppb
Sulfur	34-1	-797.80	-797.32	-810.45	-801.86		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.89	0.90	0.90	0.90	0.87	ppb
Thallium	205-1	0.86	0.89	0.90	0.88	2.23	ppb
Tin	118-1	-0.03	-0.04	-0.02	-0.03		ppb
Titanium	47-1	4.54	4.98	4.66	4.73	4.75	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:59:56	DataFile Name :	051LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.86	0.86	0.86	0.35	ppb
Vanadium	51-2	5.22	5.26	5.17	5.22	0.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	5.26	5.40	5.22	5.29	1.75	ppb
Zirconium	90-1	1.01	1.02	1.01	1.02	0.63	ppb
Zirconium	91-1	1.05	1.04	1.03	1.04	0.90	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-01	Instrumnet Name :	P7
Client Sample ID :	MYD0W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:03:16	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67466.01	67698.95	67502.10	67555.68	0.19	ppb
Antimony	121-1	1.08	1.11	1.10	1.10	1.65	ppb
Arsenic	75-2	155.12	153.32	154.01	154.15	0.59	ppb
Barium	135-1	156.05	158.58	156.68	157.10	0.84	ppb
Barium	137-1	154.34	158.50	157.02	156.62	1.35	ppb
Beryllium	9-1	1.00	1.07	1.08	1.05	3.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.95	1.15	0.65	0.92	27.66	ppb
Cadmium	106-1	1.99	2.19	1.11	1.76	32.79	ppb
Cadmium	111-1	0.42	0.45	0.39	0.42	7.25	ppb
Calcium	43-1	11011.52	10972.35	11022.27	11002.05	0.24	ppb
Calcium	44-1	10313.29	10283.89	10268.98	10288.72	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.32	131.64	130.58	130.51	0.89	ppb
Cobalt	59-2	66.22	66.34	66.34	66.30	0.11	ppb
Copper	63-2	142.92	143.79	143.88	143.53	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	164011.38	165557.35	164527.83	164698.85	0.48	ppb
Iron	57-2	159681.07	160471.21	160264.87	160139.05	0.26	ppb
Iron	54-2	164699.67	164030.89	163766.68	164165.75	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-01	Instrumnet Name :	P7
Client Sample ID :	MYD0W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:03:16	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.20	9.55	9.44	9.40	1.92	ppb
Lead	207-1	8.99	9.12	9.01	9.04	0.75	ppb
Lead	208-1	9.04	9.26	9.17	9.15	1.22	ppb
Lithium	6-1				98		%
Magnesium	24-2	41551.61	41680.19	41636.15	41622.65	0.16	ppb
Manganese	55-2	2317.12	2325.16	2323.35	2321.87	0.18	ppb
Molybdenum	94-1	6.45	6.48	6.65	6.53	1.69	ppb
Molybdenum	95-1	1.04	1.03	1.05	1.04	0.70	ppb
Molybdenum	96-1	2.68	2.61	2.70	2.66	1.72	ppb
Molybdenum	97-1	1.09	1.02	1.08	1.07	3.39	ppb
Molybdenum	98-1	1.00	0.99	1.06	1.02	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.49	90.97	91.35	90.93	0.47	ppb
Phosphorus	31-2	1619.69	1630.29	1648.36	1632.78	0.89	ppb
Potassium	39-2	1478.97	1474.09	1509.02	1487.36	1.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	0.66	1.09	1.17	0.97	28.04	ppb
Selenium	77-2	17.26	14.32	15.17	15.58	9.68	ppb
Selenium	78-2	3.80	3.27	1.98	3.02	30.97	ppb
Silicon	28-1	477.28	463.49	468.28	469.68	1.49	ppb
Silver	107-1	0.18	0.15	0.12	0.15	18.54	ppb
Silver	109-1	0.18	0.12	0.13	0.14	24.43	ppb
Sodium	23-2	137.16	138.60	138.21	137.99	0.54	ppb
Strontium	86-1	62.32	63.05	64.22	63.20	1.51	ppb
Strontium	88-1	64.22	63.51	64.22	63.98	0.64	ppb
Sulfur	34-1	-1832.31	-1977.67	-1901.60	-1903.86		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.08	0.10	0.09	9.36	ppb
Thallium	205-1	0.08	0.09	0.10	0.09	8.86	ppb
Tin	118-1	3.51	3.73	3.74	3.66	3.56	ppb
Titanium	47-1	438.99	432.85	438.03	436.62	0.76	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-01	Instrumnet Name :	P7
Client Sample ID :	MYD0W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:03:16	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.49	0.49	0.48	0.49	1.19	ppb
Vanadium	51-2	389.55	397.85	391.31	392.90	1.11	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	208.18	213.49	211.54	211.07	1.27	ppb
Zirconium	90-1	3.36	3.46	3.45	3.42	1.60	ppb
Zirconium	91-1	3.42	3.46	3.51	3.47	1.38	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-02	Instrumnet Name :	P7
Client Sample ID :	MYD0W9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:06:24	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61127.14	60217.12	59589.14	60311.13	1.28	ppb
Antimony	121-1	10.88	11.13	11.01	11.01	1.13	ppb
Arsenic	75-2	139.59	141.33	139.75	140.22	0.69	ppb
Barium	135-1	141.58	144.20	144.31	143.36	1.08	ppb
Barium	137-1	143.57	146.01	144.56	144.71	0.85	ppb
Beryllium	9-1	0.84	0.88	0.93	0.89	5.07	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.85	0.78	0.73	0.78	7.68	ppb
Cadmium	106-1	1.33	1.98	1.39	1.57	23.05	ppb
Cadmium	111-1	0.34	0.35	0.31	0.33	5.77	ppb
Calcium	43-1	8823.66	8986.63	9106.14	8972.14	1.58	ppb
Calcium	44-1	8295.70	8422.19	8494.37	8404.08	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.50	97.27	96.32	97.03	0.65	ppb
Cobalt	59-2	59.88	59.58	59.57	59.68	0.29	ppb
Copper	63-2	109.39	109.03	109.04	109.15	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				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	147103.66	147857.74	145412.55	146791.31	0.85	ppb
Iron	57-2	143866.28	142263.52	143658.10	143262.63	0.61	ppb
Iron	54-2	147731.01	148178.31	144767.43	146892.25	1.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-02	Instrumnet Name :	P7
Client Sample ID :	MYD0W9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:06:24	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.94	6.92	7.05	6.97	1.03	ppb
Lead	207-1	6.77	6.75	6.87	6.79	0.93	ppb
Lead	208-1	6.77	6.80	6.90	6.82	1.00	ppb
Lithium	6-1				94		%
Magnesium	24-2	35489.87	35856.39	35475.57	35607.28	0.61	ppb
Manganese	55-2	2494.05	2484.25	2434.95	2471.09	1.28	ppb
Molybdenum	94-1	5.29	5.55	5.42	5.42	2.37	ppb
Molybdenum	95-1	1.19	1.24	1.21	1.21	2.31	ppb
Molybdenum	96-1	2.52	2.64	2.63	2.60	2.66	ppb
Molybdenum	97-1	1.19	1.28	1.18	1.22	4.15	ppb
Molybdenum	98-1	1.16	1.17	1.20	1.18	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.93	75.23	74.95	75.04	0.23	ppb
Phosphorus	31-2	1269.93	1252.39	1257.85	1260.06	0.71	ppb
Potassium	39-2	1653.83	1627.79	1609.92	1630.51	1.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	82-1	0.56	0.89	0.77	0.74	22.64	ppb
Selenium	77-2	19.98	16.34	18.19	18.17	10.01	ppb
Selenium	78-2	2.17	2.59	2.91	2.56	14.34	ppb
Silicon	28-1	513.60	518.56	523.72	518.63	0.98	ppb
Silver	107-1	0.08	0.08	0.08	0.08	1.44	ppb
Silver	109-1	0.08	0.08	0.08	0.08	4.65	ppb
Sodium	23-2	133.02	132.32	133.66	133.00	0.50	ppb
Strontium	86-1	59.78	60.06	60.46	60.10	0.57	ppb
Strontium	88-1	60.50	60.88	60.67	60.68	0.32	ppb
Sulfur	34-1	-1965.31	-1939.95	-1964.02	-1956.43		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.07	0.07	0.07	3.80	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	2.51	ppb
Tin	118-1	2.23	2.38	2.27	2.29	3.26	ppb
Titanium	47-1	380.14	387.96	391.66	386.58	1.52	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-02	Instrumnet Name :	P7
Client Sample ID :	MYD0W9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:06:24	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.43	0.43	0.43	0.72	ppb
Vanadium	51-2	376.56	378.56	377.04	377.39	0.28	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	170.37	169.61	170.16	170.05	0.23	ppb
Zirconium	90-1	2.60	2.68	2.68	2.65	1.68	ppb
Zirconium	91-1	2.64	2.73	2.67	2.68	1.69	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-03	Instrumnet Name :	P7
Client Sample ID :	MYD0X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:09:35	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83364.40	84238.11	82817.75	83473.42	0.86	ppb
Antimony	121-1	1.24	1.31	1.30	1.28	2.65	ppb
Arsenic	75-2	186.94	185.71	183.64	185.43	0.90	ppb
Barium	135-1	151.00	156.11	157.29	154.80	2.16	ppb
Barium	137-1	149.70	154.89	157.17	153.92	2.48	ppb
Beryllium	9-1	1.56	1.64	1.62	1.61	2.74	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.33	1.31	1.24	1.29	3.68	ppb
Cadmium	106-1	2.70	2.48	2.29	2.49	8.15	ppb
Cadmium	111-1	0.40	0.42	0.40	0.41	3.76	ppb
Calcium	43-1	12566.46	12584.69	12620.15	12590.43	0.22	ppb
Calcium	44-1	11875.86	12059.44	11885.05	11940.12	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.15	111.09	111.09	111.11	0.03	ppb
Cobalt	59-2	72.12	72.31	71.71	72.04	0.42	ppb
Copper	63-2	122.13	122.71	122.13	122.32	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	204174.22	203511.02	201109.85	202931.69	0.79	ppb
Iron	57-2	201214.71	199127.77	198428.65	199590.38	0.73	ppb
Iron	54-2	203793.47	205833.99	203680.52	204435.99	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-03	Instrumnet Name :	P7
Client Sample ID :	MYD0X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:09:35	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.44	6.36	6.25	6.35	1.50	ppb
Lead	207-1	6.07	5.92	5.89	5.96	1.64	ppb
Lead	208-1	6.14	6.11	5.98	6.08	1.37	ppb
Lithium	6-1				94		%
Magnesium	24-2	42580.23	43211.09	43093.98	42961.77	0.78	ppb
Manganese	55-2	3122.16	3164.92	3174.46	3153.85	0.88	ppb
Molybdenum	94-1	9.00	9.23	9.13	9.12	1.27	ppb
Molybdenum	95-1	1.73	1.77	1.76	1.75	1.04	ppb
Molybdenum	96-1	3.72	3.82	3.72	3.75	1.59	ppb
Molybdenum	97-1	1.73	1.77	1.77	1.76	1.42	ppb
Molybdenum	98-1	1.71	1.71	1.70	1.71	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.55	80.77	80.81	80.71	0.17	ppb
Phosphorus	31-2	1782.23	1756.82	1768.91	1769.32	0.72	ppb
Potassium	39-2	1762.80	1787.51	1751.02	1767.11	1.05	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	1.20	0.80	0.85	0.95	23.15	ppb
Selenium	77-2	24.32	26.56	25.08	25.32	4.50	ppb
Selenium	78-2	4.55	4.91	4.26	4.57	7.05	ppb
Silicon	28-1	363.92	373.75	371.22	369.63	1.38	ppb
Silver	107-1	0.07	0.08	0.07	0.07	5.97	ppb
Silver	109-1	0.07	0.07	0.07	0.07	3.10	ppb
Sodium	23-2	156.61	157.67	157.76	157.35	0.41	ppb
Strontium	86-1	82.96	83.42	83.15	83.17	0.28	ppb
Strontium	88-1	83.50	84.34	82.88	83.57	0.88	ppb
Sulfur	34-1	-1922.24	-1920.46	-1933.72	-1925.47		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.07	0.07	0.08	4.69	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	5.86	ppb
Tin	118-1	3.16	3.24	3.33	3.24	2.61	ppb
Titanium	47-1	321.40	324.11	319.77	321.76	0.68	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-03	Instrumnet Name :	P7
Client Sample ID :	MYD0X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:09:35	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.65	0.63	0.64	1.91	ppb
Vanadium	51-2	415.00	418.88	421.61	418.50	0.79	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	253.31	250.99	252.37	252.22	0.46	ppb
Zirconium	90-1	4.58	4.63	4.60	4.60	0.61	ppb
Zirconium	91-1	4.59	4.67	4.60	4.62	0.94	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-04	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:12:43	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42990.01	43125.13	43252.75	43122.63	0.30	ppb
Antimony	121-1	2.66	2.67	2.71	2.68	0.94	ppb
Arsenic	75-2	213.31	217.24	211.69	214.08	1.33	ppb
Barium	135-1	769.90	805.05	782.85	785.94	2.26	ppb
Barium	137-1	752.33	788.61	791.35	777.43	2.80	ppb
Beryllium	9-1	0.97	1.06	0.87	0.97	9.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.38	2.17	2.13	2.23	6.08	ppb
Cadmium	106-1	2.54	2.52	3.63	2.90	21.87	ppb
Cadmium	111-1	1.20	1.29	1.34	1.28	5.76	ppb
Calcium	43-1	7451.27	7638.51	7181.27	7423.68	3.10	ppb
Calcium	44-1	7015.97	7168.01	7012.41	7065.46	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	141.64	142.76	143.37	142.59	0.61	ppb
Cobalt	59-2	79.16	79.36	80.59	79.71	0.97	ppb
Copper	63-2	240.25	238.16	238.07	238.82	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				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	217139.07	219756.12	221386.58	219427.26	0.98	ppb
Iron	57-2	213787.03	213549.82	216715.75	214684.20	0.82	ppb
Iron	54-2	219721.99	215774.67	215857.31	217117.99	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-04	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:12:43	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.05	56.76	57.48	57.43	1.13	ppb
Lead	207-1	59.66	60.45	58.73	59.61	1.45	ppb
Lead	208-1	58.08	58.85	58.46	58.46	0.66	ppb
Lithium	6-1				91		%
Magnesium	24-2	27558.26	27295.16	27593.93	27482.45	0.59	ppb
Manganese	55-2	10080.76	10092.78	10196.51	10123.35	0.63	ppb
Molybdenum	94-1	14.19	13.81	14.10	14.03	1.41	ppb
Molybdenum	95-1	2.13	2.08	2.21	2.14	3.13	ppb
Molybdenum	96-1	4.76	4.48	4.76	4.66	3.46	ppb
Molybdenum	97-1	2.08	2.07	2.05	2.07	0.88	ppb
Molybdenum	98-1	1.95	1.93	2.04	1.97	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.44	92.03	92.00	91.82	0.36	ppb
Phosphorus	31-2	1120.01	1116.23	1141.78	1126.00	1.22	ppb
Potassium	39-2	4670.90	4708.63	4759.42	4712.98	0.94	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				113		%
Selenium	82-1	0.46	0.45	0.76	0.56	31.49	ppb
Selenium	77-2	11.42	11.21	9.65	10.76	8.95	ppb
Selenium	78-2	1.85	3.23	2.50	2.53	27.43	ppb
Silicon	28-1	700.17	713.50	698.72	704.13	1.16	ppb
Silver	107-1	0.24	0.27	0.25	0.25	4.97	ppb
Silver	109-1	0.25	0.24	0.25	0.25	2.69	ppb
Sodium	23-2	208.21	209.73	212.10	210.02	0.93	ppb
Strontium	86-1	80.38	75.58	80.12	78.69	3.43	ppb
Strontium	88-1	78.48	79.17	79.33	78.99	0.57	ppb
Sulfur	34-1	-1736.68	-1746.43	-1896.97	-1793.36		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.17	0.16	0.16	0.17	3.75	ppb
Thallium	205-1	0.16	0.18	0.17	0.17	5.14	ppb
Tin	118-1	13.55	14.76	14.49	14.27	4.44	ppb
Titanium	47-1	852.04	865.31	858.83	858.73	0.77	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-04	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:12:43	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.72	0.69	0.70	2.48	ppb
Vanadium	51-2	317.87	322.53	324.86	321.75	1.11	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	276.11	275.89	279.63	277.21	0.76	ppb
Zirconium	90-1	7.34	7.41	7.74	7.50	2.85	ppb
Zirconium	91-1	7.48	7.33	7.63	7.48	2.00	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:15:49	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51172.81	51169.91	51307.06	51216.59	0.15	ppb
Antimony	121-1	19.40	19.57	19.71	19.56	0.80	ppb
Arsenic	75-2	224.66	233.87	228.42	228.99	2.02	ppb
Barium	135-1	361.19	368.97	371.75	367.30	1.49	ppb
Barium	137-1	383.64	386.55	388.66	386.29	0.65	ppb
Beryllium	9-1	0.92	0.90	0.87	0.90	2.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.04	2.11	1.83	1.99	7.33	ppb
Cadmium	106-1	2.27	2.91	2.38	2.52	13.55	ppb
Cadmium	111-1	0.75	0.78	0.75	0.76	2.55	ppb
Calcium	43-1	13205.67	13595.93	13411.67	13404.42	1.46	ppb
Calcium	44-1	12514.42	12695.46	12748.70	12652.86	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177.36	177.40	178.11	177.63	0.24	ppb
Cobalt	59-2	91.50	92.00	91.63	91.71	0.28	ppb
Copper	63-2	266.22	265.01	265.96	265.73	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	173995.79	173911.29	173145.75	173684.28	0.27	ppb
Iron	57-2	170730.42	170902.65	167346.50	169659.85	1.18	ppb
Iron	54-2	173178.94	173139.20	174773.25	173697.13	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:15:49	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.59	73.71	70.89	71.73	2.40	ppb
Lead	207-1	70.89	73.52	71.35	71.92	1.95	ppb
Lead	208-1	70.63	73.43	70.92	71.66	2.15	ppb
Lithium	6-1				92		%
Magnesium	24-2	31841.06	32230.07	31821.10	31964.08	0.72	ppb
Manganese	55-2	5806.75	5815.05	5766.01	5795.94	0.45	ppb
Molybdenum	94-1	10.08	10.38	10.42	10.30	1.83	ppb
Molybdenum	95-1	1.52	1.55	1.59	1.56	2.16	ppb
Molybdenum	96-1	3.54	3.63	3.65	3.61	1.59	ppb
Molybdenum	97-1	1.44	1.46	1.53	1.48	3.47	ppb
Molybdenum	98-1	1.47	1.53	1.51	1.50	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1066.88	1054.80	1063.15	1061.61	0.58	ppb
Phosphorus	31-2	1036.97	1022.46	1016.55	1025.33	1.02	ppb
Potassium	39-2	1545.93	1563.50	1565.21	1558.21	0.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				116		%
Scandium	45-2				115		%
Selenium	82-1	0.66	0.74	0.73	0.71	6.75	ppb
Selenium	77-2	8.09	7.84	8.32	8.08	2.99	ppb
Selenium	78-2	1.60	1.07	1.37	1.35	19.86	ppb
Silicon	28-1	406.58	410.58	409.11	408.76	0.50	ppb
Silver	107-1	0.15	0.14	0.15	0.15	4.18	ppb
Silver	109-1	0.14	0.15	0.15	0.15	5.57	ppb
Sodium	23-2	432.43	434.12	432.44	432.99	0.22	ppb
Strontium	86-1	79.12	81.55	81.19	80.62	1.63	ppb
Strontium	88-1	79.90	81.00	80.33	80.41	0.69	ppb
Sulfur	34-1	-1721.97	-1603.45	-1670.04	-1665.15		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.14	0.14	0.14	0.85	ppb
Thallium	205-1	0.14	0.14	0.13	0.14	5.11	ppb
Tin	118-1	5.99	6.13	6.19	6.10	1.73	ppb
Titanium	47-1	1351.53	1381.51	1375.67	1369.57	1.16	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:15:49	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.51	0.53	0.53	0.52	1.63	ppb
Vanadium	51-2	340.38	342.49	339.48	340.78	0.45	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	1419.98	1428.02	1413.73	1420.58	0.50	ppb
Zirconium	90-1	5.36	5.55	5.40	5.44	1.86	ppb
Zirconium	91-1	5.38	5.59	5.52	5.50	1.94	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-06	Instrumnet Name :	P7
Client Sample ID :	MYD0Y4	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:18:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57818.73	57392.68	57105.92	57439.11	0.62	ppb
Antimony	121-1	3.56	3.47	3.58	3.54	1.61	ppb
Arsenic	75-2	170.21	169.83	169.95	170.00	0.11	ppb
Barium	135-1	110.01	109.14	111.06	110.07	0.87	ppb
Barium	137-1	110.29	109.35	111.58	110.40	1.01	ppb
Beryllium	9-1	0.60	0.65	0.62	0.62	4.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.56	1.92	1.75	1.74	10.33	ppb
Cadmium	106-1	1.82	1.26	2.13	1.74	25.56	ppb
Cadmium	111-1	0.24	0.16	0.23	0.21	21.66	ppb
Calcium	43-1	16836.88	16764.34	17305.24	16968.82	1.73	ppb
Calcium	44-1	16164.43	16201.61	16468.71	16278.25	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	233.63	228.36	233.07	231.68	1.25	ppb
Cobalt	59-2	112.22	111.60	112.13	111.98	0.30	ppb
Copper	63-2	306.78	308.89	312.17	309.28	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	146267.10	143851.77	145433.11	145183.99	0.84	ppb
Iron	57-2	142979.50	141637.48	141045.46	141887.48	0.70	ppb
Iron	54-2	144225.39	143879.62	144887.75	144330.92	0.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-06	Instrumnet Name :	P7
Client Sample ID :	MYD0Y4	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:18:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.29	4.34	4.34	4.32	0.60	ppb
Lead	207-1	4.40	4.49	4.48	4.46	1.11	ppb
Lead	208-1	4.32	4.44	4.39	4.38	1.38	ppb
Lithium	6-1				92		%
Magnesium	24-2	39462.32	39307.04	39068.42	39279.26	0.51	ppb
Manganese	55-2	2416.45	2413.80	2434.44	2421.57	0.46	ppb
Molybdenum	94-1	5.46	5.79	5.73	5.66	3.08	ppb
Molybdenum	95-1	0.66	0.72	0.70	0.69	4.43	ppb
Molybdenum	96-1	2.17	2.20	2.19	2.19	0.68	ppb
Molybdenum	97-1	0.68	0.69	0.71	0.69	2.67	ppb
Molybdenum	98-1	0.64	0.65	0.64	0.64	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	147.16	144.81	144.80	145.59	0.93	ppb
Phosphorus	31-2	637.82	644.09	648.42	643.44	0.83	ppb
Potassium	39-2	456.34	457.16	453.31	455.60	0.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	0.35	0.75	0.91	0.67	43.18	ppb
Selenium	77-2	6.83	3.96	4.35	5.04	30.89	ppb
Selenium	78-2	1.36	-0.17	0.46	0.55	139.16	ppb
Silicon	28-1	361.82	356.68	367.97	362.16	1.56	ppb
Silver	107-1	0.03	0.03	0.03	0.03	5.47	ppb
Silver	109-1	0.03	0.02	0.03	0.03	15.95	ppb
Sodium	23-2	457.84	456.57	453.34	455.92	0.51	ppb
Strontium	86-1	71.65	71.97	71.82	71.81	0.23	ppb
Strontium	88-1	71.70	72.65	72.90	72.42	0.87	ppb
Sulfur	34-1	-1978.50	-2024.62	-1932.23	-1978.45		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	18.57	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.29	ppb
Tin	118-1	1.74	1.77	1.80	1.77	1.86	ppb
Titanium	47-1	2458.40	2465.63	2500.43	2474.82	0.91	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-06	Instrumnet Name :	P7
Client Sample ID :	MYD0Y4	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:18:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.23	0.24	0.24	0.70	ppb
Vanadium	51-2	335.28	336.35	342.54	338.06	1.16	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	170.70	174.21	173.28	172.73	1.05	ppb
Zirconium	90-1	2.98	3.08	3.09	3.05	2.09	ppb
Zirconium	91-1	3.06	3.04	3.04	3.04	0.40	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:22:00	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63010.54	64128.62	63104.28	63414.48	0.98	ppb
Antimony	121-1	2.50	2.51	2.51	2.51	0.09	ppb
Arsenic	75-2	221.26	221.13	219.85	220.75	0.35	ppb
Barium	135-1	215.89	215.71	217.28	216.30	0.40	ppb
Barium	137-1	215.17	217.16	217.19	216.51	0.54	ppb
Beryllium	9-1	0.80	0.77	0.83	0.80	3.87	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	2.04	2.71	2.31	15.12	ppb
Cadmium	106-1	1.41	1.69	2.33	1.81	25.97	ppb
Cadmium	111-1	0.25	0.28	0.27	0.27	6.19	ppb
Calcium	43-1	17433.70	17705.81	17543.09	17560.87	0.78	ppb
Calcium	44-1	16424.98	16982.89	16570.72	16659.53	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	221.39	223.91	221.16	222.15	0.69	ppb
Cobalt	59-2	100.43	102.66	101.53	101.54	1.10	ppb
Copper	63-2	304.15	302.92	308.36	305.15	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				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	170785.80	174958.49	169907.82	171884.04	1.57	ppb
Iron	57-2	169260.10	171991.59	166788.39	169346.69	1.54	ppb
Iron	54-2	169024.43	174695.89	169023.02	170914.45	1.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:22:00	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.10	10.54	10.50	10.38	2.36	ppb
Lead	207-1	10.54	10.93	10.87	10.78	1.92	ppb
Lead	208-1	10.31	10.67	10.62	10.53	1.83	ppb
Lithium	6-1				88		%
Magnesium	24-2	41071.75	41210.60	40789.21	41023.85	0.52	ppb
Manganese	55-2	4805.09	4919.78	4794.01	4839.62	1.44	ppb
Molybdenum	94-1	7.40	7.55	7.53	7.49	1.13	ppb
Molybdenum	95-1	1.08	1.08	1.10	1.09	1.52	ppb
Molybdenum	96-1	2.81	2.97	2.96	2.91	3.15	ppb
Molybdenum	97-1	0.95	0.99	1.00	0.98	2.38	ppb
Molybdenum	98-1	0.96	0.97	1.02	0.98	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.85	140.18	138.39	139.14	0.67	ppb
Phosphorus	31-2	728.96	730.32	704.64	721.31	2.00	ppb
Potassium	39-2	612.25	624.81	615.15	617.40	1.07	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				116		%
Scandium	45-2				118		%
Selenium	82-1	0.44	0.79	0.52	0.59	30.89	ppb
Selenium	77-2	4.32	6.32	5.85	5.50	18.99	ppb
Selenium	78-2	0.61	1.11	1.86	1.19	52.63	ppb
Silicon	28-1	612.44	632.31	658.71	634.49	3.66	ppb
Silver	107-1	0.05	0.05	0.06	0.05	7.12	ppb
Silver	109-1	0.04	0.05	0.05	0.05	13.64	ppb
Sodium	23-2	421.71	429.81	428.44	426.65	1.02	ppb
Strontium	86-1	87.86	91.18	91.42	90.15	2.21	ppb
Strontium	88-1	90.88	91.29	91.46	91.21	0.33	ppb
Sulfur	34-1	-1949.88	-1974.88	-2023.62	-1982.79		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.04	0.03	0.03	9.31	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	1.17	ppb
Tin	118-1	1.90	1.98	1.98	1.95	2.30	ppb
Titanium	47-1	1967.03	1996.69	1979.68	1981.13	0.75	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:22:00	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.43	0.42	0.42	0.82	ppb
Vanadium	51-2	384.08	397.03	393.65	391.59	1.72	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	185.97	190.01	186.16	187.38	1.22	ppb
Zirconium	90-1	3.89	4.01	4.11	4.00	2.80	ppb
Zirconium	91-1	4.01	4.15	4.13	4.10	1.93	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:25:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62780.76	63089.83	63633.84	63168.14	0.68	ppb
Antimony	121-1	2.51	2.54	2.66	2.57	3.04	ppb
Arsenic	75-2	218.95	222.76	220.42	220.71	0.87	ppb
Barium	135-1	256.26	257.88	262.29	258.81	1.20	ppb
Barium	137-1	255.07	259.46	263.65	259.39	1.65	ppb
Beryllium	9-1	0.80	0.83	0.87	0.84	3.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.91	1.80	2.21	1.97	10.68	ppb
Cadmium	106-1	3.09	2.89	2.28	2.75	15.38	ppb
Cadmium	111-1	0.38	0.35	0.34	0.36	6.89	ppb
Calcium	43-1	17394.05	17769.13	17740.75	17634.65	1.18	ppb
Calcium	44-1	16525.70	16946.15	16607.08	16692.98	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	222.05	218.88	220.05	220.32	0.73	ppb
Cobalt	59-2	103.99	103.96	103.53	103.83	0.25	ppb
Copper	63-2	305.59	298.98	302.71	302.43	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	174784.90	173675.61	173235.49	173898.67	0.46	ppb
Iron	57-2	171054.22	169821.33	170807.53	170561.03	0.38	ppb
Iron	54-2	175491.50	175408.75	174614.48	175171.58	0.28	ppb
Krypton	83-1						cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:25:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.98	12.03	12.01	12.00	0.21	ppb
Lead	207-1	12.49	12.49	12.54	12.50	0.21	ppb
Lead	208-1	12.12	12.23	12.38	12.25	1.07	ppb
Lithium	6-1				90		%
Magnesium	24-2	40553.98	40634.49	40439.87	40542.78	0.24	ppb
Manganese	55-2	5433.54	5376.30	5333.66	5381.17	0.93	ppb
Molybdenum	94-1	7.77	7.76	7.99	7.84	1.66	ppb
Molybdenum	95-1	1.16	1.05	1.13	1.11	5.04	ppb
Molybdenum	96-1	2.96	2.89	2.99	2.94	1.81	ppb
Molybdenum	97-1	1.07	1.05	1.08	1.07	1.12	ppb
Molybdenum	98-1	1.02	1.03	1.01	1.02	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.17	139.88	138.95	139.33	0.35	ppb
Phosphorus	31-2	732.37	748.16	727.30	735.95	1.48	ppb
Potassium	39-2	647.71	649.91	640.44	646.02	0.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				118		%
Scandium	45-2				119		%
Selenium	82-1	0.58	0.49	0.29	0.45	32.18	ppb
Selenium	77-2	6.67	5.21	5.29	5.72	14.34	ppb
Selenium	78-2	1.97	1.10	0.97	1.35	40.60	ppb
Silicon	28-1	602.67	641.53	620.20	621.47	3.13	ppb
Silver	107-1	0.05	0.06	0.06	0.05	2.48	ppb
Silver	109-1	0.05	0.06	0.05	0.05	8.88	ppb
Sodium	23-2	429.95	434.79	430.02	431.58	0.64	ppb
Strontium	86-1	92.87	91.98	93.85	92.90	1.01	ppb
Strontium	88-1	91.37	93.72	94.25	93.11	1.65	ppb
Sulfur	34-1	-2039.40	-1957.85	-1945.95	-1981.07		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.04	0.04	0.04	2.68	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	7.18	ppb
Tin	118-1	1.86	1.88	1.97	1.90	3.04	ppb
Titanium	47-1	1983.30	2056.48	2011.98	2017.25	1.83	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:25:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.43	0.42	0.43	1.53	ppb
Vanadium	51-2	388.20	389.19	387.72	388.37	0.19	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	188.64	188.68	188.29	188.54	0.12	ppb
Zirconium	90-1	4.18	4.16	4.15	4.16	0.32	ppb
Zirconium	91-1	4.16	4.11	4.25	4.17	1.69	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 15:28:14	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13724.24	13645.05	13727.01	13698.77	0.34	ppb
Antimony	121-1	0.50	0.48	0.50	0.50	2.08	ppb
Arsenic	75-2	44.99	43.81	43.92	44.24	1.47	ppb
Barium	135-1	41.70	41.62	41.81	41.71	0.23	ppb
Barium	137-1	41.18	41.69	42.24	41.70	1.27	ppb
Beryllium	9-1	0.13	0.14	0.17	0.15	12.90	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.41	0.43	0.40	10.53	ppb
Cadmium	106-1	0.29	-0.12	-0.13	0.01	1720.51	ppb
Cadmium	111-1	0.04	0.01	0.00	0.02	118.80	ppb
Calcium	43-1	3625.75	3789.59	3797.00	3737.45	2.59	ppb
Calcium	44-1	3502.60	3633.89	3622.31	3586.27	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.55	48.72	48.12	48.46	0.64	ppb
Cobalt	59-2	22.32	22.01	21.79	22.04	1.20	ppb
Copper	63-2	66.98	65.74	65.63	66.12	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				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	37431.14	36969.01	37123.64	37174.60	0.63	ppb
Iron	57-2	36526.38	35932.16	35750.09	36069.54	1.13	ppb
Iron	54-2	36424.34	36923.85	36960.18	36769.46	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 15:28:14	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.94	1.92	1.94	1.93	0.65	ppb
Lead	207-1	2.07	2.00	2.06	2.04	1.93	ppb
Lead	208-1	2.00	1.96	2.00	1.99	1.25	ppb
Lithium	6-1				92		%
Magnesium	24-2	8713.06	8856.21	8708.41	8759.23	0.96	ppb
Manganese	55-2	1049.20	1032.51	1043.11	1041.61	0.81	ppb
Molybdenum	94-1	1.42	1.44	1.51	1.46	3.12	ppb
Molybdenum	95-1	0.19	0.21	0.20	0.20	3.35	ppb
Molybdenum	96-1	0.55	0.59	0.60	0.58	4.39	ppb
Molybdenum	97-1	0.16	0.19	0.19	0.18	10.29	ppb
Molybdenum	98-1	0.20	0.17	0.18	0.18	6.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.87	31.07	30.52	30.82	0.89	ppb
Phosphorus	31-2	148.38	152.31	152.77	151.15	1.60	ppb
Potassium	39-2	134.86	134.20	137.33	135.47	1.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	-0.10	0.14	0.25	0.10	183.77	ppb
Selenium	77-2	1.09	0.35	1.26	0.90	54.02	ppb
Selenium	78-2	-0.05	0.50	-0.29	0.05	766.21	ppb
Silicon	28-1	129.13	135.25	131.12	131.84	2.37	ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.53	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.01	ppb
Sodium	23-2	112.00	109.32	106.37	109.23	2.58	ppb
Strontium	86-1	17.90	18.03	18.10	18.01	0.57	ppb
Strontium	88-1	17.90	18.05	17.94	17.96	0.43	ppb
Sulfur	34-1	-1752.15	-1710.98	-1704.89	-1722.67		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.31	0.33	0.34	0.33	3.87	ppb
Titanium	47-1	417.49	437.54	431.63	428.89	2.40	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 15:28:14	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.07	0.07	0.07	1.09	ppb
Vanadium	51-2	85.30	85.16	84.61	85.02	0.43	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	41.77	41.42	41.73	41.64	0.45	ppb
Zirconium	90-1	0.79	0.80	0.80	0.80	0.74	ppb
Zirconium	91-1	0.80	0.80	0.80	0.80	0.46	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:31:27	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63696.13	64518.33	64110.67	64108.37	0.64	ppb
Antimony	121-1	61.75	61.81	62.50	62.02	0.67	ppb
Arsenic	75-2	246.16	241.26	246.40	244.61	1.19	ppb
Barium	135-1	1878.34	1859.78	1895.82	1877.98	0.96	ppb
Barium	137-1	1886.99	1873.45	1879.64	1880.03	0.36	ppb
Beryllium	9-1	42.68	42.96	42.95	42.86	0.37	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.22	30.46	30.68	31.12	3.08	ppb
Cadmium	106-1	29.22	29.52	29.15	29.30	0.67	ppb
Cadmium	111-1	30.82	30.73	30.94	30.83	0.35	ppb
Calcium	43-1	17343.64	17215.08	17643.91	17400.88	1.26	ppb
Calcium	44-1	16521.22	16269.52	16678.04	16489.59	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	366.94	368.00	358.65	364.53	1.41	ppb
Cobalt	59-2	455.34	465.43	455.05	458.61	1.29	ppb
Copper	63-2	464.52	477.31	467.33	469.72	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	171594.04	173038.76	170277.95	171636.92	0.80	ppb
Iron	57-2	166300.19	169200.74	166295.58	167265.51	1.00	ppb
Iron	54-2	172883.36	172585.95	169825.83	171765.05	0.98	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:31:27	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.49	21.65	21.55	21.56	0.39	ppb
Lead	207-1	21.42	21.91	21.58	21.64	1.16	ppb
Lead	208-1	21.45	21.85	21.60	21.63	0.95	ppb
Lithium	6-1				88		%
Magnesium	24-2	40466.98	40439.28	40192.61	40366.29	0.37	ppb
Manganese	55-2	5333.11	5296.17	5211.68	5280.32	1.18	ppb
Molybdenum	94-1	7.59	7.54	7.66	7.60	0.79	ppb
Molybdenum	95-1	1.05	1.02	1.04	1.04	1.67	ppb
Molybdenum	96-1	2.92	2.83	3.17	2.97	5.87	ppb
Molybdenum	97-1	1.00	1.09	1.04	1.04	4.19	ppb
Molybdenum	98-1	1.00	0.99	0.99	0.99	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.28	493.18	487.43	489.63	0.63	ppb
Phosphorus	31-2	751.30	737.04	730.80	739.71	1.42	ppb
Potassium	39-2	618.13	626.20	621.56	621.96	0.65	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	70.52	70.01	70.80	70.44	0.57	ppb
Selenium	77-2	84.49	71.89	77.43	77.93	8.11	ppb
Selenium	78-2	74.53	73.93	70.15	72.87	3.26	ppb
Silicon	28-1	619.22	609.39	623.16	617.26	1.15	ppb
Silver	107-1	37.22	36.78	37.21	37.07	0.67	ppb
Silver	109-1	37.03	36.55	37.00	36.86	0.74	ppb
Sodium	23-2	408.72	420.25	411.22	413.40	1.47	ppb
Strontium	86-1	90.13	90.38	90.80	90.44	0.37	ppb
Strontium	88-1	90.89	91.16	90.49	90.85	0.37	ppb
Sulfur	34-1	-1998.71	-2010.92	-1965.87	-1991.83		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	26.84	27.38	27.44	27.22	1.21	ppb
Thallium	205-1	26.69	26.99	27.01	26.90	0.68	ppb
Tin	118-1	1.80	1.85	1.83	1.83	1.16	ppb
Titanium	47-1	1984.76	1992.04	2043.05	2006.62	1.58	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:31:27	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.43	0.41	0.42	2.45	ppb
Vanadium	51-2	740.17	754.29	740.21	744.89	1.09	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	525.19	527.48	520.36	524.34	0.69	ppb
Zirconium	90-1	3.95	3.97	4.06	3.99	1.45	ppb
Zirconium	91-1	3.98	4.13	4.12	4.07	2.00	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MS	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:34:31	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66732.49	66762.89	66234.01	66576.46	0.45	ppb
Antimony	121-1	289.43	289.16	290.50	289.70	0.24	ppb
Arsenic	75-2	325.97	326.60	325.93	326.17	0.12	ppb
Barium	135-1	5566.46	5655.34	5707.63	5643.14	1.26	ppb
Barium	137-1	5515.23	5595.26	5577.54	5562.68	0.76	ppb
Beryllium	9-1	136.83	139.46	144.58	140.29	2.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	130.76	135.59	133.88	133.41	1.83	ppb
Cadmium	106-1	130.02	131.81	130.30	130.71	0.74	ppb
Cadmium	111-1	142.64	144.16	142.68	143.16	0.61	ppb
Calcium	43-1	16924.36	17491.46	17317.99	17244.60	1.69	ppb
Calcium	44-1	16063.42	16330.04	16344.40	16245.95	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	695.89	695.54	706.42	699.28	0.88	ppb
Cobalt	59-2	1285.25	1294.45	1286.58	1288.76	0.39	ppb
Copper	63-2	846.68	856.45	855.61	852.91	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				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	173312.70	171193.12	170788.33	171764.72	0.79	ppb
Iron	57-2	167875.33	167731.45	167614.61	167740.46	0.08	ppb
Iron	54-2	172547.26	172518.25	171068.99	172044.83	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MS	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:34:31	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.07	62.88	62.94	63.30	1.06	ppb
Lead	207-1	62.52	62.56	63.02	62.70	0.44	ppb
Lead	208-1	62.99	62.92	63.06	62.99	0.11	ppb
Lithium	6-1				86		%
Magnesium	24-2	40251.48	40298.88	39949.76	40166.71	0.47	ppb
Manganese	55-2	6243.28	6183.98	6203.03	6210.10	0.49	ppb
Molybdenum	94-1	7.43	7.55	7.60	7.52	1.18	ppb
Molybdenum	95-1	1.09	1.06	1.14	1.10	3.56	ppb
Molybdenum	96-1	2.95	2.86	2.90	2.90	1.58	ppb
Molybdenum	97-1	1.06	1.06	1.06	1.06	0.46	ppb
Molybdenum	98-1	1.02	1.04	1.02	1.03	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1327.76	1330.33	1326.18	1328.09	0.16	ppb
Phosphorus	31-2	706.31	707.76	702.78	705.62	0.36	ppb
Potassium	39-2	612.90	612.74	611.90	612.51	0.09	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	82-1	307.55	308.58	309.34	308.49	0.29	ppb
Selenium	77-2	302.41	315.36	328.10	315.29	4.07	ppb
Selenium	78-2	305.76	316.47	310.78	311.00	1.72	ppb
Silicon	28-1	559.95	590.17	589.59	579.90	2.98	ppb
Silver	107-1	82.10	123.55	92.70	99.45	21.65	ppb
Silver	109-1	86.86	87.00	87.99	87.28	0.70	ppb
Sodium	23-2	409.21	409.65	412.67	410.51	0.46	ppb
Strontium	86-1	89.02	89.79	89.91	89.58	0.54	ppb
Strontium	88-1	89.80	89.58	90.00	89.80	0.23	ppb
Sulfur	34-1	-2074.91	-2073.84	-2174.26	-2107.67		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	130.42	129.52	129.79	129.91	0.36	ppb
Thallium	205-1	144.05	146.59	144.43	145.03	0.94	ppb
Tin	118-1	1.79	1.78	1.81	1.80	0.78	ppb
Titanium	47-1	1934.79	1963.83	1983.08	1960.57	1.24	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MS	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:34:31	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.41	0.42	0.41	0.41	2.00	ppb
Vanadium	51-2	1550.78	1554.48	1575.66	1560.31	0.86	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	1341.89	1297.90	1333.02	1324.27	1.76	ppb
Zirconium	90-1	3.96	4.06	4.01	4.01	1.28	ppb
Zirconium	91-1	4.13	4.14	4.23	4.17	1.35	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:41:04	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49989.42	50132.42	49580.00	49900.61	0.57	ppb
Antimony	121-1	485.72	506.75	513.20	501.89	2.86	ppb
Arsenic	75-2	487.84	498.15	491.41	492.47	1.06	ppb
Barium	135-1	2488.68	2528.29	2563.63	2526.87	1.48	ppb
Barium	137-1	2501.55	2513.89	2554.26	2523.23	1.09	ppb
Beryllium	9-1	552.89	540.71	553.13	548.91	1.29	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	487.84	499.44	501.17	496.15	1.46	ppb
Cadmium	106-1	485.49	503.47	504.79	497.92	2.17	ppb
Cadmium	111-1	473.79	479.74	485.61	479.71	1.23	ppb
Calcium	43-1	247575.57	251513.69	253982.84	251024.03	1.29	ppb
Calcium	44-1	242006.90	249694.87	249384.77	247028.85	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.89	499.12	496.55	497.52	0.28	ppb
Cobalt	59-2	518.80	514.18	514.65	515.88	0.49	ppb
Copper	63-2	5054.44	5037.88	4937.64	5009.99	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	128173.00	125734.78	125405.02	126437.60	1.20	ppb
Iron	57-2	126296.21	125283.23	123190.31	124923.25	1.27	ppb
Iron	54-2	128793.28	126085.22	126664.09	127180.86	1.12	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:41:04	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2482.55	2537.54	2530.92	2517.01	1.19	ppb
Lead	207-1	2483.03	2564.23	2536.21	2527.83	1.63	ppb
Lead	208-1	2493.96	2549.95	2527.41	2523.77	1.12	ppb
Lithium	6-1				95		%
Magnesium	24-2	253097.94	251470.06	246166.58	250244.86	1.45	ppb
Manganese	55-2	4955.38	4888.02	4841.09	4894.83	1.17	ppb
Molybdenum	94-1	4884.95	4921.43	4989.27	4931.88	1.07	ppb
Molybdenum	95-1	4918.69	4969.20	5007.08	4964.99	0.89	ppb
Molybdenum	96-1	4942.15	4992.41	5014.32	4982.96	0.74	ppb
Molybdenum	97-1	5005.38	5019.10	5060.88	5028.45	0.57	ppb
Molybdenum	98-1	4985.59	5001.27	5056.47	5014.44	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.34	494.97	490.36	493.56	0.56	ppb
Phosphorus	31-2	10191.91	10135.04	9917.46	10081.47	1.44	ppb
Potassium	39-2	123644.00	122694.03	121475.48	122604.50	0.89	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	469.47	475.77	477.77	474.33	0.91	ppb
Selenium	77-2	475.19	482.69	509.60	489.16	3.70	ppb
Selenium	78-2	474.52	487.00	473.02	478.18	1.60	ppb
Silicon	28-1	664.03	689.22	673.79	675.68	1.88	ppb
Silver	107-1	486.38	502.91	508.40	499.23	2.30	ppb
Silver	109-1	485.28	504.15	497.10	495.51	1.92	ppb
Sodium	23-2	252588.79	250416.41	247056.85	250020.68	1.11	ppb
Strontium	86-1	12252.98	12531.74	12536.45	12440.39	1.30	ppb
Strontium	88-1	12343.23	12674.98	12593.58	12537.26	1.38	ppb
Sulfur	34-1	9570.67	9726.34	9689.25	9662.09	0.84	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	498.16	498.93	513.44	503.51	1.71	ppb
Thallium	205-1	498.84	505.12	506.26	503.41	0.79	ppb
Tin	118-1	492.70	509.06	512.20	504.65	2.07	ppb
Titanium	47-1	4854.21	4942.77	4957.01	4918.00	1.13	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:41:04	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	490.44	516.54	515.47	507.48	2.91	ppb
Vanadium	51-2	501.37	502.98	502.38	502.25	0.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	4940.55	4891.85	4861.88	4898.10	0.81	ppb
Zirconium	90-1	500.35	498.00	510.39	502.91	1.31	ppb
Zirconium	91-1	494.41	499.93	497.75	497.36	0.56	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:44:00	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.77	1.84	2.38	2.00	16.70	ppb
Antimony	121-1	0.36	0.36	0.36	0.36	1.05	ppb
Arsenic	75-2	0.03	0.02	0.02	0.02	18.66	ppb
Barium	135-1	0.16	0.10	0.10	0.12	27.86	ppb
Barium	137-1	0.16	0.11	0.11	0.13	21.26	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	42.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.08	0.07	0.05	100.64	ppb
Cadmium	106-1	0.36	0.08	-0.44	0.00	69363.06	ppb
Cadmium	111-1	0.07	0.04	-0.01	0.03	113.24	ppb
Calcium	43-1	13.41	9.94	5.07	9.47	44.25	ppb
Calcium	44-1	13.11	8.53	6.28	9.31	37.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.07	0.06	0.06	10.97	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	18.87	ppb
Copper	63-2	0.21	0.22	0.24	0.22	5.36	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				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	4.71	4.48	4.52	4.57	2.79	ppb
Iron	57-2	2.68	0.70	3.10	2.16	59.39	ppb
Iron	54-2	4.62	4.88	4.61	4.70	3.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:44:00	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.21	0.18	0.16	0.18	14.52	ppb
Lead	207-1	0.23	0.19	0.15	0.19	21.10	ppb
Lead	208-1	0.22	0.19	0.16	0.19	17.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	7.43	7.26	7.10	7.26	2.33	ppb
Manganese	55-2	0.16	0.16	0.17	0.16	2.76	ppb
Molybdenum	94-1	0.72	0.62	0.51	0.62	16.75	ppb
Molybdenum	95-1	0.39	0.32	0.28	0.33	18.12	ppb
Molybdenum	96-1	0.41	0.33	0.33	0.36	13.70	ppb
Molybdenum	97-1	0.39	0.31	0.27	0.32	19.75	ppb
Molybdenum	98-1	0.40	0.30	0.30	0.33	16.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.02	0.02	84.21	ppb
Phosphorus	31-2	-14.57	-14.24	-14.96	-14.59		ppb
Potassium	39-2	11.82	9.63	8.80	10.08	15.50	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	-0.75	-0.37	-0.28	-0.47		ppb
Selenium	77-2	-0.26	-0.10	-0.10	-0.15		ppb
Selenium	78-2	-0.52	1.08	-0.39	0.06	1586.09	ppb
Silicon	28-1	0.07	0.02	0.02	0.04	79.94	ppb
Silver	107-1	0.07	0.06	0.05	0.06	23.00	ppb
Silver	109-1	0.07	0.05	0.05	0.06	16.64	ppb
Sodium	23-2	28.53	27.87	27.74	28.05	1.51	ppb
Strontium	86-1	0.70	0.51	0.38	0.53	30.04	ppb
Strontium	88-1	0.66	0.48	0.41	0.52	25.02	ppb
Sulfur	34-1	-628.40	-646.79	-698.99	-658.06		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.06	0.04	0.06	27.89	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	17.61	ppb
Tin	118-1	0.08	0.08	0.11	0.09	21.38	ppb
Titanium	47-1	0.29	0.24	0.32	0.28	14.22	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:44:00	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.02	28.43	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	33.44	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	0.14	0.10	0.17	0.14	26.84	ppb
Zirconium	90-1	0.24	0.19	0.15	0.19	24.28	ppb
Zirconium	91-1	0.23	0.19	0.16	0.19	18.79	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-10	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:47:20	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30491.31	30748.48	30464.71	30568.17	0.51	ppb
Antimony	121-1	3.08	3.00	3.04	3.04	1.19	ppb
Arsenic	75-2	211.74	209.20	210.97	210.64	0.62	ppb
Barium	135-1	650.94	637.26	656.77	648.32	1.54	ppb
Barium	137-1	641.16	641.92	651.33	644.80	0.88	ppb
Beryllium	9-1	1.23	1.42	1.37	1.34	7.13	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.98	2.58	2.25	2.60	14.15	ppb
Cadmium	106-1	3.86	4.07	3.26	3.73	11.21	ppb
Cadmium	111-1	1.72	1.65	1.72	1.70	2.40	ppb
Calcium	43-1	10329.37	10538.90	10352.39	10406.89	1.10	ppb
Calcium	44-1	9854.86	9964.71	9933.37	9917.64	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.07	75.78	75.77	75.54	0.54	ppb
Cobalt	59-2	70.88	71.51	72.20	71.53	0.92	ppb
Copper	63-2	240.06	240.55	235.98	238.87	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	162428.80	166090.02	164120.82	164213.21	1.12	ppb
Iron	57-2	162926.30	160655.08	160806.86	161462.74	0.79	ppb
Iron	54-2	163008.63	164205.06	166443.14	164552.28	1.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-10	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:47:20	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.48	51.98	51.46	51.97	0.98	ppb
Lead	207-1	51.81	52.37	50.96	51.71	1.38	ppb
Lead	208-1	52.00	51.98	51.35	51.78	0.72	ppb
Lithium	6-1				92		%
Magnesium	24-2	12012.64	12238.40	12064.91	12105.32	0.98	ppb
Manganese	55-2	10158.32	10152.16	10354.25	10221.58	1.12	ppb
Molybdenum	94-1	15.20	15.48	15.40	15.36	0.91	ppb
Molybdenum	95-1	2.60	2.56	2.56	2.57	0.82	ppb
Molybdenum	96-1	4.83	4.92	4.88	4.88	0.97	ppb
Molybdenum	97-1	2.44	2.47	2.49	2.47	1.02	ppb
Molybdenum	98-1	2.37	2.45	2.43	2.42	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.28	106.36	106.73	106.45	0.22	ppb
Phosphorus	31-2	1852.63	1854.02	1843.13	1849.93	0.32	ppb
Potassium	39-2	6367.34	6319.55	6355.71	6347.53	0.39	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	1.31	0.91	1.35	1.19	20.53	ppb
Selenium	77-2	19.43	20.16	18.53	19.37	4.21	ppb
Selenium	78-2	3.66	2.13	4.30	3.36	33.14	ppb
Silicon	28-1	446.68	458.74	449.90	451.77	1.38	ppb
Silver	107-1	0.36	0.33	0.35	0.35	3.47	ppb
Silver	109-1	0.35	0.33	0.33	0.34	4.19	ppb
Sodium	23-2	148.35	151.23	153.26	150.95	1.64	ppb
Strontium	86-1	86.61	88.46	88.10	87.72	1.12	ppb
Strontium	88-1	88.09	90.76	90.32	89.73	1.60	ppb
Sulfur	34-1	-1014.71	-1250.93	-1455.73	-1240.46		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.21	0.21	0.20	0.21	2.11	ppb
Thallium	205-1	0.21	0.22	0.21	0.21	2.32	ppb
Tin	118-1	2.08	2.04	2.07	2.07	0.98	ppb
Titanium	47-1	194.20	198.70	194.76	195.89	1.25	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-10	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:47:20	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.12	1.10	1.11	1.05	ppb
Vanadium	51-2	172.21	174.34	173.89	173.48	0.65	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	323.32	328.47	326.04	325.94	0.79	ppb
Zirconium	90-1	7.96	8.19	8.18	8.11	1.62	ppb
Zirconium	91-1	8.06	8.05	8.04	8.05	0.08	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-11	Instrumnet Name :	P7
Client Sample ID :	MYD0Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:50:26	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32895.73	31968.28	32616.12	32493.38	1.46	ppb
Antimony	121-1	2.77	2.83	2.86	2.82	1.62	ppb
Arsenic	75-2	234.50	240.43	240.16	238.36	1.40	ppb
Barium	135-1	559.68	544.89	564.03	556.20	1.80	ppb
Barium	137-1	559.67	538.28	578.95	558.97	3.64	ppb
Beryllium	9-1	1.69	1.82	1.82	1.78	4.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.38	1.37	1.40	2.88	ppb
Cadmium	106-1	2.50	1.40	2.02	1.97	28.10	ppb
Cadmium	111-1	0.65	0.57	0.61	0.61	6.37	ppb
Calcium	43-1	9338.89	9534.42	9481.52	9451.61	1.07	ppb
Calcium	44-1	8852.91	9092.68	8927.99	8957.86	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.67	68.52	69.88	69.35	1.06	ppb
Cobalt	59-2	68.62	67.16	68.55	68.11	1.21	ppb
Copper	63-2	184.19	183.01	185.30	184.17	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				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	155795.16	154289.20	157171.91	155752.09	0.93	ppb
Iron	57-2	154232.82	150357.40	154107.69	152899.30	1.44	ppb
Iron	54-2	154811.54	155141.90	157074.93	155676.12	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-11	Instrumnet Name :	P7
Client Sample ID :	MYD0Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:50:26	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	84.46	86.56	84.56	85.19	1.39	ppb
Lead	207-1	87.46	89.33	90.24	89.01	1.59	ppb
Lead	208-1	85.41	91.26	86.91	87.86	3.46	ppb
Lithium	6-1				90		%
Magnesium	24-2	10009.19	9856.99	9886.88	9917.68	0.81	ppb
Manganese	55-2	9604.25	9617.58	9735.00	9652.28	0.75	ppb
Molybdenum	94-1	12.31	12.19	12.54	12.35	1.43	ppb
Molybdenum	95-1	2.72	2.66	2.77	2.72	2.02	ppb
Molybdenum	96-1	4.48	4.60	4.62	4.57	1.69	ppb
Molybdenum	97-1	2.60	2.62	2.56	2.59	1.18	ppb
Molybdenum	98-1	2.51	2.54	2.52	2.52	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.20	96.80	97.07	96.69	0.46	ppb
Phosphorus	31-2	1192.28	1189.49	1185.76	1189.18	0.28	ppb
Potassium	39-2	3957.33	3865.81	3941.75	3921.63	1.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.41	1.22	1.68	1.44	16.38	ppb
Selenium	77-2	23.18	22.09	21.51	22.26	3.81	ppb
Selenium	78-2	4.29	6.43	4.20	4.97	25.31	ppb
Silicon	28-1	607.63	619.56	613.89	613.69	0.97	ppb
Silver	107-1	0.24	0.23	0.24	0.24	1.77	ppb
Silver	109-1	0.23	0.22	0.22	0.22	3.31	ppb
Sodium	23-2	149.33	151.74	155.40	152.16	2.01	ppb
Strontium	86-1	87.01	88.45	88.11	87.86	0.86	ppb
Strontium	88-1	88.38	89.67	88.53	88.86	0.79	ppb
Sulfur	34-1	-1719.99	-1760.53	-1902.45	-1794.32		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.17	0.17	0.19	0.18	5.74	ppb
Thallium	205-1	0.17	0.18	0.18	0.18	2.38	ppb
Tin	118-1	1.80	1.97	1.90	1.89	4.57	ppb
Titanium	47-1	139.19	144.55	141.80	141.85	1.89	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-11	Instrumnet Name :	P7
Client Sample ID :	MYD0Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:50:26	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.35	1.39	1.39	1.38	1.72	ppb
Vanadium	51-2	160.03	157.90	160.64	159.52	0.90	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	263.54	261.33	264.37	263.08	0.60	ppb
Zirconium	90-1	6.09	6.15	6.21	6.15	0.96	ppb
Zirconium	91-1	6.22	6.37	6.26	6.28	1.24	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-12	Instrumnet Name :	P7
Client Sample ID :	MYD0Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:53:35	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23330.24	23518.57	23524.97	23457.93	0.47	ppb
Antimony	121-1	2.63	2.68	2.73	2.68	1.84	ppb
Arsenic	75-2	163.30	161.80	166.55	163.88	1.48	ppb
Barium	135-1	486.77	502.28	497.79	495.62	1.61	ppb
Barium	137-1	490.36	492.21	505.11	495.89	1.62	ppb
Beryllium	9-1	1.22	1.33	1.36	1.30	5.58	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.12	1.27	1.06	1.15	9.28	ppb
Cadmium	106-1	1.42	1.58	1.49	1.50	5.32	ppb
Cadmium	111-1	0.40	0.42	0.43	0.41	3.15	ppb
Calcium	43-1	7411.71	7545.87	7456.80	7471.46	0.91	ppb
Calcium	44-1	7025.38	7093.01	6951.60	7023.33	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.68	49.18	48.63	49.17	1.07	ppb
Cobalt	59-2	63.23	63.86	63.60	63.56	0.50	ppb
Copper	63-2	130.50	130.96	130.45	130.64	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	139503.77	140222.96	138049.06	139258.60	0.80	ppb
Iron	57-2	137124.17	138185.30	136483.92	137264.46	0.63	ppb
Iron	54-2	140403.58	139805.70	140086.70	140098.66	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-12	Instrumnet Name :	P7
Client Sample ID :	MYD0Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:53:35	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.74	18.63	18.57	18.65	0.48	ppb
Lead	207-1	18.44	18.68	18.65	18.59	0.70	ppb
Lead	208-1	18.65	18.69	18.65	18.66	0.12	ppb
Lithium	6-1				89		%
Magnesium	24-2	8029.78	7928.01	7899.06	7952.28	0.86	ppb
Manganese	55-2	9435.61	9395.91	9265.75	9365.76	0.95	ppb
Molybdenum	94-1	11.62	12.04	12.20	11.96	2.51	ppb
Molybdenum	95-1	2.13	2.17	2.14	2.15	1.05	ppb
Molybdenum	96-1	3.88	3.95	3.93	3.92	0.92	ppb
Molybdenum	97-1	2.03	2.06	2.01	2.04	1.19	ppb
Molybdenum	98-1	2.00	2.01	2.03	2.01	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.03	77.72	76.89	77.21	0.57	ppb
Phosphorus	31-2	941.34	914.40	946.71	934.15	1.85	ppb
Potassium	39-2	2674.84	2748.59	2673.43	2698.95	1.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	0.98	0.80	1.04	0.94	13.37	ppb
Selenium	77-2	16.88	17.68	17.18	17.25	2.33	ppb
Selenium	78-2	3.49	3.24	4.32	3.68	15.34	ppb
Silicon	28-1	436.53	443.41	443.84	441.26	0.93	ppb
Silver	107-1	0.10	0.10	0.10	0.10	3.92	ppb
Silver	109-1	0.09	0.08	0.09	0.08	2.70	ppb
Sodium	23-2	138.78	140.23	138.50	139.17	0.67	ppb
Strontium	86-1	85.71	85.35	85.26	85.44	0.28	ppb
Strontium	88-1	85.18	86.88	86.26	86.11	1.00	ppb
Sulfur	34-1	-1953.87	-1950.85	-1982.72	-1962.48		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.14	0.13	0.13	3.68	ppb
Thallium	205-1	0.13	0.13	0.14	0.13	3.19	ppb
Tin	118-1	1.65	1.69	2.07	1.81	12.83	ppb
Titanium	47-1	77.87	79.67	78.41	78.65	1.18	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-12	Instrumnet Name :	P7
Client Sample ID :	MYD0Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:53:35	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.09	1.07	1.07	1.60	ppb
Vanadium	51-2	107.21	106.90	106.53	106.88	0.32	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	312.70	314.91	311.29	312.97	0.58	ppb
Zirconium	90-1	6.19	6.20	6.11	6.17	0.82	ppb
Zirconium	91-1	6.12	6.34	6.22	6.23	1.75	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-13	Instrumnet Name :	P7
Client Sample ID :	MYDA43	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:56:43	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53887.99	53372.65	53839.73	53700.12	0.53	ppb
Antimony	121-1	1.89	1.98	2.02	1.96	3.52	ppb
Arsenic	75-2	167.71	167.88	167.40	167.66	0.14	ppb
Barium	135-1	561.35	578.01	606.52	581.96	3.92	ppb
Barium	137-1	561.20	556.12	593.82	570.38	3.59	ppb
Beryllium	9-1	1.82	1.78	1.66	1.75	4.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.50	2.32	2.38	2.40	3.87	ppb
Cadmium	106-1	1.96	2.78	3.41	2.72	26.73	ppb
Cadmium	111-1	1.31	1.39	1.49	1.40	6.44	ppb
Calcium	43-1	13193.57	13169.41	12936.41	13099.80	1.08	ppb
Calcium	44-1	12162.88	12118.80	12345.79	12209.16	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135.74	136.19	135.85	135.92	0.17	ppb
Cobalt	59-2	71.88	72.18	72.12	72.06	0.22	ppb
Copper	63-2	262.01	257.36	263.67	261.01	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				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	154690.44	155398.10	155646.64	155245.06	0.32	ppb
Iron	57-2	152901.61	153536.51	152565.54	153001.22	0.32	ppb
Iron	54-2	154531.45	155066.82	154630.43	154742.90	0.18	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-13	Instrumnet Name :	P7
Client Sample ID :	MYDA43	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:56:43	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.03	51.13	51.96	51.38	1.00	ppb
Lead	207-1	51.55	51.46	51.95	51.65	0.50	ppb
Lead	208-1	50.94	50.83	52.19	51.32	1.47	ppb
Lithium	6-1				92		%
Magnesium	24-2	31324.68	31169.65	31608.08	31367.47	0.71	ppb
Manganese	55-2	3055.91	3036.48	3038.02	3043.47	0.35	ppb
Molybdenum	94-1	23.42	24.01	23.90	23.77	1.33	ppb
Molybdenum	95-1	1.42	1.43	1.54	1.46	4.67	ppb
Molybdenum	96-1	4.79	4.68	4.90	4.79	2.28	ppb
Molybdenum	97-1	1.41	1.48	1.47	1.45	2.76	ppb
Molybdenum	98-1	1.40	1.42	1.52	1.45	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.08	125.86	125.64	125.86	0.18	ppb
Phosphorus	31-2	2520.85	2527.97	2522.61	2523.81	0.15	ppb
Potassium	39-2	10302.40	10280.36	10145.23	10242.66	0.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				116		%
Scandium	45-2				115		%
Selenium	82-1	1.01	1.31	1.22	1.18	12.91	ppb
Selenium	77-2	16.93	14.70	19.04	16.89	12.83	ppb
Selenium	78-2	3.22	3.16	3.25	3.21	1.39	ppb
Silicon	28-1	396.96	404.59	393.98	398.51	1.37	ppb
Silver	107-1	0.28	0.29	0.30	0.29	3.21	ppb
Silver	109-1	0.26	0.28	0.28	0.27	3.36	ppb
Sodium	23-2	187.73	185.28	190.08	187.70	1.28	ppb
Strontium	86-1	70.65	71.79	72.54	71.66	1.32	ppb
Strontium	88-1	73.09	74.74	73.84	73.89	1.12	ppb
Sulfur	34-1	-1881.73	-1905.20	-1903.94	-1896.96		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.31	0.32	0.32	0.32	2.57	ppb
Thallium	205-1	0.30	0.31	0.32	0.31	2.83	ppb
Tin	118-1	2.91	2.94	3.17	3.01	4.70	ppb
Titanium	47-1	1079.70	1077.12	1052.10	1069.64	1.43	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-13	Instrumnet Name :	P7
Client Sample ID :	MYDA43	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:56:43	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	0.99	1.00	0.99	0.78	ppb
Vanadium	51-2	379.28	380.19	374.19	377.89	0.86	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	293.98	293.50	295.28	294.25	0.31	ppb
Zirconium	90-1	13.24	13.45	14.06	13.58	3.12	ppb
Zirconium	91-1	13.16	13.35	13.83	13.45	2.59	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-14	Instrumnet Name :	P7
Client Sample ID :	MYDA44	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:59:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51167.73	51830.42	51486.84	51495.00	0.64	ppb
Antimony	121-1	2.41	2.39	2.45	2.42	1.17	ppb
Arsenic	75-2	205.11	200.62	203.13	202.95	1.11	ppb
Barium	135-1	501.11	509.20	501.77	504.02	0.89	ppb
Barium	137-1	504.01	501.83	517.23	507.69	1.64	ppb
Beryllium	9-1	1.36	1.41	1.39	1.38	1.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.41	1.89	2.09	2.13	12.29	ppb
Cadmium	106-1	3.89	3.50	3.74	3.71	5.27	ppb
Cadmium	111-1	1.51	1.48	1.50	1.50	0.72	ppb
Calcium	43-1	7568.24	7563.61	7283.82	7471.89	2.18	ppb
Calcium	44-1	7098.36	7003.97	7066.29	7056.21	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180.99	181.62	181.34	181.32	0.17	ppb
Cobalt	59-2	83.15	83.85	82.99	83.33	0.55	ppb
Copper	63-2	277.83	278.23	277.55	277.87	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				108		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	190019.89	189571.93	186065.87	188552.56	1.15	ppb
Iron	57-2	187045.50	184722.31	183838.20	185202.00	0.89	ppb
Iron	54-2	190749.37	190246.69	188386.11	189794.06	0.66	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-14	Instrumnet Name :	P7
Client Sample ID :	MYDA44	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:59:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	62.36	61.95	59.54	61.29	2.49	ppb
Lead	207-1	60.23	60.46	58.82	59.84	1.49	ppb
Lead	208-1	60.23	60.49	59.70	60.14	0.67	ppb
Lithium	6-1				96		%
Magnesium	24-2	31901.99	32592.01	32488.72	32327.58	1.15	ppb
Manganese	55-2	6090.66	6087.75	5990.19	6056.20	0.94	ppb
Molybdenum	94-1	19.39	19.59	19.91	19.63	1.33	ppb
Molybdenum	95-1	1.83	1.87	1.95	1.89	3.26	ppb
Molybdenum	96-1	4.98	5.04	5.05	5.02	0.73	ppb
Molybdenum	97-1	1.80	1.88	1.84	1.84	1.96	ppb
Molybdenum	98-1	1.78	1.81	1.87	1.82	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.69	119.89	119.23	119.60	0.28	ppb
Phosphorus	31-2	1897.90	1916.40	1905.55	1906.62	0.49	ppb
Potassium	39-2	12236.55	12355.23	12232.87	12274.88	0.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				113		%
Selenium	82-1	0.50	1.16	0.78	0.81	40.84	ppb
Selenium	77-2	14.58	11.63	10.56	12.26	17.01	ppb
Selenium	78-2	2.22	1.91	3.28	2.47	29.09	ppb
Silicon	28-1	561.89	564.99	554.87	560.58	0.93	ppb
Silver	107-1	0.42	0.43	0.42	0.42	1.36	ppb
Silver	109-1	0.41	0.42	0.43	0.42	2.26	ppb
Sodium	23-2	211.56	194.97	194.73	200.42	4.81	ppb
Strontium	86-1	71.58	72.07	73.27	72.30	1.20	ppb
Strontium	88-1	72.89	73.13	74.50	73.51	1.18	ppb
Sulfur	34-1	-1907.14	-1965.85	-2052.15	-1975.05		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.25	0.25	0.25	3.45	ppb
Thallium	205-1	0.25	0.24	0.25	0.24	1.67	ppb
Tin	118-1	2.33	2.32	2.39	2.35	1.70	ppb
Titanium	47-1	947.19	925.54	938.25	936.99	1.16	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-14	Instrumnet Name :	P7
Client Sample ID :	MYDA44	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:59:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.89	0.87	0.89	1.85	ppb
Vanadium	51-2	380.97	387.40	379.92	382.76	1.06	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	284.27	286.10	280.74	283.70	0.96	ppb
Zirconium	90-1	10.70	10.79	11.11	10.87	1.97	ppb
Zirconium	91-1	10.81	11.15	11.44	11.13	2.85	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-15	Instrumnet Name :	P7
Client Sample ID :	MYDA45	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:02:56	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62551.89	61040.70	62454.96	62015.85	1.36	ppb
Antimony	121-1	1.52	1.48	1.61	1.54	4.21	ppb
Arsenic	75-2	160.83	162.40	161.06	161.43	0.52	ppb
Barium	135-1	651.22	658.71	695.06	668.33	3.51	ppb
Barium	137-1	651.17	653.67	683.42	662.75	2.71	ppb
Beryllium	9-1	1.85	1.86	1.77	1.82	2.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.37	3.15	3.66	3.40	7.58	ppb
Cadmium	106-1	5.55	4.52	5.85	5.31	13.19	ppb
Cadmium	111-1	1.73	1.60	1.78	1.70	5.46	ppb
Calcium	43-1	14325.75	14795.56	13774.32	14298.54	3.57	ppb
Calcium	44-1	13364.04	13622.49	13239.75	13408.76	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.52	132.38	133.32	133.07	0.46	ppb
Cobalt	59-2	76.05	75.66	75.69	75.80	0.29	ppb
Copper	63-2	292.81	287.28	292.70	290.93	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				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	157233.91	157044.14	156845.71	157041.25	0.12	ppb
Iron	57-2	155625.87	152700.26	152297.48	153541.20	1.18	ppb
Iron	54-2	157887.22	156864.99	157092.62	157281.61	0.34	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-15	Instrumnet Name :	P7
Client Sample ID :	MYDA45	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:02:56	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.07	61.20	60.35	60.54	0.97	ppb
Lead	207-1	60.76	63.36	58.99	61.04	3.60	ppb
Lead	208-1	59.46	61.61	59.69	60.25	1.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	35905.28	35870.80	35844.25	35873.44	0.09	ppb
Manganese	55-2	2606.43	2613.85	2590.53	2603.60	0.46	ppb
Molybdenum	94-1	40.51	40.24	40.63	40.46	0.50	ppb
Molybdenum	95-1	1.03	1.05	1.08	1.05	2.46	ppb
Molybdenum	96-1	5.93	6.05	6.23	6.07	2.50	ppb
Molybdenum	97-1	1.01	1.07	1.03	1.04	2.57	ppb
Molybdenum	98-1	0.98	1.00	1.04	1.01	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.18	132.01	132.74	132.98	0.83	ppb
Phosphorus	31-2	2510.89	2509.74	2540.57	2520.40	0.69	ppb
Potassium	39-2	10813.50	10730.97	10698.25	10747.58	0.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	0.63	0.91	0.79	0.77	18.34	ppb
Selenium	77-2	12.97	16.40	15.69	15.02	12.04	ppb
Selenium	78-2	3.62	3.76	3.50	3.63	3.55	ppb
Silicon	28-1	604.72	622.14	621.09	615.98	1.59	ppb
Silver	107-1	0.83	0.83	0.86	0.84	2.30	ppb
Silver	109-1	0.79	0.79	0.87	0.82	5.76	ppb
Sodium	23-2	156.06	151.69	154.72	154.16	1.45	ppb
Strontium	86-1	71.64	71.01	73.06	71.90	1.47	ppb
Strontium	88-1	72.79	73.27	73.31	73.12	0.40	ppb
Sulfur	34-1	-1795.16	-1784.47	-1905.43	-1828.36		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.29	0.25	0.27	7.21	ppb
Thallium	205-1	0.26	0.27	0.27	0.26	2.15	ppb
Tin	118-1	2.15	2.09	2.37	2.21	6.67	ppb
Titanium	47-1	1410.70	1443.32	1429.19	1427.74	1.15	ppb

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-15	Instrumnet Name :	P7
Client Sample ID :	MYDA45	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:02:56	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.83	0.77	0.79	4.05	ppb
Vanadium	51-2	404.69	405.21	406.35	405.42	0.21	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	262.44	260.52	260.28	261.08	0.45	ppb
Zirconium	90-1	23.21	23.42	24.33	23.66	2.51	ppb
Zirconium	91-1	22.86	22.98	24.32	23.38	3.47	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-16	Instrumnet Name :	P7
Client Sample ID :	MYDA46	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:06:02	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52259.30	51761.99	50702.06	51574.45	1.54	ppb
Antimony	121-1	1.50	1.49	1.56	1.51	2.40	ppb
Arsenic	75-2	175.33	170.75	172.22	172.77	1.35	ppb
Barium	135-1	542.94	538.67	546.68	542.76	0.74	ppb
Barium	137-1	536.86	532.10	551.94	540.30	1.92	ppb
Beryllium	9-1	1.71	1.64	1.67	1.67	1.90	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	2.44	2.88	2.54	12.13	ppb
Cadmium	106-1	4.51	3.49	3.85	3.95	13.07	ppb
Cadmium	111-1	1.57	1.45	1.49	1.50	3.81	ppb
Calcium	43-1	10458.40	10340.30	10571.74	10456.81	1.11	ppb
Calcium	44-1	9853.51	9907.44	9923.44	9894.80	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.75	129.05	127.89	128.57	0.47	ppb
Cobalt	59-2	69.82	69.87	68.78	69.49	0.89	ppb
Copper	63-2	264.51	262.68	264.52	263.90	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	151759.37	151958.22	149607.06	151108.22	0.86	ppb
Iron	57-2	149346.84	150417.24	147329.76	149031.28	1.05	ppb
Iron	54-2	150432.64	152951.14	148108.01	150497.26	1.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-16	Instrumnet Name :	P7
Client Sample ID :	MYDA46	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:06:02	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.73	50.20	52.85	51.59	2.58	ppb
Lead	207-1	49.39	48.12	52.49	50.00	4.50	ppb
Lead	208-1	49.33	48.60	51.90	49.94	3.47	ppb
Lithium	6-1				93		%
Magnesium	24-2	31487.64	31572.60	30883.21	31314.48	1.20	ppb
Manganese	55-2	2554.17	2592.04	2557.63	2567.95	0.82	ppb
Molybdenum	94-1	28.69	29.26	29.32	29.09	1.19	ppb
Molybdenum	95-1	1.14	1.16	1.12	1.14	1.72	ppb
Molybdenum	96-1	5.12	5.25	4.91	5.09	3.36	ppb
Molybdenum	97-1	1.09	1.15	1.17	1.14	3.65	ppb
Molybdenum	98-1	1.12	1.11	1.08	1.10	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.91	120.59	118.24	119.91	1.22	ppb
Phosphorus	31-2	2643.11	2669.96	2642.83	2651.97	0.59	ppb
Potassium	39-2	8619.58	8826.66	8622.16	8689.47	1.37	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	82-1	0.91	0.98	0.72	0.87	15.93	ppb
Selenium	77-2	15.73	12.07	16.13	14.64	15.26	ppb
Selenium	78-2	3.09	3.26	2.94	3.10	5.22	ppb
Silicon	28-1	604.90	613.81	602.02	606.91	1.01	ppb
Silver	107-1	0.27	0.26	0.26	0.26	1.85	ppb
Silver	109-1	0.25	0.24	0.23	0.24	5.26	ppb
Sodium	23-2	155.65	158.22	155.65	156.51	0.95	ppb
Strontium	86-1	62.68	63.38	62.81	62.96	0.59	ppb
Strontium	88-1	62.41	63.41	64.12	63.31	1.36	ppb
Sulfur	34-1	-1746.64	-1819.74	-1761.80	-1776.06		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.24	0.26	0.25	6.32	ppb
Thallium	205-1	0.23	0.23	0.24	0.23	2.74	ppb
Tin	118-1	2.26	2.29	2.24	2.26	1.29	ppb
Titanium	47-1	1212.99	1240.29	1206.16	1219.81	1.48	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-16	Instrumnet Name :	P7
Client Sample ID :	MYDA46	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:06:02	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.81	0.86	0.83	3.71	ppb
Vanadium	51-2	382.89	381.39	381.13	381.80	0.25	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	249.38	250.49	245.73	248.53	1.00	ppb
Zirconium	90-1	16.86	17.02	16.71	16.86	0.93	ppb
Zirconium	91-1	17.41	17.63	16.66	17.23	2.94	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-17	Instrumnet Name :	P7
Client Sample ID :	MYDA47	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:09:07	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55169.53	55312.48	55051.35	55177.79	0.24	ppb
Antimony	121-1	2.37	2.46	2.47	2.43	2.13	ppb
Arsenic	75-2	194.80	193.40	194.27	194.16	0.36	ppb
Barium	135-1	849.10	880.78	856.79	862.23	1.92	ppb
Barium	137-1	842.22	856.08	857.72	852.01	1.00	ppb
Beryllium	9-1	2.04	1.95	2.09	2.02	3.35	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.19	2.94	3.33	3.15	6.33	ppb
Cadmium	106-1	4.69	3.97	4.63	4.43	9.13	ppb
Cadmium	111-1	2.27	2.21	2.24	2.24	1.26	ppb
Calcium	43-1	14839.46	15316.86	15137.54	15097.95	1.60	ppb
Calcium	44-1	13947.31	14221.21	14119.81	14096.11	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172.58	173.90	173.30	173.26	0.38	ppb
Cobalt	59-2	86.18	86.59	86.47	86.41	0.24	ppb
Copper	63-2	307.27	305.26	312.15	308.23	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				108		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	181474.36	181990.54	181237.16	181567.35	0.21	ppb
Iron	57-2	176130.90	175874.37	177180.29	176395.19	0.39	ppb
Iron	54-2	182226.04	180758.57	182710.69	181898.43	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-17	Instrumnet Name :	P7
Client Sample ID :	MYDA47	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:09:07	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.62	87.96	88.23	87.60	0.99	ppb
Lead	207-1	85.27	87.75	87.59	86.87	1.60	ppb
Lead	208-1	84.28	87.27	86.67	86.08	1.84	ppb
Lithium	6-1				93		%
Magnesium	24-2	31727.89	32169.42	32221.79	32039.70	0.85	ppb
Manganese	55-2	6663.13	6565.87	6729.20	6652.74	1.23	ppb
Molybdenum	94-1	20.82	21.01	20.76	20.86	0.62	ppb
Molybdenum	95-1	2.18	2.19	2.20	2.19	0.57	ppb
Molybdenum	96-1	5.32	5.33	5.19	5.28	1.45	ppb
Molybdenum	97-1	2.05	2.15	2.12	2.11	2.34	ppb
Molybdenum	98-1	2.06	2.04	2.06	2.05	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	145.72	145.83	147.12	146.22	0.53	ppb
Phosphorus	31-2	3170.20	3182.91	3156.24	3169.78	0.42	ppb
Potassium	39-2	13066.90	13166.08	13207.30	13146.76	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	82-1	1.25	0.62	0.97	0.95	33.38	ppb
Selenium	77-2	20.09	20.44	20.86	20.46	1.88	ppb
Selenium	78-2	4.27	2.38	3.99	3.55	28.73	ppb
Silicon	28-1	625.78	631.05	623.38	626.73	0.63	ppb
Silver	107-1	0.45	0.45	0.44	0.45	1.15	ppb
Silver	109-1	0.46	0.46	0.47	0.46	1.69	ppb
Sodium	23-2	221.67	220.05	224.16	221.96	0.93	ppb
Strontium	86-1	104.69	105.75	104.61	105.02	0.60	ppb
Strontium	88-1	102.95	105.60	105.03	104.53	1.33	ppb
Sulfur	34-1	-1653.34	-1674.97	-1681.93	-1670.08		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.37	0.38	0.37	0.37	2.36	ppb
Thallium	205-1	0.37	0.39	0.37	0.38	2.54	ppb
Tin	118-1	2.51	2.49	2.54	2.51	0.99	ppb
Titanium	47-1	1288.00	1295.83	1298.22	1294.01	0.41	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-17	Instrumnet Name :	P7
Client Sample ID :	MYDA47	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:09:07	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.24	1.22	1.21	3.18	ppb
Vanadium	51-2	372.43	369.56	372.02	371.34	0.42	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	336.65	338.37	335.62	336.88	0.41	ppb
Zirconium	90-1	11.29	11.38	11.38	11.35	0.47	ppb
Zirconium	91-1	11.48	11.57	11.59	11.54	0.49	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-18	Instrumnet Name :	P7
Client Sample ID :	MYDA48	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:12:14	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45361.06	46537.23	45962.20	45953.50	1.28	ppb
Antimony	121-1	3.95	3.91	4.21	4.02	4.01	ppb
Arsenic	75-2	167.58	169.70	167.13	168.13	0.82	ppb
Barium	135-1	623.03	635.61	646.49	635.05	1.85	ppb
Barium	137-1	619.04	601.84	650.87	623.92	3.99	ppb
Beryllium	9-1	1.66	1.77	1.51	1.65	7.96	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.42	2.83	3.47	3.24	10.94	ppb
Cadmium	106-1	4.14	2.78	4.17	3.70	21.45	ppb
Cadmium	111-1	1.87	1.96	1.97	1.93	2.83	ppb
Calcium	43-1	9127.41	9524.63	8879.07	9177.04	3.55	ppb
Calcium	44-1	8608.11	8676.77	8698.78	8661.22	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155.73	157.84	157.45	157.01	0.71	ppb
Cobalt	59-2	77.37	77.76	78.16	77.76	0.50	ppb
Copper	63-2	298.66	304.38	307.59	303.54	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				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	154422.80	156127.64	157926.38	156158.94	1.12	ppb
Iron	57-2	152662.48	153349.87	154629.91	153547.42	0.65	ppb
Iron	54-2	156277.28	155476.68	157526.80	156426.92	0.66	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-18	Instrumnet Name :	P7
Client Sample ID :	MYDA48	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:12:14	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	69.86	71.43	71.47	70.92	1.30	ppb
Lead	207-1	68.70	74.96	71.55	71.74	4.37	ppb
Lead	208-1	68.63	72.77	72.65	71.35	3.30	ppb
Lithium	6-1				95		%
Magnesium	24-2	24548.85	24985.54	24694.94	24743.11	0.90	ppb
Manganese	55-2	5637.70	5601.64	5673.45	5637.60	0.64	ppb
Molybdenum	94-1	27.23	26.45	27.67	27.11	2.27	ppb
Molybdenum	95-1	1.95	1.79	2.05	1.93	6.81	ppb
Molybdenum	96-1	5.68	5.30	5.66	5.55	3.83	ppb
Molybdenum	97-1	1.87	1.79	1.92	1.86	3.67	ppb
Molybdenum	98-1	1.85	1.76	1.95	1.85	4.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.76	115.98	114.62	115.12	0.65	ppb
Phosphorus	31-2	2429.86	2420.46	2423.91	2424.74	0.20	ppb
Potassium	39-2	11962.03	12121.91	12117.39	12067.11	0.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	0.61	0.80	0.99	0.80	23.66	ppb
Selenium	77-2	14.04	15.20	15.59	14.95	5.38	ppb
Selenium	78-2	3.66	3.56	3.36	3.53	4.37	ppb
Silicon	28-1	639.23	625.99	609.20	624.81	2.41	ppb
Silver	107-1	0.57	0.58	0.59	0.58	1.66	ppb
Silver	109-1	0.56	0.54	0.59	0.56	4.08	ppb
Sodium	23-2	170.30	173.63	173.83	172.59	1.15	ppb
Strontium	86-1	87.10	82.99	90.08	86.72	4.11	ppb
Strontium	88-1	87.39	88.41	89.08	88.29	0.97	ppb
Sulfur	34-1	-1848.23	-1830.12	-1971.03	-1883.13		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.33	0.35	0.35	0.34	4.19	ppb
Thallium	205-1	0.32	0.34	0.36	0.34	5.56	ppb
Tin	118-1	3.12	2.89	3.26	3.09	6.10	ppb
Titanium	47-1	1068.17	1084.38	1070.93	1074.49	0.81	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-18	Instrumnet Name :	P7
Client Sample ID :	MYDA48	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:12:14	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.18	1.09	1.10	6.25	ppb
Vanadium	51-2	297.62	306.04	306.03	303.23	1.60	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	275.79	279.29	277.46	277.52	0.63	ppb
Zirconium	90-1	15.23	14.75	15.88	15.29	3.69	ppb
Zirconium	91-1	15.71	14.73	16.08	15.51	4.51	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-19	Instrumnet Name :	P7
Client Sample ID :	MYDA49	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:15:19	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47544.16	47956.27	47425.99	47642.14	0.58	ppb
Antimony	121-1	2.35	2.49	2.37	2.41	3.20	ppb
Arsenic	75-2	179.15	181.79	180.00	180.31	0.75	ppb
Barium	135-1	422.00	438.41	431.83	430.75	1.92	ppb
Barium	137-1	438.58	461.86	447.41	449.28	2.62	ppb
Beryllium	9-1	1.43	1.45	1.47	1.45	1.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.54	1.89	1.75	1.73	10.34	ppb
Cadmium	106-1	1.69	2.51	1.70	1.97	23.76	ppb
Cadmium	111-1	0.97	1.05	1.01	1.01	4.08	ppb
Calcium	43-1	9170.49	9161.35	9164.44	9165.43	0.05	ppb
Calcium	44-1	8660.67	8657.09	8686.56	8668.11	0.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163.92	165.73	165.60	165.08	0.61	ppb
Cobalt	59-2	68.97	69.36	69.86	69.40	0.64	ppb
Copper	63-2	210.56	210.11	206.94	209.20	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	151655.09	151889.37	152341.64	151962.03	0.23	ppb
Iron	57-2	148292.76	148739.17	149069.52	148700.48	0.26	ppb
Iron	54-2	151031.03	153276.94	149768.30	151358.76	1.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-19	Instrumnet Name :	P7
Client Sample ID :	MYDA49	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:15:19	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.21	46.37	45.38	45.65	1.37	ppb
Lead	207-1	45.76	46.16	46.10	46.01	0.46	ppb
Lead	208-1	45.14	46.18	45.41	45.58	1.18	ppb
Lithium	6-1				90		%
Magnesium	24-2	28614.11	28833.62	28489.69	28645.81	0.61	ppb
Manganese	55-2	4757.30	4819.21	4790.95	4789.15	0.65	ppb
Molybdenum	94-1	13.86	14.10	14.00	13.99	0.84	ppb
Molybdenum	95-1	2.03	2.02	2.09	2.05	1.85	ppb
Molybdenum	96-1	4.14	4.24	4.30	4.23	1.91	ppb
Molybdenum	97-1	1.96	2.03	2.06	2.02	2.49	ppb
Molybdenum	98-1	1.99	2.00	2.04	2.01	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.29	113.85	113.22	113.45	0.31	ppb
Phosphorus	31-2	1976.18	2006.50	1987.64	1990.11	0.77	ppb
Potassium	39-2	11733.22	11893.74	11729.62	11785.53	0.80	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	0.76	0.54	1.26	0.85	42.81	ppb
Selenium	77-2	13.27	14.64	10.02	12.64	18.78	ppb
Selenium	78-2	3.25	2.25	2.15	2.55	23.82	ppb
Silicon	28-1	485.60	488.78	490.05	488.14	0.47	ppb
Silver	107-1	0.24	0.26	0.25	0.25	2.98	ppb
Silver	109-1	0.24	0.24	0.24	0.24	0.38	ppb
Sodium	23-2	160.82	165.02	164.77	163.54	1.44	ppb
Strontium	86-1	73.49	74.15	74.73	74.12	0.83	ppb
Strontium	88-1	75.23	75.90	74.61	75.24	0.86	ppb
Sulfur	34-1	-1845.95	-1888.21	-1923.24	-1885.80		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.25	0.24	0.26	0.25	3.07	ppb
Thallium	205-1	0.26	0.25	0.26	0.25	2.55	ppb
Tin	118-1	2.04	2.14	2.12	2.10	2.52	ppb
Titanium	47-1	852.82	842.26	840.61	845.23	0.78	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-19	Instrumnet Name :	P7
Client Sample ID :	MYDA49	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:15:19	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.96	0.95	0.95	1.38	ppb
Vanadium	51-2	307.16	312.30	310.64	310.04	0.85	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	249.18	252.29	251.13	250.87	0.63	ppb
Zirconium	90-1	7.28	7.38	7.44	7.37	1.09	ppb
Zirconium	91-1	7.33	7.49	7.63	7.48	2.01	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-20	Instrumnet Name :	P7
Client Sample ID :	MYDA50	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:18:27	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40455.80	40370.57	40929.21	40585.19	0.74	ppb
Antimony	121-1	1.86	1.91	1.92	1.90	1.52	ppb
Arsenic	75-2	134.59	129.09	130.89	131.52	2.13	ppb
Barium	135-1	512.41	535.12	530.42	525.98	2.28	ppb
Barium	137-1	523.20	518.78	522.97	521.65	0.48	ppb
Beryllium	9-1	1.39	1.42	1.37	1.39	1.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.57	1.97	2.02	1.85	13.43	ppb
Cadmium	106-1	2.43	2.43	1.66	2.17	20.55	ppb
Cadmium	111-1	1.26	1.16	1.15	1.19	5.01	ppb
Calcium	43-1	15610.78	15734.41	15090.88	15478.69	2.21	ppb
Calcium	44-1	14488.89	14430.98	14563.08	14494.32	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	139.76	140.16	140.05	139.99	0.15	ppb
Cobalt	59-2	59.85	60.11	60.24	60.07	0.33	ppb
Copper	63-2	193.30	194.44	193.12	193.62	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	135122.86	137308.18	137446.99	136626.01	0.95	ppb
Iron	57-2	131013.76	134443.75	133541.55	132999.69	1.34	ppb
Iron	54-2	135355.74	136452.57	133712.42	135173.58	1.02	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-20	Instrumnet Name :	P7
Client Sample ID :	MYDA50	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:18:27	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.77	44.33	42.90	43.67	1.65	ppb
Lead	207-1	44.27	45.84	42.72	44.28	3.52	ppb
Lead	208-1	43.91	44.48	43.30	43.90	1.34	ppb
Lithium	6-1				91		%
Magnesium	24-2	23967.85	23817.20	24227.50	24004.18	0.86	ppb
Manganese	55-2	4250.33	4311.98	4273.81	4278.71	0.73	ppb
Molybdenum	94-1	15.08	15.07	15.41	15.19	1.27	ppb
Molybdenum	95-1	1.69	1.66	1.74	1.70	2.28	ppb
Molybdenum	96-1	3.83	3.78	3.93	3.85	1.99	ppb
Molybdenum	97-1	1.63	1.68	1.67	1.66	1.63	ppb
Molybdenum	98-1	1.61	1.57	1.68	1.62	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.90	101.27	100.97	100.71	0.71	ppb
Phosphorus	31-2	3123.87	3118.29	3126.84	3123.00	0.14	ppb
Potassium	39-2	10809.41	10857.46	10738.36	10801.75	0.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	0.57	0.45	0.41	0.48	17.59	ppb
Selenium	77-2	12.78	11.45	12.27	12.16	5.51	ppb
Selenium	78-2	2.85	1.98	2.14	2.32	19.92	ppb
Silicon	28-1	534.61	538.28	540.90	537.93	0.59	ppb
Silver	107-1	0.29	0.32	0.30	0.30	4.39	ppb
Silver	109-1	0.29	0.30	0.30	0.30	3.21	ppb
Sodium	23-2	193.69	195.85	194.20	194.58	0.58	ppb
Strontium	86-1	122.52	121.71	127.02	123.75	2.31	ppb
Strontium	88-1	124.21	126.56	128.30	126.36	1.62	ppb
Sulfur	34-1	-1482.33	-1502.25	-1662.86	-1549.15		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.25	0.29	0.25	0.26	7.11	ppb
Thallium	205-1	0.26	0.27	0.27	0.27	1.65	ppb
Tin	118-1	2.09	2.12	2.21	2.14	2.92	ppb
Titanium	47-1	877.02	890.25	879.86	882.38	0.79	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-20	Instrumnet Name :	P7
Client Sample ID :	MYDA50	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:18:27	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.81	0.77	0.79	2.73	ppb
Vanadium	51-2	282.63	283.84	285.60	284.02	0.53	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	237.37	237.94	237.83	237.71	0.13	ppb
Zirconium	90-1	8.29	8.13	8.54	8.32	2.46	ppb
Zirconium	91-1	8.11	8.05	8.45	8.20	2.61	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-21	Instrumnet Name :	P7
Client Sample ID :	MYDA51	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:21:33	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44820.49	44621.56	44186.24	44542.76	0.73	ppb
Antimony	121-1	1.63	1.66	1.67	1.65	1.20	ppb
Arsenic	75-2	157.17	155.11	156.40	156.23	0.67	ppb
Barium	135-1	568.53	605.33	593.04	588.97	3.18	ppb
Barium	137-1	568.67	610.78	594.22	591.22	3.59	ppb
Beryllium	9-1	1.54	1.54	1.56	1.55	0.74	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.81	1.91	1.91	1.88	3.06	ppb
Cadmium	106-1	2.20	2.77	2.40	2.46	11.79	ppb
Cadmium	111-1	1.02	1.08	1.06	1.05	2.72	ppb
Calcium	43-1	13585.06	13413.98	13180.34	13393.13	1.52	ppb
Calcium	44-1	12534.76	12891.35	12583.77	12669.96	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	141.61	140.61	140.35	140.86	0.47	ppb
Cobalt	59-2	68.47	67.51	67.89	67.96	0.71	ppb
Copper	63-2	190.61	190.10	188.95	189.89	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				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	129931.66	127861.51	129780.02	129191.06	0.89	ppb
Iron	57-2	126061.47	125057.37	125530.29	125549.71	0.40	ppb
Iron	54-2	128550.29	127361.79	126886.04	127599.37	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-21	Instrumnet Name :	P7
Client Sample ID :	MYDA51	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:21:33	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.40	38.74	37.01	37.72	2.41	ppb
Lead	207-1	37.93	38.36	36.42	37.57	2.70	ppb
Lead	208-1	37.28	38.99	37.06	37.77	2.81	ppb
Lithium	6-1				90		%
Magnesium	24-2	24901.40	24706.83	24446.29	24684.84	0.93	ppb
Manganese	55-2	4182.35	4144.47	4153.67	4160.16	0.47	ppb
Molybdenum	94-1	14.90	15.03	15.35	15.10	1.53	ppb
Molybdenum	95-1	1.51	1.62	1.63	1.59	4.04	ppb
Molybdenum	96-1	3.61	3.71	3.91	3.74	4.02	ppb
Molybdenum	97-1	1.54	1.51	1.57	1.54	1.88	ppb
Molybdenum	98-1	1.43	1.49	1.50	1.47	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.85	113.25	112.35	113.48	1.12	ppb
Phosphorus	31-2	2497.63	2487.21	2493.32	2492.72	0.21	ppb
Potassium	39-2	11062.05	10929.03	10809.31	10933.47	1.16	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	0.56	0.25	1.31	0.71	77.39	ppb
Selenium	77-2	15.90	13.68	12.71	14.10	11.59	ppb
Selenium	78-2	4.17	3.98	2.05	3.40	34.57	ppb
Silicon	28-1	549.23	545.23	554.62	549.69	0.86	ppb
Silver	107-1	0.26	0.25	0.26	0.26	0.98	ppb
Silver	109-1	0.24	0.25	0.25	0.25	2.50	ppb
Sodium	23-2	179.43	179.00	178.06	178.83	0.39	ppb
Strontium	86-1	103.12	104.37	108.49	105.33	2.67	ppb
Strontium	88-1	106.22	104.31	106.98	105.84	1.30	ppb
Sulfur	34-1	-1507.23	-1636.02	-1659.66	-1600.97		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.32	0.32	0.31	0.32	1.79	ppb
Thallium	205-1	0.31	0.33	0.32	0.32	3.58	ppb
Tin	118-1	2.09	2.19	2.30	2.19	4.62	ppb
Titanium	47-1	1062.92	1076.45	1081.40	1073.59	0.89	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-21	Instrumnet Name :	P7
Client Sample ID :	MYDA51	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:21:33	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.03	0.95	0.99	3.81	ppb
Vanadium	51-2	277.08	273.72	275.55	275.45	0.61	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	235.94	234.21	232.07	234.08	0.83	ppb
Zirconium	90-1	8.04	8.45	8.68	8.39	3.89	ppb
Zirconium	91-1	7.90	8.16	8.57	8.21	4.11	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-22	Instrumnet Name :	P7
Client Sample ID :	MYDA52	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:24:41	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55125.79	55480.27	55208.71	55271.59	0.34	ppb
Antimony	121-1	2.84	2.97	3.01	2.94	3.05	ppb
Arsenic	75-2	215.48	212.45	214.33	214.09	0.71	ppb
Barium	135-1	801.38	857.73	852.25	837.12	3.71	ppb
Barium	137-1	797.76	851.54	842.81	830.70	3.47	ppb
Beryllium	9-1	2.02	1.93	2.14	2.03	5.15	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.38	3.88	3.64	3.63	6.91	ppb
Cadmium	106-1	4.02	4.34	4.81	4.39	9.06	ppb
Cadmium	111-1	2.07	2.31	2.23	2.20	5.38	ppb
Calcium	43-1	10702.36	10942.41	11193.05	10945.94	2.24	ppb
Calcium	44-1	10036.51	10532.30	10438.47	10335.76	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	183.83	189.88	187.21	186.97	1.62	ppb
Cobalt	59-2	89.26	88.54	87.57	88.46	0.96	ppb
Copper	63-2	311.74	314.52	311.32	312.53	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	203260.44	203343.80	200415.12	202339.79	0.82	ppb
Iron	57-2	198154.36	197924.65	195605.99	197228.34	0.71	ppb
Iron	54-2	203662.29	199841.56	200668.64	201390.83	1.00	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-22	Instrumnet Name :	P7
Client Sample ID :	MYDA52	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:24:41	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	71.77	73.34	75.19	73.43	2.33	ppb
Lead	207-1	70.04	73.75	73.55	72.44	2.88	ppb
Lead	208-1	70.13	74.28	73.41	72.61	3.01	ppb
Lithium	6-1				89		%
Magnesium	24-2	31384.91	31337.78	31307.95	31343.55	0.12	ppb
Manganese	55-2	7249.14	7225.81	7231.01	7235.32	0.17	ppb
Molybdenum	94-1	31.52	31.68	32.40	31.87	1.48	ppb
Molybdenum	95-1	2.69	2.87	2.82	2.79	3.23	ppb
Molybdenum	96-1	7.09	7.12	7.35	7.19	1.94	ppb
Molybdenum	97-1	2.68	2.77	2.68	2.71	1.99	ppb
Molybdenum	98-1	2.59	2.73	2.72	2.68	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	145.72	145.99	144.23	145.31	0.65	ppb
Phosphorus	31-2	3057.20	2969.99	3010.85	3012.68	1.45	ppb
Potassium	39-2	13719.83	13707.64	13676.87	13701.45	0.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	1.05	1.00	1.24	1.10	11.58	ppb
Selenium	77-2	19.59	19.73	17.35	18.89	7.06	ppb
Selenium	78-2	4.51	4.14	3.99	4.21	6.35	ppb
Silicon	28-1	407.42	409.91	421.90	413.07	1.87	ppb
Silver	107-1	0.46	0.49	0.49	0.48	3.74	ppb
Silver	109-1	0.46	0.46	0.47	0.46	1.27	ppb
Sodium	23-2	212.41	209.72	211.67	211.26	0.66	ppb
Strontium	86-1	92.48	91.97	94.43	92.96	1.40	ppb
Strontium	88-1	89.62	93.28	94.79	92.56	2.87	ppb
Sulfur	34-1	-1937.43	-1847.19	-1696.96	-1827.19		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.34	0.38	0.35	0.36	5.01	ppb
Thallium	205-1	0.35	0.38	0.37	0.37	4.96	ppb
Tin	118-1	2.50	2.61	2.71	2.60	4.07	ppb
Titanium	47-1	1115.76	1159.67	1167.97	1147.80	2.44	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-22	Instrumnet Name :	P7
Client Sample ID :	MYDA52	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:24:41	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.26	1.24	1.23	3.13	ppb
Vanadium	51-2	394.27	394.10	390.84	393.07	0.49	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	352.28	349.06	350.32	350.55	0.46	ppb
Zirconium	90-1	17.47	18.02	17.83	17.77	1.56	ppb
Zirconium	91-1	17.71	18.03	18.12	17.95	1.20	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:27:46	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.48	2.10	1.96	2.18	12.28	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	141.78	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	13.47	ppb
Barium	135-1	0.05	0.04	0.03	0.04	32.23	ppb
Barium	137-1	0.04	0.02	0.03	0.03	49.29	ppb
Beryllium	9-1	0.00	-0.01	0.00	-0.01		ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	-0.05	-0.07	-0.06		ppb
Cadmium	106-1	-0.34	-0.72	-0.84	-0.63		ppb
Cadmium	111-1	-0.03	-0.06	-0.06	-0.05		ppb
Calcium	43-1	-2.62	-2.83	-5.04	-3.50		ppb
Calcium	44-1	-3.47	-5.54	-4.38	-4.46		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.06	0.03	0.05	39.22	ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.01	-0.01	-0.01	-0.01		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				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	7.72	7.16	6.75	7.21	6.75	ppb
Iron	57-2	7.09	5.45	5.69	6.08	14.61	ppb
Iron	54-2	6.30	6.73	5.49	6.17	10.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:27:46	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.07	0.06	16.56	ppb
Lead	207-1	0.07	0.04	0.06	0.05	25.97	ppb
Lead	208-1	0.06	0.06	0.06	0.06	7.71	ppb
Lithium	6-1				92		%
Magnesium	24-2	1.07	1.18	1.03	1.10	7.13	ppb
Manganese	55-2	0.39	0.31	0.31	0.34	14.35	ppb
Molybdenum	94-1	-0.02	-0.04	-0.03	-0.03		ppb
Molybdenum	95-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.05	0.05	0.04	35.08	ppb
Phosphorus	31-2	-16.77	-10.53	-15.24	-14.18		ppb
Potassium	39-2	2.61	3.02	4.06	3.23	23.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.20	0.10	0.20	0.03	628.12	ppb
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.05	0.89	-0.30	0.18	352.69	ppb
Silicon	28-1	-0.49	-0.48	-0.45	-0.47		ppb
Silver	107-1	0.00	0.00	0.00	0.00	152.03	ppb
Silver	109-1	0.00	0.00	0.00	0.00	82.95	ppb
Sodium	23-2	23.75	22.77	22.17	22.90	3.47	ppb
Strontium	86-1	-0.03	-0.04	-0.02	-0.03		ppb
Strontium	88-1	-0.03	-0.03	-0.03	-0.03		ppb
Sulfur	34-1	-1542.38	-1571.47	-1535.20	-1549.68		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.05	0.07	0.05	0.06	17.00	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:27:46	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	21.33	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	-0.05	-0.02	-0.06	-0.04		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.02	-0.02	-0.02		ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:31:07	DataFile Name :	080LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.49	37.35	36.20	36.68	1.63	ppb
Antimony	121-1	3.56	3.54	3.57	3.56	0.47	ppb
Arsenic	75-2	1.83	1.83	2.06	1.91	7.07	ppb
Barium	135-1	16.42	16.50	16.88	16.60	1.48	ppb
Barium	137-1	16.54	16.43	16.68	16.55	0.76	ppb
Beryllium	9-1	1.93	2.02	2.07	2.01	3.57	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.35	1.99	2.32	2.22	9.01	ppb
Cadmium	106-1	1.71	1.52	2.57	1.93	28.79	ppb
Cadmium	111-1	2.42	2.48	2.48	2.46	1.43	ppb
Calcium	43-1	844.98	851.00	859.33	851.77	0.85	ppb
Calcium	44-1	858.69	866.34	860.77	861.93	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.07	4.09	4.16	4.11	1.16	ppb
Cobalt	59-2	1.82	1.83	1.85	1.83	0.71	ppb
Copper	63-2	3.66	3.74	3.69	3.70	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				104		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	379.50	371.70	372.84	374.68	1.12	ppb
Iron	57-2	387.73	389.87	397.38	391.66	1.29	ppb
Iron	54-2	396.34	395.97	397.30	396.54	0.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:31:07	DataFile Name :	080LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.67	1.63	1.56	1.62	3.29	ppb
Lead	207-1	1.67	1.58	1.59	1.62	2.99	ppb
Lead	208-1	1.65	1.61	1.62	1.63	1.01	ppb
Lithium	6-1				91		%
Magnesium	24-2	983.32	976.18	977.06	978.85	0.40	ppb
Manganese	55-2	2.12	2.00	2.06	2.06	3.07	ppb
Molybdenum	94-1	9.39	9.52	9.29	9.40	1.18	ppb
Molybdenum	95-1	7.83	7.89	7.92	7.88	0.57	ppb
Molybdenum	96-1	8.03	8.13	8.02	8.06	0.75	ppb
Molybdenum	97-1	7.80	7.91	7.72	7.81	1.22	ppb
Molybdenum	98-1	7.82	8.01	7.82	7.88	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.90	1.96	1.92	1.85	ppb
Phosphorus	31-2	-13.19	-10.45	-13.32	-12.32		ppb
Potassium	39-2	922.20	919.28	920.60	920.69	0.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	9.33	9.57	9.29	9.40	1.62	ppb
Selenium	77-2	9.04	8.24	12.70	9.99	23.78	ppb
Selenium	78-2	10.02	7.86	9.19	9.02	12.04	ppb
Silicon	28-1	2.23	2.16	2.25	2.21	2.34	ppb
Silver	107-1	1.77	1.77	1.78	1.77	0.34	ppb
Silver	109-1	1.76	1.73	1.75	1.75	0.89	ppb
Sodium	23-2	946.63	946.84	939.54	944.34	0.44	ppb
Strontium	86-1	1.72	1.81	1.75	1.76	2.55	ppb
Strontium	88-1	1.71	1.77	1.74	1.74	1.66	ppb
Sulfur	34-1	-1332.61	-1303.14	-1241.72	-1292.49		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.56	1.49	1.53	1.53	2.29	ppb
Thallium	205-1	1.54	1.53	1.49	1.52	1.54	ppb
Tin	118-1	-0.05	-0.02	-0.02	-0.03		ppb
Titanium	47-1	7.85	8.17	7.90	7.97	2.13	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:31:07	DataFile Name :	080LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.49	1.46	1.45	1.47	1.54	ppb
Vanadium	51-2	8.99	8.98	8.87	8.95	0.70	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	9.79	9.83	9.58	9.74	1.39	ppb
Zirconium	90-1	1.77	1.79	1.77	1.78	0.51	ppb
Zirconium	91-1	1.64	1.76	1.76	1.72	4.03	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:34:25	DataFile Name :	081LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.79	21.58	21.39	21.59	0.94	ppb
Antimony	121-1	2.05	2.11	2.13	2.10	1.86	ppb
Arsenic	75-2	1.14	1.05	1.15	1.11	4.96	ppb
Barium	135-1	9.70	9.70	9.91	9.77	1.26	ppb
Barium	137-1	9.82	9.74	9.76	9.77	0.39	ppb
Beryllium	9-1	1.13	1.14	1.04	1.10	5.03	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.09	1.38	1.40	1.29	13.37	ppb
Cadmium	106-1	1.54	0.70	0.70	0.98	49.79	ppb
Cadmium	111-1	1.27	1.25	1.22	1.24	1.93	ppb
Calcium	43-1	514.94	524.05	517.21	518.73	0.91	ppb
Calcium	44-1	518.56	525.56	520.60	521.57	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.43	2.39	2.37	2.40	1.17	ppb
Cobalt	59-2	1.09	1.07	1.06	1.07	1.62	ppb
Copper	63-2	2.37	2.37	2.27	2.34	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	231.53	232.67	228.58	230.92	0.91	ppb
Iron	57-2	227.73	227.48	224.80	226.67	0.72	ppb
Iron	54-2	229.47	231.15	231.21	230.61	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:34:25	DataFile Name :	081LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.96	0.95	0.95	0.59	ppb
Lead	207-1	0.93	0.96	0.97	0.95	1.86	ppb
Lead	208-1	0.96	0.96	0.97	0.96	0.32	ppb
Lithium	6-1				94		%
Magnesium	24-2	565.99	567.43	568.18	567.20	0.20	ppb
Manganese	55-2	1.26	1.26	1.16	1.22	4.44	ppb
Molybdenum	94-1	5.31	5.43	5.59	5.44	2.56	ppb
Molybdenum	95-1	4.46	4.52	4.76	4.58	3.48	ppb
Molybdenum	96-1	4.50	4.65	4.70	4.62	2.30	ppb
Molybdenum	97-1	4.41	4.62	4.55	4.53	2.41	ppb
Molybdenum	98-1	4.52	4.57	4.66	4.58	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.13	1.05	1.12	5.75	ppb
Phosphorus	31-2	-13.04	-11.71	-10.09	-11.61		ppb
Potassium	39-2	535.76	544.75	538.22	539.58	0.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	5.75	5.69	5.50	5.65	2.31	ppb
Selenium	77-2	5.51	5.16	5.42	5.37	3.39	ppb
Selenium	78-2	5.49	4.61	4.87	4.99	9.07	ppb
Silicon	28-1	1.08	1.18	1.16	1.14	4.69	ppb
Silver	107-1	1.00	0.99	1.03	1.01	2.11	ppb
Silver	109-1	1.04	1.03	1.00	1.02	2.24	ppb
Sodium	23-2	562.60	561.03	552.79	558.81	0.94	ppb
Strontium	86-1	0.97	1.06	1.06	1.03	5.05	ppb
Strontium	88-1	1.01	1.02	1.03	1.02	1.09	ppb
Sulfur	34-1	-1101.60	-1031.04	-1070.08	-1067.57		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.88	0.89	0.89	0.89	1.08	ppb
Thallium	205-1	0.86	0.90	0.90	0.89	2.32	ppb
Tin	118-1	0.04	0.05	0.05	0.05	12.66	ppb
Titanium	47-1	4.71	4.63	4.62	4.65	1.11	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:34:25	DataFile Name :	081LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.88	0.84	0.85	2.54	ppb
Vanadium	51-2	5.11	5.19	5.24	5.18	1.30	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	7.29	7.36	7.15	7.27	1.53	ppb
Zirconium	90-1	0.96	1.00	1.00	0.99	2.55	ppb
Zirconium	91-1	0.97	1.02	0.97	0.99	2.93	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-01	Instrumnet Name :	P7
Client Sample ID :	MYDA53	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:37:46	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48134.55	47257.42	47234.66	47542.21	1.08	ppb
Antimony	121-1	1.44	1.41	1.43	1.42	1.06	ppb
Arsenic	75-2	168.00	164.76	167.07	166.61	1.00	ppb
Barium	135-1	493.32	468.49	476.41	479.41	2.65	ppb
Barium	137-1	486.19	493.52	490.26	489.99	0.75	ppb
Beryllium	9-1	1.32	1.34	1.37	1.34	1.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.56	2.58	2.29	2.48	6.62	ppb
Cadmium	106-1	2.08	3.04	2.46	2.53	19.22	ppb
Cadmium	111-1	1.46	1.42	1.47	1.45	1.81	ppb
Calcium	43-1	9088.65	9231.45	9254.85	9191.65	0.98	ppb
Calcium	44-1	8565.22	8701.33	8669.15	8645.23	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168.97	169.35	168.18	168.83	0.35	ppb
Cobalt	59-2	72.76	73.24	71.71	72.57	1.07	ppb
Copper	63-2	228.57	230.34	228.05	228.99	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	153417.13	155720.27	153643.99	154260.46	0.82	ppb
Iron	57-2	155026.20	152549.16	148273.49	151949.62	2.25	ppb
Iron	54-2	154264.88	157129.68	154278.13	155224.23	1.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-01	Instrumnet Name :	P7
Client Sample ID :	MYDA53	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:37:46	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.32	57.82	57.95	57.70	0.57	ppb
Lead	207-1	58.36	57.85	58.71	58.30	0.74	ppb
Lead	208-1	57.26	57.73	58.26	57.75	0.86	ppb
Lithium	6-1				91		%
Magnesium	24-2	29477.82	28681.71	28668.56	28942.70	1.60	ppb
Manganese	55-2	5956.13	6091.33	5943.04	5996.84	1.37	ppb
Molybdenum	94-1	15.27	16.00	15.95	15.74	2.58	ppb
Molybdenum	95-1	2.03	2.14	2.15	2.11	3.32	ppb
Molybdenum	96-1	4.45	4.50	4.62	4.52	1.94	ppb
Molybdenum	97-1	1.99	2.04	2.05	2.03	1.54	ppb
Molybdenum	98-1	1.98	2.04	1.99	2.00	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.16	108.23	107.37	107.92	0.44	ppb
Phosphorus	31-2	2564.61	2601.94	2577.36	2581.30	0.74	ppb
Potassium	39-2	14040.51	14187.86	14006.35	14078.24	0.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	0.65	0.43	0.75	0.61	27.10	ppb
Selenium	77-2	12.44	10.59	11.51	11.51	8.03	ppb
Selenium	78-2	1.68	1.80	2.61	2.03	24.83	ppb
Silicon	28-1	980.06	974.40	982.49	978.98	0.42	ppb
Silver	107-1	0.45	0.42	0.38	0.42	8.11	ppb
Silver	109-1	0.44	0.42	0.38	0.41	7.09	ppb
Sodium	23-2	177.26	177.84	177.48	177.53	0.16	ppb
Strontium	86-1	94.90	98.28	97.80	96.99	1.89	ppb
Strontium	88-1	95.93	99.58	98.37	97.96	1.90	ppb
Sulfur	34-1	-1656.96	-1737.23	-1679.57	-1691.25		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.26	0.27	0.27	0.27	2.05	ppb
Thallium	205-1	0.26	0.27	0.26	0.26	1.50	ppb
Tin	118-1	2.39	2.43	2.42	2.41	0.70	ppb
Titanium	47-1	885.66	855.50	874.91	872.02	1.75	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-01	Instrumnet Name :	P7
Client Sample ID :	MYDA53	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:37:46	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.80	0.81	0.81	1.35	ppb
Vanadium	51-2	310.04	308.02	297.81	305.29	2.15	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	297.06	298.83	294.29	296.73	0.77	ppb
Zirconium	90-1	8.22	8.45	8.50	8.39	1.74	ppb
Zirconium	91-1	8.24	8.67	8.57	8.49	2.64	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-02	Instrumnet Name :	P7
Client Sample ID :	MYDA54	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:40:52	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51794.83	50542.02	51245.23	51194.03	1.23	ppb
Antimony	121-1	4.14	4.17	4.26	4.19	1.45	ppb
Arsenic	75-2	150.77	148.77	150.57	150.04	0.74	ppb
Barium	135-1	565.12	553.15	569.99	562.76	1.54	ppb
Barium	137-1	562.53	544.72	571.74	559.67	2.45	ppb
Beryllium	9-1	1.73	1.78	1.80	1.77	2.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.23	3.19	3.25	3.23	0.98	ppb
Cadmium	106-1	3.91	4.26	4.80	4.33	10.37	ppb
Cadmium	111-1	1.45	1.49	1.50	1.48	1.93	ppb
Calcium	43-1	11025.26	11013.38	11187.85	11075.50	0.88	ppb
Calcium	44-1	10249.10	10382.34	10358.46	10329.96	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	155.93	156.68	156.50	156.37	0.25	ppb
Cobalt	59-2	76.35	76.27	76.23	76.29	0.08	ppb
Copper	63-2	242.37	241.18	240.59	241.38	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	155791.24	157032.16	155096.09	155973.16	0.63	ppb
Iron	57-2	154460.34	153649.82	153669.69	153926.62	0.30	ppb
Iron	54-2	156643.79	155363.00	156653.20	156220.00	0.48	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-02	Instrumnet Name :	P7
Client Sample ID :	MYDA54	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:40:52	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.58	71.01	73.59	71.72	2.27	ppb
Lead	207-1	70.60	71.26	72.58	71.48	1.41	ppb
Lead	208-1	70.29	70.64	72.51	71.15	1.68	ppb
Lithium	6-1				96		%
Magnesium	24-2	29040.98	28722.98	28944.17	28902.71	0.56	ppb
Manganese	55-2	3743.88	3718.87	3742.59	3735.11	0.38	ppb
Molybdenum	94-1	38.33	39.90	38.69	38.97	2.10	ppb
Molybdenum	95-1	1.25	1.32	1.26	1.28	2.95	ppb
Molybdenum	96-1	6.13	6.28	6.17	6.19	1.22	ppb
Molybdenum	97-1	1.30	1.35	1.30	1.31	2.30	ppb
Molybdenum	98-1	1.22	1.27	1.26	1.25	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.02	501.11	501.24	500.79	0.13	ppb
Phosphorus	31-2	3000.91	2972.39	2966.40	2979.90	0.62	ppb
Potassium	39-2	11652.28	11751.15	11621.59	11675.01	0.58	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	1.27	0.48	0.83	0.86	45.73	ppb
Selenium	77-2	15.54	16.89	15.94	16.12	4.30	ppb
Selenium	78-2	3.81	3.88	2.99	3.56	13.85	ppb
Silicon	28-1	919.75	936.27	958.99	938.34	2.10	ppb
Silver	107-1	0.32	0.32	0.34	0.33	2.49	ppb
Silver	109-1	0.31	0.31	0.32	0.31	1.21	ppb
Sodium	23-2	190.52	190.33	190.23	190.36	0.08	ppb
Strontium	86-1	83.71	87.20	85.87	85.59	2.06	ppb
Strontium	88-1	85.47	86.35	86.16	85.99	0.54	ppb
Sulfur	34-1	-1913.85	-1923.80	-1882.77	-1906.80		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.30	0.29	0.32	0.30	4.14	ppb
Thallium	205-1	0.29	0.29	0.30	0.29	1.07	ppb
Tin	118-1	2.28	2.24	2.32	2.28	1.69	ppb
Titanium	47-1	1374.74	1395.33	1417.63	1395.90	1.54	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-02	Instrumnet Name :	P7
Client Sample ID :	MYDA54	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:40:52	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.11	1.15	1.12	2.84	ppb
Vanadium	51-2	320.26	323.18	321.83	321.76	0.45	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	691.19	687.43	693.27	690.63	0.43	ppb
Zirconium	90-1	22.51	23.19	22.79	22.83	1.49	ppb
Zirconium	91-1	22.52	23.28	22.84	22.88	1.67	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-03	Instrumnet Name :	P7
Client Sample ID :	MYDA55	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:43:58	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33211.90	33417.15	33794.11	33474.39	0.88	ppb
Antimony	121-1	4.13	4.27	4.26	4.22	1.91	ppb
Arsenic	75-2	125.13	127.14	127.14	126.47	0.92	ppb
Barium	135-1	691.30	704.17	726.26	707.24	2.50	ppb
Barium	137-1	706.90	703.48	727.06	712.48	1.79	ppb
Beryllium	9-1	1.13	1.12	1.13	1.13	0.61	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.02	2.21	2.46	2.23	9.89	ppb
Cadmium	106-1	3.47	3.00	2.62	3.03	14.17	ppb
Cadmium	111-1	1.40	1.47	1.45	1.44	2.56	ppb
Calcium	43-1	7801.64	7813.39	8030.55	7881.86	1.64	ppb
Calcium	44-1	7432.06	7557.40	7627.22	7538.89	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.62	114.09	115.19	114.30	0.70	ppb
Cobalt	59-2	58.31	58.78	58.49	58.53	0.40	ppb
Copper	63-2	170.17	172.42	171.54	171.38	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				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	154127.71	157309.55	154771.74	155403.00	1.08	ppb
Iron	57-2	150997.56	151476.22	152503.00	151658.92	0.51	ppb
Iron	54-2	154090.89	156463.61	155867.11	155473.87	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-03	Instrumnet Name :	P7
Client Sample ID :	MYDA55	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:43:58	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	75.42	74.79	76.96	75.72	1.48	ppb
Lead	207-1	75.65	74.65	77.97	76.09	2.24	ppb
Lead	208-1	76.00	75.95	78.19	76.71	1.67	ppb
Lithium	6-1				96		%
Magnesium	24-2	18952.75	19244.04	19134.83	19110.54	0.77	ppb
Manganese	55-2	7864.40	7995.92	7928.74	7929.68	0.83	ppb
Molybdenum	94-1	18.49	18.90	18.73	18.71	1.10	ppb
Molybdenum	95-1	2.31	2.30	2.22	2.28	2.18	ppb
Molybdenum	96-1	4.67	4.93	4.90	4.83	2.86	ppb
Molybdenum	97-1	2.14	2.18	2.18	2.17	1.23	ppb
Molybdenum	98-1	2.16	2.14	2.21	2.17	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	199.16	203.71	201.66	201.51	1.13	ppb
Phosphorus	31-2	1883.87	1910.98	1892.76	1895.87	0.73	ppb
Potassium	39-2	7157.76	7170.50	7137.10	7155.12	0.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	0.57	0.33	0.72	0.54	36.51	ppb
Selenium	77-2	14.68	14.24	14.42	14.44	1.53	ppb
Selenium	78-2	3.60	2.72	2.03	2.78	28.36	ppb
Silicon	28-1	854.62	851.03	865.24	856.96	0.86	ppb
Silver	107-1	0.43	0.45	0.45	0.44	2.64	ppb
Silver	109-1	0.40	0.42	0.43	0.42	3.99	ppb
Sodium	23-2	303.24	308.84	309.16	307.08	1.08	ppb
Strontium	86-1	64.07	64.81	64.10	64.32	0.66	ppb
Strontium	88-1	65.24	64.83	64.84	64.97	0.36	ppb
Sulfur	34-1	-1941.55	-1939.32	-1944.80	-1941.89		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.23	0.23	0.23	2.25	ppb
Thallium	205-1	0.22	0.23	0.24	0.23	5.38	ppb
Tin	118-1	3.22	3.38	3.33	3.31	2.53	ppb
Titanium	47-1	880.12	890.19	877.12	882.48	0.78	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-03	Instrumnet Name :	P7
Client Sample ID :	MYDA55	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:43:58	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.80	0.86	0.83	3.43	ppb
Vanadium	51-2	262.81	270.69	271.99	268.50	1.85	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	388.41	390.75	391.06	390.07	0.37	ppb
Zirconium	90-1	10.41	10.47	10.42	10.43	0.30	ppb
Zirconium	91-1	10.26	10.37	10.35	10.33	0.60	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-04	Instrumnet Name :	P7
Client Sample ID :	MYDA56	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:47:03	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50023.02	50767.22	50057.60	50282.61	0.84	ppb
Antimony	121-1	1.22	1.20	1.22	1.21	0.98	ppb
Arsenic	75-2	131.76	132.95	131.40	132.04	0.62	ppb
Barium	135-1	465.46	467.16	472.51	468.37	0.79	ppb
Barium	137-1	487.37	492.41	493.67	491.15	0.68	ppb
Beryllium	9-1	1.64	1.78	1.73	1.72	4.06	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.96	3.63	2.93	3.17	12.36	ppb
Cadmium	106-1	6.14	5.56	6.31	6.00	6.57	ppb
Cadmium	111-1	0.79	0.74	0.87	0.80	8.01	ppb
Calcium	43-1	12860.57	13129.01	13083.74	13024.44	1.10	ppb
Calcium	44-1	12340.26	12214.60	12330.75	12295.20	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	159.53	161.33	161.80	160.88	0.75	ppb
Cobalt	59-2	65.23	65.17	65.63	65.34	0.38	ppb
Copper	63-2	156.49	157.65	157.56	157.23	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				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	156596.29	156496.16	157025.92	156706.12	0.18	ppb
Iron	57-2	151414.37	153415.88	154477.90	153102.71	1.02	ppb
Iron	54-2	153891.52	155541.80	154154.17	154529.16	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-04	Instrumnet Name :	P7
Client Sample ID :	MYDA56	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:47:03	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.85	33.80	33.72	33.46	1.57	ppb
Lead	207-1	32.71	33.04	33.61	33.12	1.38	ppb
Lead	208-1	32.72	33.37	33.43	33.17	1.20	ppb
Lithium	6-1				91		%
Magnesium	24-2	25041.21	25602.88	25448.99	25364.36	1.14	ppb
Manganese	55-2	5082.24	5090.56	5118.48	5097.09	0.37	ppb
Molybdenum	94-1	60.90	61.05	62.38	61.45	1.33	ppb
Molybdenum	95-1	1.23	1.23	1.29	1.25	2.84	ppb
Molybdenum	96-1	8.33	8.54	8.50	8.46	1.32	ppb
Molybdenum	97-1	1.17	1.23	1.19	1.20	2.41	ppb
Molybdenum	98-1	1.18	1.17	1.22	1.19	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.36	129.11	129.72	129.39	0.23	ppb
Phosphorus	31-2	2339.35	2342.15	2325.29	2335.60	0.39	ppb
Potassium	39-2	8039.91	8185.25	8252.05	8159.07	1.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.79	0.45	0.72	0.65	27.75	ppb
Selenium	77-2	21.44	20.54	15.89	19.29	15.44	ppb
Selenium	78-2	3.57	2.94	5.02	3.85	27.78	ppb
Silicon	28-1	842.98	848.32	848.83	846.71	0.38	ppb
Silver	107-1	0.17	0.16	0.18	0.17	3.77	ppb
Silver	109-1	0.15	0.16	0.15	0.15	3.47	ppb
Sodium	23-2	183.24	183.15	186.15	184.18	0.93	ppb
Strontium	86-1	77.53	78.31	79.51	78.45	1.27	ppb
Strontium	88-1	79.01	79.37	79.57	79.32	0.36	ppb
Sulfur	34-1	-2090.46	-2060.25	-2043.08	-2064.60		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.21	0.23	0.22	0.22	3.66	ppb
Thallium	205-1	0.21	0.22	0.21	0.21	1.57	ppb
Tin	118-1	2.23	2.23	2.26	2.24	0.92	ppb
Titanium	47-1	1508.72	1519.34	1539.74	1522.60	1.04	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-04	Instrumnet Name :	P7
Client Sample ID :	MYDA56	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:47:03	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.92	0.95	0.94	1.49	ppb
Vanadium	51-2	272.18	280.65	278.76	277.20	1.60	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	197.59	196.48	198.79	197.62	0.58	ppb
Zirconium	90-1	36.44	36.68	37.08	36.73	0.88	ppb
Zirconium	91-1	36.43	36.53	37.07	36.67	0.94	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-05	Instrumnet Name :	P7
Client Sample ID :	MYDA57	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:50:12	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49849.37	51444.56	50838.39	50710.77	1.59	ppb
Antimony	121-1	1.71	1.72	1.73	1.72	0.69	ppb
Arsenic	75-2	156.35	155.71	160.32	157.46	1.59	ppb
Barium	135-1	849.71	897.16	905.53	884.13	3.41	ppb
Barium	137-1	846.51	900.20	883.49	876.73	3.13	ppb
Beryllium	9-1	1.71	1.71	1.87	1.76	5.21	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.62	3.20	2.91	2.91	10.02	ppb
Cadmium	106-1	4.60	5.22	4.67	4.83	6.99	ppb
Cadmium	111-1	0.99	1.03	1.09	1.04	5.11	ppb
Calcium	43-1	14509.27	14233.44	14913.09	14551.94	2.35	ppb
Calcium	44-1	13477.08	13525.02	13786.94	13596.35	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	169.79	168.81	169.25	169.28	0.29	ppb
Cobalt	59-2	69.87	69.25	69.46	69.53	0.45	ppb
Copper	63-2	169.00	168.91	170.03	169.31	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	158680.46	160241.15	158345.26	159088.96	0.64	ppb
Iron	57-2	156157.89	157672.83	155617.31	156482.68	0.68	ppb
Iron	54-2	158918.14	159033.09	158947.38	158966.20	0.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-05	Instrumnet Name :	P7
Client Sample ID :	MYDA57	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:50:12	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.37	50.99	51.08	51.48	1.50	ppb
Lead	207-1	54.67	52.22	53.53	53.47	2.29	ppb
Lead	208-1	53.25	52.09	52.24	52.53	1.20	ppb
Lithium	6-1				91		%
Magnesium	24-2	26164.97	26693.02	26539.37	26465.79	1.03	ppb
Manganese	55-2	9010.71	9083.01	8969.85	9021.19	0.64	ppb
Molybdenum	94-1	46.67	48.03	47.06	47.26	1.48	ppb
Molybdenum	95-1	1.51	1.57	1.50	1.53	2.44	ppb
Molybdenum	96-1	6.98	7.42	7.04	7.15	3.29	ppb
Molybdenum	97-1	1.35	1.39	1.35	1.36	1.63	ppb
Molybdenum	98-1	1.34	1.41	1.37	1.37	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.77	125.35	125.69	125.27	0.37	ppb
Phosphorus	31-2	1855.57	1890.40	1889.82	1878.60	1.06	ppb
Potassium	39-2	4697.14	4715.15	4669.47	4693.92	0.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	0.05	1.01	0.33	0.46	107.34	ppb
Selenium	77-2	18.62	19.09	17.46	18.39	4.56	ppb
Selenium	78-2	4.62	3.80	3.69	4.04	12.58	ppb
Silicon	28-1	722.72	729.07	732.14	727.98	0.66	ppb
Silver	107-1	0.15	0.16	0.16	0.16	0.98	ppb
Silver	109-1	0.14	0.14	0.14	0.14	2.86	ppb
Sodium	23-2	200.76	204.46	204.53	203.25	1.06	ppb
Strontium	86-1	104.64	107.37	104.02	105.34	1.69	ppb
Strontium	88-1	106.14	108.54	107.90	107.53	1.16	ppb
Sulfur	34-1	-2026.29	-2108.84	-2000.70	-2045.28		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.23	0.23	0.23	2.44	ppb
Thallium	205-1	0.25	0.26	0.25	0.25	2.08	ppb
Tin	118-1	2.06	2.26	2.20	2.17	4.56	ppb
Titanium	47-1	1357.78	1357.54	1368.34	1361.22	0.45	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-05	Instrumnet Name :	P7
Client Sample ID :	MYDA57	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:50:12	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.04	1.08	1.08	2.94	ppb
Vanadium	51-2	282.07	283.13	280.71	281.97	0.43	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	215.96	216.35	214.89	215.73	0.35	ppb
Zirconium	90-1	27.82	28.78	27.92	28.17	1.87	ppb
Zirconium	91-1	27.48	28.92	27.13	27.84	3.39	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-06	Instrumnet Name :	P7
Client Sample ID :	MYDA58	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:53:18	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41504.92	41815.91	42386.88	41902.57	1.07	ppb
Antimony	121-1	1.90	1.98	2.06	1.98	3.97	ppb
Arsenic	75-2	183.44	182.26	183.60	183.10	0.40	ppb
Barium	135-1	658.79	673.74	689.69	674.07	2.29	ppb
Barium	137-1	653.48	673.36	685.52	670.78	2.41	ppb
Beryllium	9-1	1.08	1.22	1.17	1.16	6.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.97	1.76	1.81	1.85	6.07	ppb
Cadmium	106-1	2.30	2.03	2.59	2.31	12.24	ppb
Cadmium	111-1	0.97	1.05	1.15	1.06	8.35	ppb
Calcium	43-1	5870.40	6185.98	6029.88	6028.75	2.62	ppb
Calcium	44-1	5601.85	5784.88	5753.62	5713.45	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161.77	164.40	163.41	163.19	0.81	ppb
Cobalt	59-2	86.21	86.89	87.00	86.70	0.49	ppb
Copper	63-2	219.80	218.96	218.89	219.22	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	186684.16	189071.76	185984.34	187246.75	0.86	ppb
Iron	57-2	183936.23	185897.37	183092.22	184308.61	0.78	ppb
Iron	54-2	186304.76	187342.82	186001.85	186549.81	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-06	Instrumnet Name :	P7
Client Sample ID :	MYDA58	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:53:18	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.67	49.92	50.05	48.21	6.37	ppb
Lead	207-1	46.82	51.44	49.34	49.20	4.70	ppb
Lead	208-1	46.30	49.94	49.12	48.45	3.94	ppb
Lithium	6-1				88		%
Magnesium	24-2	29204.63	28629.44	29141.37	28991.81	1.09	ppb
Manganese	55-2	9989.65	10128.66	9984.35	10034.22	0.82	ppb
Molybdenum	94-1	12.73	13.77	13.48	13.32	4.05	ppb
Molybdenum	95-1	1.90	1.90	1.94	1.91	1.14	ppb
Molybdenum	96-1	4.03	4.20	4.33	4.19	3.57	ppb
Molybdenum	97-1	1.69	1.88	1.78	1.78	5.16	ppb
Molybdenum	98-1	1.72	1.71	1.75	1.73	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.83	108.89	109.19	108.63	0.66	ppb
Phosphorus	31-2	1812.16	1813.21	1794.56	1806.64	0.58	ppb
Potassium	39-2	9845.54	9922.76	9930.63	9899.64	0.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	0.45	0.25	0.17	0.29	49.29	ppb
Selenium	77-2	8.51	11.92	12.94	11.13	20.85	ppb
Selenium	78-2	1.24	1.60	2.75	1.86	42.42	ppb
Silicon	28-1	661.60	695.09	696.29	684.33	2.88	ppb
Silver	107-1	0.18	0.19	0.19	0.19	2.80	ppb
Silver	109-1	0.18	0.19	0.19	0.19	4.38	ppb
Sodium	23-2	174.39	176.93	178.73	176.68	1.23	ppb
Strontium	86-1	81.84	87.53	87.66	85.68	3.88	ppb
Strontium	88-1	85.17	87.92	86.51	86.53	1.58	ppb
Sulfur	34-1	-2059.41	-1862.91	-1884.14	-1935.49		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.21	0.22	0.21	5.01	ppb
Thallium	205-1	0.21	0.22	0.20	0.21	4.23	ppb
Tin	118-1	1.57	1.66	1.75	1.66	5.48	ppb
Titanium	47-1	679.12	689.71	695.51	688.11	1.21	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-06	Instrumnet Name :	P7
Client Sample ID :	MYDA58	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:53:18	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.74	0.70	0.70	5.17	ppb
Vanadium	51-2	328.92	332.25	333.14	331.44	0.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	267.82	272.11	272.19	270.71	0.92	ppb
Zirconium	90-1	6.91	7.10	7.07	7.02	1.45	ppb
Zirconium	91-1	6.84	7.16	7.21	7.07	2.83	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-07	Instrumnet Name :	P7
Client Sample ID :	MYDA59	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:56:26	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40432.24	40539.13	40196.59	40389.32	0.43	ppb
Antimony	121-1	2.07	2.09	2.05	2.07	0.94	ppb
Arsenic	75-2	176.23	175.54	177.72	176.50	0.63	ppb
Barium	135-1	529.03	527.29	542.62	532.98	1.57	ppb
Barium	137-1	520.94	523.16	541.98	528.69	2.19	ppb
Beryllium	9-1	1.10	1.21	1.18	1.16	4.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.56	1.62	1.51	1.57	3.63	ppb
Cadmium	106-1	2.07	2.05	2.14	2.09	2.09	ppb
Cadmium	111-1	0.91	0.90	0.95	0.92	2.90	ppb
Calcium	43-1	6061.34	6199.82	6102.26	6121.14	1.16	ppb
Calcium	44-1	5715.03	5843.47	5843.49	5800.66	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163.94	163.08	163.20	163.41	0.29	ppb
Cobalt	59-2	72.33	72.75	72.86	72.65	0.39	ppb
Copper	63-2	193.05	191.67	192.22	192.31	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				107		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	185166.32	188333.76	185652.27	186384.12	0.92	ppb
Iron	57-2	182238.54	184673.80	185310.40	184074.25	0.88	ppb
Iron	54-2	185999.39	186940.25	187194.12	186711.25	0.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-07	Instrumnet Name :	P7
Client Sample ID :	MYDA59	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:56:26	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.79	46.73	46.48	46.33	1.04	ppb
Lead	207-1	46.31	48.10	46.62	47.01	2.03	ppb
Lead	208-1	45.35	46.68	46.20	46.08	1.47	ppb
Lithium	6-1				87		%
Magnesium	24-2	26951.70	26725.13	27004.22	26893.68	0.55	ppb
Manganese	55-2	7554.21	7605.13	7664.29	7607.88	0.72	ppb
Molybdenum	94-1	14.90	15.67	15.41	15.33	2.55	ppb
Molybdenum	95-1	1.78	1.89	1.84	1.84	2.85	ppb
Molybdenum	96-1	4.39	4.33	4.52	4.42	2.13	ppb
Molybdenum	97-1	1.75	1.89	1.82	1.82	3.82	ppb
Molybdenum	98-1	1.67	1.75	1.74	1.72	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.34	99.39	101.05	100.59	1.05	ppb
Phosphorus	31-2	1701.87	1721.79	1693.07	1705.58	0.86	ppb
Potassium	39-2	8883.23	8824.85	8979.65	8895.91	0.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.69	0.85	0.68	0.74	13.06	ppb
Selenium	77-2	10.93	11.15	9.90	10.66	6.27	ppb
Selenium	78-2	1.80	1.95	3.23	2.33	33.62	ppb
Silicon	28-1	725.04	725.25	745.59	731.96	1.61	ppb
Silver	107-1	0.16	0.15	0.15	0.15	1.60	ppb
Silver	109-1	0.15	0.16	0.17	0.16	6.24	ppb
Sodium	23-2	181.14	181.62	181.84	181.54	0.20	ppb
Strontium	86-1	68.44	71.12	69.64	69.74	1.93	ppb
Strontium	88-1	67.49	70.65	69.82	69.32	2.37	ppb
Sulfur	34-1	-1886.66	-1928.87	-1892.36	-1902.63		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.18	0.19	0.19	4.57	ppb
Thallium	205-1	0.19	0.20	0.19	0.19	3.02	ppb
Tin	118-1	1.70	1.61	1.73	1.68	3.73	ppb
Titanium	47-1	823.58	821.31	834.08	826.33	0.82	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-07	Instrumnet Name :	P7
Client Sample ID :	MYDA59	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:56:26	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.73	0.70	0.70	4.51	ppb
Vanadium	51-2	325.06	322.64	329.86	325.85	1.13	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	253.26	252.61	252.50	252.79	0.16	ppb
Zirconium	90-1	8.03	8.35	8.29	8.22	2.03	ppb
Zirconium	91-1	8.23	8.54	8.56	8.45	2.18	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-08	Instrumnet Name :	P7
Client Sample ID :	MYDA60	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:59:32	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46041.40	46165.75	46359.89	46189.01	0.35	ppb
Antimony	121-1	2.41	2.49	2.53	2.47	2.35	ppb
Arsenic	75-2	214.87	210.77	211.34	212.33	1.05	ppb
Barium	135-1	889.66	927.92	882.37	899.98	2.72	ppb
Barium	137-1	887.35	910.95	877.97	892.09	1.90	ppb
Beryllium	9-1	1.23	1.26	1.27	1.25	1.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.03	2.01	2.46	2.17	11.68	ppb
Cadmium	106-1	2.28	2.81	2.87	2.65	12.16	ppb
Cadmium	111-1	1.11	1.18	1.09	1.13	4.29	ppb
Calcium	43-1	8095.43	8384.00	8088.08	8189.17	2.06	ppb
Calcium	44-1	7679.42	7887.66	7711.07	7759.38	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	193.11	193.09	193.96	193.39	0.26	ppb
Cobalt	59-2	110.44	111.00	111.00	110.81	0.29	ppb
Copper	63-2	207.98	213.57	212.28	211.28	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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	229439.12	227988.38	225970.16	227799.22	0.76	ppb
Iron	57-2	222100.45	226458.72	222121.54	223560.24	1.12	ppb
Iron	54-2	227242.45	223120.39	226920.81	225761.22	1.02	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-08	Instrumnet Name :	P7
Client Sample ID :	MYDA60	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:59:32	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.83	54.73	54.00	54.18	0.88	ppb
Lead	207-1	57.29	58.14	54.65	56.69	3.21	ppb
Lead	208-1	56.16	56.74	54.65	55.85	1.93	ppb
Lithium	6-1				91		%
Magnesium	24-2	30325.38	30465.52	30549.45	30446.78	0.37	ppb
Manganese	55-2	13621.13	13467.79	13572.76	13553.89	0.58	ppb
Molybdenum	94-1	20.38	20.11	20.61	20.37	1.25	ppb
Molybdenum	95-1	2.67	2.70	2.72	2.70	0.96	ppb
Molybdenum	96-1	5.75	5.62	5.96	5.78	2.94	ppb
Molybdenum	97-1	2.44	2.47	2.58	2.50	2.88	ppb
Molybdenum	98-1	2.39	2.46	2.48	2.44	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.47	126.51	126.22	126.40	0.12	ppb
Phosphorus	31-2	1917.32	1947.81	1923.54	1929.55	0.83	ppb
Potassium	39-2	9339.31	9319.47	9416.19	9358.32	0.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.59	0.82	0.84	0.75	18.55	ppb
Selenium	77-2	12.50	13.76	13.51	13.26	5.01	ppb
Selenium	78-2	2.11	1.57	2.20	1.96	17.36	ppb
Silicon	28-1	576.12	599.87	620.02	598.67	3.67	ppb
Silver	107-1	0.20	0.21	0.19	0.20	6.15	ppb
Silver	109-1	0.18	0.18	0.20	0.19	6.70	ppb
Sodium	23-2	188.92	188.04	189.48	188.81	0.38	ppb
Strontium	86-1	101.87	101.74	105.14	102.92	1.87	ppb
Strontium	88-1	103.69	105.58	105.50	104.92	1.02	ppb
Sulfur	34-1	-1728.74	-1708.32	-1693.13	-1710.06		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.26	0.26	0.24	0.25	3.05	ppb
Thallium	205-1	0.26	0.26	0.25	0.26	2.94	ppb
Tin	118-1	3.88	3.99	4.08	3.99	2.51	ppb
Titanium	47-1	842.31	853.18	893.32	862.93	3.11	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-08	Instrumnet Name :	P7
Client Sample ID :	MYDA60	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:59:32	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.81	0.76	0.79	4.18	ppb
Vanadium	51-2	376.78	381.72	378.87	379.12	0.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	302.41	303.60	303.58	303.20	0.22	ppb
Zirconium	90-1	11.08	11.07	11.32	11.16	1.25	ppb
Zirconium	91-1	10.85	10.84	11.53	11.07	3.57	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-09	Instrumnet Name :	P7
Client Sample ID :	MYDA61	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:02:40	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54930.54	55227.05	54756.27	54971.29	0.43	ppb
Antimony	121-1	2.29	2.30	2.24	2.27	1.46	ppb
Arsenic	75-2	255.98	258.93	256.97	257.29	0.58	ppb
Barium	135-1	991.17	1032.93	1038.29	1020.80	2.53	ppb
Barium	137-1	982.36	1019.10	1032.30	1011.25	2.56	ppb
Beryllium	9-1	1.99	1.94	2.00	1.98	1.78	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.84	2.82	3.27	2.98	8.50	ppb
Cadmium	106-1	3.68	4.70	3.23	3.87	19.43	ppb
Cadmium	111-1	1.64	1.80	1.71	1.72	4.49	ppb
Calcium	43-1	8896.30	8414.32	8880.95	8730.52	3.14	ppb
Calcium	44-1	8289.36	8244.69	8402.47	8312.18	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	215.92	221.75	220.15	219.28	1.37	ppb
Cobalt	59-2	96.27	97.26	98.24	97.26	1.01	ppb
Copper	63-2	287.87	290.90	294.94	291.24	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				102		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	257502.37	254894.52	254540.82	255645.90	0.63	ppb
Iron	57-2	250168.23	248773.50	252490.16	250477.30	0.75	ppb
Iron	54-2	256057.66	255855.57	256418.00	256110.41	0.11	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-09	Instrumnet Name :	P7
Client Sample ID :	MYDA61	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:02:40	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.72	65.63	65.94	66.43	1.69	ppb
Lead	207-1	69.46	64.80	67.43	67.23	3.48	ppb
Lead	208-1	67.28	66.28	67.01	66.86	0.77	ppb
Lithium	6-1				91		%
Magnesium	24-2	33690.98	33403.09	33387.04	33493.70	0.51	ppb
Manganese	55-2	9726.06	9833.90	9766.10	9775.36	0.56	ppb
Molybdenum	94-1	27.62	28.49	27.54	27.88	1.89	ppb
Molybdenum	95-1	2.31	2.50	2.42	2.41	3.97	ppb
Molybdenum	96-1	6.35	6.73	6.52	6.53	2.87	ppb
Molybdenum	97-1	2.23	2.39	2.29	2.31	3.49	ppb
Molybdenum	98-1	2.17	2.32	2.26	2.25	3.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.86	144.61	145.48	144.65	0.56	ppb
Phosphorus	31-2	2603.78	2633.09	2601.82	2612.89	0.67	ppb
Potassium	39-2	13544.18	13552.05	13754.38	13616.87	0.88	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	82-1	0.59	0.93	0.65	0.72	25.21	ppb
Selenium	77-2	17.23	17.65	16.68	17.18	2.83	ppb
Selenium	78-2	2.97	4.02	3.08	3.36	17.21	ppb
Silicon	28-1	677.19	658.68	669.93	668.60	1.40	ppb
Silver	107-1	0.68	0.70	0.71	0.69	2.36	ppb
Silver	109-1	0.66	0.70	0.66	0.67	3.35	ppb
Sodium	23-2	191.84	192.82	192.64	192.43	0.27	ppb
Strontium	86-1	101.38	104.36	101.39	102.37	1.68	ppb
Strontium	88-1	102.53	103.31	103.92	103.25	0.68	ppb
Sulfur	34-1	-1846.15	-2048.50	-1973.55	-1956.06		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.34	0.30	0.32	0.32	6.08	ppb
Thallium	205-1	0.34	0.32	0.33	0.33	3.11	ppb
Tin	118-1	2.14	2.32	2.21	2.22	4.16	ppb
Titanium	47-1	986.56	997.46	1009.79	997.93	1.16	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-09	Instrumnet Name :	P7
Client Sample ID :	MYDA61	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:02:40	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.20	1.26	1.24	2.59	ppb
Vanadium	51-2	474.89	464.25	464.62	467.92	1.29	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	322.62	325.07	325.72	324.47	0.50	ppb
Zirconium	90-1	15.24	16.27	16.00	15.83	3.38	ppb
Zirconium	91-1	15.20	16.22	15.53	15.65	3.32	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-10	Instrumnet Name :	P7
Client Sample ID :	MYDA62	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:05:44	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41690.91	42145.75	42010.02	41948.90	0.56	ppb
Antimony	121-1	1.81	1.83	1.84	1.83	0.94	ppb
Arsenic	75-2	184.13	183.44	184.48	184.02	0.29	ppb
Barium	135-1	423.66	431.57	441.21	432.14	2.03	ppb
Barium	137-1	440.69	448.55	461.73	450.32	2.36	ppb
Beryllium	9-1	1.09	1.14	1.12	1.12	2.53	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.56	1.67	1.57	5.66	ppb
Cadmium	106-1	2.09	1.75	1.76	1.87	10.38	ppb
Cadmium	111-1	0.96	1.01	1.10	1.02	7.12	ppb
Calcium	43-1	6159.36	6312.96	6360.75	6277.69	1.68	ppb
Calcium	44-1	5898.84	5985.67	5918.97	5934.49	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156.78	158.61	158.88	158.09	0.72	ppb
Cobalt	59-2	71.80	71.84	72.22	71.95	0.32	ppb
Copper	63-2	208.96	207.22	209.80	208.66	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				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	164118.80	166461.72	167194.73	165925.09	0.97	ppb
Iron	57-2	162591.10	161521.55	165317.28	163143.31	1.20	ppb
Iron	54-2	164885.95	166045.49	166554.07	165828.51	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-10	Instrumnet Name :	P7
Client Sample ID :	MYDA62	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:05:44	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.38	41.56	42.24	41.39	2.28	ppb
Lead	207-1	41.13	42.17	42.83	42.04	2.03	ppb
Lead	208-1	40.78	41.52	42.52	41.61	2.09	ppb
Lithium	6-1				89		%
Magnesium	24-2	28427.87	27824.82	28186.17	28146.29	1.08	ppb
Manganese	55-2	5905.33	5938.75	5949.60	5931.23	0.39	ppb
Molybdenum	94-1	12.86	13.07	13.18	13.04	1.23	ppb
Molybdenum	95-1	1.96	2.05	2.04	2.02	2.54	ppb
Molybdenum	96-1	4.10	4.20	4.13	4.14	1.29	ppb
Molybdenum	97-1	1.97	2.02	1.95	1.98	1.91	ppb
Molybdenum	98-1	1.88	2.00	1.98	1.95	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.10	101.57	102.71	101.79	0.81	ppb
Phosphorus	31-2	1797.23	1849.82	1868.95	1838.67	2.02	ppb
Potassium	39-2	9957.66	9962.91	10123.69	10014.75	0.94	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.46	0.76	0.74	0.66	25.31	ppb
Selenium	77-2	11.83	13.19	10.35	11.79	12.02	ppb
Selenium	78-2	2.35	2.47	1.41	2.08	27.90	ppb
Silicon	28-1	798.35	814.63	807.36	806.78	1.01	ppb
Silver	107-1	0.20	0.20	0.20	0.20	1.04	ppb
Silver	109-1	0.21	0.18	0.21	0.20	6.90	ppb
Sodium	23-2	176.24	178.94	180.37	178.51	1.18	ppb
Strontium	86-1	63.69	65.40	65.27	64.79	1.47	ppb
Strontium	88-1	65.52	65.64	65.31	65.49	0.26	ppb
Sulfur	34-1	-2026.92	-1968.86	-2006.63	-2000.80		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.18	0.18	0.18	0.18	0.07	ppb
Thallium	205-1	0.17	0.18	0.18	0.18	2.92	ppb
Tin	118-1	1.66	1.76	1.74	1.72	3.22	ppb
Titanium	47-1	716.31	714.11	712.42	714.28	0.27	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-10	Instrumnet Name :	P7
Client Sample ID :	MYDA62	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:05:44	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.67	0.70	0.68	2.99	ppb
Vanadium	51-2	323.22	317.24	316.16	318.87	1.19	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	249.90	250.48	251.60	250.66	0.35	ppb
Zirconium	90-1	6.66	6.95	6.90	6.84	2.24	ppb
Zirconium	91-1	6.80	6.97	7.04	6.94	1.80	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:14:51	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49518.86	49720.73	50201.81	49813.80	0.70	ppb
Antimony	121-1	490.26	492.88	491.59	491.58	0.27	ppb
Arsenic	75-2	480.49	482.80	481.43	481.57	0.24	ppb
Barium	135-1	2493.50	2496.85	2538.93	2509.76	1.01	ppb
Barium	137-1	2456.14	2464.10	2484.78	2468.34	0.60	ppb
Beryllium	9-1	518.96	528.04	530.45	525.81	1.15	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	486.36	493.47	490.68	490.17	0.73	ppb
Cadmium	106-1	486.21	492.99	495.56	491.59	0.98	ppb
Cadmium	111-1	471.66	473.93	479.71	475.10	0.87	ppb
Calcium	43-1	247286.02	247879.19	253649.44	249604.88	1.41	ppb
Calcium	44-1	243177.02	244227.48	250873.94	246092.81	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.20	497.68	499.29	498.72	0.18	ppb
Cobalt	59-2	520.76	519.02	523.37	521.05	0.42	ppb
Copper	63-2	5011.24	5049.26	5055.75	5038.75	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	126642.48	127793.97	127465.40	127300.61	0.47	ppb
Iron	57-2	124721.57	125302.56	125930.28	125318.14	0.48	ppb
Iron	54-2	126811.86	127920.56	128650.21	127794.21	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:14:51	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2515.57	2549.98	2556.94	2540.83	0.87	ppb
Lead	207-1	2491.92	2553.02	2557.23	2534.06	1.44	ppb
Lead	208-1	2497.55	2546.03	2540.48	2528.02	1.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	247706.55	249566.17	251813.53	249695.42	0.82	ppb
Manganese	55-2	4858.97	4923.72	4950.57	4911.09	0.96	ppb
Molybdenum	94-1	4847.36	4961.86	4928.86	4912.70	1.20	ppb
Molybdenum	95-1	4858.44	4967.73	4973.37	4933.18	1.31	ppb
Molybdenum	96-1	4876.47	5023.36	4995.09	4964.97	1.57	ppb
Molybdenum	97-1	4857.51	4981.51	4992.86	4943.96	1.52	ppb
Molybdenum	98-1	4816.99	4972.61	4964.84	4918.15	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.33	498.63	503.25	500.74	0.47	ppb
Phosphorus	31-2	9889.19	9927.31	9997.44	9937.98	0.55	ppb
Potassium	39-2	120948.87	121708.01	123363.10	122006.66	1.01	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	461.07	477.52	476.72	471.77	1.97	ppb
Selenium	77-2	478.03	481.39	488.34	482.59	1.09	ppb
Selenium	78-2	474.74	475.93	473.10	474.59	0.30	ppb
Silicon	28-1	661.62	685.81	682.46	676.63	1.94	ppb
Silver	107-1	487.18	483.78	494.31	488.42	1.10	ppb
Silver	109-1	478.56	480.03	483.78	480.79	0.56	ppb
Sodium	23-2	250897.76	250575.75	252199.51	251224.34	0.34	ppb
Strontium	86-1	11982.30	12306.54	12407.59	12232.14	1.82	ppb
Strontium	88-1	12176.11	12494.08	12599.72	12423.30	1.77	ppb
Sulfur	34-1	9408.34	9715.95	9764.29	9629.53	2.01	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	509.19	509.20	519.66	512.68	1.18	ppb
Thallium	205-1	502.76	513.43	510.03	508.74	1.07	ppb
Tin	118-1	494.71	497.54	492.62	494.96	0.50	ppb
Titanium	47-1	4841.58	4936.62	4988.89	4922.37	1.52	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:14:51	DataFile Name :	094CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	519.40	522.48	520.69	520.86	0.30	ppb
Vanadium	51-2	511.13	492.34	498.11	500.53	1.92	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	4825.28	4908.11	4996.83	4910.07	1.75	ppb
Zirconium	90-1	490.35	501.07	499.20	496.87	1.15	ppb
Zirconium	91-1	495.16	497.92	491.02	494.70	0.70	ppb

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:17:35	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.40	3.78	3.19	3.79	15.96	ppb
Antimony	121-1	0.49	0.44	0.44	0.46	5.84	ppb
Arsenic	75-2	0.05	0.05	0.06	0.05	14.11	ppb
Barium	135-1	0.52	0.43	0.33	0.43	22.93	ppb
Barium	137-1	0.49	0.40	0.36	0.42	15.52	ppb
Beryllium	9-1	0.11	0.12	0.09	0.10	13.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.09	0.13	0.10	23.59	ppb
Cadmium	106-1	-0.40	0.29	-0.23	-0.11		ppb
Cadmium	111-1	0.10	0.13	0.07	0.10	27.80	ppb
Calcium	43-1	52.48	43.30	33.62	43.13	21.87	ppb
Calcium	44-1	50.61	40.84	32.71	41.39	21.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.07	0.08	0.08	17.48	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	14.59	ppb
Copper	63-2	0.54	0.51	0.42	0.49	13.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	13.76	11.44	10.00	11.73	16.15	ppb
Iron	57-2	10.30	8.79	6.63	8.57	21.56	ppb
Iron	54-2	13.24	11.41	10.02	11.56	13.95	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:17:35	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.59	0.50	0.41	0.50	17.94	ppb
Lead	207-1	0.56	0.51	0.42	0.50	14.96	ppb
Lead	208-1	0.58	0.50	0.42	0.50	15.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	23.61	20.04	17.11	20.25	16.06	ppb
Manganese	55-2	0.54	0.44	0.36	0.44	20.47	ppb
Molybdenum	94-1	1.68	1.40	1.13	1.40	19.68	ppb
Molybdenum	95-1	1.21	0.99	0.86	1.02	17.57	ppb
Molybdenum	96-1	1.23	1.05	0.85	1.05	18.36	ppb
Molybdenum	97-1	1.20	1.00	0.83	1.01	18.13	ppb
Molybdenum	98-1	1.16	1.02	0.89	1.03	13.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.05	0.04	0.05	17.12	ppb
Phosphorus	31-2	-14.83	-13.52	-15.43	-14.59		ppb
Potassium	39-2	33.10	29.96	28.08	30.38	8.33	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	-0.10	0.04	-0.16	-0.08		ppb
Selenium	77-2	-0.09	-0.26	-0.09	-0.15		ppb
Selenium	78-2	-1.32	-0.48	0.53	-0.42		ppb
Silicon	28-1	0.48	0.43	0.38	0.43	11.82	ppb
Silver	107-1	0.15	0.12	0.11	0.13	16.43	ppb
Silver	109-1	0.15	0.12	0.10	0.12	17.91	ppb
Sodium	23-2	56.29	53.19	51.35	53.61	4.65	ppb
Strontium	86-1	2.48	2.11	1.68	2.09	19.13	ppb
Strontium	88-1	2.56	2.10	1.76	2.14	18.92	ppb
Sulfur	34-1	-488.79	-482.23	-507.57	-492.86		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.10	0.11	0.11	16.06	ppb
Thallium	205-1	0.13	0.11	0.10	0.11	16.82	ppb
Tin	118-1	0.14	0.17	0.19	0.17	13.78	ppb
Titanium	47-1	1.12	1.01	0.87	1.00	12.47	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:17:35	DataFile Name :	095CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.09	0.07	0.06	0.07	18.33	ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	15.74	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	0.55	0.36	0.25	0.39	38.60	ppb
Zirconium	90-1	0.41	0.32	0.27	0.33	22.11	ppb
Zirconium	91-1	0.41	0.28	0.23	0.30	31.17	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-11	Instrumnet Name :	P7
Client Sample ID :	MYDA63	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:20:59	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39217.57	39520.88	38748.88	39162.44	0.99	ppb
Antimony	121-1	1.38	1.37	1.42	1.39	2.05	ppb
Arsenic	75-2	149.27	146.67	147.72	147.89	0.89	ppb
Barium	135-1	517.49	532.29	535.65	528.48	1.83	ppb
Barium	137-1	522.28	532.92	512.78	522.66	1.93	ppb
Beryllium	9-1	1.12	1.26	1.33	1.24	8.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.88	1.67	1.80	1.78	5.95	ppb
Cadmium	106-1	3.76	2.10	2.71	2.86	29.28	ppb
Cadmium	111-1	1.14	1.10	1.21	1.15	4.78	ppb
Calcium	43-1	7844.50	8135.29	8313.51	8097.77	2.92	ppb
Calcium	44-1	7597.61	7773.82	7695.68	7689.04	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147.85	148.46	147.42	147.91	0.35	ppb
Cobalt	59-2	68.44	68.78	68.79	68.67	0.29	ppb
Copper	63-2	212.24	210.50	207.50	210.08	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				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	137931.05	138631.68	139756.97	138773.23	0.66	ppb
Iron	57-2	134704.09	137415.15	136991.99	136370.41	1.07	ppb
Iron	54-2	138438.97	137918.77	140199.38	138852.37	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-11	Instrumnet Name :	P7
Client Sample ID :	MYDA63	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:20:59	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.30	46.59	47.79	46.89	1.69	ppb
Lead	207-1	47.26	46.33	46.39	46.66	1.12	ppb
Lead	208-1	47.10	47.18	46.02	46.77	1.38	ppb
Lithium	6-1				97		%
Magnesium	24-2	23429.80	23485.22	23293.68	23402.90	0.42	ppb
Manganese	55-2	5058.36	5114.26	5154.99	5109.20	0.95	ppb
Molybdenum	94-1	15.86	16.09	16.26	16.07	1.24	ppb
Molybdenum	95-1	1.69	1.80	1.68	1.72	3.78	ppb
Molybdenum	96-1	4.12	4.15	4.25	4.17	1.68	ppb
Molybdenum	97-1	1.64	1.60	1.72	1.65	3.54	ppb
Molybdenum	98-1	1.62	1.63	1.60	1.62	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.19	101.57	100.53	101.10	0.52	ppb
Phosphorus	31-2	1803.93	1816.56	1790.47	1803.65	0.72	ppb
Potassium	39-2	10275.01	10254.93	10274.65	10268.19	0.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	0.66	0.84	1.15	0.88	27.96	ppb
Selenium	77-2	11.42	12.46	13.31	12.40	7.64	ppb
Selenium	78-2	3.61	2.88	2.83	3.10	13.98	ppb
Silicon	28-1	974.19	970.57	1015.11	986.62	2.51	ppb
Silver	107-1	0.37	0.36	0.31	0.35	8.72	ppb
Silver	109-1	0.38	0.33	0.32	0.35	8.90	ppb
Sodium	23-2	185.28	186.12	188.51	186.64	0.90	ppb
Strontium	86-1	64.07	65.31	66.05	65.14	1.53	ppb
Strontium	88-1	65.83	64.57	65.34	65.25	0.97	ppb
Sulfur	34-1	-1437.07	-1647.25	-1648.16	-1577.49		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.33	0.33	0.34	0.33	1.49	ppb
Thallium	205-1	0.32	0.34	0.32	0.32	4.12	ppb
Tin	118-1	2.09	2.10	2.12	2.10	0.86	ppb
Titanium	47-1	798.01	800.69	818.21	805.64	1.36	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-11	Instrumnet Name :	P7
Client Sample ID :	MYDA63	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:20:59	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.77	0.74	0.76	2.09	ppb
Vanadium	51-2	286.58	293.71	285.90	288.73	1.50	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	212.78	215.37	214.55	214.24	0.62	ppb
Zirconium	90-1	8.90	9.16	8.79	8.95	2.12	ppb
Zirconium	91-1	8.90	9.18	9.26	9.12	2.06	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-12	Instrumnet Name :	P7
Client Sample ID :	MYDA64	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:24:04	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39121.31	39177.94	38597.95	38965.73	0.82	ppb
Antimony	121-1	1.58	1.60	1.64	1.61	1.89	ppb
Arsenic	75-2	154.50	153.59	156.32	154.81	0.90	ppb
Barium	135-1	664.54	677.78	689.93	677.42	1.87	ppb
Barium	137-1	645.11	651.54	707.16	667.94	5.11	ppb
Beryllium	9-1	1.15	1.23	1.19	1.19	3.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.63	1.60	1.95	1.73	11.42	ppb
Cadmium	106-1	1.57	1.60	1.92	1.70	11.47	ppb
Cadmium	111-1	1.28	1.27	1.32	1.29	2.11	ppb
Calcium	43-1	17415.81	17846.77	17262.55	17508.37	1.73	ppb
Calcium	44-1	16282.34	16575.11	16324.43	16393.96	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136.56	137.71	137.82	137.36	0.51	ppb
Cobalt	59-2	58.98	59.16	59.28	59.14	0.26	ppb
Copper	63-2	186.04	189.02	185.85	186.97	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				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	136504.92	136538.03	135284.90	136109.28	0.52	ppb
Iron	57-2	134235.45	133949.63	133507.72	133897.60	0.27	ppb
Iron	54-2	136026.79	137906.29	137165.26	137032.78	0.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-12	Instrumnet Name :	P7
Client Sample ID :	MYDA64	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:24:04	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.99	45.22	43.97	44.73	1.49	ppb
Lead	207-1	47.30	48.41	44.24	46.65	4.64	ppb
Lead	208-1	45.55	46.11	44.59	45.42	1.69	ppb
Lithium	6-1				94		%
Magnesium	24-2	24506.08	24972.01	24663.27	24713.79	0.96	ppb
Manganese	55-2	6944.77	6952.37	6850.64	6915.93	0.82	ppb
Molybdenum	94-1	11.22	11.25	11.36	11.28	0.64	ppb
Molybdenum	95-1	2.25	2.25	2.38	2.29	3.37	ppb
Molybdenum	96-1	3.97	4.02	4.21	4.07	3.02	ppb
Molybdenum	97-1	2.33	2.31	2.37	2.34	1.29	ppb
Molybdenum	98-1	2.22	2.14	2.27	2.21	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.12	94.23	93.14	93.49	0.68	ppb
Phosphorus	31-2	4372.37	4455.88	4446.82	4425.02	1.04	ppb
Potassium	39-2	11372.12	11550.25	11451.77	11458.05	0.78	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.83	0.77	0.90	0.83	7.51	ppb
Selenium	77-2	13.66	11.73	11.79	12.39	8.84	ppb
Selenium	78-2	2.19	2.48	1.99	2.22	11.07	ppb
Silicon	28-1	979.62	984.00	1004.30	989.31	1.33	ppb
Silver	107-1	0.25	0.25	0.28	0.26	5.61	ppb
Silver	109-1	0.25	0.23	0.28	0.25	9.40	ppb
Sodium	23-2	236.89	240.51	240.82	239.41	0.91	ppb
Strontium	86-1	189.87	184.20	190.83	188.30	1.90	ppb
Strontium	88-1	192.48	193.54	194.36	193.46	0.49	ppb
Sulfur	34-1	-1267.52	-1358.56	-1499.22	-1375.10		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.27	0.29	0.27	0.28	5.97	ppb
Thallium	205-1	0.28	0.28	0.29	0.28	3.40	ppb
Tin	118-1	1.84	1.86	2.05	1.92	6.12	ppb
Titanium	47-1	746.78	752.96	764.01	754.58	1.16	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-12	Instrumnet Name :	P7
Client Sample ID :	MYDA64	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:24:04	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.77	0.71	0.74	3.74	ppb
Vanadium	51-2	261.43	256.45	259.50	259.13	0.97	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	302.38	306.09	303.22	303.90	0.64	ppb
Zirconium	90-1	5.57	5.50	5.72	5.60	2.04	ppb
Zirconium	91-1	5.43	5.34	5.73	5.50	3.77	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-13	Instrumnet Name :	P7
Client Sample ID :	MYDA65	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:27:12	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38266.27	38498.84	38256.46	38340.52	0.36	ppb
Antimony	121-1	1.89	1.88	1.87	1.88	0.40	ppb
Arsenic	75-2	169.37	170.26	165.14	168.25	1.63	ppb
Barium	135-1	893.97	859.98	873.10	875.68	1.96	ppb
Barium	137-1	904.94	853.69	854.30	870.98	3.38	ppb
Beryllium	9-1	1.24	1.14	1.32	1.23	7.33	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.88	1.52	1.99	1.80	13.53	ppb
Cadmium	106-1	2.43	1.44	1.70	1.86	27.75	ppb
Cadmium	111-1	1.27	1.18	1.17	1.20	4.54	ppb
Calcium	43-1	18960.08	20312.53	20725.66	19999.42	4.62	ppb
Calcium	44-1	18645.83	18590.72	19081.31	18772.62	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145.67	144.94	146.00	145.53	0.37	ppb
Cobalt	59-2	67.57	68.19	67.98	67.91	0.47	ppb
Copper	63-2	200.23	202.42	199.33	200.66	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	168656.07	168803.70	168554.19	168671.32	0.07	ppb
Iron	57-2	164441.47	165976.84	164944.97	165121.09	0.47	ppb
Iron	54-2	167489.15	168884.34	169062.37	168478.62	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-13	Instrumnet Name :	P7
Client Sample ID :	MYDA65	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:27:12	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.46	65.93	65.82	64.40	3.96	ppb
Lead	207-1	62.70	70.53	68.54	67.26	6.05	ppb
Lead	208-1	63.33	67.05	66.67	65.68	3.11	ppb
Lithium	6-1				92		%
Magnesium	24-2	25918.75	26137.89	25623.08	25893.24	1.00	ppb
Manganese	55-2	9118.17	9150.12	9144.24	9137.51	0.19	ppb
Molybdenum	94-1	14.51	14.87	14.68	14.69	1.25	ppb
Molybdenum	95-1	2.51	2.45	2.50	2.48	1.28	ppb
Molybdenum	96-1	4.76	4.67	4.70	4.71	1.01	ppb
Molybdenum	97-1	2.31	2.36	2.37	2.35	1.19	ppb
Molybdenum	98-1	2.42	2.34	2.32	2.36	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.05	104.81	102.85	103.57	1.04	ppb
Phosphorus	31-2	4059.45	4084.12	4101.48	4081.68	0.52	ppb
Potassium	39-2	10415.73	10581.77	10560.85	10519.45	0.86	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	0.36	0.64	1.05	0.68	50.74	ppb
Selenium	77-2	11.14	13.76	12.59	12.50	10.52	ppb
Selenium	78-2	2.01	2.50	1.41	1.97	27.53	ppb
Silicon	28-1	856.95	876.92	889.32	874.40	1.87	ppb
Silver	107-1	0.34	0.34	0.34	0.34	0.13	ppb
Silver	109-1	0.33	0.33	0.33	0.33	0.83	ppb
Sodium	23-2	349.22	351.48	355.34	352.01	0.88	ppb
Strontium	86-1	168.65	167.80	167.57	168.01	0.34	ppb
Strontium	88-1	168.41	174.16	171.84	171.47	1.69	ppb
Sulfur	34-1	-1667.64	-1524.75	-1494.45	-1562.28		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.25	0.30	0.29	0.28	9.75	ppb
Thallium	205-1	0.27	0.28	0.29	0.28	3.75	ppb
Tin	118-1	2.03	1.84	1.88	1.92	5.20	ppb
Titanium	47-1	709.97	729.20	738.82	726.00	2.02	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-13	Instrumnet Name :	P7
Client Sample ID :	MYDA65	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:27:12	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.75	0.76	0.73	6.22	ppb
Vanadium	51-2	319.74	324.86	317.13	320.58	1.23	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	289.90	293.25	292.80	291.98	0.62	ppb
Zirconium	90-1	7.64	7.47	7.55	7.55	1.13	ppb
Zirconium	91-1	7.60	7.41	7.34	7.45	1.75	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:30:18	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45037.10	45269.68	44843.19	45049.99	0.47	ppb
Antimony	121-1	1.33	1.27	1.31	1.30	2.48	ppb
Arsenic	75-2	155.76	154.24	154.32	154.77	0.55	ppb
Barium	135-1	663.51	619.39	662.92	648.61	3.90	ppb
Barium	137-1	637.48	613.70	663.28	638.15	3.89	ppb
Beryllium	9-1	1.69	1.88	1.92	1.83	6.72	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.47	2.31	1.98	2.25	10.95	ppb
Cadmium	106-1	3.20	2.24	2.01	2.48	25.45	ppb
Cadmium	111-1	1.05	0.94	0.97	0.99	5.86	ppb
Calcium	43-1	9902.59	10068.82	10510.19	10160.53	3.09	ppb
Calcium	44-1	9335.44	9303.87	9687.19	9442.16	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.27	171.29	173.81	171.79	1.06	ppb
Cobalt	59-2	77.11	76.91	77.20	77.07	0.19	ppb
Copper	63-2	178.50	178.45	179.86	178.94	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				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	170510.90	170062.88	170760.30	170444.70	0.21	ppb
Iron	57-2	165673.51	166683.18	167101.23	166485.97	0.44	ppb
Iron	54-2	168743.81	167651.24	170073.40	168822.82	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:30:18	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.34	36.60	36.41	36.12	1.87	ppb
Lead	207-1	34.26	37.48	36.90	36.21	4.74	ppb
Lead	208-1	34.62	36.53	36.61	35.92	3.14	ppb
Lithium	6-1				96		%
Magnesium	24-2	24890.68	24987.45	24853.95	24910.69	0.28	ppb
Manganese	55-2	5432.93	5410.20	5471.68	5438.27	0.57	ppb
Molybdenum	94-1	26.07	27.11	25.65	26.27	2.86	ppb
Molybdenum	95-1	2.00	2.04	2.10	2.05	2.48	ppb
Molybdenum	96-1	5.74	5.61	5.48	5.61	2.29	ppb
Molybdenum	97-1	1.94	2.03	2.02	2.00	2.63	ppb
Molybdenum	98-1	1.94	1.97	2.00	1.97	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.27	128.44	130.42	129.38	0.77	ppb
Phosphorus	31-2	2225.02	2274.78	2320.52	2273.44	2.10	ppb
Potassium	39-2	12729.55	12697.88	12960.40	12795.95	1.12	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.31	0.82	0.70	0.61	43.42	ppb
Selenium	77-2	14.98	15.57	15.60	15.38	2.26	ppb
Selenium	78-2	2.63	2.27	3.41	2.77	21.14	ppb
Silicon	28-1	840.02	782.48	819.97	814.16	3.59	ppb
Silver	107-1	0.24	0.24	0.25	0.24	2.79	ppb
Silver	109-1	0.24	0.23	0.25	0.24	3.37	ppb
Sodium	23-2	190.31	190.50	190.09	190.30	0.11	ppb
Strontium	86-1	88.13	89.42	85.49	87.68	2.29	ppb
Strontium	88-1	90.11	91.67	88.57	90.12	1.72	ppb
Sulfur	34-1	-1882.53	-1980.47	-1802.65	-1888.55		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.33	0.37	0.39	0.37	7.83	ppb
Thallium	205-1	0.35	0.37	0.38	0.37	4.44	ppb
Tin	118-1	1.96	1.72	1.84	1.84	6.41	ppb
Titanium	47-1	866.69	843.55	870.20	860.15	1.68	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:30:18	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.21	1.24	1.18	6.09	ppb
Vanadium	51-2	323.40	324.12	327.43	324.99	0.66	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	230.39	229.89	232.24	230.84	0.54	ppb
Zirconium	90-1	14.65	14.72	14.94	14.77	1.02	ppb
Zirconium	91-1	15.27	14.67	14.63	14.86	2.42	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:33:26	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45304.17	44518.64	45351.78	45058.20	1.04	ppb
Antimony	121-1	1.34	1.33	1.26	1.31	3.14	ppb
Arsenic	75-2	152.03	152.30	155.05	153.13	1.09	ppb
Barium	135-1	668.32	687.48	643.58	666.46	3.30	ppb
Barium	137-1	656.16	664.50	634.84	651.83	2.35	ppb
Beryllium	9-1	1.72	1.89	1.79	1.80	4.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.13	1.82	2.17	2.04	9.30	ppb
Cadmium	106-1	3.33	2.96	2.05	2.78	23.70	ppb
Cadmium	111-1	1.00	0.99	0.90	0.97	5.85	ppb
Calcium	43-1	9697.64	10114.18	10087.39	9966.40	2.34	ppb
Calcium	44-1	9173.83	9349.19	9403.60	9308.87	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.79	170.61	170.41	170.60	0.11	ppb
Cobalt	59-2	76.87	77.31	77.36	77.18	0.35	ppb
Copper	63-2	178.54	178.33	179.00	178.62	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				105		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	168526.51	170507.68	170186.77	169740.32	0.63	ppb
Iron	57-2	166293.25	164537.64	167485.53	166105.47	0.89	ppb
Iron	54-2	167042.64	167184.04	167862.36	167363.01	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:33:26	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.42	36.81	38.17	36.80	3.74	ppb
Lead	207-1	34.30	35.20	39.21	36.24	7.21	ppb
Lead	208-1	34.80	35.11	38.05	35.99	4.98	ppb
Lithium	6-1				98		%
Magnesium	24-2	24885.12	24466.19	25166.30	24839.20	1.42	ppb
Manganese	55-2	5531.39	5496.23	5584.69	5537.44	0.80	ppb
Molybdenum	94-1	26.09	26.34	27.41	26.62	2.64	ppb
Molybdenum	95-1	2.10	2.06	2.06	2.07	1.08	ppb
Molybdenum	96-1	5.80	5.90	5.64	5.78	2.31	ppb
Molybdenum	97-1	2.04	1.98	2.14	2.05	3.78	ppb
Molybdenum	98-1	2.08	2.02	2.03	2.04	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.54	129.37	131.18	130.37	0.70	ppb
Phosphorus	31-2	2233.13	2262.21	2230.79	2242.04	0.78	ppb
Potassium	39-2	12741.68	12550.25	12749.82	12680.58	0.89	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.53	0.76	1.10	0.80	35.81	ppb
Selenium	77-2	18.11	14.92	18.87	17.30	12.10	ppb
Selenium	78-2	3.26	2.73	3.41	3.14	11.34	ppb
Silicon	28-1	815.47	828.96	799.65	814.70	1.80	ppb
Silver	107-1	0.25	0.25	0.24	0.25	1.81	ppb
Silver	109-1	0.24	0.26	0.23	0.24	6.47	ppb
Sodium	23-2	186.28	186.80	188.11	187.06	0.51	ppb
Strontium	86-1	89.80	90.37	91.86	90.68	1.17	ppb
Strontium	88-1	90.97	90.11	93.63	91.57	2.00	ppb
Sulfur	34-1	-1926.28	-1843.91	-1832.44	-1867.54		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.34	0.34	0.39	0.36	7.72	ppb
Thallium	205-1	0.34	0.34	0.37	0.35	4.26	ppb
Tin	118-1	2.02	1.97	1.83	1.94	5.14	ppb
Titanium	47-1	841.79	842.63	843.12	842.52	0.08	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:33:26	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.13	1.25	1.17	6.19	ppb
Vanadium	51-2	316.30	321.86	323.92	320.69	1.23	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	231.48	229.60	231.30	230.80	0.45	ppb
Zirconium	90-1	14.78	14.69	14.95	14.81	0.89	ppb
Zirconium	91-1	15.04	15.31	14.89	15.08	1.41	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 17:36:32	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9374.90	9393.75	9346.84	9371.83	0.25	ppb
Antimony	121-1	0.25	0.26	0.27	0.26	2.65	ppb
Arsenic	75-2	31.91	32.14	31.17	31.74	1.61	ppb
Barium	135-1	115.12	118.35	119.30	117.59	1.86	ppb
Barium	137-1	116.01	118.08	118.64	117.58	1.18	ppb
Beryllium	9-1	0.32	0.33	0.34	0.33	1.82	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.41	0.34	0.29	0.34	17.71	ppb
Cadmium	106-1	-0.02	-0.13	-0.05	-0.07		ppb
Cadmium	111-1	0.14	0.14	0.14	0.14	1.77	ppb
Calcium	43-1	2138.36	2083.60	2150.59	2124.18	1.68	ppb
Calcium	44-1	2008.88	2003.39	2041.69	2017.99	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.32	35.75	35.89	35.99	0.82	ppb
Cobalt	59-2	16.32	16.46	16.15	16.31	0.95	ppb
Copper	63-2	38.11	38.31	38.11	38.18	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	35424.60	35875.96	35539.19	35613.25	0.66	ppb
Iron	57-2	35075.33	34911.61	34966.58	34984.51	0.24	ppb
Iron	54-2	35386.91	35987.35	34818.72	35397.66	1.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 17:36:32	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.19	7.30	7.23	7.24	0.78	ppb
Lead	207-1	6.95	6.91	7.18	7.01	2.07	ppb
Lead	208-1	7.09	7.05	7.14	7.09	0.65	ppb
Lithium	6-1				100		%
Magnesium	24-2	5262.81	5191.97	5151.69	5202.16	1.08	ppb
Manganese	55-2	1136.98	1144.04	1112.55	1131.19	1.46	ppb
Molybdenum	94-1	5.09	5.21	5.16	5.15	1.18	ppb
Molybdenum	95-1	0.39	0.39	0.38	0.39	1.29	ppb
Molybdenum	96-1	1.04	1.12	1.11	1.09	4.22	ppb
Molybdenum	97-1	0.35	0.40	0.39	0.38	7.65	ppb
Molybdenum	98-1	0.38	0.40	0.40	0.39	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.57	27.77	27.23	27.52	0.99	ppb
Phosphorus	31-2	475.16	461.76	472.61	469.85	1.51	ppb
Potassium	39-2	2635.60	2654.67	2651.39	2647.22	0.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.39	0.09	-0.01	0.16	131.49	ppb
Selenium	77-2	4.03	3.27	4.30	3.86	13.80	ppb
Selenium	78-2	0.17	0.38	-0.18	0.12	230.34	ppb
Silicon	28-1	170.09	169.08	172.62	170.60	1.07	ppb
Silver	107-1	0.04	0.05	0.06	0.05	11.18	ppb
Silver	109-1	0.04	0.06	0.05	0.05	13.81	ppb
Sodium	23-2	61.48	61.78	61.40	61.55	0.33	ppb
Strontium	86-1	17.61	17.96	17.95	17.84	1.12	ppb
Strontium	88-1	17.65	17.91	17.96	17.84	0.93	ppb
Sulfur	34-1	-1727.18	-1856.69	-1802.55	-1795.47		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.05	0.06	0.06	9.62	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.78	ppb
Tin	118-1	0.44	0.46	0.46	0.45	2.13	ppb
Titanium	47-1	177.18	177.65	181.41	178.75	1.30	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 17:36:32	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.22	0.21	1.84	ppb
Vanadium	51-2	68.95	68.70	68.30	68.65	0.48	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	53.57	54.85	52.62	53.68	2.08	ppb
Zirconium	90-1	2.86	2.97	2.93	2.92	1.92	ppb
Zirconium	91-1	2.87	2.95	2.98	2.93	1.86	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:39:47	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46473.33	47124.31	47327.87	46975.17	0.95	ppb
Antimony	121-1	59.08	59.24	59.54	59.29	0.39	ppb
Arsenic	75-2	179.14	178.88	184.25	180.76	1.67	ppb
Barium	135-1	1793.31	1815.95	1821.56	1810.27	0.83	ppb
Barium	137-1	1807.44	1813.60	1820.39	1813.81	0.36	ppb
Beryllium	9-1	28.88	29.95	30.14	29.66	2.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.24	28.27	29.63	28.71	2.76	ppb
Cadmium	106-1	29.18	29.23	30.29	29.57	2.12	ppb
Cadmium	111-1	30.02	30.33	30.53	30.29	0.85	ppb
Calcium	43-1	10029.35	10220.03	10127.31	10125.56	0.94	ppb
Calcium	44-1	9365.35	9644.62	9536.16	9515.38	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	283.92	284.32	282.12	283.45	0.41	ppb
Cobalt	59-2	349.98	354.37	354.71	353.02	0.75	ppb
Copper	63-2	312.53	314.37	315.28	314.06	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				106		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	174452.78	175817.33	178045.34	176105.15	1.03	ppb
Iron	57-2	169626.50	172249.88	171999.30	171291.90	0.85	ppb
Iron	54-2	173547.70	173585.21	174392.59	173841.83	0.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:39:47	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.33	48.28	49.18	48.60	1.04	ppb
Lead	207-1	47.72	47.37	49.47	48.19	2.34	ppb
Lead	208-1	47.89	47.75	49.26	48.30	1.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	25368.23	25280.81	25449.35	25366.13	0.33	ppb
Manganese	55-2	5819.26	5858.59	5832.99	5836.95	0.34	ppb
Molybdenum	94-1	26.72	27.22	27.38	27.11	1.28	ppb
Molybdenum	95-1	2.08	2.08	2.11	2.09	0.75	ppb
Molybdenum	96-1	5.75	5.69	5.92	5.79	2.05	ppb
Molybdenum	97-1	2.04	2.02	2.10	2.05	2.18	ppb
Molybdenum	98-1	2.01	2.06	2.05	2.04	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	397.81	397.88	402.63	399.44	0.69	ppb
Phosphorus	31-2	2293.21	2311.16	2336.42	2313.60	0.94	ppb
Potassium	39-2	12863.15	12896.29	12888.52	12882.65	0.13	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	62.53	62.94	62.16	62.54	0.63	ppb
Selenium	77-2	75.46	77.91	77.17	76.85	1.64	ppb
Selenium	78-2	63.40	63.62	64.66	63.89	1.06	ppb
Silicon	28-1	830.34	859.81	854.97	848.37	1.86	ppb
Silver	107-1	25.24	25.59	25.74	25.52	1.01	ppb
Silver	109-1	25.48	25.62	25.58	25.56	0.28	ppb
Sodium	23-2	177.52	180.28	181.71	179.84	1.19	ppb
Strontium	86-1	91.31	90.38	91.81	91.17	0.80	ppb
Strontium	88-1	91.56	91.32	92.14	91.67	0.46	ppb
Sulfur	34-1	-1839.56	-1791.43	-1834.66	-1821.88		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	26.96	27.03	28.04	27.35	2.22	ppb
Thallium	205-1	26.90	26.60	27.75	27.08	2.22	ppb
Tin	118-1	1.88	1.92	1.88	1.89	1.13	ppb
Titanium	47-1	853.44	866.89	863.44	861.26	0.81	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:39:47	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.21	1.24	1.23	1.26	ppb
Vanadium	51-2	590.18	599.07	596.77	595.34	0.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	505.17	508.30	511.29	508.25	0.60	ppb
Zirconium	90-1	15.15	15.44	15.28	15.29	0.98	ppb
Zirconium	91-1	15.23	15.13	15.43	15.26	0.99	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14MS	Instrumnet Name :	P7
Client Sample ID :	MYDA66SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:42:48	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49330.02	49137.87	49588.72	49352.20	0.46	ppb
Antimony	121-1	235.94	237.65	239.82	237.80	0.82	ppb
Arsenic	75-2	241.19	239.63	236.94	239.25	0.90	ppb
Barium	135-1	6144.75	6166.38	6149.29	6153.47	0.19	ppb
Barium	137-1	6167.25	6099.81	6142.74	6136.60	0.56	ppb
Beryllium	9-1	132.95	133.10	134.62	133.56	0.69	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	106.82	109.22	109.92	108.65	1.50	ppb
Cadmium	106-1	107.05	107.06	104.16	106.09	1.57	ppb
Cadmium	111-1	118.49	118.16	116.18	117.61	1.06	ppb
Calcium	43-1	9856.41	9955.69	10029.96	9947.35	0.88	ppb
Calcium	44-1	9307.65	9432.16	9298.03	9345.95	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	698.55	687.39	702.60	696.18	1.13	ppb
Cobalt	59-2	1386.23	1381.64	1400.10	1389.32	0.69	ppb
Copper	63-2	803.57	799.73	803.09	802.13	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				105		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	169341.34	169927.11	169117.48	169461.98	0.25	ppb
Iron	57-2	166096.76	169679.76	168430.25	168068.92	1.08	ppb
Iron	54-2	169720.07	168501.92	171925.36	170049.12	1.02	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14MS	Instrumnet Name :	P7
Client Sample ID :	MYDA66SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:42:48	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	78.65	78.68	78.84	78.72	0.13	ppb
Lead	207-1	76.93	76.24	76.84	76.67	0.49	ppb
Lead	208-1	77.54	77.32	77.90	77.59	0.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	24570.44	24357.60	24569.50	24499.18	0.50	ppb
Manganese	55-2	6632.65	6591.88	6658.18	6627.57	0.50	ppb
Molybdenum	94-1	25.80	26.09	26.60	26.16	1.55	ppb
Molybdenum	95-1	2.06	2.06	2.05	2.06	0.18	ppb
Molybdenum	96-1	5.56	5.57	5.61	5.58	0.49	ppb
Molybdenum	97-1	2.00	2.01	2.03	2.01	0.79	ppb
Molybdenum	98-1	1.99	2.03	2.02	2.01	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1447.60	1461.28	1458.25	1455.71	0.49	ppb
Phosphorus	31-2	2245.61	2204.89	2261.59	2237.36	1.31	ppb
Potassium	39-2	12502.87	12495.71	12365.13	12454.57	0.62	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	299.24	302.13	300.84	300.74	0.48	ppb
Selenium	77-2	306.16	314.24	310.09	310.16	1.30	ppb
Selenium	78-2	300.51	301.70	293.11	298.44	1.56	ppb
Silicon	28-1	806.29	823.80	825.18	818.42	1.29	ppb
Silver	107-1	76.63	60.96	125.65	87.74	38.46	ppb
Silver	109-1	71.31	69.48	86.06	75.62	12.02	ppb
Sodium	23-2	175.75	175.22	174.81	175.26	0.27	ppb
Strontium	86-1	86.82	87.04	87.80	87.22	0.59	ppb
Strontium	88-1	87.08	88.29	88.32	87.90	0.80	ppb
Sulfur	34-1	-1826.65	-1874.94	-1896.21	-1865.93		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	105.89	106.40	106.99	106.42	0.52	ppb
Thallium	205-1	118.68	116.87	119.26	118.27	1.05	ppb
Tin	118-1	1.78	1.77	1.76	1.77	0.64	ppb
Titanium	47-1	832.77	842.52	832.16	835.82	0.70	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14MS	Instrumnet Name :	P7
Client Sample ID :	MYDA66SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:42:48	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.16	1.17	1.16	1.39	ppb
Vanadium	51-2	1595.63	1589.93	1610.20	1598.59	0.65	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1541.59	1521.13	1539.13	1533.95	0.73	ppb
Zirconium	90-1	14.43	14.60	14.75	14.59	1.09	ppb
Zirconium	91-1	14.42	14.59	14.67	14.56	0.89	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-17	Instrumnet Name :	P7
Client Sample ID :	MYDA67	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:45:48	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37773.03	38599.72	37980.31	38117.69	1.13	ppb
Antimony	121-1	2.12	2.13	2.13	2.13	0.21	ppb
Arsenic	75-2	154.36	151.69	153.44	153.16	0.88	ppb
Barium	135-1	559.36	556.25	570.15	561.92	1.30	ppb
Barium	137-1	549.66	555.26	574.64	559.86	2.34	ppb
Beryllium	9-1	1.12	1.19	1.11	1.14	4.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.60	1.71	1.40	1.57	10.02	ppb
Cadmium	106-1	2.01	1.10	0.60	1.24	57.65	ppb
Cadmium	111-1	0.97	0.97	0.99	0.98	0.88	ppb
Calcium	43-1	9595.33	9458.41	9801.73	9618.49	1.80	ppb
Calcium	44-1	8976.48	9068.66	9232.69	9092.61	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156.07	155.48	157.10	156.22	0.53	ppb
Cobalt	59-2	65.86	65.12	65.78	65.59	0.62	ppb
Copper	63-2	171.51	171.51	171.90	171.64	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	171679.24	169731.09	171054.75	170821.69	0.58	ppb
Iron	57-2	168717.03	165750.78	167237.70	167235.17	0.89	ppb
Iron	54-2	170692.94	169780.45	171341.15	170604.85	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-17	Instrumnet Name :	P7
Client Sample ID :	MYDA67	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:45:48	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.51	46.52	48.79	48.27	3.23	ppb
Lead	207-1	50.57	47.80	50.84	49.74	3.39	ppb
Lead	208-1	48.92	47.82	50.27	49.00	2.50	ppb
Lithium	6-1				97		%
Magnesium	24-2	24963.52	25102.71	25164.88	25077.04	0.41	ppb
Manganese	55-2	6910.81	6837.96	6881.54	6876.77	0.53	ppb
Molybdenum	94-1	10.94	10.85	10.84	10.87	0.53	ppb
Molybdenum	95-1	2.05	2.14	2.19	2.13	3.30	ppb
Molybdenum	96-1	3.87	3.89	3.91	3.89	0.52	ppb
Molybdenum	97-1	2.04	2.01	2.12	2.06	2.72	ppb
Molybdenum	98-1	2.04	2.04	2.01	2.03	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.53	97.56	97.34	97.48	0.12	ppb
Phosphorus	31-2	2707.35	2657.29	2701.75	2688.80	1.02	ppb
Potassium	39-2	9002.30	8989.97	9068.07	9020.11	0.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.86	1.00	0.49	0.79	33.37	ppb
Selenium	77-2	12.03	12.58	10.03	11.55	11.63	ppb
Selenium	78-2	2.16	1.75	2.65	2.19	20.76	ppb
Silicon	28-1	750.55	756.68	764.81	757.34	0.94	ppb
Silver	107-1	0.24	0.20	0.18	0.21	14.14	ppb
Silver	109-1	0.27	0.20	0.19	0.22	20.25	ppb
Sodium	23-2	175.97	174.12	179.28	176.46	1.48	ppb
Strontium	86-1	87.59	85.72	85.71	86.34	1.25	ppb
Strontium	88-1	87.81	87.22	87.47	87.50	0.34	ppb
Sulfur	34-1	-1425.58	-1511.68	-1452.21	-1463.16		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.24	0.23	0.24	0.24	3.64	ppb
Thallium	205-1	0.23	0.24	0.25	0.24	3.11	ppb
Tin	118-1	1.58	1.74	1.64	1.65	4.76	ppb
Titanium	47-1	650.84	656.49	671.07	659.47	1.58	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-17	Instrumnet Name :	P7
Client Sample ID :	MYDA67	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:45:48	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.63	0.69	0.66	4.42	ppb
Vanadium	51-2	311.17	312.44	312.33	311.98	0.23	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	262.07	258.79	264.86	261.91	1.16	ppb
Zirconium	90-1	5.46	5.66	5.56	5.56	1.79	ppb
Zirconium	91-1	5.49	5.57	5.44	5.50	1.16	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-18	Instrumnet Name :	P7
Client Sample ID :	MYDA68	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:48:55	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53548.95	53619.31	53706.52	53624.93	0.15	ppb
Antimony	121-1	1.89	1.89	1.92	1.90	0.83	ppb
Arsenic	75-2	225.57	224.33	224.67	224.86	0.28	ppb
Barium	135-1	849.52	850.64	860.75	853.64	0.72	ppb
Barium	137-1	821.64	849.33	870.81	847.26	2.91	ppb
Beryllium	9-1	1.61	1.75	1.71	1.69	4.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.36	2.58	2.85	2.60	9.42	ppb
Cadmium	106-1	2.56	3.35	2.44	2.78	17.67	ppb
Cadmium	111-1	1.46	1.51	1.46	1.48	2.18	ppb
Calcium	43-1	9850.94	9895.72	9769.60	9838.75	0.65	ppb
Calcium	44-1	9144.46	9185.72	9351.61	9227.27	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	263.54	264.48	267.71	265.25	0.82	ppb
Cobalt	59-2	94.23	93.34	93.93	93.83	0.48	ppb
Copper	63-2	274.26	265.80	266.82	268.96	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				105		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	222712.54	222429.68	223219.06	222787.09	0.18	ppb
Iron	57-2	216969.02	216733.42	218027.21	217243.21	0.32	ppb
Iron	54-2	221421.87	223497.65	223555.39	222824.97	0.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-18	Instrumnet Name :	P7
Client Sample ID :	MYDA68	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:48:55	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.05	63.87	62.37	63.10	1.20	ppb
Lead	207-1	65.24	63.46	63.45	64.05	1.61	ppb
Lead	208-1	63.28	62.51	63.65	63.15	0.92	ppb
Lithium	6-1				92		%
Magnesium	24-2	34235.43	33526.96	33673.33	33811.91	1.11	ppb
Manganese	55-2	9257.10	9357.05	9334.66	9316.27	0.56	ppb
Molybdenum	94-1	22.33	23.24	22.72	22.77	2.01	ppb
Molybdenum	95-1	3.26	3.43	3.41	3.37	2.86	ppb
Molybdenum	96-1	6.43	6.81	6.65	6.63	2.89	ppb
Molybdenum	97-1	3.30	3.30	3.36	3.32	0.99	ppb
Molybdenum	98-1	3.12	3.24	3.28	3.21	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	153.62	152.06	152.70	152.79	0.51	ppb
Phosphorus	31-2	2746.48	2760.39	2755.41	2754.10	0.26	ppb
Potassium	39-2	12842.13	12902.07	13001.95	12915.38	0.63	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.77	0.83	0.97	0.86	12.12	ppb
Selenium	77-2	16.45	15.22	15.97	15.88	3.91	ppb
Selenium	78-2	3.57	2.40	2.63	2.87	21.58	ppb
Silicon	28-1	940.35	982.87	960.46	961.23	2.21	ppb
Silver	107-1	0.34	0.35	0.36	0.35	2.35	ppb
Silver	109-1	0.33	0.36	0.35	0.34	4.45	ppb
Sodium	23-2	206.66	207.50	206.77	206.98	0.22	ppb
Strontium	86-1	104.46	109.47	106.66	106.86	2.35	ppb
Strontium	88-1	107.29	108.33	108.39	108.00	0.57	ppb
Sulfur	34-1	-1811.44	-1717.27	-1830.28	-1786.33		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.35	0.36	0.34	0.35	3.34	ppb
Thallium	205-1	0.36	0.35	0.37	0.36	2.80	ppb
Tin	118-1	1.79	1.96	1.96	1.90	5.22	ppb
Titanium	47-1	1008.73	1017.54	1026.93	1017.73	0.89	ppb

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-18	Instrumnet Name :	P7
Client Sample ID :	MYDA68	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:48:55	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.03	1.07	1.06	2.51	ppb
Vanadium	51-2	429.96	423.46	433.65	429.03	1.20	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	318.02	314.76	314.43	315.74	0.63	ppb
Zirconium	90-1	11.79	12.11	12.13	12.01	1.58	ppb
Zirconium	91-1	11.60	12.32	11.97	11.96	3.02	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-19	Instrumnet Name :	P7
Client Sample ID :	MYDA69	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:52:02	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29464.35	29562.41	29686.95	29571.23	0.38	ppb
Antimony	121-1	1.20	1.21	1.27	1.23	2.90	ppb
Arsenic	75-2	69.41	68.60	68.74	68.92	0.63	ppb
Barium	135-1	318.16	317.20	326.34	320.57	1.57	ppb
Barium	137-1	329.50	329.56	336.67	331.91	1.24	ppb
Beryllium	9-1	1.04	1.04	1.04	1.04	0.30	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.26	1.23	1.27	1.25	1.81	ppb
Cadmium	106-1	1.49	0.38	1.07	0.98	57.29	ppb
Cadmium	111-1	0.70	0.64	0.69	0.68	4.15	ppb
Calcium	43-1	9559.34	9669.33	9710.58	9646.42	0.81	ppb
Calcium	44-1	9036.04	9186.62	9171.63	9131.43	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.43	78.23	78.38	78.35	0.14	ppb
Cobalt	59-2	37.73	37.84	38.03	37.86	0.40	ppb
Copper	63-2	123.72	123.52	122.94	123.40	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	90969.97	89581.76	90595.39	90382.37	0.79	ppb
Iron	57-2	89394.47	89441.90	87588.46	88808.28	1.19	ppb
Iron	54-2	90566.33	90653.79	90609.41	90609.85	0.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-19	Instrumnet Name :	P7
Client Sample ID :	MYDA69	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:52:02	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.28	31.81	32.17	31.75	1.41	ppb
Lead	207-1	30.96	31.05	31.73	31.25	1.34	ppb
Lead	208-1	31.09	31.15	31.73	31.32	1.12	ppb
Lithium	6-1				94		%
Magnesium	24-2	16864.59	17084.94	16960.56	16970.03	0.65	ppb
Manganese	55-2	2417.75	2368.95	2366.11	2384.27	1.22	ppb
Molybdenum	94-1	11.69	11.89	11.90	11.83	1.00	ppb
Molybdenum	95-1	0.82	0.89	0.87	0.86	4.28	ppb
Molybdenum	96-1	2.49	2.50	2.52	2.50	0.57	ppb
Molybdenum	97-1	0.82	0.81	0.87	0.83	4.17	ppb
Molybdenum	98-1	0.79	0.80	0.83	0.81	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.05	62.15	62.19	62.13	0.11	ppb
Phosphorus	31-2	2015.92	2014.67	1999.40	2010.00	0.46	ppb
Potassium	39-2	7841.27	7851.55	7889.94	7860.92	0.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.12	0.08	0.82	0.34	122.27	ppb
Selenium	77-2	14.75	15.38	13.20	14.44	7.74	ppb
Selenium	78-2	2.58	1.15	2.93	2.22	42.35	ppb
Silicon	28-1	825.20	853.73	839.73	839.55	1.70	ppb
Silver	107-1	0.16	0.16	0.17	0.16	3.46	ppb
Silver	109-1	0.16	0.16	0.16	0.16	0.61	ppb
Sodium	23-2	196.10	196.00	198.06	196.72	0.59	ppb
Strontium	86-1	56.87	57.89	58.31	57.69	1.29	ppb
Strontium	88-1	58.79	58.68	59.72	59.06	0.97	ppb
Sulfur	34-1	-1746.40	-1763.32	-1865.56	-1791.76		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.19	0.18	0.18	0.18	2.63	ppb
Thallium	205-1	0.16	0.17	0.18	0.17	4.08	ppb
Tin	118-1	2.00	2.05	2.06	2.04	1.77	ppb
Titanium	47-1	902.75	938.50	928.07	923.11	1.99	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-19	Instrumnet Name :	P7
Client Sample ID :	MYDA69	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:52:02	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.77	0.79	0.77	2.30	ppb
Vanadium	51-2	171.95	171.45	172.34	171.91	0.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	176.28	175.71	177.61	176.53	0.55	ppb
Zirconium	90-1	6.61	6.65	6.79	6.68	1.45	ppb
Zirconium	91-1	6.71	6.66	6.83	6.73	1.31	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-20	Instrumnet Name :	P7
Client Sample ID :	MYDA70	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:55:10	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33907.48	34074.10	34034.92	34005.50	0.26	ppb
Antimony	121-1	1.62	1.63	1.68	1.64	1.94	ppb
Arsenic	75-2	132.24	133.09	131.32	132.22	0.67	ppb
Barium	135-1	263.17	261.43	265.82	263.47	0.84	ppb
Barium	137-1	261.82	263.48	266.31	263.87	0.86	ppb
Beryllium	9-1	1.03	0.92	0.98	0.98	5.86	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.54	1.59	1.28	1.47	11.24	ppb
Cadmium	106-1	1.40	1.25	1.58	1.41	11.96	ppb
Cadmium	111-1	0.66	0.68	0.76	0.70	7.41	ppb
Calcium	43-1	9892.75	10002.02	9968.74	9954.50	0.56	ppb
Calcium	44-1	9249.30	9423.33	9382.71	9351.78	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.31	107.27	108.96	108.18	0.79	ppb
Cobalt	59-2	46.71	46.88	47.35	46.98	0.71	ppb
Copper	63-2	158.93	158.75	159.91	159.20	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				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	100125.34	101293.85	101386.85	100935.35	0.70	ppb
Iron	57-2	98224.50	98376.59	99367.04	98656.04	0.63	ppb
Iron	54-2	99403.42	101076.69	101435.37	100638.49	1.08	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-20	Instrumnet Name :	P7
Client Sample ID :	MYDA70	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:55:10	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.22	28.40	28.23	28.28	0.35	ppb
Lead	207-1	26.60	26.95	26.13	26.56	1.55	ppb
Lead	208-1	26.87	27.37	26.66	26.97	1.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	21619.67	21670.38	21573.04	21621.03	0.23	ppb
Manganese	55-2	1968.57	1975.92	1980.67	1975.06	0.31	ppb
Molybdenum	94-1	14.79	14.84	14.88	14.84	0.32	ppb
Molybdenum	95-1	0.97	0.96	0.93	0.95	1.79	ppb
Molybdenum	96-1	2.97	3.01	2.94	2.97	1.21	ppb
Molybdenum	97-1	0.95	0.97	0.92	0.94	2.62	ppb
Molybdenum	98-1	0.95	0.94	0.85	0.91	5.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.15	72.07	72.53	72.25	0.34	ppb
Phosphorus	31-2	1737.64	1760.49	1786.28	1761.47	1.38	ppb
Potassium	39-2	6272.79	6367.81	6358.40	6333.00	0.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.72	0.00	0.33	0.35	103.69	ppb
Selenium	77-2	10.29	8.40	9.59	9.43	10.13	ppb
Selenium	78-2	3.64	1.36	1.18	2.06	66.51	ppb
Silicon	28-1	751.25	761.80	758.87	757.30	0.72	ppb
Silver	107-1	0.12	0.12	0.12	0.12	1.96	ppb
Silver	109-1	0.12	0.12	0.12	0.12	3.16	ppb
Sodium	23-2	143.85	145.45	146.34	145.22	0.87	ppb
Strontium	86-1	65.72	65.93	65.82	65.82	0.16	ppb
Strontium	88-1	65.79	66.15	67.38	66.44	1.26	ppb
Sulfur	34-1	-1975.28	-1913.19	-1937.56	-1942.01		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.12	0.11	0.11	7.18	ppb
Thallium	205-1	0.11	0.12	0.12	0.12	6.05	ppb
Tin	118-1	2.25	2.29	2.35	2.30	2.14	ppb
Titanium	47-1	1060.04	1060.28	1055.41	1058.58	0.26	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-20	Instrumnet Name :	P7
Client Sample ID :	MYDA70	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:55:10	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.83	0.82	0.82	1.21	ppb
Vanadium	51-2	209.37	211.65	211.13	210.72	0.57	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	200.69	199.55	201.87	200.71	0.58	ppb
Zirconium	90-1	8.40	8.57	8.43	8.47	1.05	ppb
Zirconium	91-1	8.45	8.50	8.48	8.48	0.33	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-21	Instrumnet Name :	P7
Client Sample ID :	MYDA71	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:58:20	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60218.51	60009.22	60166.43	60131.39	0.18	ppb
Antimony	121-1	1.88	2.00	1.98	1.95	3.30	ppb
Arsenic	75-2	233.81	233.86	239.89	235.85	1.48	ppb
Barium	135-1	733.21	741.46	741.91	738.86	0.66	ppb
Barium	137-1	727.92	740.24	740.55	736.24	0.98	ppb
Beryllium	9-1	1.61	1.49	1.52	1.54	3.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.43	2.79	2.68	2.63	6.93	ppb
Cadmium	106-1	2.85	4.33	3.21	3.46	22.22	ppb
Cadmium	111-1	1.67	1.81	1.68	1.72	4.41	ppb
Calcium	43-1	8849.28	8702.85	8830.46	8794.20	0.91	ppb
Calcium	44-1	8379.33	8278.44	8422.24	8360.00	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	224.94	226.79	228.38	226.70	0.76	ppb
Cobalt	59-2	104.07	102.71	103.88	103.56	0.71	ppb
Copper	63-2	308.87	305.49	304.68	306.34	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				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	250456.33	249972.68	248984.52	249804.51	0.30	ppb
Iron	57-2	245566.85	241111.92	242413.54	243030.77	0.94	ppb
Iron	54-2	247515.37	247162.29	249669.86	248115.84	0.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-21	Instrumnet Name :	P7
Client Sample ID :	MYDA71	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:58:20	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.95	71.48	71.29	71.24	0.37	ppb
Lead	207-1	73.24	70.51	72.44	72.06	1.95	ppb
Lead	208-1	72.88	71.03	72.49	72.13	1.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	39051.26	38422.34	38415.84	38629.81	0.94	ppb
Manganese	55-2	8802.07	8908.22	8923.07	8877.78	0.74	ppb
Molybdenum	94-1	23.34	24.07	23.76	23.72	1.56	ppb
Molybdenum	95-1	2.30	2.32	2.26	2.29	1.52	ppb
Molybdenum	96-1	5.99	6.30	6.00	6.10	2.90	ppb
Molybdenum	97-1	2.12	2.22	2.14	2.16	2.58	ppb
Molybdenum	98-1	2.11	2.12	2.16	2.13	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.60	139.91	140.41	140.64	0.62	ppb
Phosphorus	31-2	2138.65	2100.13	2200.62	2146.47	2.36	ppb
Potassium	39-2	12844.38	12797.69	12864.19	12835.42	0.27	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	0.82	0.76	0.93	0.84	10.68	ppb
Selenium	77-2	17.78	16.05	16.23	16.69	5.70	ppb
Selenium	78-2	3.00	3.10	3.39	3.16	6.45	ppb
Silicon	28-1	811.52	822.88	806.36	813.58	1.04	ppb
Silver	107-1	0.41	0.42	0.41	0.41	1.22	ppb
Silver	109-1	0.39	0.42	0.39	0.40	4.65	ppb
Sodium	23-2	183.80	183.46	183.83	183.70	0.11	ppb
Strontium	86-1	91.68	95.17	92.20	93.02	2.03	ppb
Strontium	88-1	92.73	93.73	92.87	93.11	0.58	ppb
Sulfur	34-1	-1947.88	-1928.64	-1919.07	-1931.86		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.31	0.31	0.32	0.31	1.87	ppb
Thallium	205-1	0.32	0.31	0.32	0.32	2.32	ppb
Tin	118-1	1.81	1.87	1.81	1.83	1.92	ppb
Titanium	47-1	941.36	960.96	964.04	955.45	1.29	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-21	Instrumnet Name :	P7
Client Sample ID :	MYDA71	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:58:20	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	0.96	0.99	0.99	2.77	ppb
Vanadium	51-2	435.91	434.08	432.26	434.08	0.42	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	348.58	344.66	350.51	347.92	0.86	ppb
Zirconium	90-1	13.34	13.56	13.40	13.43	0.83	ppb
Zirconium	91-1	13.07	13.87	13.22	13.38	3.20	ppb

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-22	Instrumnet Name :	P7
Client Sample ID :	MYDA72	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:01:25	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64312.80	64559.72	64834.76	64569.09	0.40	ppb
Antimony	121-1	1.18	1.17	1.21	1.19	1.74	ppb
Arsenic	75-2	260.65	256.45	260.09	259.06	0.88	ppb
Barium	135-1	198.19	199.96	197.87	198.67	0.57	ppb
Barium	137-1	198.54	201.03	200.65	200.07	0.67	ppb
Beryllium	9-1	0.70	0.72	0.75	0.72	3.75	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.36	2.70	2.43	2.50	7.06	ppb
Cadmium	106-1	2.18	3.98	2.23	2.80	36.64	ppb
Cadmium	111-1	1.20	1.23	1.07	1.17	7.31	ppb
Calcium	43-1	3994.32	4063.98	4073.83	4044.04	1.07	ppb
Calcium	44-1	3713.97	3828.40	3768.49	3770.29	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208.62	210.65	210.89	210.06	0.59	ppb
Cobalt	59-2	80.69	81.68	82.13	81.50	0.90	ppb
Copper	63-2	230.12	232.27	225.63	229.34	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	154240.39	155113.77	155014.83	154789.67	0.31	ppb
Iron	57-2	151925.00	152538.42	150707.39	151723.60	0.61	ppb
Iron	54-2	154217.40	154612.05	154208.68	154346.04	0.15	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-22	Instrumnet Name :	P7
Client Sample ID :	MYDA72	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:01:25	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.70	32.78	33.02	32.83	0.51	ppb
Lead	207-1	32.40	32.88	32.60	32.63	0.73	ppb
Lead	208-1	32.25	32.46	32.85	32.52	0.94	ppb
Lithium	6-1				93		%
Magnesium	24-2	52593.03	52803.37	53754.18	53050.19	1.17	ppb
Manganese	55-2	2564.77	2556.33	2558.32	2559.81	0.17	ppb
Molybdenum	94-1	8.16	8.50	8.37	8.35	2.06	ppb
Molybdenum	95-1	1.02	1.00	1.03	1.02	1.47	ppb
Molybdenum	96-1	2.90	2.97	2.92	2.93	1.32	ppb
Molybdenum	97-1	0.98	0.98	1.00	0.99	1.06	ppb
Molybdenum	98-1	0.96	0.96	1.03	0.99	4.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.37	140.59	140.99	140.32	0.60	ppb
Phosphorus	31-2	808.58	818.63	837.25	821.48	1.77	ppb
Potassium	39-2	4116.72	4075.54	4114.98	4102.41	0.57	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	82-1	0.42	0.64	0.63	0.56	21.82	ppb
Selenium	77-2	9.33	9.56	9.04	9.31	2.78	ppb
Selenium	78-2	1.64	1.72	2.03	1.80	11.58	ppb
Silicon	28-1	677.95	667.64	681.30	675.63	1.05	ppb
Silver	107-1	0.14	0.16	0.14	0.15	6.36	ppb
Silver	109-1	0.15	0.14	0.14	0.14	3.71	ppb
Sodium	23-2	94.87	97.23	96.08	96.06	1.23	ppb
Strontium	86-1	32.96	33.73	33.92	33.54	1.52	ppb
Strontium	88-1	32.61	33.66	33.39	33.22	1.65	ppb
Sulfur	34-1	-2437.26	-2395.41	-2397.37	-2410.02		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.09	0.10	0.09	9.28	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	4.05	ppb
Tin	118-1	1.45	1.50	1.49	1.48	1.89	ppb
Titanium	47-1	225.15	232.54	225.86	227.85	1.79	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-22	Instrumnet Name :	P7
Client Sample ID :	MYDA72	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:01:25	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.38	0.39	0.38	2.17	ppb
Vanadium	51-2	421.46	427.64	431.50	426.86	1.19	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	225.95	226.55	229.07	227.19	0.73	ppb
Zirconium	90-1	4.42	4.63	4.52	4.52	2.28	ppb
Zirconium	91-1	4.46	4.58	4.70	4.58	2.60	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:04:34	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18268.64	18134.11	18152.62	18185.13	0.40	ppb
Antimony	121-1	0.64	0.67	0.64	0.65	2.15	ppb
Arsenic	75-2	57.25	56.06	57.78	57.03	1.54	ppb
Barium	135-1	55.26	56.25	56.72	56.08	1.32	ppb
Barium	137-1	55.39	56.52	56.12	56.01	1.02	ppb
Beryllium	9-1	0.18	0.21	0.18	0.19	11.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.66	0.64	0.45	0.58	19.40	ppb
Cadmium	106-1	0.39	-0.31	-0.41	-0.11		ppb
Cadmium	111-1	0.06	0.02	0.01	0.03	99.40	ppb
Calcium	43-1	5071.90	5075.44	5086.90	5078.08	0.15	ppb
Calcium	44-1	4776.21	4915.07	4821.80	4837.69	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.88	65.43	64.39	64.90	0.80	ppb
Cobalt	59-2	29.69	29.99	29.67	29.79	0.61	ppb
Copper	63-2	89.15	89.98	89.45	89.53	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	49788.42	49908.07	49660.72	49785.74	0.25	ppb
Iron	57-2	48928.36	48918.96	48791.52	48879.62	0.16	ppb
Iron	54-2	50461.72	49675.06	49702.77	49946.52	0.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:04:34	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.60	2.69	2.68	2.66	2.01	ppb
Lead	207-1	2.66	2.72	2.75	2.71	1.57	ppb
Lead	208-1	2.65	2.76	2.69	2.70	2.05	ppb
Lithium	6-1				92		%
Magnesium	24-2	11640.08	11587.45	11534.95	11587.49	0.45	ppb
Manganese	55-2	1408.19	1405.54	1391.48	1401.74	0.64	ppb
Molybdenum	94-1	2.06	1.99	1.95	2.00	2.71	ppb
Molybdenum	95-1	0.26	0.27	0.28	0.27	3.62	ppb
Molybdenum	96-1	0.73	0.78	1.19	0.90	28.34	ppb
Molybdenum	97-1	0.26	0.26	0.23	0.25	6.78	ppb
Molybdenum	98-1	0.25	0.25	0.26	0.26	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.22	41.14	41.04	41.13	0.23	ppb
Phosphorus	31-2	195.57	195.30	195.46	195.44	0.07	ppb
Potassium	39-2	174.71	176.48	176.64	175.94	0.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.31	0.39	0.33	0.34	12.71	ppb
Selenium	77-2	1.77	1.14	1.62	1.51	21.84	ppb
Selenium	78-2	0.44	1.48	1.04	0.99	53.30	ppb
Silicon	28-1	183.55	180.68	181.61	181.95	0.80	ppb
Silver	107-1	0.02	0.02	0.01	0.02	17.08	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.06	ppb
Sodium	23-2	125.49	125.59	124.48	125.19	0.49	ppb
Strontium	86-1	23.88	24.20	24.11	24.06	0.71	ppb
Strontium	88-1	23.96	24.18	24.06	24.07	0.47	ppb
Sulfur	34-1	-1576.94	-1691.92	-1722.75	-1663.87		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.00	0.00	33.99	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	22.08	ppb
Tin	118-1	0.49	0.47	0.49	0.48	1.57	ppb
Titanium	47-1	579.95	578.89	583.71	580.85	0.44	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:04:34	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.10	0.10	0.10	3.89	ppb
Vanadium	51-2	114.68	114.72	114.23	114.54	0.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	54.39	55.04	55.17	54.86	0.76	ppb
Zirconium	90-1	1.05	1.08	1.08	1.07	1.46	ppb
Zirconium	91-1	1.09	1.07	1.08	1.08	0.92	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:07:44	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17655.79	17822.77	17667.50	17715.35	0.53	ppb
Antimony	121-1	0.65	0.63	0.67	0.65	3.39	ppb
Arsenic	75-2	55.97	58.51	57.09	57.19	2.22	ppb
Barium	135-1	63.29	65.64	66.81	65.25	2.75	ppb
Barium	137-1	63.63	65.68	66.62	65.31	2.35	ppb
Beryllium	9-1	0.20	0.20	0.19	0.20	2.44	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.36	0.41	0.63	0.47	30.36	ppb
Cadmium	106-1	0.33	-0.51	0.07	-0.04		ppb
Cadmium	111-1	0.08	0.00	0.05	0.04	91.69	ppb
Calcium	43-1	4915.63	5034.02	5019.52	4989.72	1.29	ppb
Calcium	44-1	4686.90	4708.85	4739.39	4711.72	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.66	64.13	64.64	64.15	0.76	ppb
Cobalt	59-2	30.05	30.20	29.93	30.06	0.44	ppb
Copper	63-2	87.61	87.76	87.96	87.78	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	50211.59	50158.95	49876.73	50082.42	0.36	ppb
Iron	57-2	49170.37	48901.78	48632.21	48901.45	0.55	ppb
Iron	54-2	50069.93	49557.82	50337.09	49988.28	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:07:44	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.04	3.05	2.99	3.02	1.09	ppb
Lead	207-1	3.07	3.26	3.09	3.14	3.23	ppb
Lead	208-1	3.05	3.14	3.07	3.08	1.51	ppb
Lithium	6-1				92		%
Magnesium	24-2	11267.09	11371.56	11470.32	11369.66	0.89	ppb
Manganese	55-2	1546.63	1539.89	1536.44	1540.99	0.34	ppb
Molybdenum	94-1	2.05	2.06	2.04	2.05	0.60	ppb
Molybdenum	95-1	0.28	0.28	0.30	0.29	3.79	ppb
Molybdenum	96-1	0.78	0.81	0.75	0.78	3.82	ppb
Molybdenum	97-1	0.25	0.27	0.26	0.26	4.29	ppb
Molybdenum	98-1	0.24	0.26	0.25	0.25	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.37	40.66	40.24	40.42	0.54	ppb
Phosphorus	31-2	205.82	194.14	201.11	200.35	2.93	ppb
Potassium	39-2	177.39	180.06	181.18	179.54	1.09	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.36	0.42	0.04	0.28	75.23	ppb
Selenium	77-2	1.91	0.53	1.93	1.45	55.22	ppb
Selenium	78-2	1.03	-0.34	0.02	0.24	299.55	ppb
Silicon	28-1	175.07	177.02	176.86	176.32	0.61	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.19	ppb
Silver	109-1	0.01	0.01	0.02	0.01	16.29	ppb
Sodium	23-2	122.28	122.23	123.17	122.56	0.43	ppb
Strontium	86-1	24.24	24.57	24.84	24.55	1.22	ppb
Strontium	88-1	24.14	24.63	24.72	24.49	1.27	ppb
Sulfur	34-1	-1730.47	-1762.31	-1752.53	-1748.43		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00	432.04	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	35.73	ppb
Tin	118-1	0.44	0.45	0.44	0.44	2.12	ppb
Titanium	47-1	573.54	583.89	589.00	582.15	1.35	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:07:44	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.11	0.10	0.11	1.71	ppb
Vanadium	51-2	112.24	112.62	113.30	112.72	0.48	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	54.37	54.58	55.26	54.74	0.85	ppb
Zirconium	90-1	1.06	1.08	1.09	1.08	1.36	ppb
Zirconium	91-1	1.07	1.09	1.07	1.08	0.89	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:10:57	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3535.55	3634.33	3692.89	3620.92	2.20	ppb
Antimony	121-1	0.12	0.13	0.12	0.12	5.76	ppb
Arsenic	75-2	11.37	12.02	11.24	11.54	3.62	ppb
Barium	135-1	10.89	10.85	11.25	11.00	1.99	ppb
Barium	137-1	10.70	10.96	11.38	11.01	3.09	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	20.52	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.04	0.14	0.10	53.46	ppb
Cadmium	106-1	-0.42	-0.75	-0.51	-0.56		ppb
Cadmium	111-1	-0.02	-0.04	-0.04	-0.03		ppb
Calcium	43-1	951.83	1031.58	1017.56	1000.32	4.26	ppb
Calcium	44-1	988.90	1003.30	1024.26	1005.49	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.97	12.89	13.23	13.03	1.35	ppb
Cobalt	59-2	5.84	6.09	5.86	5.93	2.30	ppb
Copper	63-2	17.55	18.28	17.93	17.92	2.03	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				99		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	9936.51	10036.47	10090.97	10021.32	0.78	ppb
Iron	57-2	10200.57	10260.10	10315.95	10258.87	0.56	ppb
Iron	54-2	10092.48	10135.16	10078.17	10101.94	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:10:57	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.52	0.52	0.56	0.53	4.73	ppb
Lead	207-1	0.55	0.57	0.56	0.56	1.93	ppb
Lead	208-1	0.53	0.55	0.57	0.55	3.81	ppb
Lithium	6-1				92		%
Magnesium	24-2	2293.45	2297.00	2326.47	2305.64	0.79	ppb
Manganese	55-2	283.68	285.54	286.02	285.08	0.43	ppb
Molybdenum	94-1	0.32	0.40	0.40	0.37	12.13	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.04	12.57	ppb
Molybdenum	96-1	0.13	0.14	0.13	0.13	2.61	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.03	14.78	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	19.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.03	8.26	8.29	8.19	1.72	ppb
Phosphorus	31-2	29.95	24.47	22.92	25.78	14.33	ppb
Potassium	39-2	33.00	36.25	33.82	34.36	4.91	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	-0.24	0.23	0.15	0.04	557.27	ppb
Selenium	77-2	0.38	0.23	0.06	0.22	71.47	ppb
Selenium	78-2	-0.12	0.07	-0.39	-0.15		ppb
Silicon	28-1	38.05	37.73	37.48	37.75	0.75	ppb
Silver	107-1	0.00	0.00	0.00	0.00	492.43	ppb
Silver	109-1	0.00	0.00	0.00	0.00	69.94	ppb
Sodium	23-2	31.16	30.67	30.26	30.70	1.47	ppb
Strontium	86-1	4.39	4.71	4.45	4.52	3.73	ppb
Strontium	88-1	4.49	4.81	4.85	4.72	4.24	ppb
Sulfur	34-1	-1607.01	-1615.43	-1619.31	-1613.92		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.05	0.07	0.07	0.06	17.02	ppb
Titanium	47-1	111.74	115.09	114.78	113.87	1.62	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:10:57	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	9.20	ppb
Vanadium	51-2	22.62	22.62	22.86	22.70	0.60	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	10.63	12.02	10.82	11.16	6.72	ppb
Zirconium	90-1	0.20	0.21	0.20	0.20	2.81	ppb
Zirconium	91-1	0.18	0.20	0.20	0.19	6.38	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:14:10	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18063.95	18054.96	17721.63	17946.85	1.09	ppb
Antimony	121-1	15.80	15.87	16.29	15.98	1.66	ppb
Arsenic	75-2	62.19	62.11	63.04	62.45	0.83	ppb
Barium	135-1	456.58	455.51	464.41	458.83	1.06	ppb
Barium	137-1	486.69	477.93	483.91	482.84	0.93	ppb
Beryllium	9-1	10.36	10.61	10.13	10.37	2.31	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.81	8.22	8.09	8.04	2.62	ppb
Cadmium	106-1	7.43	6.33	6.37	6.71	9.29	ppb
Cadmium	111-1	7.94	7.85	8.04	7.94	1.24	ppb
Calcium	43-1	4882.01	4936.80	4909.61	4909.47	0.56	ppb
Calcium	44-1	4606.49	4666.48	4673.28	4648.75	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.65	106.23	105.60	106.16	0.50	ppb
Cobalt	59-2	132.98	132.46	130.91	132.12	0.82	ppb
Copper	63-2	136.03	135.16	134.05	135.08	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	49466.61	49430.33	48364.18	49087.04	1.28	ppb
Iron	57-2	47977.54	48836.88	47343.57	48052.67	1.56	ppb
Iron	54-2	49506.78	49191.74	48108.66	48935.73	1.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:14:10	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.47	5.56	5.53	5.52	0.87	ppb
Lead	207-1	5.64	5.56	5.55	5.58	0.87	ppb
Lead	208-1	5.56	5.57	5.57	5.57	0.09	ppb
Lithium	6-1				91		%
Magnesium	24-2	11308.46	11509.05	11165.62	11327.71	1.52	ppb
Manganese	55-2	1521.25	1521.50	1479.97	1507.57	1.59	ppb
Molybdenum	94-1	1.86	1.96	1.96	1.93	2.95	ppb
Molybdenum	95-1	0.28	0.27	0.27	0.28	2.36	ppb
Molybdenum	96-1	0.77	0.75	0.75	0.76	1.31	ppb
Molybdenum	97-1	0.25	0.24	0.25	0.25	2.48	ppb
Molybdenum	98-1	0.24	0.24	0.25	0.24	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	142.94	142.73	141.53	142.40	0.54	ppb
Phosphorus	31-2	198.66	186.21	187.35	190.74	3.61	ppb
Potassium	39-2	174.03	175.89	170.56	173.49	1.56	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	18.13	18.73	19.21	18.69	2.89	ppb
Selenium	77-2	20.96	17.80	16.35	18.37	12.82	ppb
Selenium	78-2	16.15	18.84	17.97	17.65	7.77	ppb
Silicon	28-1	173.25	177.07	175.75	175.36	1.11	ppb
Silver	107-1	9.28	9.58	9.63	9.50	1.98	ppb
Silver	109-1	9.34	9.33	9.69	9.45	2.18	ppb
Sodium	23-2	116.75	115.12	113.26	115.05	1.52	ppb
Strontium	86-1	23.28	23.73	23.79	23.60	1.18	ppb
Strontium	88-1	23.73	23.94	23.65	23.78	0.63	ppb
Sulfur	34-1	-1754.13	-1795.36	-1866.45	-1805.31		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	6.90	6.93	6.94	6.92	0.30	ppb
Thallium	205-1	6.84	6.78	6.81	6.81	0.46	ppb
Tin	118-1	0.44	0.45	0.45	0.45	1.73	ppb
Titanium	47-1	566.90	583.17	577.05	575.70	1.43	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:14:10	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.10	0.10	0.10	3.17	ppb
Vanadium	51-2	215.74	215.85	212.93	214.84	0.77	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	154.58	152.02	151.30	152.63	1.13	ppb
Zirconium	90-1	1.03	1.04	1.04	1.04	0.77	ppb
Zirconium	91-1	1.03	1.08	1.06	1.06	2.23	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:17:22	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18722.98	18740.83	18671.91	18711.90	0.19	ppb
Antimony	121-1	71.24	72.50	80.51	74.75	6.72	ppb
Arsenic	75-2	86.34	84.75	86.61	85.90	1.17	ppb
Barium	135-1	1409.56	1430.35	1609.47	1483.13	7.41	ppb
Barium	137-1	1407.20	1461.38	1575.93	1481.50	5.81	ppb
Beryllium	9-1	33.96	34.42	38.22	35.53	6.58	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.77	33.77	38.16	35.57	6.47	ppb
Cadmium	106-1	32.96	32.60	34.57	33.37	3.15	ppb
Cadmium	111-1	36.76	37.29	41.49	38.51	6.73	ppb
Calcium	43-1	4894.80	4944.40	5282.68	5040.63	4.19	ppb
Calcium	44-1	4547.12	4622.62	5102.38	4757.37	6.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	203.84	204.13	202.98	203.65	0.29	ppb
Cobalt	59-2	372.37	372.00	375.55	373.31	0.52	ppb
Copper	63-2	249.68	251.93	246.76	249.45	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	48960.66	49674.22	49503.65	49379.51	0.75	ppb
Iron	57-2	48214.60	48278.78	48418.45	48303.94	0.22	ppb
Iron	54-2	49303.80	49355.44	49173.15	49277.46	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:17:22	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.53	15.97	17.45	16.32	6.16	ppb
Lead	207-1	15.46	15.94	17.15	16.18	5.38	ppb
Lead	208-1	15.61	15.97	17.42	16.33	5.86	ppb
Lithium	6-1				87		%
Magnesium	24-2	11110.47	11336.22	11238.59	11228.43	1.01	ppb
Manganese	55-2	1773.17	1763.34	1776.24	1770.92	0.38	ppb
Molybdenum	94-1	1.99	1.94	2.15	2.02	5.52	ppb
Molybdenum	95-1	0.29	0.28	0.31	0.29	5.88	ppb
Molybdenum	96-1	0.75	0.75	0.83	0.77	5.81	ppb
Molybdenum	97-1	0.25	0.26	0.29	0.27	7.85	ppb
Molybdenum	98-1	0.25	0.25	0.27	0.26	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	379.13	380.81	378.71	379.55	0.29	ppb
Phosphorus	31-2	179.81	187.75	186.99	184.85	2.37	ppb
Potassium	39-2	169.58	172.83	169.67	170.70	1.08	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	81.22	82.97	88.87	84.35	4.75	ppb
Selenium	77-2	84.07	86.50	80.16	83.57	3.83	ppb
Selenium	78-2	81.22	80.35	84.69	82.09	2.80	ppb
Silicon	28-1	167.39	167.00	182.98	172.46	5.29	ppb
Silver	107-1	21.20	21.43	24.61	22.41	8.52	ppb
Silver	109-1	21.56	25.08	24.70	23.78	8.12	ppb
Sodium	23-2	113.49	117.02	112.36	114.29	2.13	ppb
Strontium	86-1	23.09	23.72	25.62	24.15	5.45	ppb
Strontium	88-1	23.33	23.60	26.02	24.32	6.09	ppb
Sulfur	34-1	-1734.58	-1846.21	-1591.66	-1724.15		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	31.74	33.07	35.49	33.43	5.68	ppb
Thallium	205-1	31.66	31.91	35.65	33.08	6.76	ppb
Tin	118-1	0.45	0.44	0.55	0.48	12.48	ppb
Titanium	47-1	566.02	568.05	615.50	583.19	4.80	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:17:22	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.10	0.10	0.10	4.35	ppb
Vanadium	51-2	449.06	450.48	448.47	449.33	0.23	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	385.77	392.74	387.10	388.54	0.95	ppb
Zirconium	90-1	1.00	1.05	1.14	1.06	6.47	ppb
Zirconium	91-1	1.02	1.09	1.15	1.09	5.89	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:20:27	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12458.04	12575.70	12748.96	12594.23	1.16	ppb
Antimony	121-1	0.35	0.36	0.36	0.35	1.83	ppb
Arsenic	75-2	43.07	42.12	41.75	42.31	1.62	ppb
Barium	135-1	163.14	159.22	162.34	161.57	1.28	ppb
Barium	137-1	161.90	159.54	162.20	161.21	0.90	ppb
Beryllium	9-1	0.46	0.45	0.42	0.44	4.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.59	0.58	0.46	0.54	13.37	ppb
Cadmium	106-1	0.69	-0.57	0.06	0.06	1039.52	ppb
Cadmium	111-1	0.28	0.17	0.22	0.22	25.43	ppb
Calcium	43-1	2745.44	2825.40	2825.64	2798.83	1.65	ppb
Calcium	44-1	2620.39	2704.09	2651.63	2658.71	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.58	48.29	48.94	48.60	0.67	ppb
Cobalt	59-2	21.85	22.03	22.18	22.02	0.75	ppb
Copper	63-2	51.24	51.16	51.90	51.43	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	47796.35	47806.39	48341.00	47981.25	0.65	ppb
Iron	57-2	47034.52	47049.32	47180.21	47088.02	0.17	ppb
Iron	54-2	47778.21	47793.84	47561.81	47711.29	0.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:20:27	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.25	9.41	9.44	9.37	1.13	ppb
Lead	207-1	9.05	9.23	9.21	9.16	1.10	ppb
Lead	208-1	9.13	9.33	9.32	9.26	1.24	ppb
Lithium	6-1				94		%
Magnesium	24-2	6989.20	6865.49	6936.39	6930.36	0.90	ppb
Manganese	55-2	1515.27	1524.66	1520.82	1520.25	0.31	ppb
Molybdenum	94-1	6.84	7.29	7.11	7.08	3.20	ppb
Molybdenum	95-1	0.52	0.53	0.55	0.53	2.68	ppb
Molybdenum	96-1	1.47	1.56	1.52	1.52	3.17	ppb
Molybdenum	97-1	0.55	0.57	0.56	0.56	1.75	ppb
Molybdenum	98-1	0.52	0.54	0.55	0.53	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.57	36.84	37.24	36.88	0.92	ppb
Phosphorus	31-2	631.62	620.81	630.28	627.57	0.94	ppb
Potassium	39-2	3543.51	3556.71	3599.45	3566.56	0.82	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.05	0.51	0.48	0.35	73.96	ppb
Selenium	77-2	6.08	5.51	6.64	6.08	9.26	ppb
Selenium	78-2	1.65	0.87	0.73	1.08	45.94	ppb
Silicon	28-1	224.23	227.17	226.67	226.02	0.70	ppb
Silver	107-1	0.11	0.09	0.08	0.09	13.20	ppb
Silver	109-1	0.10	0.10	0.08	0.09	14.03	ppb
Sodium	23-2	49.19	50.01	50.99	50.07	1.80	ppb
Strontium	86-1	23.58	24.01	24.21	23.93	1.35	ppb
Strontium	88-1	23.97	24.32	24.26	24.18	0.78	ppb
Sulfur	34-1	-1719.97	-1764.60	-1724.54	-1736.37		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.09	0.10	0.10	6.16	ppb
Thallium	205-1	0.09	0.10	0.09	0.09	8.45	ppb
Tin	118-1	0.46	0.46	0.48	0.46	2.27	ppb
Titanium	47-1	237.73	243.52	242.89	241.38	1.32	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:20:27	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.31	0.30	0.30	3.49	ppb
Vanadium	51-2	92.55	92.16	93.39	92.70	0.68	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	65.00	65.62	64.97	65.20	0.57	ppb
Zirconium	90-1	3.93	4.05	4.09	4.02	2.13	ppb
Zirconium	91-1	4.01	4.06	3.96	4.01	1.19	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:23:40	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12318.24	12347.53	12415.44	12360.40	0.40	ppb
Antimony	121-1	0.34	0.32	0.35	0.33	5.59	ppb
Arsenic	75-2	40.72	40.76	40.98	40.82	0.34	ppb
Barium	135-1	160.52	163.77	166.03	163.44	1.69	ppb
Barium	137-1	161.31	164.42	166.37	164.03	1.55	ppb
Beryllium	9-1	0.43	0.51	0.45	0.46	9.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.50	0.44	0.57	0.50	12.32	ppb
Cadmium	106-1	-0.07	-0.23	-0.86	-0.39		ppb
Cadmium	111-1	0.22	0.22	0.14	0.19	22.83	ppb
Calcium	43-1	2765.81	2727.00	2778.66	2757.16	0.98	ppb
Calcium	44-1	2629.16	2590.47	2613.91	2611.18	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.57	47.45	47.80	47.61	0.37	ppb
Cobalt	59-2	21.62	21.54	21.80	21.66	0.61	ppb
Copper	63-2	49.81	50.17	50.75	50.24	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	46880.31	46874.60	47399.62	47051.51	0.64	ppb
Iron	57-2	45661.37	45958.35	46303.48	45974.40	0.70	ppb
Iron	54-2	46831.78	46609.96	46865.75	46769.16	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:23:40	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.30	9.10	9.38	9.26	1.52	ppb
Lead	207-1	9.17	9.13	9.18	9.16	0.28	ppb
Lead	208-1	9.17	9.13	9.20	9.17	0.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	6730.36	6767.84	6838.99	6779.06	0.81	ppb
Manganese	55-2	1536.27	1537.50	1538.91	1537.56	0.09	ppb
Molybdenum	94-1	6.80	7.03	7.01	6.95	1.83	ppb
Molybdenum	95-1	0.55	0.53	0.54	0.54	1.47	ppb
Molybdenum	96-1	1.49	1.55	1.51	1.52	1.92	ppb
Molybdenum	97-1	0.54	0.51	0.59	0.55	8.20	ppb
Molybdenum	98-1	0.51	0.53	0.55	0.53	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.85	36.91	37.39	37.05	0.80	ppb
Phosphorus	31-2	593.46	611.48	598.73	601.22	1.54	ppb
Potassium	39-2	3517.02	3514.31	3548.74	3526.69	0.54	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	-0.03	-0.13	0.40	0.08	362.54	ppb
Selenium	77-2	4.44	2.60	3.41	3.48	26.45	ppb
Selenium	78-2	0.47	0.57	-0.28	0.25	184.97	ppb
Silicon	28-1	221.05	221.02	220.66	220.91	0.10	ppb
Silver	107-1	0.07	0.07	0.07	0.07	5.86	ppb
Silver	109-1	0.07	0.06	0.06	0.07	8.52	ppb
Sodium	23-2	49.44	48.98	49.36	49.26	0.50	ppb
Strontium	86-1	23.43	24.09	23.91	23.81	1.43	ppb
Strontium	88-1	23.81	23.84	23.89	23.85	0.16	ppb
Sulfur	34-1	-1646.14	-1752.10	-1740.06	-1712.77		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.10	ppb
Thallium	205-1	0.08	0.09	0.08	0.09	3.78	ppb
Tin	118-1	0.45	0.47	0.43	0.45	4.69	ppb
Titanium	47-1	235.38	234.52	236.52	235.47	0.43	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:23:40	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.29	0.30	0.30	3.06	ppb
Vanadium	51-2	89.38	90.22	90.81	90.14	0.80	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	64.13	64.22	63.97	64.11	0.20	ppb
Zirconium	90-1	3.91	3.93	3.92	3.92	0.28	ppb
Zirconium	91-1	3.88	3.96	3.92	3.92	1.10	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:26:51	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2611.06	2611.51	2596.67	2606.42	0.32	ppb
Antimony	121-1	0.07	0.07	0.06	0.07	9.15	ppb
Arsenic	75-2	8.54	9.07	8.26	8.62	4.79	ppb
Barium	135-1	29.83	30.04	29.89	29.92	0.36	ppb
Barium	137-1	30.74	30.77	31.18	30.90	0.78	ppb
Beryllium	9-1	0.07	0.07	0.08	0.08	6.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.13	0.08	0.10	33.87	ppb
Cadmium	106-1	-0.23	-0.64	-1.36	-0.74		ppb
Cadmium	111-1	0.02	-0.03	-0.05	-0.02		ppb
Calcium	43-1	587.43	575.38	594.16	585.66	1.63	ppb
Calcium	44-1	563.50	568.45	570.24	567.40	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.80	9.72	9.70	9.74	0.53	ppb
Cobalt	59-2	4.35	4.47	4.43	4.42	1.39	ppb
Copper	63-2	10.18	10.36	10.18	10.24	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	9607.94	9697.92	9481.60	9595.82	1.13	ppb
Iron	57-2	9902.97	10007.81	9935.50	9948.76	0.54	ppb
Iron	54-2	9825.93	9639.60	9829.05	9764.86	1.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:26:51	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.84	1.85	1.77	1.82	2.25	ppb
Lead	207-1	1.90	1.87	1.83	1.87	1.87	ppb
Lead	208-1	1.87	1.86	1.81	1.85	1.78	ppb
Lithium	6-1				93		%
Magnesium	24-2	1440.86	1459.63	1444.11	1448.20	0.69	ppb
Manganese	55-2	313.96	314.89	305.71	311.52	1.62	ppb
Molybdenum	94-1	1.36	1.41	1.45	1.40	3.18	ppb
Molybdenum	95-1	0.10	0.10	0.09	0.09	4.53	ppb
Molybdenum	96-1	0.28	0.30	0.30	0.29	4.57	ppb
Molybdenum	97-1	0.07	0.08	0.10	0.09	17.53	ppb
Molybdenum	98-1	0.10	0.09	0.09	0.09	6.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.52	7.61	7.13	7.42	3.49	ppb
Phosphorus	31-2	104.01	112.36	131.88	116.08	12.32	ppb
Potassium	39-2	760.90	770.63	765.98	765.84	0.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.37	0.08	-0.14	0.10	255.44	ppb
Selenium	77-2	1.04	0.57	0.55	0.72	38.70	ppb
Selenium	78-2	-0.61	-0.32	-0.10	-0.34		ppb
Silicon	28-1	47.17	47.20	48.56	47.64	1.67	ppb
Silver	107-1	0.02	0.01	0.01	0.01	18.42	ppb
Silver	109-1	0.02	0.01	0.01	0.02	22.33	ppb
Sodium	23-2	12.65	12.44	11.63	12.24	4.38	ppb
Strontium	86-1	4.76	4.84	4.86	4.82	1.05	ppb
Strontium	88-1	4.71	4.74	4.86	4.77	1.62	ppb
Sulfur	34-1	-1540.57	-1564.59	-1544.00	-1549.72		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	14.40	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	31.43	ppb
Tin	118-1	0.08	0.07	0.06	0.07	17.11	ppb
Titanium	47-1	48.33	49.37	48.40	48.70	1.19	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:26:51	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.05	0.06	2.57	ppb
Vanadium	51-2	18.41	18.43	18.36	18.40	0.17	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	13.36	13.46	13.42	13.41	0.36	ppb
Zirconium	90-1	0.74	0.78	0.79	0.77	3.37	ppb
Zirconium	91-1	0.80	0.84	0.78	0.81	3.87	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:30:08	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12916.47	12856.97	12911.59	12895.01	0.26	ppb
Antimony	121-1	15.24	15.42	15.01	15.22	1.33	ppb
Arsenic	75-2	47.77	47.91	47.42	47.70	0.52	ppb
Barium	135-1	444.69	443.33	439.28	442.43	0.64	ppb
Barium	137-1	465.59	472.96	452.61	463.72	2.22	ppb
Beryllium	9-1	7.31	7.67	7.45	7.47	2.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.94	7.10	7.50	7.18	4.03	ppb
Cadmium	106-1	7.74	7.01	5.69	6.81	15.24	ppb
Cadmium	111-1	8.11	7.88	7.82	7.93	1.98	ppb
Calcium	43-1	2818.38	2781.08	2817.69	2805.72	0.76	ppb
Calcium	44-1	2650.19	2620.50	2658.25	2642.98	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.47	78.51	79.37	79.11	0.67	ppb
Cobalt	59-2	97.22	95.97	96.70	96.63	0.65	ppb
Copper	63-2	85.89	85.80	86.52	86.07	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	48331.84	48288.06	48306.90	48308.93	0.05	ppb
Iron	57-2	46941.22	46872.85	47192.15	47002.07	0.36	ppb
Iron	54-2	48231.45	48226.57	47845.50	48101.18	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:30:08	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.14	12.32	12.24	12.23	0.72	ppb
Lead	207-1	12.02	11.98	12.19	12.06	0.95	ppb
Lead	208-1	12.05	12.04	12.17	12.09	0.58	ppb
Lithium	6-1				97		%
Magnesium	24-2	6905.61	6899.99	6919.99	6908.53	0.15	ppb
Manganese	55-2	1627.13	1612.92	1607.55	1615.87	0.63	ppb
Molybdenum	94-1	7.02	7.11	6.96	7.03	1.12	ppb
Molybdenum	95-1	0.54	0.56	0.53	0.54	2.68	ppb
Molybdenum	96-1	1.51	1.49	1.57	1.52	2.66	ppb
Molybdenum	97-1	0.51	0.55	0.51	0.52	4.71	ppb
Molybdenum	98-1	0.55	0.51	0.57	0.54	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.60	111.20	111.36	111.39	0.18	ppb
Phosphorus	31-2	613.38	609.92	630.55	617.95	1.79	ppb
Potassium	39-2	3585.78	3549.16	3594.59	3576.51	0.67	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	16.28	15.99	17.70	16.66	5.47	ppb
Selenium	77-2	24.61	20.75	20.87	22.08	9.93	ppb
Selenium	78-2	15.41	15.16	16.77	15.78	5.47	ppb
Silicon	28-1	235.05	232.24	234.27	233.85	0.62	ppb
Silver	107-1	6.64	6.66	6.56	6.62	0.83	ppb
Silver	109-1	6.52	6.68	6.62	6.61	1.23	ppb
Sodium	23-2	46.39	46.89	46.89	46.73	0.61	ppb
Strontium	86-1	23.75	24.12	24.73	24.20	2.03	ppb
Strontium	88-1	24.12	23.98	24.57	24.23	1.28	ppb
Sulfur	34-1	-1617.88	-1740.20	-1805.76	-1721.28		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	6.80	6.79	6.81	6.80	0.18	ppb
Thallium	205-1	6.82	6.69	6.78	6.77	0.98	ppb
Tin	118-1	0.46	0.48	0.43	0.46	5.95	ppb
Titanium	47-1	242.34	241.39	242.41	242.05	0.24	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:30:08	DataFile Name :	118SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.30	0.29	0.30	2.52	ppb
Vanadium	51-2	166.15	165.20	167.18	166.18	0.60	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	138.37	137.18	138.03	137.86	0.44	ppb
Zirconium	90-1	3.90	4.01	4.10	4.00	2.40	ppb
Zirconium	91-1	4.02	3.94	4.09	4.02	1.81	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:49:53	DataFile Name :	124CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50143.32	49840.82	49568.18	49850.78	0.58	ppb
Antimony	121-1	483.57	488.82	490.48	487.62	0.74	ppb
Arsenic	75-2	481.97	483.43	476.72	480.71	0.73	ppb
Barium	135-1	2453.55	2504.26	2546.16	2501.32	1.85	ppb
Barium	137-1	2454.54	2494.80	2504.87	2484.74	1.07	ppb
Beryllium	9-1	502.19	507.18	511.33	506.90	0.90	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	492.99	497.39	507.60	499.33	1.50	ppb
Cadmium	106-1	495.11	499.39	504.30	499.60	0.92	ppb
Cadmium	111-1	480.47	487.76	494.44	487.56	1.43	ppb
Calcium	43-1	245714.61	250926.30	253684.81	250108.57	1.62	ppb
Calcium	44-1	241843.97	248166.26	249472.16	246494.13	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.85	496.76	494.70	495.77	0.21	ppb
Cobalt	59-2	516.88	525.21	518.16	520.08	0.86	ppb
Copper	63-2	5021.08	5014.93	4996.42	5010.81	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				100		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	127571.33	127340.82	125741.52	126884.55	0.79	ppb
Iron	57-2	125252.46	125421.99	125180.55	125285.00	0.10	ppb
Iron	54-2	126439.95	126843.36	126926.66	126736.66	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:49:53	DataFile Name :	124CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2527.54	2564.60	2492.26	2528.13	1.43	ppb
Lead	207-1	2543.06	2548.40	2513.70	2535.05	0.74	ppb
Lead	208-1	2530.20	2560.35	2504.75	2531.77	1.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	250672.66	248805.21	249153.69	249543.85	0.40	ppb
Manganese	55-2	4905.06	4904.64	4868.72	4892.80	0.43	ppb
Molybdenum	94-1	4842.40	4983.46	5026.49	4950.78	1.95	ppb
Molybdenum	95-1	4899.19	4997.31	5074.68	4990.39	1.76	ppb
Molybdenum	96-1	4930.72	4976.54	5078.23	4995.16	1.51	ppb
Molybdenum	97-1	4948.47	4958.77	5093.32	5000.19	1.62	ppb
Molybdenum	98-1	4887.83	4936.71	5084.92	4969.82	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.82	501.84	501.57	501.74	0.03	ppb
Phosphorus	31-2	10000.30	9901.15	9844.93	9915.46	0.79	ppb
Potassium	39-2	121155.19	120922.68	121259.56	121112.47	0.14	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	457.39	468.15	473.75	466.43	1.78	ppb
Selenium	77-2	475.00	457.53	476.04	469.52	2.21	ppb
Selenium	78-2	476.15	466.24	473.21	471.87	1.08	ppb
Silicon	28-1	666.01	682.04	689.51	679.19	1.77	ppb
Silver	107-1	482.84	485.65	489.04	485.84	0.64	ppb
Silver	109-1	479.69	479.01	481.68	480.13	0.29	ppb
Sodium	23-2	250384.78	249655.78	250389.47	250143.34	0.17	ppb
Strontium	86-1	11982.61	12310.89	12506.88	12266.79	2.16	ppb
Strontium	88-1	12039.53	12424.48	12579.06	12347.69	2.25	ppb
Sulfur	34-1	9778.94	10213.71	10231.53	10074.73	2.54	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	505.98	511.69	496.90	504.86	1.48	ppb
Thallium	205-1	508.14	511.74	496.20	505.36	1.61	ppb
Tin	118-1	488.23	495.15	483.84	489.07	1.17	ppb
Titanium	47-1	4807.22	4997.69	4971.52	4925.47	2.10	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:49:53	DataFile Name :	124CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	518.13	521.57	511.90	517.20	0.95	ppb
Vanadium	51-2	497.97	500.28	492.37	496.87	0.82	ppb
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	4894.01	4876.54	4861.98	4877.51	0.33	ppb
Zirconium	90-1	482.64	503.69	509.64	498.66	2.85	ppb
Zirconium	91-1	486.48	502.91	508.74	499.38	2.31	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:52:38	DataFile Name :	125CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.46	2.74	2.45	2.55	6.54	ppb
Antimony	121-1	0.39	0.40	0.39	0.39	1.00	ppb
Arsenic	75-2	0.05	0.03	0.01	0.03	74.59	ppb
Barium	135-1	0.14	0.10	0.08	0.11	29.89	ppb
Barium	137-1	0.14	0.11	0.09	0.11	21.53	ppb
Beryllium	9-1	0.05	0.02	0.03	0.04	44.17	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.00	0.16	0.06	161.19	ppb
Cadmium	106-1	-0.11	-0.35	-0.97	-0.48		ppb
Cadmium	111-1	0.04	0.00	-0.05	0.00		ppb
Calcium	43-1	14.92	5.76	4.42	8.37	68.31	ppb
Calcium	44-1	11.87	4.46	2.91	6.41	74.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.06	0.07	0.05	51.02	ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	18.83	ppb
Copper	63-2	0.21	0.24	0.24	0.23	8.09	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				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	4.87	5.07	5.90	5.28	10.32	ppb
Iron	57-2	2.31	1.62	4.69	2.87	56.08	ppb
Iron	54-2	5.08	5.67	5.29	5.35	5.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:52:38	DataFile Name :	125CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.15	0.13	0.16	23.89	ppb
Lead	207-1	0.19	0.13	0.14	0.15	22.65	ppb
Lead	208-1	0.20	0.14	0.13	0.16	22.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	8.29	8.93	10.09	9.10	9.98	ppb
Manganese	55-2	0.15	0.17	0.20	0.17	16.24	ppb
Molybdenum	94-1	0.85	0.65	0.61	0.70	17.91	ppb
Molybdenum	95-1	0.46	0.36	0.32	0.38	18.42	ppb
Molybdenum	96-1	0.50	0.36	0.34	0.40	20.87	ppb
Molybdenum	97-1	0.49	0.32	0.32	0.38	26.20	ppb
Molybdenum	98-1	0.48	0.35	0.31	0.38	23.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.02	0.03	31.61	ppb
Phosphorus	31-2	-14.75	-15.68	-15.54	-15.33		ppb
Potassium	39-2	6.77	9.72	8.52	8.34	17.82	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	-0.15	-0.23	0.11	-0.09		ppb
Selenium	77-2	-0.26	-0.26	-0.26	-0.26		ppb
Selenium	78-2	-0.83	-0.58	0.11	-0.43		ppb
Silicon	28-1	0.22	0.11	0.19	0.17	33.09	ppb
Silver	107-1	0.07	0.05	0.04	0.05	22.05	ppb
Silver	109-1	0.07	0.05	0.04	0.05	29.60	ppb
Sodium	23-2	16.17	16.71	16.53	16.47	1.69	ppb
Strontium	86-1	0.79	0.52	0.43	0.58	32.36	ppb
Strontium	88-1	0.78	0.51	0.41	0.56	33.38	ppb
Sulfur	34-1	-281.54	-346.82	-394.32	-340.90		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.06	0.04	0.06	19.20	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	15.20	ppb
Tin	118-1	0.09	0.08	0.08	0.09	9.79	ppb
Titanium	47-1	0.33	0.25	0.21	0.26	24.27	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:52:38	DataFile Name :	125CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.02	0.01	0.02	35.92	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	7.73	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	0.18	0.22	0.20	0.20	9.63	ppb
Zirconium	90-1	0.30	0.22	0.18	0.23	24.99	ppb
Zirconium	91-1	0.30	0.20	0.17	0.22	29.87	ppb

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:20:50	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	567	587	563	572	2.21	cps
Antimony	121-1	93	103	123	107	14.33	cps
Arsenic	75-2	13	13	10	12	15.73	cps
Barium	135-1	137	140	130	136	3.76	cps
Barium	137-1	283	167	240	230	25.64	cps
Beryllium	9-1	28	51	18	32	52.12	cps
Bismuth	209-1	7101325	7099514	7158391	7119743	0.47	cps
Bismuth	209-2	5452786	5639656	5626920	5573120	1.87	cps
Bromine	81-1	11942	11708	11748	11799	1.06	cps
Bromine	81-2	117	170	157	148	18.78	cps
Cadmium	108-1	23	10	20	18	39.03	cps
Cadmium	106-1	3444	3384	3414	3414	0.88	cps
Cadmium	111-1	2418	2382	2392	2397	0.77	cps
Calcium	43-1	683	730	713	709	3.34	cps
Calcium	44-1	31795	31701	31724	31740	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1640	1433	1430	1501	8.01	cps
Cobalt	59-2	167	150	157	158	5.32	cps
Copper	63-2	2327	2154	2334	2271	4.49	cps
Dysprosium	156-1	53	30	40	41	28.47	cps
Dysprosium	156-2	30	37	33	33	10.01	cps
Erbium	164-1	93	97	70	87	16.77	cps
Erbium	164-2	77	70	70	72	5.33	cps
Gadolinium	160-1	47	47	87	60	38.49	cps
Gadolinium	160-2	307	313	300	307	2.17	cps
Holmium	165-1	11975014	11877526	11964415	11938985	0.45	cps
Holmium	165-2	8170974	8160279	8110010	8147088	0.40	cps
Indium	115-1	10387113	10455031	10461173	10434439	0.39	cps
Indium	115-2	3635686	3600062	3616623	3617457	0.49	cps
Iron	56-2	26674	25725	26320	26240	1.83	cps
Iron	57-2	2567	2710	2757	2678	3.70	cps
Iron	54-2	3250	3097	3057	3135	3.26	cps
Krypton	83-1	373	353	327	351	6.67	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:20:50	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410	373	397	393	4.72	cps
Lead	207-1	350	317	363	343	7.00	cps
Lead	208-1	1427	1400	1473	1433	2.59	cps
Lithium	6-1	1639242	1645820	1624232	1636431	0.68	cps
Magnesium	24-2	1460	1560	1440	1487	4.32	cps
Manganese	55-2	623	683	730	679	7.88	cps
Molybdenum	94-1	510	517	450	492	7.46	cps
Molybdenum	95-1	313	293	300	302	3.37	cps
Molybdenum	96-1	417	417	363	399	7.72	cps
Molybdenum	97-1	163	220	170	184	16.79	cps
Molybdenum	98-1	370	423	417	403	7.20	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	263	270	323	286	11.52	cps
Phosphorus	31-2	230	237	230	232	1.66	cps
Potassium	39-2	94142	93236	93636	93671	0.48	cps
Rhodium	103-1	10391237	10324829	10254368	10323478	0.66	cps
Rhodium	103-2	6311901	6307813	6341745	6320487	0.29	cps
Scandium	45-1	7131781	7143090	7125614	7133495	0.12	cps
Scandium	45-2	671837	663671	672904	669471	0.75	cps
Selenium	82-1	523	491	508	507	3.14	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	547	417	430	464	15.40	cps
Silicon	28-1	374035	373982	375614	374544	0.25	cps
Silver	107-1	90	107	117	104	12.90	cps
Silver	109-1	60	70	70	67	8.66	cps
Sodium	23-2	47229	46540	47189	46986	0.82	cps
Strontium	86-1	797	740	783	773	3.83	cps
Strontium	88-1	2337	2124	2124	2195	5.61	cps
Sulfur	34-1	322020	322721	318726	321156	0.66	cps
Terbium	159-1	12142691	12134918	12111653	12129754	0.13	cps
Terbium	159-2	8101355	8125240	8147190	8124595	0.28	cps
Thallium	203-1	193	260	183	212	19.64	cps
Thallium	205-1	517	390	447	451	14.07	cps
Tin	118-1	2327	2564	2167	2352	8.48	cps
Titanium	47-1	297	360	260	306	16.56	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:20:50	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	113	123	187	141	28.18	cps
Vanadium	51-2	37	30	47	38	22.21	cps
Yttrium	89-1	18641956	18805058	18667567	18704860	0.47	cps
Yttrium	89-2	4742447	4780676	4768270	4763798	0.41	cps
Zinc	66-2	1253	1160	1283	1232	5.22	cps
Zirconium	90-1	923	867	993	928	6.84	cps
Zirconium	91-1	207	183	250	213	15.86	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:24:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7825	8102	8012	7980	1.77	cps
Antimony	121-1	22414	23526	22775	22905	2.48	cps
Arsenic	75-2	727	720	843	763	9.09	cps
Barium	135-1	28298	28171	28235	28235	0.22	cps
Barium	137-1	48884	49349	49038	49090	0.48	cps
Beryllium	9-1	2373	2439	2314	2375	2.62	cps
Bismuth	209-1	7124593	7072958	7134811	7110787	0.47	cps
Bismuth	209-2	5690084	5643486	5669106	5667558	0.41	cps
Bromine	81-1	12102	11388	11748	11746	3.04	cps
Bromine	81-2	160	117	107	128	22.18	cps
Cadmium	108-1	210	247	223	227	8.19	cps
Cadmium	106-1	4077	3944	3757	3926	4.10	cps
Cadmium	111-1	5641	5595	5594	5610	0.48	cps
Calcium	43-1	20821	20985	20571	20792	1.00	cps
Calcium	44-1	356883	364851	366071	362602	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14417	14107	14520	14348	1.50	cps
Cobalt	59-2	10407	10187	10150	10248	1.36	cps
Copper	63-2	16759	16886	16726	16791	0.50	cps
Dysprosium	156-1	53	47	37	46	18.41	cps
Dysprosium	156-2	37	20	37	31	30.93	cps
Erbium	164-1	77	143	80	100	37.57	cps
Erbium	164-2	33	60	60	51	30.13	cps
Gadolinium	160-1	53	47	47	49	7.86	cps
Gadolinium	160-2	290	303	263	286	7.13	cps
Holmium	165-1	11903795	11980886	11700297	11861659	1.22	cps
Holmium	165-2	8093902	8160527	8115062	8123163	0.42	cps
Indium	115-1	10372934	10604131	10592817	10523294	1.24	cps
Indium	115-2	3704259	3579949	3618534	3634247	1.75	cps
Iron	56-2	309298	304850	306440	306863	0.73	cps
Iron	57-2	9623	10053	9990	9889	2.35	cps
Iron	54-2	18989	19042	18919	18983	0.33	cps
Krypton	83-1	320	317	317	318	0.61	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:24:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7559	7535	7766	7620	1.66	cps
Lead	207-1	6552	6542	6608	6567	0.55	cps
Lead	208-1	30327	30137	30514	30326	0.62	cps
Lithium	6-1	1653181	1665716	1709097	1675998	1.75	cps
Magnesium	24-2	313331	312066	313960	313119	0.31	cps
Manganese	55-2	5211	5341	5354	5302	1.49	cps
Molybdenum	94-1	26755	27456	27379	27196	1.41	cps
Molybdenum	95-1	32165	32787	32697	32550	1.03	cps
Molybdenum	96-1	35640	36095	36616	36117	1.35	cps
Molybdenum	97-1	20064	20444	20067	20192	1.08	cps
Molybdenum	98-1	50915	51213	52594	51574	1.74	cps
Neodymium	150-1	20	10	10	13	43.30	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	2840	2867	2950	2886	1.99	cps
Phosphorus	31-2	700	733	813	749	7.78	cps
Potassium	39-2	472240	470545	472792	471859	0.25	cps
Rhodium	103-1	10437169	10393816	10395500	10408828	0.24	cps
Rhodium	103-2	6429295	6281250	6238809	6316451	1.58	cps
Scandium	45-1	7162401	7152802	7174327	7163177	0.15	cps
Scandium	45-2	671687	666873	672088	670216	0.43	cps
Selenium	82-1	1602	1616	1717	1645	3.81	cps
Selenium	77-2	80	130	123	111	24.43	cps
Selenium	78-2	833	703	767	768	8.47	cps
Silicon	28-1	412051	416161	414619	414277	0.50	cps
Silver	107-1	14701	14778	15515	14998	3.00	cps
Silver	109-1	13940	14184	14187	14104	1.00	cps
Sodium	23-2	548639	554146	550257	551014	0.51	cps
Strontium	86-1	4958	4944	5144	5015	2.23	cps
Strontium	88-1	37541	38530	39256	38442	2.24	cps
Sulfur	34-1	328179	328795	331083	329352	0.46	cps
Terbium	159-1	12292570	12368316	12302709	12321198	0.33	cps
Terbium	159-2	8221453	8250332	8251214	8241000	0.21	cps
Thallium	203-1	9163	8856	9110	9043	1.81	cps
Thallium	205-1	22055	22141	22409	22201	0.83	cps
Tin	118-1	49214	51170	50769	50384	2.05	cps
Titanium	47-1	10020	9513	9960	9831	2.82	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:24:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27308	27238	26730	27092	1.16	cps
Vanadium	51-2	27475	27979	28671	28042	2.14	cps
Yttrium	89-1	18734894	18699323	18658046	18697421	0.21	cps
Yttrium	89-2	4782322	4720260	4720798	4741127	0.75	cps
Zinc	66-2	6692	6755	6575	6674	1.37	cps
Zirconium	90-1	22988	23038	23492	23173	1.20	cps
Zirconium	91-1	5118	5068	5188	5124	1.18	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:27:25	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	388886	384043	383380	385436	0.78	cps
Antimony	121-1	623753	635006	636125	631628	1.08	cps
Arsenic	75-2	40646	39469	39619	39911	1.60	cps
Barium	135-1	796683	804712	799852	800416	0.51	cps
Barium	137-1	1358495	1377039	1396944	1377493	1.40	cps
Beryllium	9-1	126527	128025	126728	127093	0.64	cps
Bismuth	209-1	7453402	7570739	7505619	7509920	0.78	cps
Bismuth	209-2	5862303	5826507	5830877	5839896	0.33	cps
Bromine	81-1	10894	11194	10821	10970	1.80	cps
Bromine	81-2	97	90	73	87	13.87	cps
Cadmium	108-1	12509	12659	12485	12551	0.75	cps
Cadmium	106-1	22003	21850	21760	21871	0.56	cps
Cadmium	111-1	173057	173981	175435	174158	0.69	cps
Calcium	43-1	256913	256496	255825	256411	0.21	cps
Calcium	44-1	3747200	3737758	3639001	3707986	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	343181	337829	335126	338712	1.21	cps
Cobalt	59-2	515822	511334	507116	511424	0.85	cps
Copper	63-2	3716940	3678886	3732517	3709448	0.74	cps
Dysprosium	156-1	60	60	67	62	6.19	cps
Dysprosium	156-2	67	80	67	71	10.82	cps
Erbium	164-1	93	120	90	101	16.26	cps
Erbium	164-2	50	70	70	63	18.23	cps
Gadolinium	160-1	73	57	60	63	13.92	cps
Gadolinium	160-2	353	300	313	322	8.61	cps
Holmium	165-1	12328804	12276858	12308445	12304702	0.21	cps
Holmium	165-2	8446701	8572440	8401598	8473580	1.04	cps
Indium	115-1	10691817	10816134	10406799	10638250	1.97	cps
Indium	115-2	3748231	3708805	3621087	3692708	1.76	cps
Iron	56-2	14334054	14225981	14042079	14200705	1.04	cps
Iron	57-2	378186	374908	374436	375843	0.54	cps
Iron	54-2	847671	836851	836284	840269	0.76	cps
Krypton	83-1	303	363	287	318	12.69	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:27:25	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2197339	2222664	2254572	2224858	1.29	cps
Lead	207-1	1994906	2003214	2060311	2019477	1.76	cps
Lead	208-1	9012402	9099866	9250306	9120858	1.32	cps
Lithium	6-1	1692373	1702197	1732593	1709054	1.23	cps
Magnesium	24-2	3067607	3003635	2942213	3004485	2.09	cps
Manganese	55-2	2391042	2391816	2357673	2380177	0.82	cps
Molybdenum	94-1	2696349	2706878	2663130	2688786	0.85	cps
Molybdenum	95-1	3958087	3957841	3901738	3939222	0.82	cps
Molybdenum	96-1	4295053	4257782	4195400	4249411	1.18	cps
Molybdenum	97-1	2423183	2447768	2471335	2447429	0.98	cps
Molybdenum	98-1	6149718	6269834	6253778	6224443	1.05	cps
Neodymium	150-1	33	57	67	52	32.76	cps
Neodymium	150-2	7	3	33	14	113.83	cps
Nickel	60-2	133585	132206	131723	132505	0.73	cps
Phosphorus	31-2	20324	20457	20183	20321	0.67	cps
Potassium	39-2	1988203	1993858	1985247	1989102	0.22	cps
Rhodium	103-1	10676080	10550861	10534948	10587296	0.73	cps
Rhodium	103-2	6415136	6414856	6263249	6364414	1.38	cps
Scandium	45-1	7349937	7265096	7244495	7286509	0.77	cps
Scandium	45-2	672980	665059	657813	665284	1.14	cps
Selenium	82-1	12318	12415	12325	12353	0.44	cps
Selenium	77-2	1117	1220	1133	1157	4.80	cps
Selenium	78-2	4274	4381	4251	4302	1.61	cps
Silicon	28-1	2116415	2084885	2077126	2092808	0.99	cps
Silver	107-1	865818	878589	869108	871172	0.76	cps
Silver	109-1	813449	820007	809502	814319	0.65	cps
Sodium	23-2	5358871	5231362	5166674	5252302	1.86	cps
Strontium	86-1	5807857	5809669	5812957	5810161	0.04	cps
Strontium	88-1	50834813	50725706	50499964	50686828	0.34	cps
Sulfur	34-1	385686	384289	380873	383616	0.65	cps
Terbium	159-1	12891330	12712574	12718450	12774118	0.79	cps
Terbium	159-2	8578404	8437051	8293331	8436262	1.69	cps
Thallium	203-1	505601	514308	513168	511026	0.93	cps
Thallium	205-1	1201405	1213574	1215614	1210198	0.63	cps
Tin	118-1	542906	552211	545614	546910	0.88	cps
Titanium	47-1	1141843	1134847	1137391	1138027	0.31	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:27:25	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1524343	1548874	1551030	1541416	0.96	cps
Vanadium	51-2	300430	297818	296629	298292	0.65	cps
Yttrium	89-1	19050076	19293841	19173890	19172602	0.64	cps
Yttrium	89-2	4768286	4751495	4718190	4745990	0.54	cps
Zinc	66-2	583895	579686	573336	578972	0.92	cps
Zirconium	90-1	1226575	1249287	1232171	1236011	0.96	cps
Zirconium	91-1	274072	277888	274086	275349	0.80	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:30:25	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	860706	859135	855178	858340	0.33	cps
Antimony	121-1	1509192	1572681	1554852	1545575	2.12	cps
Arsenic	75-2	94599	94028	93375	94001	0.65	cps
Barium	135-1	2023299	2058706	2037541	2039849	0.87	cps
Barium	137-1	3446249	3539627	3566969	3517615	1.80	cps
Beryllium	9-1	305073	311046	312288	309469	1.25	cps
Bismuth	209-1	7284283	7368031	7671345	7441219	2.74	cps
Bismuth	209-2	5794623	5848963	5907486	5850357	0.96	cps
Bromine	81-1	11425	10691	11111	11075	3.32	cps
Bromine	81-2	110	133	100	114	14.95	cps
Cadmium	108-1	29667	30582	30515	30255	1.69	cps
Cadmium	106-1	45568	47581	47380	46843	2.37	cps
Cadmium	111-1	407953	414628	413666	412082	0.88	cps
Calcium	43-1	597071	609321	605420	603937	1.04	cps
Calcium	44-1	8569705	8720711	8688467	8659628	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	799457	796190	795837	797161	0.25	cps
Cobalt	59-2	1214310	1214762	1207127	1212066	0.35	cps
Copper	63-2	8841844	8656870	8594214	8697643	1.48	cps
Dysprosium	156-1	63	57	73	64	13.01	cps
Dysprosium	156-2	110	103	93	102	8.21	cps
Erbium	164-1	57	117	100	91	33.99	cps
Erbium	164-2	83	67	50	67	25.00	cps
Gadolinium	160-1	70	90	50	70	28.57	cps
Gadolinium	160-2	333	317	347	332	4.52	cps
Holmium	165-1	12200968	12031135	12155694	12129266	0.73	cps
Holmium	165-2	8548841	8383621	8523448	8485303	1.05	cps
Indium	115-1	10250179	10325031	10518324	10364512	1.33	cps
Indium	115-2	3503261	3498557	3524440	3508753	0.39	cps
Iron	56-2	33791720	33593268	33617310	33667432	0.32	cps
Iron	57-2	885465	883512	883851	884276	0.12	cps
Iron	54-2	1924683	1874333	1895524	1898180	1.33	cps
Krypton	83-1	297	317	303	306	3.33	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:30:25	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5585698	5539491	5589792	5571660	0.50	cps
Lead	207-1	4855700	5022114	4884159	4920658	1.81	cps
Lead	208-1	22051128	22585187	22432193	22356169	1.23	cps
Lithium	6-1	1702283	1759753	1743596	1735211	1.71	cps
Magnesium	24-2	7163136	7105736	7073658	7114177	0.64	cps
Manganese	55-2	5669736	5573546	5571333	5604872	1.00	cps
Molybdenum	94-1	6388071	6493638	6384610	6422106	0.96	cps
Molybdenum	95-1	9238354	9433756	9389634	9353915	1.10	cps
Molybdenum	96-1	10129765	10167612	10261898	10186425	0.67	cps
Molybdenum	97-1	5734960	5815083	5834105	5794716	0.91	cps
Molybdenum	98-1	14553474	14824536	14803139	14727050	1.02	cps
Neodymium	150-1	87	87	87	87	0.00	cps
Neodymium	150-2	17	23	33	24	34.31	cps
Nickel	60-2	310120	311019	309786	310308	0.21	cps
Phosphorus	31-2	47604	47039	46203	46948	1.50	cps
Potassium	39-2	4568788	4493448	4527137	4529791	0.83	cps
Rhodium	103-1	10082234	10010791	10064584	10052536	0.37	cps
Rhodium	103-2	6163787	6142329	6142259	6149458	0.20	cps
Scandium	45-1	6860427	6887432	6891973	6879944	0.25	cps
Scandium	45-2	633017	626893	627276	629062	0.55	cps
Selenium	82-1	28516	28498	28857	28624	0.71	cps
Selenium	77-2	2767	2564	2730	2687	4.03	cps
Selenium	78-2	9593	9540	9760	9631	1.19	cps
Silicon	28-1	5334453	5406739	5440549	5393914	1.00	cps
Silver	107-1	2120420	2102990	2172104	2131838	1.69	cps
Silver	109-1	2011637	2022938	2040139	2024905	0.71	cps
Sodium	23-2	12372393	12398046	12312613	12361017	0.35	cps
Strontium	86-1	13639652	13800373	13709788	13716604	0.59	cps
Strontium	88-1	118805128	121780795	122384112	120990012	1.58	cps
Sulfur	34-1	459829	458599	455431	457953	0.50	cps
Terbium	159-1	12636207	12421755	12652261	12570075	1.02	cps
Terbium	159-2	8322060	8374486	8450870	8382472	0.77	cps
Thallium	203-1	1220019	1260953	1269077	1250016	2.10	cps
Thallium	205-1	3302634	3309926	3357159	3323239	0.89	cps
Tin	118-1	1292751	1315966	1325461	1311393	1.28	cps
Titanium	47-1	2576408	2646030	2644089	2622176	1.51	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:30:25	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4259043	4314697	4322283	4298674	0.80	cps
Vanadium	51-2	706787	704874	701887	704516	0.35	cps
Yttrium	89-1	18149831	18219115	18324426	18231124	0.48	cps
Yttrium	89-2	4653732	4597588	4612031	4621117	0.63	cps
Zinc	66-2	1365026	1354815	1357052	1358964	0.39	cps
Zirconium	90-1	2912049	2920551	2961885	2931495	0.91	cps
Zirconium	91-1	647177	661303	659689	656056	1.18	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:33:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1636652	1621359	1615077	1624363	0.68	cps
Antimony	121-1	3093824	3177891	3206708	3159474	1.86	cps
Arsenic	75-2	184969	184548	185065	184861	0.15	cps
Barium	135-1	3977736	4026507	4049760	4018001	0.91	cps
Barium	137-1	6906593	6964373	6963674	6944880	0.48	cps
Beryllium	9-1	602989	616365	615110	611488	1.21	cps
Bismuth	209-1	7549865	7671199	7628576	7616547	0.81	cps
Bismuth	209-2	6003325	5904697	6148135	6018719	2.03	cps
Bromine	81-1	10934	10984	11058	10992	0.56	cps
Bromine	81-2	100	133	110	114	14.95	cps
Cadmium	108-1	58343	58949	59662	58985	1.12	cps
Cadmium	106-1	87478	88320	89339	88379	1.05	cps
Cadmium	111-1	799674	816163	817467	811101	1.22	cps
Calcium	43-1	1156123	1175932	1173323	1168459	0.92	cps
Calcium	44-1	16656809	16727456	16951608	16778624	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1549961	1516525	1536052	1534179	1.09	cps
Cobalt	59-2	2334629	2374667	2347202	2352166	0.87	cps
Copper	63-2	17350296	17058357	17290811	17233155	0.90	cps
Dysprosium	156-1	103	57	73	78	30.40	cps
Dysprosium	156-2	217	177	137	177	22.64	cps
Erbium	164-1	133	100	113	116	14.52	cps
Erbium	164-2	100	100	63	88	24.12	cps
Gadolinium	160-1	77	127	110	104	24.37	cps
Gadolinium	160-2	300	267	290	286	5.99	cps
Holmium	165-1	12471910	12386527	12294281	12384240	0.72	cps
Holmium	165-2	8847272	8648864	8976385	8824174	1.87	cps
Indium	115-1	10242474	10325612	10268010	10278699	0.41	cps
Indium	115-2	3567030	3580687	3604055	3583924	0.52	cps
Iron	56-2	66561044	65298641	66093897	65984527	0.97	cps
Iron	57-2	1665488	1647226	1653041	1655252	0.56	cps
Iron	54-2	3711850	3696029	3695222	3701034	0.25	cps
Krypton	83-1	390	373	330	364	8.50	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:33:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11183720	11426722	11555983	11388808	1.66	cps
Lead	207-1	9870572	10091891	10023113	9995192	1.13	cps
Lead	208-1	44965157	45552326	45854223	45457236	0.99	cps
Lithium	6-1	1751525	1751118	1758007	1753550	0.22	cps
Magnesium	24-2	13936311	13845441	13843516	13875090	0.38	cps
Manganese	55-2	10996455	10840539	10968673	10935222	0.76	cps
Molybdenum	94-1	12460664	12499809	12814748	12591740	1.54	cps
Molybdenum	95-1	18297664	18647837	18761698	18569067	1.30	cps
Molybdenum	96-1	19891065	20085284	20368949	20115099	1.19	cps
Molybdenum	97-1	11367591	11581686	11417959	11455745	0.98	cps
Molybdenum	98-1	29136545	29362037	29551457	29350013	0.71	cps
Neodymium	150-1	140	100	137	126	17.68	cps
Neodymium	150-2	40	20	43	34	36.64	cps
Nickel	60-2	607077	612729	599021	606276	1.14	cps
Phosphorus	31-2	90019	90495	90455	90323	0.29	cps
Potassium	39-2	8826565	8780230	8686170	8764322	0.82	cps
Rhodium	103-1	10141589	10050706	9903030	10031775	1.20	cps
Rhodium	103-2	6243002	6226598	6329938	6266512	0.89	cps
Scandium	45-1	6768314	6775825	6689961	6744700	0.71	cps
Scandium	45-2	631854	628605	629598	630019	0.26	cps
Selenium	82-1	54429	55353	56168	55317	1.57	cps
Selenium	77-2	5248	5374	5158	5260	2.07	cps
Selenium	78-2	18141	18095	17891	18042	0.74	cps
Silicon	28-1	10328447	10427650	10604606	10453568	1.34	cps
Silver	107-1	4137850	4163239	4235465	4178851	1.21	cps
Silver	109-1	3939677	3946737	3907651	3931355	0.53	cps
Sodium	23-2	24248060	24144066	24284932	24225686	0.30	cps
Strontium	86-1	26727556	27127623	27345146	27066775	1.16	cps
Strontium	88-1	234231870	239448950	239988250	237889690	1.34	cps
Sulfur	34-1	582995	576195	571952	577048	0.97	cps
Terbium	159-1	12839675	12709250	12764304	12771076	0.51	cps
Terbium	159-2	8421991	8484293	8554857	8487047	0.78	cps
Thallium	203-1	2741202	2880088	2850211	2823834	2.59	cps
Thallium	205-1	6657739	6780137	6784642	6740839	1.07	cps
Tin	118-1	2625587	2667384	2667403	2653458	0.91	cps
Titanium	47-1	5061518	5100041	5162479	5108013	1.00	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:33:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8657189	9072789	8925114	8885031	2.37	cps
Vanadium	51-2	1346608	1332864	1362250	1347240	1.09	cps
Yttrium	89-1	18318264	18195607	18239003	18250958	0.34	cps
Yttrium	89-2	4661850	4589274	4614199	4621774	0.80	cps
Zinc	66-2	2704899	2693716	2692047	2696888	0.26	cps
Zirconium	90-1	5733233	5757355	5808686	5766425	0.67	cps
Zirconium	91-1	1276174	1297844	1303905	1292641	1.13	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:36:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3208442	3185019	3177365	3190275	0.51	cps
Antimony	121-1	6228032	6248926	6190981	6222646	0.47	cps
Arsenic	75-2	361016	362405	360765	361395	0.24	cps
Barium	135-1	7887263	8066115	7972442	7975273	1.12	cps
Barium	137-1	13641962	13799846	14061020	13834276	1.53	cps
Beryllium	9-1	1175415	1198408	1188463	1187428	0.97	cps
Bismuth	209-1	7499229	7602790	7639752	7580591	0.96	cps
Bismuth	209-2	5804904	5795871	5882741	5827839	0.82	cps
Bromine	81-1	11168	11431	11274	11291	1.17	cps
Bromine	81-2	137	107	117	120	12.73	cps
Cadmium	108-1	115065	116910	118160	116712	1.33	cps
Cadmium	106-1	168036	169574	171324	169645	0.97	cps
Cadmium	111-1	1570538	1599257	1595200	1588332	0.98	cps
Calcium	43-1	2221634	2216919	2210314	2216289	0.26	cps
Calcium	44-1	32921185	32863490	33029380	32938018	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2984062	2984895	2960496	2976484	0.47	cps
Cobalt	59-2	4646960	4597000	4662594	4635518	0.74	cps
Copper	63-2	33134540	33406235	32973577	33171451	0.66	cps
Dysprosium	156-1	133	137	113	128	9.88	cps
Dysprosium	156-2	337	303	340	327	6.21	cps
Erbium	164-1	217	133	193	181	23.74	cps
Erbium	164-2	100	110	127	112	12.01	cps
Gadolinium	160-1	107	137	107	117	14.85	cps
Gadolinium	160-2	320	330	300	317	4.82	cps
Holmium	165-1	12675770	12776632	12472063	12641489	1.23	cps
Holmium	165-2	8651132	8611596	8709618	8657449	0.57	cps
Indium	115-1	10346784	10367270	10306177	10340077	0.30	cps
Indium	115-2	3524894	3567427	3518565	3536962	0.75	cps
Iron	56-2	129690211	128958955	128784215	129144460	0.37	cps
Iron	57-2	3258230	3238679	3249244	3248717	0.30	cps
Iron	54-2	7245876	7305967	7154765	7235536	1.05	cps
Krypton	83-1	313	307	353	324	7.78	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:36:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22298945	22480679	22553896	22444506	0.58	cps
Lead	207-1	19774411	19940573	19816576	19843853	0.44	cps
Lead	208-1	89244998	90517654	90084975	89949209	0.72	cps
Lithium	6-1	1768121	1806777	1761682	1778860	1.37	cps
Magnesium	24-2	27190195	27303500	27080843	27191513	0.41	cps
Manganese	55-2	21564134	21516744	21400884	21493921	0.39	cps
Molybdenum	94-1	24523056	25036885	25299326	24953089	1.58	cps
Molybdenum	95-1	36232392	36721926	36647744	36534021	0.72	cps
Molybdenum	96-1	39289968	39875154	39959604	39708242	0.92	cps
Molybdenum	97-1	22368161	22817718	22629736	22605205	1.00	cps
Molybdenum	98-1	57865691	58201537	58417186	58161471	0.48	cps
Neodymium	150-1	290	270	330	297	10.30	cps
Neodymium	150-2	100	67	57	74	30.48	cps
Nickel	60-2	1173074	1169726	1173626	1172142	0.18	cps
Phosphorus	31-2	177375	178302	175659	177112	0.76	cps
Potassium	39-2	17120269	17214492	16856093	17063618	1.09	cps
Rhodium	103-1	10030880	10036249	10003878	10023669	0.17	cps
Rhodium	103-2	6084378	6133030	6085939	6101116	0.45	cps
Scandium	45-1	6868289	6804203	6785467	6819320	0.64	cps
Scandium	45-2	629048	631910	625360	628773	0.52	cps
Selenium	82-1	106974	107955	107948	107626	0.52	cps
Selenium	77-2	10510	10564	10584	10553	0.36	cps
Selenium	78-2	35502	35158	34313	34991	1.75	cps
Silicon	28-1	22473298	22680572	22795867	22649912	0.72	cps
Silver	107-1	8096719	8180810	8148511	8142013	0.52	cps
Silver	109-1	7679881	7729925	7711113	7706973	0.33	cps
Sodium	23-2	47436316	47280101	47166093	47294170	0.29	cps
Strontium	86-1	53627008	53309308	54125166	53687160	0.77	cps
Strontium	88-1	465209660	473980353	470025273	469738429	0.94	cps
Sulfur	34-1	837211	838977	833520	836569	0.33	cps
Terbium	159-1	12888551	13211366	12979188	13026368	1.28	cps
Terbium	159-2	8589219	8718743	8700604	8669522	0.81	cps
Thallium	203-1	5603365	5571152	5581376	5585298	0.29	cps
Thallium	205-1	13140692	13472975	13662974	13425547	1.97	cps
Tin	118-1	5222725	5267170	5380053	5289983	1.53	cps
Titanium	47-1	10015572	10140193	10094218	10083328	0.62	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:36:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17212776	17717026	17467049	17465617	1.44	cps
Vanadium	51-2	2647118	2686327	2632789	2655411	1.04	cps
Yttrium	89-1	18368408	18545432	18409604	18441148	0.50	cps
Yttrium	89-2	4638571	4668029	4567804	4624801	1.11	cps
Zinc	66-2	5177974	5124607	5128547	5143709	0.58	cps
Zirconium	90-1	11284044	11672062	11601012	11519039	1.79	cps
Zirconium	91-1	2522440	2568049	2601075	2563855	1.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:38:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6477075	6498101	6414459	6463212	0.67	cps
Antimony	121-1	12365129	12716207	12797724	12626353	1.82	cps
Arsenic	75-2	734575	735324	732439	734113	0.20	cps
Barium	135-1	16093740	16564259	16713594	16457197	1.97	cps
Barium	137-1	28068479	28688867	28482377	28413241	1.11	cps
Beryllium	9-1	2238438	2332687	2284247	2285124	2.06	cps
Bismuth	209-1	7523579	7528491	7659815	7570629	1.02	cps
Bismuth	209-2	5744466	5853354	5766277	5788032	1.00	cps
Bromine	81-1	11048	10921	11445	11138	2.45	cps
Bromine	81-2	90	100	93	94	5.39	cps
Cadmium	108-1	230091	233873	235737	233234	1.23	cps
Cadmium	106-1	332371	336205	340882	336486	1.27	cps
Cadmium	111-1	3206703	3291336	3272903	3256980	1.37	cps
Calcium	43-1	4452169	4507620	4590113	4516634	1.54	cps
Calcium	44-1	67240524	67999331	68219286	67819713	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6030001	6052266	5951627	6011298	0.88	cps
Cobalt	59-2	9271014	9256813	9169892	9232573	0.59	cps
Copper	63-2	66085816	66184591	65577806	65949404	0.49	cps
Dysprosium	156-1	303	257	233	264	13.48	cps
Dysprosium	156-2	697	663	690	683	2.58	cps
Erbium	164-1	267	350	257	291	17.60	cps
Erbium	164-2	157	150	170	159	6.41	cps
Gadolinium	160-1	180	207	180	189	8.15	cps
Gadolinium	160-2	413	353	420	396	9.28	cps
Holmium	165-1	12567492	13136790	12882509	12862264	2.22	cps
Holmium	165-2	8798432	8788138	8706834	8764468	0.57	cps
Indium	115-1	10141250	10345211	10371989	10286150	1.23	cps
Indium	115-2	3497507	3394024	3436104	3442545	1.51	cps
Iron	56-2	262631956	261439956	259377503	261149805	0.63	cps
Iron	57-2	6567567	6502950	6488245	6519587	0.65	cps
Iron	54-2	14632609	14585129	14318216	14511985	1.17	cps
Krypton	83-1	350	407	310	356	13.66	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:38:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	44448014	44754449	45861469	45021311	1.65	cps
Lead	207-1	39732445	40054046	40470573	40085688	0.92	cps
Lead	208-1	180806784	181489487	183340111	181878794	0.72	cps
Lithium	6-1	1751653	1739621	1750260	1747178	0.38	cps
Magnesium	24-2	55309646	56149466	54174994	55211369	1.79	cps
Manganese	55-2	43811274	43863181	42946663	43540373	1.18	cps
Molybdenum	94-1	51016291	51722743	52011836	51583623	0.99	cps
Molybdenum	95-1	74357496	75193042	75357501	74969346	0.72	cps
Molybdenum	96-1	80054107	81643814	81910669	81202863	1.24	cps
Molybdenum	97-1	45404519	46951334	46223529	46193128	1.68	cps
Molybdenum	98-1	116720758	119478665	118854232	118351218	1.22	cps
Neodymium	150-1	560	613	577	583	4.68	cps
Neodymium	150-2	143	140	170	151	10.88	cps
Nickel	60-2	2400637	2398133	2348641	2382471	1.23	cps
Phosphorus	31-2	358663	360854	356116	358544	0.66	cps
Potassium	39-2	34517297	34973656	34235556	34575503	1.08	cps
Rhodium	103-1	9987702	9920329	9953278	9953770	0.34	cps
Rhodium	103-2	6012356	6052797	6058148	6041100	0.41	cps
Scandium	45-1	6878183	6916932	6930161	6908425	0.39	cps
Scandium	45-2	630385	638454	629218	632686	0.79	cps
Selenium	82-1	212342	216673	217757	215591	1.33	cps
Selenium	77-2	20881	21593	20401	20958	2.86	cps
Selenium	78-2	70048	69649	69284	69660	0.55	cps
Silicon	28-1	41068703	41366222	41351784	41262236	0.41	cps
Silver	107-1	15909490	16115334	16281988	16102271	1.16	cps
Silver	109-1	15077591	15364050	15261597	15234413	0.95	cps
Sodium	23-2	97078565	96791119	95727005	96532230	0.74	cps
Strontium	86-1	108283288	110491835	110672818	109815981	1.21	cps
Strontium	88-1	940808226	961910066	955797159	952838484	1.14	cps
Sulfur	34-1	1450616	1467452	1450847	1456305	0.66	cps
Terbium	159-1	13069674	13290567	13265538	13208593	0.92	cps
Terbium	159-2	8763113	8572452	8665473	8667013	1.10	cps
Thallium	203-1	11105614	11396095	11402799	11301503	1.50	cps
Thallium	205-1	26860350	27315932	27145337	27107206	0.85	cps
Tin	118-1	10471179	10787624	10894317	10717707	2.05	cps
Titanium	47-1	20607894	20820230	20823900	20750675	0.60	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:38:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35442626	36099036	36959942	36167201	2.10	cps
Vanadium	51-2	5391203	5435379	5354002	5393528	0.76	cps
Yttrium	89-1	18411152	18575900	18794250	18593767	1.03	cps
Yttrium	89-2	4603179	4641130	4625546	4623285	0.41	cps
Zinc	66-2	10349255	10305695	10195899	10283616	0.77	cps
Zirconium	90-1	23154871	23685038	23671425	23503778	1.29	cps
Zirconium	91-1	5155802	5277218	5275129	5236050	1.33	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:41:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32821013	33174565	33132160	33042579	0.58	cps
Antimony	121-1	8633	8453	8586	8557	1.09	cps
Arsenic	75-2	377	420	450	416	8.87	cps
Barium	135-1	6522	6728	6732	6661	1.81	cps
Barium	137-1	11325	11338	10841	11168	2.54	cps
Beryllium	9-1	274	473	229	325	39.94	cps
Bismuth	209-1	6675532	6636156	6613700	6641796	0.47	cps
Bismuth	209-2	5233989	5142541	5163978	5180169	0.92	cps
Bromine	81-1	11665	12028	11711	11801	1.68	cps
Bromine	81-2	160	140	153	151	6.74	cps
Cadmium	108-1	110	60	80	83	30.20	cps
Cadmium	106-1	3837	3507	3564	3636	4.85	cps
Cadmium	111-1	3046	2766	2872	2895	4.87	cps
Calcium	43-1	18495073	18762369	18886223	18714555	1.07	cps
Calcium	44-1	302820042	303187782	307959675	304655833	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20120	20217	20017	20118	0.50	cps
Cobalt	59-2	24370	24146	23809	24108	1.17	cps
Copper	63-2	14837	14754	14587	14726	0.87	cps
Dysprosium	156-1	420	427	467	438	5.77	cps
Dysprosium	156-2	340	377	353	357	5.20	cps
Erbium	164-1	493	550	500	514	6.02	cps
Erbium	164-2	343	337	313	331	4.76	cps
Gadolinium	160-1	383	420	380	394	5.63	cps
Gadolinium	160-2	550	517	603	557	7.85	cps
Holmium	165-1	12267574	12246395	12240981	12251650	0.11	cps
Holmium	165-2	8394316	8492395	8334744	8407151	0.95	cps
Indium	115-1	9871718	9755616	9724267	9783867	0.79	cps
Indium	115-2	3436020	3469273	3423127	3442807	0.69	cps
Iron	56-2	1243577901	1253175368	1255027075	1250593448	0.49	cps
Iron	57-2	31265751	31376247	31495391	31379130	0.37	cps
Iron	54-2	68885954	69181129	68672589	68913224	0.37	cps
Krypton	83-1	353	373	343	357	4.28	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:41:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8239	14798	6955	9997	42.08	cps
Lead	207-1	6999	13221	6118	8779	44.10	cps
Lead	208-1	31942	57451	28015	39136	40.84	cps
Lithium	6-1	1646495	1652313	1648295	1649035	0.18	cps
Magnesium	24-2	277429043	274654563	276722329	276268645	0.52	cps
Manganese	55-2	21586	21879	21242	21569	1.48	cps
Molybdenum	94-1	11975	11428	11548	11650	2.47	cps
Molybdenum	95-1	10991	10871	10474	10779	2.51	cps
Molybdenum	96-1	23279	23593	23542	23471	0.72	cps
Molybdenum	97-1	7045	7088	6585	6906	4.04	cps
Molybdenum	98-1	17507	16736	16159	16801	4.03	cps
Neodymium	150-1	187	277	247	237	19.36	cps
Neodymium	150-2	177	160	137	158	12.73	cps
Nickel	60-2	9240	8766	9013	9006	2.63	cps
Phosphorus	31-2	310	317	300	309	2.71	cps
Potassium	39-2	178043104	179564284	179473884	179027091	0.48	cps
Rhodium	103-1	8976110	8959003	9067273	9000795	0.65	cps
Rhodium	103-2	5578643	5549413	5501006	5543021	0.71	cps
Scandium	45-1	6714948	6759975	6717022	6730648	0.38	cps
Scandium	45-2	634705	637514	628598	633605	0.72	cps
Selenium	82-1	645	635	700	660	5.26	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	407	477	443	442	7.92	cps
Silicon	28-1	435274	427394	423167	428612	1.43	cps
Silver	107-1	2317	2314	1990	2207	8.50	cps
Silver	109-1	2394	2050	1957	2134	10.78	cps
Sodium	23-2	470834846	468594326	469644006	469691060	0.24	cps
Strontium	86-1	18896	18455	17684	18345	3.34	cps
Strontium	88-1	161165	158092	147666	155641	4.55	cps
Sulfur	34-1	243835	245501	248754	246030	1.02	cps
Terbium	159-1	12670663	12393139	12626856	12563553	1.19	cps
Terbium	159-2	8261429	8372964	8199559	8277984	1.06	cps
Thallium	203-1	1487	1624	1013	1375	23.29	cps
Thallium	205-1	3614	7414	2600	4543	55.86	cps
Tin	118-1	6355	6525	6365	6415	1.49	cps
Titanium	47-1	2514	2770	2324	2536	8.85	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:41:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2324	5126	1690	3047	60.02	cps
Vanadium	51-2	1290	1163	1163	1206	6.07	cps
Yttrium	89-1	17756937	17813261	17777624	17782607	0.16	cps
Yttrium	89-2	4630811	4653406	4633012	4639076	0.27	cps
Zinc	66-2	5418	5004	4924	5115	5.18	cps
Zirconium	90-1	13416	13873	13863	13718	1.90	cps
Zirconium	91-1	3077	3027	3104	3069	1.27	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:56:34	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172188	169804	170112	170701	0.76	cps
Antimony	121-1	2459948	2459014	2510456	2476473	1.19	cps
Arsenic	75-2	155478	153797	152679	153985	0.91	cps
Barium	135-1	293792	296200	297912	295968	0.70	cps
Barium	137-1	506956	513700	512548	511068	0.71	cps
Beryllium	9-1	208308	209112	212491	209970	1.06	cps
Bismuth	209-1	7324638	7348218	7365054	7345970	0.28	cps
Bismuth	209-2	5874749	5796975	5885176	5852300	0.82	cps
Bromine	81-1	12739	12369	12272	12460	1.98	cps
Bromine	81-2	160	127	157	148	12.42	cps
Cadmium	108-1	20571	21433	21650	21218	2.69	cps
Cadmium	106-1	32366	32530	33201	32699	1.35	cps
Cadmium	111-1	317305	326477	326231	323338	1.62	cps
Calcium	43-1	81286	82137	81511	81645	0.54	cps
Calcium	44-1	1256069	1272709	1280255	1269678	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	663808	658063	660992	660954	0.43	cps
Cobalt	59-2	1009189	998663	992687	1000180	0.84	cps
Copper	63-2	678281	681500	677263	679015	0.33	cps
Dysprosium	156-1	47	50	40	46	11.18	cps
Dysprosium	156-2	30	60	53	48	32.97	cps
Erbium	164-1	83	70	73	76	9.18	cps
Erbium	164-2	40	40	67	49	31.50	cps
Gadolinium	160-1	67	67	37	57	30.56	cps
Gadolinium	160-2	363	337	343	348	3.99	cps
Holmium	165-1	11735926	12089621	12151194	11992247	1.87	cps
Holmium	165-2	8679937	8586204	8555303	8607148	0.75	cps
Indium	115-1	10449908	10466488	10413133	10443177	0.26	cps
Indium	115-2	3734846	3779567	3753627	3756013	0.60	cps
Iron	56-2	10891755	10810255	10827552	10843187	0.40	cps
Iron	57-2	285730	283090	284556	284459	0.46	cps
Iron	54-2	657153	651999	649100	652751	0.62	cps
Krypton	83-1	333	313	323	323	3.09	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:56:34	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1817339	1817287	1833381	1822669	0.51	cps
Lead	207-1	1365542	1380327	1393118	1379662	1.00	cps
Lead	208-1	6964166	6948777	7049061	6987334	0.77	cps
Lithium	6-1	1658099	1686812	1666338	1670416	0.89	cps
Magnesium	24-2	718008	711451	716531	715330	0.48	cps
Manganese	55-2	469592	468082	462843	466839	0.76	cps
Molybdenum	94-1	1710	1790	1787	1762	2.57	cps
Molybdenum	95-1	790	743	870	801	8.00	cps
Molybdenum	96-1	1140	1147	1277	1188	6.49	cps
Molybdenum	97-1	410	437	473	440	7.23	cps
Molybdenum	98-1	1323	1227	1173	1241	6.13	cps
Neodymium	150-1	23	17	30	23	28.56	cps
Neodymium	150-2	10	0	13	8	89.21	cps
Nickel	60-2	259784	255311	255624	256906	0.97	cps
Phosphorus	31-2	213	267	240	240	11.11	cps
Potassium	39-2	1518366	1522735	1512348	1517817	0.34	cps
Rhodium	103-1	10362919	10434976	10438941	10412279	0.41	cps
Rhodium	103-2	6586253	6428119	6347676	6454016	1.88	cps
Scandium	45-1	7173738	7159318	7034874	7122643	1.07	cps
Scandium	45-2	680974	674462	675127	676854	0.53	cps
Selenium	82-1	45361	46204	46145	45903	1.02	cps
Selenium	77-2	4411	4521	4577	4503	1.88	cps
Selenium	78-2	15835	15959	15939	15911	0.42	cps
Silicon	28-1	363459	365816	370568	366615	0.99	cps
Silver	107-1	779144	790879	799096	789706	1.27	cps
Silver	109-1	737019	743932	747045	742665	0.69	cps
Sodium	23-2	2019058	1964491	1992525	1992025	1.37	cps
Strontium	86-1	2197	2260	2387	2281	4.24	cps
Strontium	88-1	14881	14794	14954	14877	0.54	cps
Sulfur	34-1	297764	293897	291777	294479	1.03	cps
Terbium	159-1	12629034	12516091	12595424	12580183	0.46	cps
Terbium	159-2	8544417	8516402	8494564	8518461	0.29	cps
Thallium	203-1	2257189	2308070	2282208	2282489	1.11	cps
Thallium	205-1	5542451	5471686	5454146	5489427	0.85	cps
Tin	118-1	3010	3010	3117	3046	2.02	cps
Titanium	47-1	437	397	450	428	6.49	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICV003	Instrumnet Name :	P7
Client Sample ID :	ICV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:56:34	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	250	233	287	257	10.63	cps
Vanadium	51-2	571627	568390	568959	569659	0.30	cps
Yttrium	89-1	18459064	18949852	18702339	18703752	1.31	cps
Yttrium	89-2	4952189	4854279	4834309	4880259	1.29	cps
Zinc	66-2	217653	217345	215732	216910	0.48	cps
Zirconium	90-1	3987	3857	4041	3962	2.38	cps
Zirconium	91-1	1147	1070	1000	1072	6.84	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:59:43	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25321	25775	24880	25325	1.77	cps
Antimony	121-1	1310	1600	1740	1550	14.15	cps
Arsenic	75-2	17	23	43	28	49.95	cps
Barium	135-1	307	353	333	331	7.07	cps
Barium	137-1	500	483	577	520	9.57	cps
Beryllium	9-1	129	65	75	90	37.86	cps
Bismuth	209-1	7431382	7520375	7533299	7495019	0.74	cps
Bismuth	209-2	6016374	6066677	5937081	6006711	1.09	cps
Bromine	81-1	12659	12719	12429	12602	1.22	cps
Bromine	81-2	73	80	110	88	22.25	cps
Cadmium	108-1	17	3	23	14	70.51	cps
Cadmium	106-1	3777	3831	3674	3761	2.12	cps
Cadmium	111-1	2709	2716	2615	2680	2.09	cps
Calcium	43-1	780	757	763	767	1.57	cps
Calcium	44-1	34665	34307	34367	34446	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1870	1897	1833	1867	1.70	cps
Cobalt	59-2	173	240	187	200	17.64	cps
Copper	63-2	4204	4451	4334	4330	2.85	cps
Dysprosium	156-1	43	43	27	38	25.46	cps
Dysprosium	156-2	33	17	23	24	34.31	cps
Erbium	164-1	90	110	107	102	10.48	cps
Erbium	164-2	70	53	37	53	31.25	cps
Gadolinium	160-1	33	47	73	51	39.85	cps
Gadolinium	160-2	310	300	267	292	7.77	cps
Holmium	165-1	12667802	12548201	12594524	12603509	0.48	cps
Holmium	165-2	8582410	8795859	8747992	8708753	1.29	cps
Indium	115-1	11053428	11092491	10998763	11048227	0.43	cps
Indium	115-2	3830430	3768218	3831395	3810015	0.95	cps
Iron	56-2	51695	51518	51755	51656	0.24	cps
Iron	57-2	3177	3220	3267	3221	1.40	cps
Iron	54-2	4244	4531	4251	4342	3.77	cps
Krypton	83-1	340	390	287	339	15.25	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:59:43	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	973	1023	1017	1004	2.70	cps
Lead	207-1	990	847	790	876	11.77	cps
Lead	208-1	4134	3904	3764	3934	4.75	cps
Lithium	6-1	1745364	1744121	1722329	1737271	0.75	cps
Magnesium	24-2	3287	3244	3207	3246	1.23	cps
Manganese	55-2	1860	1727	1733	1773	4.24	cps
Molybdenum	94-1	660	733	743	712	6.39	cps
Molybdenum	95-1	497	593	533	541	9.02	cps
Molybdenum	96-1	653	633	653	647	1.79	cps
Molybdenum	97-1	307	303	367	326	10.95	cps
Molybdenum	98-1	793	830	857	827	3.85	cps
Neodymium	150-1	13	10	10	11	17.30	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	407	350	377	378	7.50	cps
Phosphorus	31-2	233	233	253	240	4.81	cps
Potassium	39-2	101492	101113	101317	101307	0.19	cps
Rhodium	103-1	10862741	10870355	10710644	10814580	0.83	cps
Rhodium	103-2	6639817	6694137	6599043	6644332	0.72	cps
Scandium	45-1	7379058	7415732	7443704	7412831	0.44	cps
Scandium	45-2	687538	694674	690797	691003	0.52	cps
Selenium	82-1	496	533	669	566	16.08	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	543	500	503	516	4.68	cps
Silicon	28-1	361003	364054	360252	361770	0.56	cps
Silver	107-1	697	580	593	623	10.24	cps
Silver	109-1	650	480	427	519	22.48	cps
Sodium	23-2	67273	66931	66462	66889	0.61	cps
Strontium	86-1	1197	1160	1060	1139	6.21	cps
Strontium	88-1	5004	4838	4657	4833	3.59	cps
Sulfur	34-1	287647	291546	288738	289310	0.70	cps
Terbium	159-1	12987375	13048006	13058389	13031256	0.29	cps
Terbium	159-2	8491448	8661905	8652404	8601919	1.11	cps
Thallium	203-1	640	587	513	580	10.96	cps
Thallium	205-1	1353	1223	1167	1248	7.67	cps
Tin	118-1	2517	2730	2524	2590	4.68	cps
Titanium	47-1	400	390	393	394	1.29	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICB003	Instrumnet Name :	P7
Client Sample ID :	ICB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 12:59:43	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	210	230	217	219	4.65	cps
Vanadium	51-2	103	73	90	89	16.92	cps
Yttrium	89-1	19618788	19606073	19379948	19534936	0.69	cps
Yttrium	89-2	4923334	5064363	4995063	4994254	1.41	cps
Zinc	66-2	3484	3490	3207	3394	4.77	cps
Zirconium	90-1	983	987	1157	1042	9.51	cps
Zirconium	91-1	180	270	233	228	19.87	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:03:04	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30813759	30881324	30320777	30671953	1.00	cps
Antimony	121-1	13627	14100	14377	14035	2.71	cps
Arsenic	75-2	230	220	253	234	7.30	cps
Barium	135-1	4457	4304	4497	4420	2.31	cps
Barium	137-1	7429	7562	7832	7608	2.70	cps
Beryllium	9-1	649	630	639	639	1.55	cps
Bismuth	209-1	6901197	7028150	7158474	7029274	1.83	cps
Bismuth	209-2	5555472	5444503	5537636	5512537	1.08	cps
Bromine	81-1	12849	12549	12455	12618	1.63	cps
Bromine	81-2	257	203	253	238	12.56	cps
Cadmium	108-1	1767	1543	1727	1679	7.09	cps
Cadmium	106-1	3667	3510	3400	3526	3.80	cps
Cadmium	111-1	3360	3484	3215	3353	4.01	cps
Calcium	43-1	3668165	3771920	3781578	3740554	1.68	cps
Calcium	44-1	59878939	61299464	61268849	60815751	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127883	127137	126985	127335	0.38	cps
Cobalt	59-2	12359	11925	12142	12142	1.79	cps
Copper	63-2	50823	51227	50849	50966	0.44	cps
Dysprosium	156-1	87	100	67	84	19.87	cps
Dysprosium	156-2	70	60	57	62	11.15	cps
Erbium	164-1	130	147	140	139	6.04	cps
Erbium	164-2	97	70	87	84	15.95	cps
Gadolinium	160-1	87	113	77	92	20.55	cps
Gadolinium	160-2	360	330	307	332	8.05	cps
Holmium	165-1	12277525	12386546	12484644	12382905	0.84	cps
Holmium	165-2	8519121	8625683	8542874	8562559	0.65	cps
Indium	115-1	10154774	10329016	10345483	10276424	1.03	cps
Indium	115-2	3575213	3554493	3587961	3572556	0.47	cps
Iron	56-2	530064072	523958526	526465392	526829330	0.58	cps
Iron	57-2	13151036	13201148	12888058	13080081	1.29	cps
Iron	54-2	29079284	29140351	28655555	28958397	0.91	cps
Krypton	83-1	363	300	330	331	9.57	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:03:04	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	35299	36101	36185	35862	1.36	cps
Lead	207-1	28136	28998	28747	28627	1.55	cps
Lead	208-1	132322	134961	136553	134612	1.59	cps
Lithium	6-1	1656470	1670613	1691280	1672787	1.05	cps
Magnesium	24-2	55538313	55866639	55200208	55535053	0.60	cps
Manganese	55-2	36668	35953	36651	36424	1.12	cps
Molybdenum	94-1	7237392	7444674	7352362	7344810	1.41	cps
Molybdenum	95-1	12740455	12989567	12928645	12886222	1.01	cps
Molybdenum	96-1	13613376	13883272	13987422	13828023	1.40	cps
Molybdenum	97-1	7971751	8068549	8075524	8038608	0.72	cps
Molybdenum	98-1	20360576	20538589	20399672	20432946	0.46	cps
Neodymium	150-1	63	80	73	72	11.62	cps
Neodymium	150-2	33	27	37	32	15.80	cps
Nickel	60-2	13406	13189	13156	13250	1.03	cps
Phosphorus	31-2	1742974	1744238	1759411	1748874	0.52	cps
Potassium	39-2	69727352	69668641	69325152	69573715	0.31	cps
Rhodium	103-1	9654996	9710929	9715245	9693724	0.35	cps
Rhodium	103-2	6069043	5938965	5886418	5964809	1.58	cps
Scandium	45-1	6821272	6887391	6964313	6890992	1.04	cps
Scandium	45-2	651023	650345	649525	650298	0.12	cps
Selenium	82-1	526	586	490	534	9.15	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	367	390	403	387	4.80	cps
Silicon	28-1	479748	483318	487693	483586	0.82	cps
Silver	107-1	1547	1187	1017	1250	21.65	cps
Silver	109-1	1413	1023	1057	1165	18.57	cps
Sodium	23-2	97363092	96734745	95676829	96591555	0.88	cps
Strontium	86-1	144285	149742	150440	148156	2.27	cps
Strontium	88-1	1269998	1297613	1297254	1288289	1.23	cps
Sulfur	34-1	5849738	5905785	5981872	5912465	1.12	cps
Terbium	159-1	12464229	12613299	12738410	12605313	1.09	cps
Terbium	159-2	8644161	8287116	8497738	8476338	2.12	cps
Thallium	203-1	1090	1037	1307	1145	12.50	cps
Thallium	205-1	2610	2834	2764	2736	4.18	cps
Tin	118-1	3941	4044	4124	4036	2.28	cps
Titanium	47-1	3692096	3770898	3751927	3738307	1.10	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSA003	Instrumnet Name :	P7
Client Sample ID :	ICSA003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:03:04	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	670	693	680	681	1.72	cps
Vanadium	51-2	917	1090	1157	1054	11.75	cps
Yttrium	89-1	18307048	18227967	18420559	18318525	0.53	cps
Yttrium	89-2	4734769	4662731	4712713	4703404	0.78	cps
Zinc	66-2	12552	12652	12545	12583	0.48	cps
Zirconium	90-1	4341	5238	5661	5080	13.27	cps
Zirconium	91-1	1067	1217	1240	1175	8.01	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:06:06	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30421578	30106440	30159064	30229027	0.56	cps
Antimony	121-1	250769	251146	253455	251790	0.58	cps
Arsenic	75-2	15048	14864	15098	15003	0.82	cps
Barium	135-1	63146	63441	63297	63294	0.23	cps
Barium	137-1	109712	109363	109407	109494	0.17	cps
Beryllium	9-1	40215	40288	41180	40561	1.32	cps
Bismuth	209-1	7316854	7095248	7194875	7202326	1.54	cps
Bismuth	209-2	5551289	5609979	5605483	5588917	0.58	cps
Bromine	81-1	13413	13910	14317	13880	3.26	cps
Bromine	81-2	467	357	387	403	14.10	cps
Cadmium	108-1	5594	5684	5688	5656	0.94	cps
Cadmium	106-1	8836	8943	8833	8871	0.71	cps
Cadmium	111-1	62346	64182	63768	63432	1.52	cps
Calcium	43-1	3691858	3843445	3786941	3774081	2.03	cps
Calcium	44-1	60170629	61672081	61058024	60966911	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	251241	249915	248997	250051	0.45	cps
Cobalt	59-2	198123	197914	197083	197707	0.28	cps
Copper	63-2	174771	173665	173887	174108	0.34	cps
Dysprosium	156-1	70	83	70	74	10.34	cps
Dysprosium	156-2	47	77	50	58	28.46	cps
Erbium	164-1	113	103	130	116	11.66	cps
Erbium	164-2	87	77	77	80	7.22	cps
Gadolinium	160-1	103	113	110	109	4.68	cps
Gadolinium	160-2	327	327	327	327	0.00	cps
Holmium	165-1	12656211	12452275	12488895	12532461	0.87	cps
Holmium	165-2	8633766	8680203	8672540	8662170	0.29	cps
Indium	115-1	10720898	10182228	10320649	10407925	2.69	cps
Indium	115-2	3592314	3642889	3606349	3613850	0.72	cps
Iron	56-2	515490086	516246699	516799366	516178717	0.13	cps
Iron	57-2	12831659	12744701	12781456	12785939	0.34	cps
Iron	54-2	28739837	28649639	28533413	28640963	0.36	cps
Krypton	83-1	297	357	403	352	15.18	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:06:06	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	206920	208235	210418	208524	0.85	cps
Lead	207-1	175687	176875	176299	176287	0.34	cps
Lead	208-1	806881	815485	817031	813132	0.67	cps
Lithium	6-1	1621939	1670698	1638235	1643624	1.51	cps
Magnesium	24-2	55071604	54708421	54625719	54801915	0.43	cps
Manganese	55-2	124452	124012	122718	123728	0.73	cps
Molybdenum	94-1	7205169	7377387	7331696	7304750	1.22	cps
Molybdenum	95-1	12597436	13002072	12947920	12849142	1.71	cps
Molybdenum	96-1	13596045	13698834	13709469	13668116	0.46	cps
Molybdenum	97-1	7837222	7987704	8045458	7956795	1.35	cps
Molybdenum	98-1	20043629	20457898	20343977	20281835	1.06	cps
Neodymium	150-1	53	70	57	60	14.70	cps
Neodymium	150-2	23	50	30	34	40.30	cps
Nickel	60-2	59471	61505	59963	60313	1.76	cps
Phosphorus	31-2	1736286	1717796	1746396	1733493	0.84	cps
Potassium	39-2	68962651	68547282	68449792	68653242	0.40	cps
Rhodium	103-1	9999562	9914030	9875168	9929587	0.64	cps
Rhodium	103-2	6143153	6168348	6088185	6133229	0.67	cps
Scandium	45-1	7055727	7126890	6997148	7059921	0.92	cps
Scandium	45-2	668350	668411	661553	666105	0.59	cps
Selenium	82-1	4619	4785	4822	4742	2.28	cps
Selenium	77-2	357	380	453	397	12.72	cps
Selenium	78-2	1763	1767	1900	1810	4.31	cps
Silicon	28-1	490659	496812	500936	496136	1.04	cps
Silver	107-1	291916	297548	297314	295593	1.08	cps
Silver	109-1	276084	277813	278500	277466	0.45	cps
Sodium	23-2	95606515	94593019	93880315	94693283	0.92	cps
Strontium	86-1	146706	148843	148783	148110	0.82	cps
Strontium	88-1	1276422	1290219	1294801	1287147	0.74	cps
Sulfur	34-1	5781696	5850597	5963257	5865183	1.56	cps
Terbium	159-1	12907666	12983638	12920885	12937396	0.31	cps
Terbium	159-2	8470342	8596111	8481289	8515914	0.82	cps
Thallium	203-1	216971	216622	217426	217006	0.19	cps
Thallium	205-1	511610	517311	516776	515232	0.61	cps
Tin	118-1	3570	3837	3891	3766	4.55	cps
Titanium	47-1	3692988	3794800	3728309	3738699	1.38	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	ICSAB003	Instrumnet Name :	P7
Client Sample ID :	ICSAB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:06:06	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	673	720	630	674	6.67	cps
Vanadium	51-2	111024	110702	110777	110834	0.15	cps
Yttrium	89-1	18710555	18767058	18826609	18768074	0.31	cps
Yttrium	89-2	4856301	4785974	4742953	4795076	1.19	cps
Zinc	66-2	32242	32973	32809	32675	1.18	cps
Zirconium	90-1	2357	2664	2920	2647	10.66	cps
Zirconium	91-1	520	653	663	612	13.07	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:12:22	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17141208	17112161	17239148	17164172	0.39	cps
Antimony	121-1	6132799	6310496	6243934	6229077	1.44	cps
Arsenic	75-2	364402	364900	364669	364657	0.07	cps
Barium	135-1	8081297	8262691	8115678	8153222	1.18	cps
Barium	137-1	13973022	14113734	14057464	14048073	0.50	cps
Beryllium	9-1	1148766	1170495	1163340	1160867	0.95	cps
Bismuth	209-1	7107027	7068254	7238830	7138037	1.25	cps
Bismuth	209-2	5402316	5461797	5449040	5437718	0.58	cps
Bromine	81-1	11815	12168	11595	11859	2.44	cps
Bromine	81-2	143	140	120	134	9.39	cps
Cadmium	108-1	111011	114323	113698	113011	1.56	cps
Cadmium	106-1	163862	166331	165184	165126	0.75	cps
Cadmium	111-1	1513281	1536169	1536711	1528720	0.87	cps
Calcium	43-1	9976739	10077427	10033202	10029123	0.50	cps
Calcium	44-1	158547691	160836024	160797011	160060242	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3149544	3067613	3096008	3104389	1.34	cps
Cobalt	59-2	4930185	4979635	4973447	4961089	0.54	cps
Copper	63-2	34335144	34287158	34237184	34286495	0.14	cps
Dysprosium	156-1	373	357	320	350	7.80	cps
Dysprosium	156-2	470	530	447	482	8.92	cps
Erbium	164-1	337	353	430	373	13.33	cps
Erbium	164-2	223	253	263	247	8.44	cps
Gadolinium	160-1	303	317	297	306	3.33	cps
Gadolinium	160-2	440	500	490	477	6.74	cps
Holmium	165-1	12437196	12669804	12483253	12530084	0.98	cps
Holmium	165-2	8581057	8546763	8719264	8615694	1.06	cps
Indium	115-1	10257873	10142703	10232917	10211164	0.59	cps
Indium	115-2	3511780	3468813	3420578	3467057	1.32	cps
Iron	56-2	654021297	660617230	656329444	656989324	0.51	cps
Iron	57-2	16221148	16371575	16325220	16305981	0.47	cps
Iron	54-2	36223705	36512097	36119920	36285241	0.56	cps
Krypton	83-1	393	373	397	388	3.25	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:12:22	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21583454	21794308	21861591	21746451	0.67	cps
Lead	207-1	19234243	19352447	19444962	19343884	0.55	cps
Lead	208-1	87024688	87555577	88553964	87711410	0.89	cps
Lithium	6-1	1625946	1645103	1638342	1636463	0.59	cps
Magnesium	24-2	141400348	143040045	143386771	142609055	0.74	cps
Manganese	55-2	22222697	22044757	22107903	22125119	0.41	cps
Molybdenum	94-1	25799282	25910512	26171845	25960547	0.74	cps
Molybdenum	95-1	37639125	37796944	38098340	37844803	0.62	cps
Molybdenum	96-1	40834021	41596262	41949318	41459867	1.37	cps
Molybdenum	97-1	23164044	23568518	23839857	23524140	1.45	cps
Molybdenum	98-1	59502566	60086052	60615132	60067917	0.93	cps
Neodymium	150-1	410	327	403	380	12.19	cps
Neodymium	150-2	150	127	127	134	10.02	cps
Nickel	60-2	1231081	1225281	1227315	1227893	0.24	cps
Phosphorus	31-2	186143	186400	185671	186071	0.20	cps
Potassium	39-2	90803889	91237799	90698479	90913389	0.31	cps
Rhodium	103-1	9697700	9607782	9644399	9649960	0.47	cps
Rhodium	103-2	5904436	5822870	5888137	5871814	0.74	cps
Scandium	45-1	7028820	7066868	7006047	7033911	0.44	cps
Scandium	45-2	657390	650516	655304	654403	0.54	cps
Selenium	82-1	103774	104645	105661	104693	0.90	cps
Selenium	77-2	10300	10314	9870	10161	2.48	cps
Selenium	78-2	34898	34440	33956	34431	1.37	cps
Silicon	28-1	28991645	29338905	29190975	29173841	0.60	cps
Silver	107-1	7781780	7972018	7920428	7891409	1.25	cps
Silver	109-1	7408003	7436426	7350327	7398252	0.59	cps
Sodium	23-2	244246103	244501856	243211883	243986614	0.28	cps
Strontium	86-1	54678516	55550833	55413946	55214431	0.85	cps
Strontium	88-1	477048153	480478860	487528713	481685242	1.11	cps
Sulfur	34-1	834136	825678	823961	827925	0.66	cps
Terbium	159-1	12806233	12876215	12969781	12884076	0.64	cps
Terbium	159-2	8504310	8444411	8442515	8463745	0.42	cps
Thallium	203-1	5407691	5434074	5412439	5418068	0.26	cps
Thallium	205-1	12815701	12940404	12932860	12896321	0.54	cps
Tin	118-1	5226779	5311615	5340082	5292825	1.11	cps
Titanium	47-1	10508816	10577389	10582079	10556095	0.39	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV007	Instrumnet Name :	P7
Client Sample ID :	CCV007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:12:22	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17501486	17458682	17353153	17437773	0.44	cps
Vanadium	51-2	2789155	2852100	2769536	2803597	1.54	cps
Yttrium	89-1	18647271	18605880	18851078	18701410	0.70	cps
Yttrium	89-2	4730742	4634284	4658459	4674495	1.07	cps
Zinc	66-2	5183479	5173260	5140366	5165702	0.44	cps
Zirconium	90-1	11772731	11954542	12080522	11935931	1.30	cps
Zirconium	91-1	2629923	2651426	2691941	2657763	1.18	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:15:38	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1297	1263	1337	1299	2.83	cps
Antimony	121-1	3724	3620	3767	3704	2.04	cps
Arsenic	75-2	30	33	23	29	17.63	cps
Barium	135-1	443	427	360	410	10.76	cps
Barium	137-1	640	573	583	599	6.00	cps
Beryllium	9-1	107	129	118	118	9.60	cps
Bismuth	209-1	7507367	7495109	7518418	7506964	0.16	cps
Bismuth	209-2	5757931	5989589	5921368	5889629	2.02	cps
Bromine	81-1	11358	11441	11885	11561	2.45	cps
Bromine	81-2	120	63	113	99	31.32	cps
Cadmium	108-1	30	17	13	20	44.10	cps
Cadmium	106-1	3570	3414	3460	3482	2.31	cps
Cadmium	111-1	2612	2495	2523	2543	2.40	cps
Calcium	43-1	1067	963	1087	1039	6.37	cps
Calcium	44-1	40151	38069	38206	38809	3.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1643	1637	1557	1612	2.99	cps
Cobalt	59-2	307	193	317	272	25.16	cps
Copper	63-2	3737	3841	3654	3744	2.50	cps
Dysprosium	156-1	27	13	20	20	33.35	cps
Dysprosium	156-2	17	37	20	24	43.83	cps
Erbium	164-1	93	123	90	102	17.96	cps
Erbium	164-2	43	63	50	52	19.50	cps
Gadolinium	160-1	77	63	43	61	27.46	cps
Gadolinium	160-2	310	283	303	299	4.64	cps
Holmium	165-1	12224969	12310542	12340242	12291918	0.49	cps
Holmium	165-2	8482101	8561879	8532503	8525495	0.47	cps
Indium	115-1	10775557	10536536	10612261	10641451	1.15	cps
Indium	115-2	3681449	3678204	3670465	3676706	0.15	cps
Iron	56-2	46879	46953	48347	47393	1.75	cps
Iron	57-2	2800	2787	2964	2850	3.45	cps
Iron	54-2	4124	4257	4427	4270	3.56	cps
Krypton	83-1	293	347	317	319	8.38	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:15:38	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1937	1650	1757	1781	8.14	cps
Lead	207-1	1640	1417	1383	1480	9.43	cps
Lead	208-1	7764	6574	6534	6957	10.05	cps
Lithium	6-1	1632921	1624564	1648135	1635206	0.73	cps
Magnesium	24-2	5978	5668	5965	5870	2.99	cps
Manganese	55-2	1293	1430	1320	1348	5.38	cps
Molybdenum	94-1	3697	3014	3000	3237	12.31	cps
Molybdenum	95-1	2640	2127	2067	2278	13.84	cps
Molybdenum	96-1	3097	2724	2660	2827	8.35	cps
Molybdenum	97-1	1483	1483	1397	1455	3.44	cps
Molybdenum	98-1	3951	3430	3520	3634	7.65	cps
Neodymium	150-1	13	13	17	14	13.35	cps
Neodymium	150-2	13	0	17	10	88.20	cps
Nickel	60-2	270	273	247	263	5.52	cps
Phosphorus	31-2	187	190	227	201	11.04	cps
Potassium	39-2	108550	107278	107926	107918	0.59	cps
Rhodium	103-1	10182767	10498349	10400062	10360392	1.56	cps
Rhodium	103-2	6425558	6422259	6379625	6409147	0.40	cps
Scandium	45-1	6948337	6920267	6975622	6948076	0.40	cps
Scandium	45-2	645652	648095	654072	649273	0.67	cps
Selenium	82-1	581	448	543	524	13.00	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	583	480	450	504	13.87	cps
Silicon	28-1	348143	353976	352971	351697	0.89	cps
Silver	107-1	930	810	777	839	9.61	cps
Silver	109-1	890	743	623	752	17.76	cps
Sodium	23-2	78814	78267	77524	78201	0.83	cps
Strontium	86-1	2874	2634	2420	2642	8.58	cps
Strontium	88-1	21409	16423	15371	17734	18.19	cps
Sulfur	34-1	245478	247266	249857	247534	0.89	cps
Terbium	159-1	12841384	12775045	12697608	12771346	0.56	cps
Terbium	159-2	8425033	8516627	8515050	8485570	0.62	cps
Thallium	203-1	933	823	727	828	12.49	cps
Thallium	205-1	2184	1984	1800	1989	9.64	cps
Tin	118-1	3180	3367	3557	3368	5.59	cps
Titanium	47-1	840	743	747	777	7.07	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB007	Instrumnet Name :	P7
Client Sample ID :	CCB007	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 13:15:38	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	743	670	543	652	15.51	cps
Vanadium	51-2	127	110	87	108	18.64	cps
Yttrium	89-1	18736508	18374310	18706202	18605673	1.08	cps
Yttrium	89-2	4730580	4672414	4795429	4732807	1.30	cps
Zinc	66-2	1437	1380	1490	1436	3.83	cps
Zirconium	90-1	5401	4541	4477	4806	10.73	cps
Zirconium	91-1	1243	1080	1040	1121	9.61	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:18:55	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4603170	4592807	4652331	4616103	0.69	cps
Antimony	121-1	4411	4591	4654	4552	2.77	cps
Arsenic	75-2	30077	30047	29713	29946	0.67	cps
Barium	135-1	394240	398598	397621	396820	0.58	cps
Barium	137-1	676834	690229	699224	688762	1.64	cps
Beryllium	9-1	623	813	668	702	14.17	cps
Bismuth	209-1	7470571	7544329	7463495	7492799	0.60	cps
Bismuth	209-2	5778223	5749794	5738305	5755441	0.36	cps
Bromine	81-1	12315	12665	13600	12860	5.16	cps
Bromine	81-2	347	303	320	323	6.76	cps
Cadmium	108-1	153	137	167	152	9.87	cps
Cadmium	106-1	4201	3944	3671	3938	6.73	cps
Cadmium	111-1	3940	3762	3613	3771	4.34	cps
Calcium	43-1	121380	125161	127399	124647	2.44	cps
Calcium	44-1	1884379	1948326	1996266	1942991	2.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197982	197685	199046	198238	0.36	cps
Cobalt	59-2	177557	177810	177537	177635	0.09	cps
Copper	63-2	502083	498837	500058	500326	0.33	cps
Dysprosium	156-1	16587	17227	16607	16807	2.17	cps
Dysprosium	156-2	13707	13386	13333	13475	1.50	cps
Erbium	164-1	15669	15766	15719	15718	0.31	cps
Erbium	164-2	10447	11168	10651	10755	3.45	cps
Gadolinium	160-1	15632	16286	15836	15918	2.10	cps
Gadolinium	160-2	11698	11628	11955	11761	1.46	cps
Holmium	165-1	12422595	12288829	12335324	12348916	0.55	cps
Holmium	165-2	8506749	8655174	8696045	8619323	1.16	cps
Indium	115-1	10800011	11004576	10894253	10899613	0.94	cps
Indium	115-2	3761765	3788859	3764376	3771667	0.40	cps
Iron	56-2	186946377	186681237	186366504	186664706	0.16	cps
Iron	57-2	4570621	4610244	4604892	4595252	0.47	cps
Iron	54-2	10266037	10115230	10086264	10155844	0.95	cps
Krypton	83-1	397	340	373	370	7.70	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:18:55	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	108455	110531	112273	110420	1.73	cps
Lead	207-1	94439	97879	96325	96214	1.79	cps
Lead	208-1	432263	441205	440877	438115	1.16	cps
Lithium	6-1	1666016	1595079	1637303	1632799	2.19	cps
Magnesium	24-2	4775901	4752738	4729575	4752738	0.49	cps
Manganese	55-2	3238222	3153702	3191265	3194396	1.33	cps
Molybdenum	94-1	30345	30625	31327	30766	1.64	cps
Molybdenum	95-1	2840	2767	2754	2787	1.67	cps
Molybdenum	96-1	9650	9817	9930	9799	1.44	cps
Molybdenum	97-1	1807	1757	1813	1792	1.73	cps
Molybdenum	98-1	4481	4337	4437	4418	1.66	cps
Neodymium	150-1	28723	28766	28956	28815	0.43	cps
Neodymium	150-2	16920	16717	16583	16740	1.01	cps
Nickel	60-2	78273	77207	76735	77405	1.02	cps
Phosphorus	31-2	13119	12889	12939	12982	0.93	cps
Potassium	39-2	1896018	1920853	1907585	1908152	0.65	cps
Rhodium	103-1	10410799	10590934	10600812	10534182	1.02	cps
Rhodium	103-2	6534916	6548741	6556057	6546571	0.16	cps
Scandium	45-1	7222255	7431302	7425430	7359662	1.62	cps
Scandium	45-2	717603	720762	717319	718561	0.27	cps
Selenium	82-1	563	590	581	578	2.39	cps
Selenium	77-2	67	60	63	63	5.27	cps
Selenium	78-2	617	643	520	593	10.94	cps
Silicon	28-1	8003546	8418785	8230163	8217498	2.53	cps
Silver	107-1	1910	1950	1870	1910	2.09	cps
Silver	109-1	1927	1793	1693	1805	6.49	cps
Sodium	23-2	102099	103954	102387	102813	0.97	cps
Strontium	86-1	65890	67604	68344	67279	1.87	cps
Strontium	88-1	571752	587209	592346	583769	1.84	cps
Sulfur	34-1	243608	245992	247614	245738	0.82	cps
Terbium	159-1	12708311	12896025	12964992	12856443	1.03	cps
Terbium	159-2	8750420	8541657	8644217	8645431	1.21	cps
Thallium	203-1	1270	1370	1343	1328	3.90	cps
Thallium	205-1	3120	3077	2907	3035	3.72	cps
Tin	118-1	8212	8052	8309	8191	1.58	cps
Titanium	47-1	617802	642063	648809	636225	2.56	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:18:55	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5531	5565	5725	5607	1.84	cps
Vanadium	51-2	534765	530240	530459	531821	0.48	cps
Yttrium	89-1	19172733	19438423	19590553	19400570	1.09	cps
Yttrium	89-2	5009018	5021489	5087218	5039242	0.83	cps
Zinc	66-2	71825	70988	71463	71425	0.59	cps
Zirconium	90-1	79028	81880	81863	80923	2.03	cps
Zirconium	91-1	17457	17741	17894	17697	1.25	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:22:08	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4650179	4638549	4622140	4636956	0.30	cps
Antimony	121-1	3857	4127	4207	4064	4.51	cps
Arsenic	75-2	30388	29900	29369	29886	1.70	cps
Barium	135-1	391219	396228	399601	395683	1.07	cps
Barium	137-1	670194	690193	682304	680897	1.48	cps
Beryllium	9-1	696	673	778	716	7.69	cps
Bismuth	209-1	7426367	7459166	7545370	7476968	0.82	cps
Bismuth	209-2	5877121	5843781	5780845	5833916	0.84	cps
Bromine	81-1	13710	13583	13583	13625	0.54	cps
Bromine	81-2	300	307	337	314	6.21	cps
Cadmium	108-1	133	113	133	127	9.12	cps
Cadmium	106-1	3954	4004	3904	3954	1.26	cps
Cadmium	111-1	3731	3780	3819	3777	1.17	cps
Calcium	43-1	125934	126106	127587	126542	0.72	cps
Calcium	44-1	1937709	2010544	1968696	1972317	1.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	197695	197827	196486	197336	0.37	cps
Cobalt	59-2	177597	177044	177075	177239	0.18	cps
Copper	63-2	504321	497679	495120	499040	0.95	cps
Dysprosium	156-1	16650	16837	16563	16683	0.84	cps
Dysprosium	156-2	13330	13950	13390	13557	2.52	cps
Erbium	164-1	15552	15175	15762	15496	1.92	cps
Erbium	164-2	10881	10567	10838	10762	1.58	cps
Gadolinium	160-1	15585	16113	15809	15836	1.67	cps
Gadolinium	160-2	11625	11695	11872	11731	1.08	cps
Holmium	165-1	12409364	12540938	12471891	12474065	0.53	cps
Holmium	165-2	8757504	8776319	8711600	8748474	0.38	cps
Indium	115-1	10922194	10995375	11088534	11002034	0.76	cps
Indium	115-2	3765368	3764951	3763191	3764504	0.03	cps
Iron	56-2	187216804	185342871	182088857	184882844	1.40	cps
Iron	57-2	4619843	4553125	4428321	4533763	2.14	cps
Iron	54-2	10308663	10203298	10245834	10252598	0.52	cps
Krypton	83-1	323	400	377	367	10.72	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:22:08	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	107693	109903	108510	108702	1.03	cps
Lead	207-1	96063	95204	95281	95516	0.50	cps
Lead	208-1	433023	436062	435360	434815	0.37	cps
Lithium	6-1	1621307	1659941	1630339	1637196	1.23	cps
Magnesium	24-2	4731332	4762875	4804634	4766280	0.77	cps
Manganese	55-2	3204296	3168978	3169225	3180833	0.64	cps
Molybdenum	94-1	30558	30241	30993	30598	1.23	cps
Molybdenum	95-1	2657	2617	2780	2685	3.17	cps
Molybdenum	96-1	9396	9547	9410	9451	0.88	cps
Molybdenum	97-1	1653	1710	1667	1677	1.77	cps
Molybdenum	98-1	3884	3931	4004	3939	1.54	cps
Neodymium	150-1	28636	29230	29357	29074	1.32	cps
Neodymium	150-2	16830	17247	16780	16953	1.51	cps
Nickel	60-2	76537	76568	77111	76738	0.42	cps
Phosphorus	31-2	12869	12982	12415	12755	2.35	cps
Potassium	39-2	1901444	1897206	1909637	1902762	0.33	cps
Rhodium	103-1	10711924	10721258	10692642	10708608	0.14	cps
Rhodium	103-2	6509528	6500914	6468684	6493042	0.33	cps
Scandium	45-1	7528097	7658188	7589618	7591968	0.86	cps
Scandium	45-2	718057	711471	706291	711940	0.83	cps
Selenium	82-1	611	654	557	607	8.06	cps
Selenium	77-2	100	90	80	90	11.11	cps
Selenium	78-2	533	527	610	557	8.32	cps
Silicon	28-1	8303903	8375842	8546705	8408817	1.48	cps
Silver	107-1	1660	1627	1710	1666	2.52	cps
Silver	109-1	1563	1547	1583	1565	1.17	cps
Sodium	23-2	101438	100099	98817	100118	1.31	cps
Strontium	86-1	66730	68328	68043	67700	1.26	cps
Strontium	88-1	581267	588891	584829	584996	0.65	cps
Sulfur	34-1	247486	237981	235611	240360	2.61	cps
Terbium	159-1	12959960	13014376	12910051	12961462	0.40	cps
Terbium	159-2	8617253	8469234	8569766	8552085	0.88	cps
Thallium	203-1	1273	1183	1300	1252	4.88	cps
Thallium	205-1	2834	2927	2810	2857	2.16	cps
Tin	118-1	8359	8296	8069	8241	1.85	cps
Titanium	47-1	640101	643424	653287	645604	1.06	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:22:08	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5518	5525	5321	5455	2.12	cps
Vanadium	51-2	534655	526980	529142	530259	0.75	cps
Yttrium	89-1	19907562	19817331	20009841	19911578	0.48	cps
Yttrium	89-2	5004665	4994525	5011332	5003508	0.17	cps
Zinc	66-2	69966	69105	69337	69469	0.64	cps
Zirconium	90-1	79524	80546	80285	80118	0.66	cps
Zirconium	91-1	17204	17571	17914	17563	2.02	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:25:18	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917173	915939	912408	915173	0.27	cps
Antimony	121-1	980	1113	1247	1113	11.98	cps
Arsenic	75-2	6001	5738	5808	5849	2.33	cps
Barium	135-1	75535	78890	76457	76961	2.25	cps
Barium	137-1	135758	134738	137274	135923	0.94	cps
Beryllium	9-1	162	145	192	166	14.29	cps
Bismuth	209-1	7371985	7165405	7359019	7298803	1.59	cps
Bismuth	209-2	5864135	5880368	6029549	5924684	1.54	cps
Bromine	81-1	13263	13149	13453	13288	1.15	cps
Bromine	81-2	193	200	220	204	6.79	cps
Cadmium	108-1	30	67	37	44	43.95	cps
Cadmium	106-1	3987	3587	3661	3745	5.69	cps
Cadmium	111-1	3007	2764	2790	2854	4.67	cps
Calcium	43-1	24660	25438	26166	25421	2.96	cps
Calcium	44-1	431326	435385	435407	434039	0.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39625	39608	39187	39474	0.63	cps
Cobalt	59-2	34419	34734	33998	34384	1.07	cps
Copper	63-2	98555	99598	99827	99327	0.68	cps
Dysprosium	156-1	3344	3470	3160	3325	4.69	cps
Dysprosium	156-2	2647	2634	2597	2626	0.99	cps
Erbium	164-1	2960	3190	3177	3109	4.15	cps
Erbium	164-2	2187	2067	2040	2098	3.72	cps
Gadolinium	160-1	2920	3144	3210	3091	4.91	cps
Gadolinium	160-2	2404	2364	2570	2446	4.48	cps
Holmium	165-1	12184612	12821869	12286999	12431160	2.75	cps
Holmium	165-2	8729253	8638532	8502784	8623523	1.32	cps
Indium	115-1	10547877	11351489	10743753	10881040	3.85	cps
Indium	115-2	3743230	3799871	3734224	3759108	0.95	cps
Iron	56-2	35729002	35780079	35673032	35727371	0.15	cps
Iron	57-2	935501	937391	937574	936822	0.12	cps
Iron	54-2	1976768	1967780	1993405	1979318	0.66	cps
Krypton	83-1	347	407	323	359	11.98	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:25:18	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21534	22656	22028	22073	2.55	cps
Lead	207-1	19527	19578	19578	19561	0.15	cps
Lead	208-1	87979	88548	89995	88841	1.17	cps
Lithium	6-1	1653106	1632599	1634774	1640160	0.69	cps
Magnesium	24-2	956463	957854	954948	956422	0.15	cps
Manganese	55-2	631406	633604	632441	632484	0.17	cps
Molybdenum	94-1	6762	6772	6725	6753	0.36	cps
Molybdenum	95-1	1067	1010	957	1011	5.44	cps
Molybdenum	96-1	2617	2234	2550	2467	8.30	cps
Molybdenum	97-1	693	620	663	659	5.60	cps
Molybdenum	98-1	1390	1563	1500	1485	5.91	cps
Neodymium	150-1	5618	5521	5818	5652	2.68	cps
Neodymium	150-2	3254	3320	3444	3339	2.89	cps
Nickel	60-2	15488	15578	15491	15519	0.33	cps
Phosphorus	31-2	2724	2447	2640	2604	5.45	cps
Potassium	39-2	475198	473802	473913	474304	0.16	cps
Rhodium	103-1	10531246	10681501	10341058	10517935	1.62	cps
Rhodium	103-2	6445805	6571725	6587533	6535021	1.19	cps
Scandium	45-1	7208717	7276699	7337856	7274424	0.89	cps
Scandium	45-2	686338	685726	685390	685818	0.07	cps
Selenium	82-1	509	522	552	528	4.19	cps
Selenium	77-2	17	23	27	22	22.91	cps
Selenium	78-2	443	487	533	488	9.23	cps
Silicon	28-1	1968723	1941472	2005746	1971981	1.64	cps
Silver	107-1	497	520	420	479	10.93	cps
Silver	109-1	407	400	443	417	5.60	cps
Sodium	23-2	67350	66770	66908	67009	0.45	cps
Strontium	86-1	13800	14240	14190	14077	1.71	cps
Strontium	88-1	118386	116560	120577	118507	1.70	cps
Sulfur	34-1	227359	227146	227796	227434	0.15	cps
Terbium	159-1	12826305	12851842	12653858	12777335	0.84	cps
Terbium	159-2	8568602	8419963	8525659	8504741	0.90	cps
Thallium	203-1	613	597	637	616	3.26	cps
Thallium	205-1	1527	1500	1553	1527	1.75	cps
Tin	118-1	3477	3510	3540	3509	0.90	cps
Titanium	47-1	123969	128890	126671	126510	1.95	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA05L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:25:18	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1297	1260	1280	1279	1.44	cps
Vanadium	51-2	104143	101451	102482	102692	1.32	cps
Yttrium	89-1	19067015	18805514	19185058	19019196	1.02	cps
Yttrium	89-2	4905402	4852306	4970741	4909483	1.21	cps
Zinc	66-2	14310	14988	14684	14661	2.31	cps
Zirconium	90-1	16516	17060	17043	16873	1.83	cps
Zirconium	91-1	3734	3671	3711	3705	0.86	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:28:35	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4684415	4566442	4606438	4619098	1.30	cps
Antimony	121-1	183708	184660	185713	184694	0.54	cps
Arsenic	75-2	34340	34136	34056	34177	0.43	cps
Barium	135-1	1259088	1273657	1269546	1267430	0.59	cps
Barium	137-1	2277993	2318160	2314641	2303598	0.97	cps
Beryllium	9-1	15325	15676	15592	15531	1.18	cps
Bismuth	209-1	7392318	7516816	7409405	7439513	0.91	cps
Bismuth	209-2	5898599	5843468	5866820	5869629	0.47	cps
Bromine	81-1	13159	13393	13953	13502	3.02	cps
Bromine	81-2	333	313	313	320	3.61	cps
Cadmium	108-1	1677	1653	1760	1697	3.31	cps
Cadmium	106-1	6138	5848	5958	5981	2.45	cps
Cadmium	111-1	27206	28115	27393	27571	1.74	cps
Calcium	43-1	124513	125164	126182	125286	0.67	cps
Calcium	44-1	1936610	1961740	1968413	1955588	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	391923	387361	393069	390784	0.77	cps
Cobalt	59-2	917880	913830	911086	914265	0.37	cps
Copper	63-2	745092	739639	734104	739612	0.74	cps
Dysprosium	156-1	16199	16890	16687	16592	2.14	cps
Dysprosium	156-2	13683	13593	13630	13636	0.33	cps
Erbium	164-1	14898	15625	15338	15287	2.40	cps
Erbium	164-2	10634	10571	10868	10691	1.46	cps
Gadolinium	160-1	15255	16223	16169	15882	3.42	cps
Gadolinium	160-2	11628	11448	11785	11620	1.45	cps
Holmium	165-1	12363213	12453438	12316623	12377758	0.56	cps
Holmium	165-2	8762784	8512487	8544094	8606455	1.58	cps
Indium	115-1	10874670	10840473	10666385	10793842	1.03	cps
Indium	115-2	3707943	3762734	3721367	3730681	0.77	cps
Iron	56-2	185042244	180896217	182336877	182758446	1.15	cps
Iron	57-2	4564748	4399585	4478080	4480804	1.84	cps
Iron	54-2	10060524	10149642	10085610	10098592	0.46	cps
Krypton	83-1	340	363	390	364	6.86	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:28:35	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	130284	131204	130961	130816	0.36	cps
Lead	207-1	113408	115509	114292	114403	0.92	cps
Lead	208-1	515020	522762	522208	519997	0.83	cps
Lithium	6-1	1653288	1604786	1638567	1632214	1.52	cps
Magnesium	24-2	4696808	4698252	4605964	4667008	1.13	cps
Manganese	55-2	3443106	3413313	3440166	3432195	0.48	cps
Molybdenum	94-1	29015	29647	29339	29334	1.08	cps
Molybdenum	95-1	2677	2554	2574	2601	2.55	cps
Molybdenum	96-1	9066	9096	9286	9150	1.30	cps
Molybdenum	97-1	1497	1563	1463	1508	3.38	cps
Molybdenum	98-1	3914	3784	3687	3795	3.00	cps
Neodymium	150-1	28255	29324	29127	28902	1.97	cps
Neodymium	150-2	16330	16803	16396	16510	1.55	cps
Nickel	60-2	266699	262673	262738	264037	0.87	cps
Phosphorus	31-2	12785	12345	12719	12616	1.88	cps
Potassium	39-2	1890147	1879106	1867080	1878778	0.61	cps
Rhodium	103-1	10603531	10504437	10789824	10632597	1.36	cps
Rhodium	103-2	6500001	6426593	6513371	6479988	0.72	cps
Scandium	45-1	7416783	7609938	7488829	7505183	1.30	cps
Scandium	45-2	711471	700695	705687	705951	0.76	cps
Selenium	82-1	4728	4678	4652	4686	0.82	cps
Selenium	77-2	570	480	500	517	9.15	cps
Selenium	78-2	1880	1803	1723	1802	4.35	cps
Silicon	28-1	8175436	8246388	8374069	8265298	1.22	cps
Silver	107-1	103717	106201	106531	105483	1.46	cps
Silver	109-1	96972	100968	100096	99345	2.12	cps
Sodium	23-2	99176	99086	98667	98976	0.27	cps
Strontium	86-1	65946	66345	67959	66750	1.60	cps
Strontium	88-1	570150	579415	580399	576654	0.98	cps
Sulfur	34-1	224393	218006	216992	219797	1.83	cps
Terbium	159-1	12958064	12935644	12845440	12913049	0.46	cps
Terbium	159-2	8690540	8474886	8572264	8579230	1.26	cps
Thallium	203-1	71258	71855	70853	71322	0.71	cps
Thallium	205-1	169776	171247	173026	171350	0.95	cps
Tin	118-1	8106	8026	8212	8115	1.15	cps
Titanium	47-1	627442	644777	640101	637440	1.41	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:28:35	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5605	5334	5321	5420	2.95	cps
Vanadium	51-2	958727	951572	945870	952056	0.68	cps
Yttrium	89-1	19466805	19719111	19338997	19508304	0.99	cps
Yttrium	89-2	5125072	4942587	5005105	5024255	1.85	cps
Zinc	66-2	151728	148163	149772	149888	1.19	cps
Zirconium	90-1	78609	78961	79232	78934	0.40	cps
Zirconium	91-1	17153	17290	17217	17220	0.40	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:31:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4869933	4781361	4765170	4805488	1.17	cps
Antimony	121-1	862919	879227	882393	874846	1.19	cps
Arsenic	75-2	49746	49311	49753	49604	0.51	cps
Barium	135-1	4726455	4843656	4845351	4805154	1.42	cps
Barium	137-1	8125499	8460097	8362610	8316068	2.07	cps
Beryllium	9-1	71343	72414	72240	71999	0.80	cps
Bismuth	209-1	7332942	7405451	7379560	7372651	0.50	cps
Bismuth	209-2	5811792	5777723	5962721	5850746	1.68	cps
Bromine	81-1	12896	13193	12832	12974	1.48	cps
Bromine	81-2	343	300	263	302	13.25	cps
Cadmium	108-1	7745	7719	7759	7741	0.26	cps
Cadmium	106-1	13843	14664	14467	14325	2.99	cps
Cadmium	111-1	116849	118396	119232	118159	1.02	cps
Calcium	43-1	118034	119405	120017	119152	0.85	cps
Calcium	44-1	1851420	1876315	1842072	1856603	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1123480	1124355	1115456	1121097	0.44	cps
Cobalt	59-2	3688464	3685140	3639047	3670884	0.75	cps
Copper	63-2	1668635	1657875	1654348	1660286	0.45	cps
Dysprosium	156-1	15365	15839	16009	15738	2.12	cps
Dysprosium	156-2	13003	13016	12893	12971	0.52	cps
Erbium	164-1	14444	14177	14654	14425	1.66	cps
Erbium	164-2	10447	9980	9927	10118	2.83	cps
Gadolinium	160-1	14761	15235	15085	15027	1.61	cps
Gadolinium	160-2	11371	10984	10821	11059	2.56	cps
Holmium	165-1	12236845	12330349	12520883	12362692	1.17	cps
Holmium	165-2	8447902	8572803	8507092	8509266	0.73	cps
Indium	115-1	10820191	10710516	10876229	10802312	0.78	cps
Indium	115-2	3727416	3655482	3689868	3690922	0.97	cps
Iron	56-2	177490404	179575177	176099297	177721626	0.98	cps
Iron	57-2	4352203	4416345	4295651	4354733	1.39	cps
Iron	54-2	9885742	9810620	9870346	9855570	0.40	cps
Krypton	83-1	320	330	360	337	6.18	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:31:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	213049	214315	215205	214190	0.51	cps
Lead	207-1	184891	186679	187824	186465	0.79	cps
Lead	208-1	843201	850128	858840	850723	0.92	cps
Lithium	6-1	1618189	1589893	1642617	1616900	1.63	cps
Magnesium	24-2	4490201	4412838	4413749	4438929	1.00	cps
Manganese	55-2	4604021	4581455	4570807	4585428	0.37	cps
Molybdenum	94-1	27816	28361	28698	28292	1.57	cps
Molybdenum	95-1	2437	2430	2487	2451	1.26	cps
Molybdenum	96-1	9040	9066	9040	9048	0.17	cps
Molybdenum	97-1	1587	1650	1480	1572	5.46	cps
Molybdenum	98-1	3851	3677	3794	3774	2.34	cps
Neodymium	150-1	27520	27450	27674	27548	0.42	cps
Neodymium	150-2	16323	15789	15539	15884	2.52	cps
Nickel	60-2	969769	959065	957332	962056	0.70	cps
Phosphorus	31-2	11935	12325	12128	12129	1.61	cps
Potassium	39-2	1813106	1765583	1757370	1778686	1.69	cps
Rhodium	103-1	10563037	10400588	10498103	10487243	0.78	cps
Rhodium	103-2	6465683	6367098	6389134	6407305	0.81	cps
Scandium	45-1	7333554	7349894	7464879	7382776	0.97	cps
Scandium	45-2	702247	697372	693324	697647	0.64	cps
Selenium	82-1	18095	18848	18343	18429	2.08	cps
Selenium	77-2	1823	1763	1943	1843	4.97	cps
Selenium	78-2	6518	6318	6255	6364	2.16	cps
Silicon	28-1	7875012	7984001	7857361	7905458	0.87	cps
Silver	107-1	382254	388274	389470	386666	1.00	cps
Silver	109-1	439266	367638	365892	390932	10.71	cps
Sodium	23-2	93575	92469	93629	93224	0.70	cps
Strontium	86-1	63128	64641	64540	64103	1.32	cps
Strontium	88-1	543843	555266	558233	552447	1.38	cps
Sulfur	34-1	214413	212472	206694	211193	1.90	cps
Terbium	159-1	12723858	12674156	12887819	12761944	0.88	cps
Terbium	159-2	8574949	8406313	8330097	8437119	1.49	cps
Thallium	203-1	340572	342215	345132	342639	0.67	cps
Thallium	205-1	808954	811219	822634	814269	0.90	cps
Tin	118-1	7475	6892	7305	7224	4.15	cps
Titanium	47-1	600127	611787	613113	608342	1.17	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4293-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA05SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:31:44	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4911	5171	5191	5091	3.07	cps
Vanadium	51-2	2499529	2518430	2472774	2496911	0.92	cps
Yttrium	89-1	19435553	19295275	19612887	19447905	0.82	cps
Yttrium	89-2	4939261	4910228	4830625	4893371	1.15	cps
Zinc	66-2	450403	449772	445924	448700	0.54	cps
Zirconium	90-1	74458	74645	74973	74692	0.35	cps
Zirconium	91-1	16609	17047	16893	16850	1.32	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:34:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3475763	3444047	3469485	3463098	0.48	cps
Antimony	121-1	3060	3300	3194	3185	3.78	cps
Arsenic	75-2	20397	20491	20034	20307	1.19	cps
Barium	135-1	200121	205120	205949	203730	1.55	cps
Barium	137-1	349203	353395	355232	352610	0.88	cps
Beryllium	9-1	519	598	532	550	7.73	cps
Bismuth	209-1	7356001	7266634	7331672	7318103	0.63	cps
Bismuth	209-2	5760408	5843406	5736994	5780269	0.97	cps
Bromine	81-1	13019	13346	13319	13228	1.37	cps
Bromine	81-2	283	330	323	312	8.08	cps
Cadmium	108-1	113	120	163	132	20.53	cps
Cadmium	106-1	3791	3714	3524	3676	3.74	cps
Cadmium	111-1	3141	3142	3026	3103	2.16	cps
Calcium	43-1	119724	119879	121636	120413	0.88	cps
Calcium	44-1	1844828	1870574	1864401	1859935	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172923	171456	172939	172439	0.49	cps
Cobalt	59-2	128713	128823	129395	128977	0.28	cps
Copper	63-2	307845	306231	304292	306122	0.58	cps
Dysprosium	156-1	13183	13570	13376	13376	1.45	cps
Dysprosium	156-2	10401	10958	11158	10839	3.62	cps
Erbium	164-1	12456	12542	12202	12400	1.43	cps
Erbium	164-2	8289	8142	8433	8288	1.75	cps
Gadolinium	160-1	12886	13620	13376	13294	2.81	cps
Gadolinium	160-2	9680	9550	9250	9493	2.32	cps
Holmium	165-1	12389711	12243593	12365062	12332788	0.63	cps
Holmium	165-2	8436483	8587729	8581419	8535210	1.00	cps
Indium	115-1	10556797	10809904	10702311	10689671	1.19	cps
Indium	115-2	3698965	3688119	3746157	3711080	0.83	cps
Iron	56-2	127293341	126027378	126542301	126621007	0.50	cps
Iron	57-2	3104736	3054717	3090062	3083172	0.83	cps
Iron	54-2	6928320	6810982	6848314	6862539	0.87	cps
Krypton	83-1	337	420	373	377	11.09	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:34:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	90694	92156	93929	92259	1.76	cps
Lead	207-1	77996	79598	79320	78971	1.08	cps
Lead	208-1	358815	365168	363256	362413	0.90	cps
Lithium	6-1	1614846	1595936	1613336	1608039	0.65	cps
Magnesium	24-2	3592395	3507849	3541670	3547305	1.20	cps
Manganese	55-2	2315901	2310824	2311815	2312847	0.12	cps
Molybdenum	94-1	13490	14190	13777	13819	2.55	cps
Molybdenum	95-1	1710	1767	1753	1743	1.70	cps
Molybdenum	96-1	5238	5174	5051	5154	1.84	cps
Molybdenum	97-1	1143	1113	1190	1149	3.36	cps
Molybdenum	98-1	2730	2837	2847	2805	2.31	cps
Neodymium	150-1	22378	23286	23276	22980	2.27	cps
Neodymium	150-2	13480	13797	13089	13455	2.63	cps
Nickel	60-2	47619	47632	47492	47581	0.16	cps
Phosphorus	31-2	7665	7592	7449	7569	1.46	cps
Potassium	39-2	1269919	1266827	1265468	1267405	0.18	cps
Rhodium	103-1	10355427	10515052	10416659	10429046	0.77	cps
Rhodium	103-2	6412522	6534284	6595078	6513961	1.43	cps
Scandium	45-1	7327710	7379548	7378918	7362059	0.40	cps
Scandium	45-2	701642	697087	694342	697690	0.53	cps
Selenium	82-1	582	548	583	571	3.52	cps
Selenium	77-2	90	57	63	70	25.20	cps
Selenium	78-2	497	557	483	512	7.63	cps
Silicon	28-1	10127707	10374629	10307542	10269959	1.24	cps
Silver	107-1	1930	1400	1263	1531	23.00	cps
Silver	109-1	1720	1267	1170	1386	21.19	cps
Sodium	23-2	96100	96798	97456	96785	0.70	cps
Strontium	86-1	87565	90177	89879	89207	1.60	cps
Strontium	88-1	763472	779595	787835	776968	1.59	cps
Sulfur	34-1	214173	211705	208067	211315	1.45	cps
Terbium	159-1	12626181	12826419	12850040	12767546	0.96	cps
Terbium	159-2	8403083	8388005	8335580	8375556	0.42	cps
Thallium	203-1	967	973	883	941	5.33	cps
Thallium	205-1	2217	2180	2330	2242	3.49	cps
Tin	118-1	7215	7445	7319	7326	1.57	cps
Titanium	47-1	526879	537375	543505	535920	1.57	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:34:50	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4688	4628	4704	4673	0.86	cps
Vanadium	51-2	299033	300604	297927	299188	0.45	cps
Yttrium	89-1	19276234	19415291	19191252	19294259	0.59	cps
Yttrium	89-2	4855681	4935023	4988004	4926236	1.35	cps
Zinc	66-2	58320	59150	56791	58087	2.06	cps
Zirconium	90-1	35232	35820	35693	35582	0.87	cps
Zirconium	91-1	7705	8019	7825	7850	2.02	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:38:01	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3606509	3598570	3631539	3612206	0.48	cps
Antimony	121-1	2740	2820	2990	2850	4.48	cps
Arsenic	75-2	21052	20745	20908	20901	0.74	cps
Barium	135-1	209514	214424	213509	212482	1.23	cps
Barium	137-1	365934	373518	370432	369961	1.03	cps
Beryllium	9-1	535	538	573	549	3.88	cps
Bismuth	209-1	7226821	7310548	7366178	7301183	0.96	cps
Bismuth	209-2	5758847	5729772	5745631	5744750	0.25	cps
Bromine	81-1	13009	13366	13153	13176	1.36	cps
Bromine	81-2	283	320	347	317	10.04	cps
Cadmium	108-1	130	100	97	109	16.86	cps
Cadmium	106-1	3827	3841	3614	3761	3.38	cps
Cadmium	111-1	3281	3218	3065	3188	3.48	cps
Calcium	43-1	134867	139151	139134	137717	1.79	cps
Calcium	44-1	2111598	2119013	2152892	2127834	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177906	179198	178624	178576	0.36	cps
Cobalt	59-2	138213	136699	135502	136804	0.99	cps
Copper	63-2	320522	318705	317250	318826	0.51	cps
Dysprosium	156-1	13864	14121	14094	14026	1.01	cps
Dysprosium	156-2	11602	11435	11471	11503	0.76	cps
Erbium	164-1	12759	12516	12773	12683	1.14	cps
Erbium	164-2	8830	8693	8776	8766	0.79	cps
Gadolinium	160-1	13693	13560	14378	13877	3.16	cps
Gadolinium	160-2	10134	10174	10434	10247	1.59	cps
Holmium	165-1	12382486	12378368	12274132	12344995	0.50	cps
Holmium	165-2	8502879	8372527	8597070	8490825	1.33	cps
Indium	115-1	10565107	10677918	10684289	10642438	0.63	cps
Indium	115-2	3741647	3609281	3723042	3691323	1.94	cps
Iron	56-2	130812581	131595535	129529515	130645877	0.80	cps
Iron	57-2	3189441	3186712	3214942	3197032	0.49	cps
Iron	54-2	7239015	7196479	7224030	7219841	0.30	cps
Krypton	83-1	370	350	350	357	3.24	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:38:01	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	93123	95835	96583	95180	1.91	cps
Lead	207-1	80205	81023	81579	80936	0.85	cps
Lead	208-1	366416	375976	375579	372657	1.45	cps
Lithium	6-1	1625592	1641503	1626042	1631046	0.56	cps
Magnesium	24-2	3667545	3658215	3691528	3672429	0.47	cps
Manganese	55-2	2434857	2404538	2384665	2408020	1.05	cps
Molybdenum	94-1	14247	14410	14844	14501	2.13	cps
Molybdenum	95-1	1857	1857	1767	1827	2.84	cps
Molybdenum	96-1	5381	5608	5508	5499	2.07	cps
Molybdenum	97-1	1090	1087	1150	1109	3.21	cps
Molybdenum	98-1	2714	2710	2797	2740	1.79	cps
Neodymium	150-1	23586	24137	24318	24014	1.59	cps
Neodymium	150-2	14080	13884	14377	14114	1.76	cps
Nickel	60-2	50622	49010	49100	49577	1.83	cps
Phosphorus	31-2	8342	7969	7949	8087	2.74	cps
Potassium	39-2	1221772	1226947	1233661	1227460	0.49	cps
Rhodium	103-1	10441994	10468364	10780122	10563493	1.78	cps
Rhodium	103-2	6472824	6503668	6518318	6498270	0.36	cps
Scandium	45-1	7404269	7230271	7427981	7354173	1.47	cps
Scandium	45-2	699625	697329	698951	698635	0.17	cps
Selenium	82-1	510	606	577	564	8.67	cps
Selenium	77-2	73	47	47	56	27.71	cps
Selenium	78-2	490	477	533	500	5.93	cps
Silicon	28-1	10420998	10631857	10571943	10541599	1.03	cps
Silver	107-1	1003	957	1080	1013	6.15	cps
Silver	109-1	917	817	917	883	6.54	cps
Sodium	23-2	111557	110335	111822	111238	0.71	cps
Strontium	86-1	93008	94182	95132	94107	1.13	cps
Strontium	88-1	798550	820361	825193	814702	1.74	cps
Sulfur	34-1	212418	208796	207766	209660	1.17	cps
Terbium	159-1	12573361	12773204	12649407	12665324	0.80	cps
Terbium	159-2	8457837	8253092	8539310	8416746	1.75	cps
Thallium	203-1	940	1063	1003	1002	6.15	cps
Thallium	205-1	2187	2080	2277	2181	4.51	cps
Tin	118-1	9577	9660	10027	9754	2.46	cps
Titanium	47-1	546311	554830	551750	550964	0.78	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:38:01	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5021	4974	4828	4941	2.04	cps
Vanadium	51-2	309645	310845	310905	310465	0.23	cps
Yttrium	89-1	19137961	19189964	19463903	19263943	0.91	cps
Yttrium	89-2	4955906	4955906	5011936	4974582	0.65	cps
Zinc	66-2	74625	74511	74531	74556	0.08	cps
Zirconium	90-1	35730	36606	37478	36605	2.39	cps
Zirconium	91-1	7759	8059	8199	8006	2.81	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA42L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:41:14	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	680534	682571	683866	682324	0.25	cps
Antimony	121-1	690	680	717	696	2.73	cps
Arsenic	75-2	3901	4017	4057	3992	2.04	cps
Barium	135-1	38158	39107	40391	39218	2.86	cps
Barium	137-1	67047	68417	66002	67155	1.80	cps
Beryllium	9-1	119	152	119	130	14.61	cps
Bismuth	209-1	7089421	7188527	7149401	7142449	0.70	cps
Bismuth	209-2	5822074	5739866	5728940	5763627	0.88	cps
Bromine	81-1	12309	12612	12088	12336	2.13	cps
Bromine	81-2	257	197	220	224	13.48	cps
Cadmium	108-1	20	20	30	23	24.74	cps
Cadmium	106-1	3574	3324	3357	3418	3.97	cps
Cadmium	111-1	2608	2476	2469	2518	3.10	cps
Calcium	43-1	22791	23495	23922	23403	2.44	cps
Calcium	44-1	398354	404339	402420	401704	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35011	34456	34419	34629	0.96	cps
Cobalt	59-2	24720	24687	24306	24571	0.94	cps
Copper	63-2	61010	61101	60830	60980	0.23	cps
Dysprosium	156-1	2487	2710	2614	2604	4.30	cps
Dysprosium	156-2	1980	2077	2197	2085	5.21	cps
Erbium	164-1	2397	2337	2594	2442	5.50	cps
Erbium	164-2	1690	1610	1600	1633	3.02	cps
Gadolinium	160-1	2517	2647	2417	2527	4.56	cps
Gadolinium	160-2	2080	2027	2207	2105	4.39	cps
Holmium	165-1	12231907	12120541	12693136	12348528	2.46	cps
Holmium	165-2	8531665	8348221	8539690	8473192	1.28	cps
Indium	115-1	10631602	10716453	10954695	10767583	1.56	cps
Indium	115-2	3715019	3742176	3766126	3741107	0.68	cps
Iron	56-2	24508806	23768313	24206496	24161205	1.54	cps
Iron	57-2	625317	622854	625597	624589	0.24	cps
Iron	54-2	1399205	1401578	1402306	1401030	0.12	cps
Krypton	83-1	363	303	310	326	10.10	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA42L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:41:14	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18262	18633	19257	18717	2.69	cps
Lead	207-1	15846	16066	15536	15816	1.69	cps
Lead	208-1	71082	72355	72010	71816	0.92	cps
Lithium	6-1	1557966	1572044	1525984	1551998	1.52	cps
Magnesium	24-2	701506	702484	701722	701904	0.07	cps
Manganese	55-2	450704	446846	453509	450353	0.74	cps
Molybdenum	94-1	3190	3180	3210	3194	0.48	cps
Molybdenum	95-1	710	693	687	697	1.72	cps
Molybdenum	96-1	1530	1463	1590	1528	4.15	cps
Molybdenum	97-1	450	457	443	450	1.48	cps
Molybdenum	98-1	1060	1093	1287	1147	10.67	cps
Neodymium	150-1	4171	4394	4244	4270	2.67	cps
Neodymium	150-2	2527	2624	2550	2567	1.97	cps
Nickel	60-2	9473	9260	9623	9452	1.93	cps
Phosphorus	31-2	1747	1630	1573	1650	5.36	cps
Potassium	39-2	322541	321230	317777	320516	0.77	cps
Rhodium	103-1	10866969	10802491	10578003	10749155	1.41	cps
Rhodium	103-2	6516265	6470350	6453683	6480099	0.50	cps
Scandium	45-1	7068633	7126679	7478165	7224493	3.07	cps
Scandium	45-2	686369	681026	678156	681850	0.61	cps
Selenium	82-1	523	576	564	554	4.98	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	480	530	447	486	8.64	cps
Silicon	28-1	2289838	2313809	2322368	2308671	0.73	cps
Silver	107-1	307	317	287	303	5.04	cps
Silver	109-1	287	200	240	242	17.91	cps
Sodium	23-2	64317	65368	64099	64595	1.05	cps
Strontium	86-1	18021	17981	17798	17933	0.66	cps
Strontium	88-1	150578	152074	150845	151166	0.53	cps
Sulfur	34-1	205157	207684	203874	205572	0.94	cps
Terbium	159-1	12839506	13038936	12604531	12827658	1.70	cps
Terbium	159-2	8545638	8351653	8342246	8413179	1.36	cps
Thallium	203-1	503	510	590	534	9.02	cps
Thallium	205-1	1223	1217	993	1145	11.44	cps
Tin	118-1	3364	3394	3084	3280	5.21	cps
Titanium	47-1	103104	104863	105219	104396	1.08	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA42L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:41:14	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1040	970	993	1001	3.56	cps
Vanadium	51-2	57285	56703	57272	57086	0.58	cps
Yttrium	89-1	18594876	18798586	18371115	18588192	1.15	cps
Yttrium	89-2	4833771	4978810	4928192	4913591	1.50	cps
Zinc	66-2	13459	13009	12989	13153	2.02	cps
Zirconium	90-1	7749	7799	8086	7878	2.31	cps
Zirconium	91-1	1857	1783	1810	1817	2.04	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:44:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3663964	3652497	3590127	3635529	1.09	cps
Antimony	121-1	192108	194558	195717	194128	0.95	cps
Arsenic	75-2	25272	25081	25091	25148	0.43	cps
Barium	135-1	1181839	1200598	1213612	1198683	1.33	cps
Barium	137-1	2132544	2167222	2147754	2149173	0.81	cps
Beryllium	9-1	17264	17861	17370	17499	1.82	cps
Bismuth	209-1	7359435	7356605	7408364	7374801	0.39	cps
Bismuth	209-2	5753457	5824634	5975042	5851044	1.93	cps
Bromine	81-1	13036	12946	13596	13193	2.67	cps
Bromine	81-2	283	263	313	287	8.78	cps
Cadmium	108-1	1720	1757	1760	1746	1.27	cps
Cadmium	106-1	5988	6198	6218	6135	2.08	cps
Cadmium	111-1	28437	28652	28767	28618	0.59	cps
Calcium	43-1	118760	123245	123434	121813	2.17	cps
Calcium	44-1	1849867	1866738	1912922	1876509	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	398701	394094	392941	395246	0.77	cps
Cobalt	59-2	972624	964350	963793	966922	0.51	cps
Copper	63-2	592902	591151	578636	587563	1.32	cps
Dysprosium	156-1	13547	13563	13817	13642	1.11	cps
Dysprosium	156-2	11368	10944	11104	11139	1.92	cps
Erbium	164-1	12612	12672	12175	12487	2.17	cps
Erbium	164-2	8246	8793	8469	8503	3.23	cps
Gadolinium	160-1	13216	13663	13877	13586	2.48	cps
Gadolinium	160-2	9770	9557	9797	9708	1.36	cps
Holmium	165-1	12326784	12553233	12514287	12464768	0.97	cps
Holmium	165-2	8591751	8581076	8884845	8685891	1.98	cps
Indium	115-1	10741421	10737248	10682402	10720357	0.31	cps
Indium	115-2	3749050	3757843	3801797	3769563	0.75	cps
Iron	56-2	127837085	128974985	127432921	128081664	0.62	cps
Iron	57-2	3168418	3214206	3150600	3177741	1.03	cps
Iron	54-2	7131170	7114998	6943807	7063325	1.47	cps
Krypton	83-1	307	413	410	377	16.10	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:44:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	116599	118434	118807	117947	1.00	cps
Lead	207-1	99280	101707	101512	100833	1.34	cps
Lead	208-1	458702	465689	465987	463460	0.89	cps
Lithium	6-1	1600661	1641974	1617128	1619921	1.28	cps
Magnesium	24-2	3645670	3593449	3615701	3618273	0.72	cps
Manganese	55-2	2722915	2689887	2672909	2695237	0.94	cps
Molybdenum	94-1	13386	13620	13643	13550	1.05	cps
Molybdenum	95-1	1727	1960	2010	1899	7.96	cps
Molybdenum	96-1	4904	5218	5398	5173	4.83	cps
Molybdenum	97-1	1057	1150	1123	1110	4.33	cps
Molybdenum	98-1	2677	2674	3030	2794	7.34	cps
Neodymium	150-1	22805	23353	23430	23196	1.47	cps
Neodymium	150-2	13310	13894	13303	13502	2.51	cps
Nickel	60-2	264511	259709	259666	261295	1.07	cps
Phosphorus	31-2	7942	7899	7742	7861	1.34	cps
Potassium	39-2	1185855	1174237	1273790	1211294	4.49	cps
Rhodium	103-1	10623989	10785052	10586477	10665173	0.99	cps
Rhodium	103-2	6506633	6434471	6535442	6492182	0.80	cps
Scandium	45-1	7342201	7385770	7400121	7376031	0.41	cps
Scandium	45-2	707248	699552	697794	701531	0.72	cps
Selenium	82-1	3041	3118	3078	3079	1.26	cps
Selenium	77-2	323	263	293	293	10.23	cps
Selenium	78-2	1440	1410	1307	1386	5.05	cps
Silicon	28-1	9766183	9923700	9868000	9852628	0.81	cps
Silver	107-1	114917	117877	119809	117534	2.10	cps
Silver	109-1	108499	111256	113474	111076	2.24	cps
Sodium	23-2	94816	94950	95473	95080	0.37	cps
Strontium	86-1	89886	90539	90040	90155	0.38	cps
Strontium	88-1	777047	795958	791737	788247	1.26	cps
Sulfur	34-1	209144	201970	202023	204379	2.02	cps
Terbium	159-1	12815396	12772322	12888269	12825329	0.46	cps
Terbium	159-2	8569541	8353042	8474830	8465804	1.28	cps
Thallium	203-1	74007	75451	77077	75511	2.03	cps
Thallium	205-1	178032	181393	185257	181561	1.99	cps
Tin	118-1	7209	7645	7605	7486	3.23	cps
Titanium	47-1	523243	534809	532447	530166	1.15	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:44:29	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4601	4928	4851	4793	3.57	cps
Vanadium	51-2	789603	790121	789593	789772	0.04	cps
Yttrium	89-1	19563280	19506223	19733766	19601090	0.60	cps
Yttrium	89-2	5003051	4945098	4975941	4974696	0.58	cps
Zinc	66-2	147471	150544	150311	149442	1.15	cps
Zirconium	90-1	32546	34788	35012	34115	4.00	cps
Zirconium	91-1	7155	7509	7695	7453	3.68	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3960073	3854752	3861534	3892120	1.51	cps
Antimony	121-1	866832	887289	881701	878607	1.20	cps
Arsenic	75-2	42437	41267	41468	41724	1.50	cps
Barium	135-1	4869156	4961392	4940977	4923842	0.98	cps
Barium	137-1	8327473	8413629	8389326	8376809	0.53	cps
Beryllium	9-1	74576	76423	77087	76029	1.71	cps
Bismuth	209-1	7463870	7359914	7420831	7414871	0.70	cps
Bismuth	209-2	5799555	5808733	5812188	5806825	0.11	cps
Bromine	81-1	12836	13166	13326	13109	1.91	cps
Bromine	81-2	300	320	343	321	6.75	cps
Cadmium	108-1	7982	7949	7916	7949	0.42	cps
Cadmium	106-1	14217	14454	14551	14407	1.19	cps
Cadmium	111-1	117099	119610	119496	118735	1.19	cps
Calcium	43-1	115448	117679	117588	116905	1.08	cps
Calcium	44-1	1857418	1829713	1855756	1847629	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1167583	1170598	1161335	1166505	0.41	cps
Cobalt	59-2	3848532	3897192	3856826	3867516	0.67	cps
Copper	63-2	1548068	1541674	1547638	1545793	0.23	cps
Dysprosium	156-1	13480	13053	13467	13333	1.82	cps
Dysprosium	156-2	11071	10998	11011	11027	0.35	cps
Erbium	164-1	12165	12212	12646	12341	2.15	cps
Erbium	164-2	8202	8383	8122	8236	1.62	cps
Gadolinium	160-1	12859	13036	13153	13016	1.14	cps
Gadolinium	160-2	10100	9650	9430	9727	3.51	cps
Holmium	165-1	12405076	12388338	12481518	12424977	0.40	cps
Holmium	165-2	8477507	8570229	8635158	8560964	0.93	cps
Indium	115-1	10636586	10752373	10841915	10743625	0.96	cps
Indium	115-2	3751555	3765717	3654695	3723989	1.62	cps
Iron	56-2	128463261	127272428	127352658	127696116	0.52	cps
Iron	57-2	3151060	3118997	3123812	3131290	0.55	cps
Iron	54-2	7079126	6978918	6891109	6983051	1.35	cps
Krypton	83-1	393	403	353	383	6.90	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	202538	205416	205498	204484	0.82	cps
Lead	207-1	173923	178642	176204	176256	1.34	cps
Lead	208-1	799200	812878	814771	808950	1.05	cps
Lithium	6-1	1632824	1657616	1651210	1647217	0.78	cps
Magnesium	24-2	3486443	3506223	3489488	3494051	0.30	cps
Manganese	55-2	4008141	3987448	3944375	3979988	0.82	cps
Molybdenum	94-1	13086	13503	13296	13295	1.57	cps
Molybdenum	95-1	1863	1913	1840	1872	2.00	cps
Molybdenum	96-1	5088	5021	5254	5121	2.35	cps
Molybdenum	97-1	1060	1117	1170	1116	4.93	cps
Molybdenum	98-1	2724	2870	2844	2813	2.78	cps
Neodymium	150-1	22672	22675	23142	22830	1.19	cps
Neodymium	150-2	12866	13246	13193	13102	1.57	cps
Nickel	60-2	1013708	999403	996198	1003103	0.93	cps
Phosphorus	31-2	7685	7365	7555	7535	2.14	cps
Potassium	39-2	1239112	1229690	1227034	1231945	0.52	cps
Rhodium	103-1	10571213	10576669	10616567	10588150	0.23	cps
Rhodium	103-2	6518283	6522091	6428909	6489761	0.81	cps
Scandium	45-1	7354365	7310950	7441140	7368818	0.90	cps
Scandium	45-2	702897	695757	695237	697963	0.61	cps
Selenium	82-1	19064	19079	19344	19162	0.82	cps
Selenium	77-2	1900	1787	1960	1882	4.68	cps
Selenium	78-2	6932	6588	6475	6665	3.57	cps
Silicon	28-1	9635210	9825844	9761477	9740843	1.00	cps
Silver	107-1	474513	485622	486637	482257	1.39	cps
Silver	109-1	446929	465858	457602	456796	2.08	cps
Sodium	23-2	96265	96268	95950	96161	0.19	cps
Strontium	86-1	86696	89684	87873	88085	1.71	cps
Strontium	88-1	757660	765174	763955	762263	0.53	cps
Sulfur	34-1	203486	203760	199771	202339	1.10	cps
Terbium	159-1	12611591	12973480	12686248	12757106	1.50	cps
Terbium	159-2	8662074	8475562	8572376	8570004	1.09	cps
Thallium	203-1	344226	353596	354027	350616	1.58	cps
Thallium	205-1	817061	839425	828410	828299	1.35	cps
Tin	118-1	9120	9140	8536	8932	3.84	cps
Titanium	47-1	508670	519691	517171	515177	1.12	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4294-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA42SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:47:39	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4668	4814	4934	4805	2.78	cps
Vanadium	51-2	2444715	2416613	2409756	2423695	0.76	cps
Yttrium	89-1	19126598	19272876	19573452	19324309	1.18	cps
Yttrium	89-2	5016549	4965084	4958009	4979881	0.64	cps
Zinc	66-2	466632	465598	465433	465888	0.14	cps
Zirconium	90-1	32656	34457	33648	33587	2.69	cps
Zirconium	91-1	7699	7592	7329	7540	2.53	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7178987	7036339	7102413	7105913	1.00	cps
Antimony	121-1	2927	3027	3027	2994	1.93	cps
Arsenic	75-2	9867	9910	10480	10086	3.40	cps
Barium	135-1	1841139	1864786	1876591	1860839	0.97	cps
Barium	137-1	3223951	3285030	3229000	3245994	1.04	cps
Beryllium	9-1	1979	1954	1986	1973	0.86	cps
Bismuth	209-1	7413442	7352255	7587202	7450966	1.64	cps
Bismuth	209-2	5715828	5876747	5860638	5817738	1.52	cps
Bromine	81-1	13910	13837	13630	13792	1.05	cps
Bromine	81-2	443	433	490	456	6.64	cps
Cadmium	108-1	397	443	450	430	6.76	cps
Cadmium	106-1	4841	4824	4634	4766	2.41	cps
Cadmium	111-1	4508	4500	4352	4453	1.97	cps
Calcium	43-1	682758	690147	683750	685551	0.58	cps
Calcium	44-1	10284262	10438510	10589286	10437352	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	392336	393604	391079	392339	0.32	cps
Cobalt	59-2	162334	163665	161330	162443	0.72	cps
Copper	63-2	417906	412985	420787	417226	0.95	cps
Dysprosium	156-1	57865	59893	59248	59002	1.76	cps
Dysprosium	156-2	52444	53458	53200	53034	0.99	cps
Erbium	164-1	31258	31649	31649	31519	0.72	cps
Erbium	164-2	21643	21109	20478	21077	2.77	cps
Gadolinium	160-1	45246	47547	47002	46598	2.58	cps
Gadolinium	160-2	34055	33286	33691	33677	1.14	cps
Holmium	165-1	12444536	12826044	12447376	12572652	1.75	cps
Holmium	165-2	8354741	8527109	8427085	8436312	1.03	cps
Indium	115-1	10950485	10755602	10923973	10876687	0.97	cps
Indium	115-2	3687645	3738659	3704187	3710164	0.70	cps
Iron	56-2	126537108	124103845	127462475	126034476	1.38	cps
Iron	57-2	3168848	3087624	3143807	3133426	1.33	cps
Iron	54-2	6928000	6871575	7038005	6945860	1.22	cps
Krypton	83-1	353	393	363	370	5.63	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	162914	166100	167010	165341	1.30	cps
Lead	207-1	142599	142762	142526	142629	0.09	cps
Lead	208-1	649475	657739	659722	655645	0.83	cps
Lithium	6-1	1705562	1687294	1642574	1678477	1.93	cps
Magnesium	24-2	4331572	4224983	4341449	4299335	1.50	cps
Manganese	55-2	2559431	2502956	2542314	2534900	1.14	cps
Molybdenum	94-1	186342	190847	192926	190038	1.77	cps
Molybdenum	95-1	1757	1707	1713	1726	1.57	cps
Molybdenum	96-1	34060	34300	34912	34424	1.28	cps
Molybdenum	97-1	1097	1150	933	1060	10.65	cps
Molybdenum	98-1	2514	2794	2547	2618	5.84	cps
Neodymium	150-1	147686	150045	151559	149763	1.30	cps
Neodymium	150-2	88147	84995	87653	86932	1.95	cps
Nickel	60-2	199404	198246	199718	199123	0.39	cps
Phosphorus	31-2	31693	32307	31917	31972	0.97	cps
Potassium	39-2	983136	986690	984224	984683	0.18	cps
Rhodium	103-1	10352690	10510315	10542720	10468575	0.97	cps
Rhodium	103-2	6416768	6545145	6395521	6452478	1.25	cps
Scandium	45-1	7460493	7484051	7492024	7478856	0.22	cps
Scandium	45-2	713572	704144	710707	709474	0.68	cps
Selenium	82-1	652	577	682	637	8.50	cps
Selenium	77-2	297	273	293	288	4.38	cps
Selenium	78-2	780	657	713	717	8.61	cps
Silicon	28-1	9253061	9452948	9734146	9480052	2.55	cps
Silver	107-1	4407	3687	3427	3841	13.22	cps
Silver	109-1	3761	3244	3320	3442	8.10	cps
Sodium	23-2	226495	224638	224443	225192	0.50	cps
Strontium	86-1	556944	572072	576145	568387	1.78	cps
Strontium	88-1	4887564	5000242	5017067	4968291	1.42	cps
Sulfur	34-1	227482	233761	239177	233473	2.51	cps
Terbium	159-1	12879801	12850303	12954759	12894954	0.42	cps
Terbium	159-2	8734910	8549656	8681790	8655452	1.10	cps
Thallium	203-1	1353	1177	1337	1289	7.57	cps
Thallium	205-1	3064	2947	2980	2997	2.01	cps
Tin	118-1	19627	19847	20421	19965	2.05	cps
Titanium	47-1	1601502	1610087	1652249	1621279	1.68	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:50:42	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19898	20032	20619	20183	1.90	cps
Vanadium	51-2	282755	282999	282941	282898	0.05	cps
Yttrium	89-1	19546766	20001331	19732902	19760333	1.16	cps
Yttrium	89-2	5036747	5062635	5044556	5047979	0.26	cps
Zinc	66-2	60361	61221	61653	61079	1.08	cps
Zirconium	90-1	516541	526257	529875	524225	1.32	cps
Zirconium	91-1	115416	117348	116837	116534	0.86	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:53:50	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7119626	7144643	7121669	7128646	0.19	cps
Antimony	121-1	2320	2500	2447	2422	3.82	cps
Arsenic	75-2	10374	10003	10264	10214	1.86	cps
Barium	135-1	1810664	1866983	1849432	1842360	1.56	cps
Barium	137-1	3161177	3139952	3256324	3185818	1.95	cps
Beryllium	9-1	2068	2001	1937	2002	3.28	cps
Bismuth	209-1	7373400	7421746	7255313	7350153	1.16	cps
Bismuth	209-2	5757931	5823843	5712061	5764612	0.97	cps
Bromine	81-1	13943	14434	14023	14134	1.86	cps
Bromine	81-2	517	573	440	510	13.12	cps
Cadmium	108-1	540	410	423	458	15.62	cps
Cadmium	106-1	4894	5041	4501	4812	5.80	cps
Cadmium	111-1	4331	4628	4168	4376	5.34	cps
Calcium	43-1	644707	653384	655050	651047	0.85	cps
Calcium	44-1	9873456	10023057	9912859	9936458	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	385479	386754	385966	386066	0.17	cps
Cobalt	59-2	163044	164163	164235	163814	0.41	cps
Copper	63-2	414186	415218	417388	415597	0.39	cps
Dysprosium	156-1	56332	59659	58859	58284	2.98	cps
Dysprosium	156-2	52046	52156	53093	52432	1.10	cps
Erbium	164-1	30764	31716	31873	31451	1.91	cps
Erbium	164-2	20879	20986	20502	20789	1.22	cps
Gadolinium	160-1	45684	46340	47012	46345	1.43	cps
Gadolinium	160-2	33106	33767	33430	33434	0.99	cps
Holmium	165-1	12689209	12577004	12412453	12559556	1.11	cps
Holmium	165-2	8606048	8474685	8428267	8503000	1.08	cps
Indium	115-1	10872693	10704951	10859195	10812280	0.86	cps
Indium	115-2	3694263	3665782	3635392	3665146	0.80	cps
Iron	56-2	129614398	128630131	126284018	128176183	1.33	cps
Iron	57-2	3145724	3171807	3156550	3158027	0.41	cps
Iron	54-2	6936108	6935454	6977686	6949750	0.35	cps
Krypton	83-1	393	450	387	410	8.49	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:53:50	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	160918	163215	162332	162155	0.71	cps
Lead	207-1	140447	142286	139733	140822	0.94	cps
Lead	208-1	637057	647367	642008	642144	0.80	cps
Lithium	6-1	1640121	1614975	1667516	1640870	1.60	cps
Magnesium	24-2	4465762	4459308	4454571	4459880	0.13	cps
Manganese	55-2	2594348	2587321	2553860	2578509	0.84	cps
Molybdenum	94-1	183079	186133	187427	185546	1.20	cps
Molybdenum	95-1	1713	1743	1633	1697	3.35	cps
Molybdenum	96-1	33395	33642	33726	33587	0.51	cps
Molybdenum	97-1	1053	1030	1077	1053	2.22	cps
Molybdenum	98-1	2600	2370	2400	2457	5.09	cps
Neodymium	150-1	147620	149766	148790	148725	0.72	cps
Neodymium	150-2	86785	86909	85953	86549	0.60	cps
Nickel	60-2	201860	204515	202576	202984	0.68	cps
Phosphorus	31-2	32461	32451	32251	32388	0.37	cps
Potassium	39-2	969199	973677	973424	972100	0.26	cps
Rhodium	103-1	10454890	10773911	10470698	10566499	1.70	cps
Rhodium	103-2	6434383	6319305	6310270	6354653	1.09	cps
Scandium	45-1	7360503	7463268	7551290	7458353	1.28	cps
Scandium	45-2	711116	710775	710853	710915	0.03	cps
Selenium	82-1	615	612	560	596	5.17	cps
Selenium	77-2	293	293	300	296	1.30	cps
Selenium	78-2	790	657	760	736	9.51	cps
Silicon	28-1	9149965	9205599	9237209	9197591	0.48	cps
Silver	107-1	3117	3184	3317	3206	3.18	cps
Silver	109-1	2810	2747	2924	2827	3.17	cps
Sodium	23-2	227181	225479	227601	226754	0.50	cps
Strontium	86-1	562390	569176	570591	567385	0.77	cps
Strontium	88-1	4902712	5055482	5032114	4996769	1.65	cps
Sulfur	34-1	239914	243655	242284	241951	0.78	cps
Terbium	159-1	12918031	12919514	12930781	12922776	0.05	cps
Terbium	159-2	8372533	8434516	8330622	8379224	0.62	cps
Thallium	203-1	1167	1227	1167	1187	2.92	cps
Thallium	205-1	2744	2990	2847	2860	4.33	cps
Tin	118-1	19026	18729	19066	18940	0.97	cps
Titanium	47-1	1594245	1614642	1638735	1615874	1.38	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 13:53:50	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19768	20115	20359	20081	1.48	cps
Vanadium	51-2	281713	281391	280995	281366	0.13	cps
Yttrium	89-1	19670140	19809751	20224343	19901411	1.45	cps
Yttrium	89-2	5051973	5031254	5042127	5041785	0.21	cps
Zinc	66-2	59883	59923	58665	59490	1.20	cps
Zirconium	90-1	503843	514992	516055	511630	1.32	cps
Zirconium	91-1	112255	113915	115567	113912	1.45	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:56:55	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1364653	1348697	1371757	1361702	0.87	cps
Antimony	121-1	607	670	597	624	6.37	cps
Arsenic	75-2	1793	1837	1897	1842	2.82	cps
Barium	135-1	336896	338727	342772	339465	0.89	cps
Barium	137-1	579132	588225	590860	586072	1.05	cps
Beryllium	9-1	399	401	427	409	3.78	cps
Bismuth	209-1	7241743	7308487	7398187	7316139	1.07	cps
Bismuth	209-2	5757598	5745735	5746089	5749807	0.12	cps
Bromine	81-1	13390	12986	13266	13214	1.57	cps
Bromine	81-2	207	257	233	232	10.77	cps
Cadmium	108-1	103	107	83	98	12.91	cps
Cadmium	106-1	3924	3774	3837	3845	1.96	cps
Cadmium	111-1	2938	2867	2961	2922	1.68	cps
Calcium	43-1	133495	133588	134355	133813	0.35	cps
Calcium	44-1	2050663	2098157	2050676	2066499	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76861	75792	75407	76020	0.99	cps
Cobalt	59-2	31520	31410	31166	31365	0.58	cps
Copper	63-2	82626	82395	82600	82540	0.15	cps
Dysprosium	156-1	10871	10914	10954	10913	0.38	cps
Dysprosium	156-2	10210	9964	10047	10074	1.25	cps
Erbium	164-1	5688	6031	6048	5922	3.43	cps
Erbium	164-2	3971	4161	3941	4024	2.97	cps
Gadolinium	160-1	8803	9063	8783	8883	1.76	cps
Gadolinium	160-2	6595	6795	6682	6691	1.50	cps
Holmium	165-1	12075400	12121533	12387995	12194976	1.38	cps
Holmium	165-2	8321952	8569409	8453850	8448404	1.47	cps
Indium	115-1	10815238	10708317	10527917	10683824	1.36	cps
Indium	115-2	3688680	3772096	3686897	3715891	1.31	cps
Iron	56-2	24464722	24034695	23997618	24165679	1.07	cps
Iron	57-2	632367	630735	630095	631066	0.19	cps
Iron	54-2	1411650	1407739	1319915	1379768	3.76	cps
Krypton	83-1	387	400	327	371	10.53	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:56:55	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	31781	31847	31901	31843	0.19	cps
Lead	207-1	27474	27869	27488	27610	0.81	cps
Lead	208-1	124826	127092	125689	125869	0.91	cps
Lithium	6-1	1609061	1625924	1662663	1632549	1.68	cps
Magnesium	24-2	859239	852965	845040	852415	0.83	cps
Manganese	55-2	495773	495378	492993	494715	0.30	cps
Molybdenum	94-1	36906	37425	37448	37260	0.82	cps
Molybdenum	95-1	667	780	1294	914	36.61	cps
Molybdenum	96-1	6942	6832	7012	6928	1.31	cps
Molybdenum	97-1	433	483	387	434	11.13	cps
Molybdenum	98-1	1003	1043	947	998	4.87	cps
Neodymium	150-1	28155	28202	28572	28310	0.81	cps
Neodymium	150-2	16153	16396	16506	16352	1.11	cps
Nickel	60-2	38773	38476	38910	38720	0.57	cps
Phosphorus	31-2	5991	6098	6101	6063	1.03	cps
Potassium	39-2	265850	266118	266613	266194	0.15	cps
Rhodium	103-1	10309986	10608830	10464540	10461118	1.43	cps
Rhodium	103-2	6285233	6448401	6443384	6392339	1.45	cps
Scandium	45-1	7288892	7337548	7267801	7298080	0.49	cps
Scandium	45-2	682962	683900	680202	682355	0.28	cps
Selenium	82-1	470	549	641	554	15.47	cps
Selenium	77-2	50	80	37	56	39.95	cps
Selenium	78-2	493	527	600	540	10.11	cps
Silicon	28-1	2291837	2155624	2183235	2210232	3.26	cps
Silver	107-1	737	757	767	753	2.03	cps
Silver	109-1	613	650	590	618	4.90	cps
Sodium	23-2	90725	90232	89856	90271	0.48	cps
Strontium	86-1	108187	109356	108953	108832	0.55	cps
Strontium	88-1	938508	957180	954041	949910	1.05	cps
Sulfur	34-1	221120	221647	223070	221946	0.45	cps
Terbium	159-1	12512223	12601695	12627645	12580521	0.48	cps
Terbium	159-2	8548492	8435792	8364252	8449512	1.10	cps
Thallium	203-1	597	517	480	531	11.23	cps
Thallium	205-1	1297	1280	1140	1239	6.95	cps
Tin	118-1	5601	5564	5798	5654	2.22	cps
Titanium	47-1	312346	314955	317070	314790	0.75	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 13:56:55	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3957	3861	4097	3972	3.00	cps
Vanadium	51-2	54000	53668	54371	54013	0.65	cps
Yttrium	89-1	19101656	19098119	19167076	19122284	0.20	cps
Yttrium	89-2	4872293	4888318	4848639	4869750	0.41	cps
Zinc	66-2	15171	16142	15822	15712	3.15	cps
Zirconium	90-1	98776	101286	100575	100212	1.29	cps
Zirconium	91-1	21613	22607	22521	22247	2.48	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:00:11	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7172138	7206237	7076389	7151588	0.94	cps
Antimony	121-1	198021	203607	201665	201098	1.41	cps
Arsenic	75-2	14978	14694	15004	14892	1.15	cps
Barium	135-1	2905825	2859191	2979101	2914706	2.07	cps
Barium	137-1	4918959	4991572	4942506	4951012	0.75	cps
Beryllium	9-1	18871	19114	19102	19029	0.72	cps
Bismuth	209-1	7012458	7495442	7383099	7296999	3.46	cps
Bismuth	209-2	5708170	5706817	5886425	5767137	1.79	cps
Bromine	81-1	13029	13430	13913	13457	3.29	cps
Bromine	81-2	527	463	470	487	7.15	cps
Cadmium	108-1	2180	2130	2214	2175	1.93	cps
Cadmium	106-1	6882	7095	7065	7014	1.65	cps
Cadmium	111-1	30350	30668	30772	30596	0.72	cps
Calcium	43-1	673200	680992	682425	678872	0.73	cps
Calcium	44-1	10152221	10252883	10353274	10252793	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	615651	609190	609359	611400	0.60	cps
Cobalt	59-2	993962	1005717	994737	998138	0.66	cps
Copper	63-2	692877	694124	685449	690817	0.68	cps
Dysprosium	156-1	57879	58592	58240	58237	0.61	cps
Dysprosium	156-2	52698	53960	54703	53787	1.88	cps
Erbium	164-1	31051	31582	31803	31479	1.23	cps
Erbium	164-2	20959	20996	21467	21141	1.34	cps
Gadolinium	160-1	46055	46380	46898	46444	0.92	cps
Gadolinium	160-2	33677	33821	32999	33499	1.31	cps
Holmium	165-1	11765092	12641171	12660234	12355499	4.14	cps
Holmium	165-2	8417477	8532846	8675438	8541920	1.51	cps
Indium	115-1	10041839	10788059	10767558	10532486	4.04	cps
Indium	115-2	3699862	3681749	3730994	3704202	0.67	cps
Iron	56-2	126239311	128677591	125756565	126891156	1.23	cps
Iron	57-2	3127461	3118629	3131555	3125882	0.21	cps
Iron	54-2	7010424	7059014	6945997	7005145	0.81	cps
Krypton	83-1	340	390	407	379	9.16	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:00:11	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	187557	190652	189480	189230	0.83	cps
Lead	207-1	163717	164311	165236	164421	0.47	cps
Lead	208-1	749921	757274	751108	752767	0.52	cps
Lithium	6-1	1557687	1685987	1652913	1632196	4.08	cps
Magnesium	24-2	4354527	4356570	4359693	4356930	0.06	cps
Manganese	55-2	2884913	2940816	2881663	2902464	1.15	cps
Molybdenum	94-1	184483	188730	190141	187785	1.57	cps
Molybdenum	95-1	1723	1587	1717	1676	4.60	cps
Molybdenum	96-1	34260	33772	34360	34131	0.92	cps
Molybdenum	97-1	983	1007	1020	1003	1.85	cps
Molybdenum	98-1	2587	2450	2594	2544	3.18	cps
Neodymium	150-1	147671	150797	151212	149893	1.29	cps
Neodymium	150-2	83398	85685	83985	84356	1.41	cps
Nickel	60-2	415417	413557	413232	414068	0.28	cps
Phosphorus	31-2	31790	32184	31877	31950	0.65	cps
Potassium	39-2	982555	980176	976162	979631	0.33	cps
Rhodium	103-1	9880817	10506578	10432029	10273141	3.33	cps
Rhodium	103-2	6453384	6361571	6538144	6451033	1.37	cps
Scandium	45-1	6917352	7507426	7486895	7303891	4.59	cps
Scandium	45-2	699507	704197	697749	700484	0.48	cps
Selenium	82-1	5118	5227	5402	5249	2.73	cps
Selenium	77-2	720	733	647	700	6.67	cps
Selenium	78-2	2167	2177	2144	2162	0.79	cps
Silicon	28-1	9360797	9372676	9625984	9453152	1.58	cps
Silver	107-1	118200	118969	120942	119370	1.18	cps
Silver	109-1	112687	113987	113746	113473	0.61	cps
Sodium	23-2	221047	221510	220330	220962	0.27	cps
Strontium	86-1	568072	572843	575062	571992	0.62	cps
Strontium	88-1	4928210	5003680	5001818	4977903	0.86	cps
Sulfur	34-1	243598	242680	246235	244171	0.76	cps
Terbium	159-1	12083131	13063009	12545420	12563853	3.90	cps
Terbium	159-2	8552435	8343635	8354000	8416690	1.40	cps
Thallium	203-1	78350	80600	78699	79216	1.53	cps
Thallium	205-1	190484	193225	192307	192005	0.73	cps
Tin	118-1	18766	19059	19033	18953	0.86	cps
Titanium	47-1	1631275	1620704	1649807	1633929	0.90	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:00:11	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19938	20249	20392	20193	1.15	cps
Vanadium	51-2	770241	772848	765378	769489	0.49	cps
Yttrium	89-1	18646814	19974873	19695066	19438918	3.60	cps
Yttrium	89-2	4977930	4909706	5012392	4966676	1.05	cps
Zinc	66-2	150810	148402	151847	150353	1.18	cps
Zirconium	90-1	507675	520780	524801	517752	1.73	cps
Zirconium	91-1	113814	115295	115970	115026	0.96	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:03:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7129023	7240391	7186927	7185447	0.78	cps
Antimony	121-1	867854	875906	890125	877962	1.28	cps
Arsenic	75-2	31076	30952	30632	30887	0.74	cps
Barium	135-1	6140021	6229419	6182564	6184001	0.72	cps
Barium	137-1	10584775	10767422	10607623	10653273	0.93	cps
Beryllium	9-1	74036	74684	74895	74538	0.60	cps
Bismuth	209-1	7195291	7283367	7359289	7279316	1.13	cps
Bismuth	209-2	5711354	5690105	5771105	5724188	0.73	cps
Bromine	81-1	13213	13079	13450	13247	1.42	cps
Bromine	81-2	453	473	477	468	2.70	cps
Cadmium	108-1	8396	8326	8072	8265	2.06	cps
Cadmium	106-1	15005	14934	15695	15211	2.76	cps
Cadmium	111-1	117936	121342	121625	120301	1.71	cps
Calcium	43-1	618558	635158	632204	628640	1.41	cps
Calcium	44-1	9433676	9660908	9527098	9540561	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1295532	1296423	1299105	1297020	0.14	cps
Cobalt	59-2	3662184	3662069	3633008	3652420	0.46	cps
Copper	63-2	1572960	1577827	1546190	1565659	1.09	cps
Dysprosium	156-1	55328	55288	55472	55363	0.17	cps
Dysprosium	156-2	49584	51327	50206	50372	1.75	cps
Erbium	164-1	29104	29511	29772	29462	1.14	cps
Erbium	164-2	20205	20065	19858	20042	0.87	cps
Gadolinium	160-1	44280	44571	44240	44363	0.41	cps
Gadolinium	160-2	32077	32902	32588	32522	1.28	cps
Holmium	165-1	12329814	12190159	12418515	12312830	0.93	cps
Holmium	165-2	8493786	8375138	8466564	8445163	0.74	cps
Indium	115-1	10599876	10719697	10898539	10739371	1.40	cps
Indium	115-2	3640050	3627729	3666087	3644622	0.54	cps
Iron	56-2	123866731	123072028	122775575	123238112	0.46	cps
Iron	57-2	3075387	3023236	3062690	3053771	0.89	cps
Iron	54-2	6872457	6872807	6725546	6823603	1.24	cps
Krypton	83-1	420	383	380	394	5.63	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:03:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	264317	269337	271947	268534	1.44	cps
Lead	207-1	231357	231751	234748	232619	0.80	cps
Lead	208-1	1056324	1069518	1084021	1069954	1.29	cps
Lithium	6-1	1628303	1664366	1691751	1661474	1.92	cps
Magnesium	24-2	4142806	4150080	4175885	4156257	0.42	cps
Manganese	55-2	3996502	4008713	3978936	3994717	0.37	cps
Molybdenum	94-1	172189	178460	177977	176209	1.98	cps
Molybdenum	95-1	1437	1610	1523	1523	5.69	cps
Molybdenum	96-1	30652	32556	32055	31755	3.11	cps
Molybdenum	97-1	817	837	870	841	3.20	cps
Molybdenum	98-1	2280	2340	2237	2286	2.27	cps
Neodymium	150-1	139469	144101	143705	142425	1.80	cps
Neodymium	150-2	81608	82707	82121	82145	0.67	cps
Nickel	60-2	1087582	1074158	1075707	1079149	0.68	cps
Phosphorus	31-2	29906	30430	29876	30071	1.04	cps
Potassium	39-2	922306	920207	917097	919870	0.28	cps
Rhodium	103-1	10276720	10427064	10387833	10363872	0.75	cps
Rhodium	103-2	6399539	6448647	6399047	6415744	0.44	cps
Scandium	45-1	7228996	7425192	7419908	7358032	1.52	cps
Scandium	45-2	688917	690643	691023	690194	0.16	cps
Selenium	82-1	17031	17752	17490	17424	2.10	cps
Selenium	77-2	2024	2067	1997	2029	1.74	cps
Selenium	78-2	5955	5991	6161	6036	1.83	cps
Silicon	28-1	8718621	8858887	8930840	8836116	1.22	cps
Silver	107-1	487063	490904	493311	490426	0.64	cps
Silver	109-1	453658	463324	467294	461425	1.52	cps
Sodium	23-2	212496	213698	213874	213356	0.35	cps
Strontium	86-1	531700	543408	548168	541092	1.57	cps
Strontium	88-1	4674555	4712953	4806843	4731450	1.44	cps
Sulfur	34-1	236333	235141	233301	234925	0.65	cps
Terbium	159-1	12694247	12671526	12660918	12675564	0.13	cps
Terbium	159-2	8419475	8333157	8435736	8396123	0.66	cps
Thallium	203-1	348592	352259	353992	351614	0.78	cps
Thallium	205-1	823862	840024	846593	836826	1.40	cps
Tin	118-1	18068	18499	19029	18532	2.60	cps
Titanium	47-1	1507055	1547677	1535538	1530090	1.36	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 14:03:18	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18339	19257	19217	18938	2.74	cps
Vanadium	51-2	2283104	2216349	2243426	2247627	1.49	cps
Yttrium	89-1	19396592	19336324	19624478	19452464	0.78	cps
Yttrium	89-2	4874803	4879743	4917808	4890785	0.48	cps
Zinc	66-2	436345	438951	436808	437368	0.32	cps
Zirconium	90-1	475837	492476	492885	487066	2.00	cps
Zirconium	91-1	106133	110233	112142	109503	2.80	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06A	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:06:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27407435	27038252	27349844	27265177	0.73	cps
Antimony	121-1	7412	7745	7879	7679	3.13	cps
Arsenic	75-2	37611	37935	37407	37651	0.71	cps
Barium	135-1	6918643	7088853	7121041	7042846	1.54	cps
Barium	137-1	11917971	12244334	12280189	12147498	1.64	cps
Beryllium	9-1	6901	7340	7369	7204	3.64	cps
Bismuth	209-1	7285969	7118453	7371464	7258629	1.77	cps
Bismuth	209-2	5557886	5534348	5421089	5504441	1.33	cps
Bromine	81-1	16449	17801	17941	17397	4.74	cps
Bromine	81-2	1533	1603	1623	1587	2.98	cps
Cadmium	108-1	1563	1737	1600	1633	5.59	cps
Cadmium	106-1	7599	7889	7919	7802	2.27	cps
Cadmium	111-1	9059	9127	9644	9277	3.45	cps
Calcium	43-1	2421079	2480812	2495657	2465849	1.60	cps
Calcium	44-1	38863710	40096768	40477845	39812774	2.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1469053	1468234	1443382	1460223	1.00	cps
Cobalt	59-2	610086	611541	611876	611168	0.16	cps
Copper	63-2	1584926	1567208	1556070	1569401	0.93	cps
Dysprosium	156-1	216190	222323	221634	220049	1.53	cps
Dysprosium	156-2	194661	195628	197416	195902	0.71	cps
Erbium	164-1	116195	119899	120078	118724	1.85	cps
Erbium	164-2	79018	77781	79052	78617	0.92	cps
Gadolinium	160-1	173062	176771	179318	176384	1.78	cps
Gadolinium	160-2	126286	128005	125856	126716	0.90	cps
Holmium	165-1	12168408	12288981	12304900	12254096	0.61	cps
Holmium	165-2	8306416	8223797	8272999	8267738	0.50	cps
Indium	115-1	10324712	10482341	10393946	10400333	0.76	cps
Indium	115-2	3541254	3557355	3536888	3545166	0.30	cps
Iron	56-2	478268393	478118260	476855273	477747308	0.16	cps
Iron	57-2	11874251	11770700	11737839	11794263	0.60	cps
Iron	54-2	26505959	26478211	26462601	26482257	0.08	cps
Krypton	83-1	510	547	557	538	4.57	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06A	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:06:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2003061	2019910	2054275	2025749	1.29	cps
Lead	207-1	1599685	1638053	1662771	1633503	1.95	cps
Lead	208-1	7930069	7961912	8209623	8033868	1.90	cps
Lithium	6-1	1613550	1588254	1606254	1602686	0.81	cps
Magnesium	24-2	16633529	16663550	16342259	16546446	1.07	cps
Manganese	55-2	9509378	9554880	9592923	9552394	0.44	cps
Molybdenum	94-1	717119	735405	744920	732481	1.93	cps
Molybdenum	95-1	4281	4651	4644	4525	4.68	cps
Molybdenum	96-1	127957	128906	131199	129354	1.29	cps
Molybdenum	97-1	2760	2707	2710	2726	1.10	cps
Molybdenum	98-1	6565	6635	6435	6545	1.55	cps
Neodymium	150-1	556117	567700	572912	565576	1.52	cps
Neodymium	150-2	322556	320427	323737	322240	0.52	cps
Nickel	60-2	743428	747916	739448	743597	0.57	cps
Phosphorus	31-2	120440	119011	119200	119550	0.65	cps
Potassium	39-2	3232828	3206806	3214567	3218067	0.42	cps
Rhodium	103-1	10075900	10088463	10219734	10128032	0.79	cps
Rhodium	103-2	6073202	6190455	6226773	6163477	1.30	cps
Scandium	45-1	7823021	7816589	8001714	7880441	1.33	cps
Scandium	45-2	751329	750885	744955	749056	0.48	cps
Selenium	82-1	823	816	668	769	11.40	cps
Selenium	77-2	977	1113	970	1020	7.93	cps
Selenium	78-2	1210	1110	1233	1185	5.53	cps
Silicon	28-1	39404445	40940614	41154682	40499914	2.36	cps
Silver	107-1	13063	12072	12145	12427	4.44	cps
Silver	109-1	11021	10724	11048	10931	1.64	cps
Sodium	23-2	726189	740176	741656	736007	1.16	cps
Strontium	86-1	2127187	2201232	2231796	2186739	2.46	cps
Strontium	88-1	18719021	19057071	19290377	19022156	1.51	cps
Sulfur	34-1	262043	267333	268133	265836	1.24	cps
Terbium	159-1	12808843	12773204	12774481	12785509	0.16	cps
Terbium	159-2	8294552	8286440	8398483	8326491	0.75	cps
Thallium	203-1	3637	3967	3987	3864	5.09	cps
Thallium	205-1	8740	9106	9667	9171	5.09	cps
Tin	118-1	66781	69490	69075	68449	2.13	cps
Titanium	47-1	6114186	6264962	6322498	6233882	1.73	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-06A	Instrumnet Name :	P7
Client Sample ID :	MYD0Z7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:06:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73679	76542	76438	75553	2.15	cps
Vanadium	51-2	1088600	1087020	1077505	1084375	0.55	cps
Yttrium	89-1	20747996	21165490	21060163	20991216	1.03	cps
Yttrium	89-2	5208342	5209565	5282647	5233518	0.81	cps
Zinc	66-2	216368	218161	217052	217193	0.42	cps
Zirconium	90-1	1948952	2030442	2051483	2010292	2.69	cps
Zirconium	91-1	434763	452502	456672	447979	2.60	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:09:19	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16898875	16753803	16610787	16754488	0.86	cps
Antimony	121-1	5888978	6010569	6065236	5988261	1.51	cps
Arsenic	75-2	351535	354626	353086	353082	0.44	cps
Barium	135-1	7692935	7930967	8011466	7878456	2.10	cps
Barium	137-1	13484852	13908922	13644541	13679438	1.57	cps
Beryllium	9-1	1150052	1172304	1166042	1162799	0.99	cps
Bismuth	209-1	7109608	7004216	6992728	7035517	0.92	cps
Bismuth	209-2	5326935	5339256	5373180	5346457	0.45	cps
Bromine	81-1	11515	11364	11591	11490	1.00	cps
Bromine	81-2	140	110	133	128	12.33	cps
Cadmium	108-1	108801	111383	111282	110489	1.32	cps
Cadmium	106-1	157397	163192	161183	160590	1.83	cps
Cadmium	111-1	1469569	1493949	1496671	1486730	1.00	cps
Calcium	43-1	9507308	9617655	9612185	9579049	0.65	cps
Calcium	44-1	152239378	154952994	152733234	153308535	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2969169	2987771	3026822	2994587	0.98	cps
Cobalt	59-2	4819288	4844169	4816852	4826770	0.31	cps
Copper	63-2	33275729	33296529	33351625	33307961	0.12	cps
Dysprosium	156-1	290	287	283	287	1.16	cps
Dysprosium	156-2	457	440	373	423	10.42	cps
Erbium	164-1	360	350	353	354	1.44	cps
Erbium	164-2	223	217	257	232	9.23	cps
Gadolinium	160-1	267	247	247	253	4.56	cps
Gadolinium	160-2	407	443	433	428	4.43	cps
Holmium	165-1	12502163	12339766	12544807	12462245	0.87	cps
Holmium	165-2	8499906	8496837	8516300	8504347	0.12	cps
Indium	115-1	9960634	9876086	9797994	9878238	0.82	cps
Indium	115-2	3417068	3356820	3403395	3392428	0.93	cps
Iron	56-2	638681724	638322470	643782550	640262248	0.48	cps
Iron	57-2	15804539	15925969	15860109	15863539	0.38	cps
Iron	54-2	34840904	35179974	35181446	35067441	0.56	cps
Krypton	83-1	253	320	380	318	19.94	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:09:19	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21242107	21701707	21590848	21511554	1.11	cps
Lead	207-1	18867603	19143259	19167711	19059524	0.87	cps
Lead	208-1	86321402	86826687	86555435	86567842	0.29	cps
Lithium	6-1	1731157	1683576	1674362	1696365	1.80	cps
Magnesium	24-2	139714151	139166895	140335291	139738779	0.42	cps
Manganese	55-2	21319506	21553874	21541414	21471598	0.61	cps
Molybdenum	94-1	24500055	25447125	25155872	25034350	1.94	cps
Molybdenum	95-1	35552123	37275369	36905168	36577553	2.48	cps
Molybdenum	96-1	39075855	39953029	39554379	39527755	1.11	cps
Molybdenum	97-1	22457754	22591184	22453486	22500808	0.35	cps
Molybdenum	98-1	57599361	59112754	58040347	58250821	1.34	cps
Neodymium	150-1	377	380	430	396	7.55	cps
Neodymium	150-2	147	177	170	164	9.58	cps
Nickel	60-2	1195646	1191426	1189036	1192036	0.28	cps
Phosphorus	31-2	181489	182747	182838	182358	0.41	cps
Potassium	39-2	88126429	87882442	89190672	88399848	0.79	cps
Rhodium	103-1	9461457	9336940	9263602	9354000	1.07	cps
Rhodium	103-2	5750654	5703950	5752286	5735630	0.48	cps
Scandium	45-1	6874315	6810748	6721030	6802031	1.13	cps
Scandium	45-2	639561	642283	637496	639780	0.38	cps
Selenium	82-1	100550	101115	100710	100792	0.29	cps
Selenium	77-2	10007	10020	9873	9967	0.81	cps
Selenium	78-2	33378	32806	33378	33187	0.99	cps
Silicon	28-1	28322741	29132060	28410946	28621916	1.55	cps
Silver	107-1	7522854	7606595	7650760	7593403	0.86	cps
Silver	109-1	7129972	7157045	7128032	7138350	0.23	cps
Sodium	23-2	239989556	238459096	240511576	239653410	0.45	cps
Strontium	86-1	52991386	53486169	53577771	53351775	0.59	cps
Strontium	88-1	462314766	468774860	466751193	465946940	0.71	cps
Sulfur	34-1	845983	842522	835835	841447	0.61	cps
Terbium	159-1	12750897	12719915	12631644	12700819	0.49	cps
Terbium	159-2	8264152	8182603	8256209	8234321	0.55	cps
Thallium	203-1	5249520	5441716	5506788	5399341	2.48	cps
Thallium	205-1	12577987	12937973	13007648	12841203	1.80	cps
Tin	118-1	5073395	5193217	5118296	5128303	1.18	cps
Titanium	47-1	9971948	10220115	10215440	10135834	1.40	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV008	Instrumnet Name :	P7
Client Sample ID :	CCV008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:09:19	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16977478	17277742	17344723	17199981	1.14	cps
Vanadium	51-2	2686063	2700525	2710737	2699108	0.46	cps
Yttrium	89-1	18305091	18050894	18060317	18138768	0.79	cps
Yttrium	89-2	4551844	4500428	4500705	4517659	0.66	cps
Zinc	66-2	5151531	5105235	5100711	5119159	0.55	cps
Zirconium	90-1	11357761	11614704	11708977	11560481	1.57	cps
Zirconium	91-1	2514710	2563437	2620714	2566287	2.07	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:12:20	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1133	1247	1200	1193	4.77	cps
Antimony	121-1	3747	4001	4481	4076	9.14	cps
Arsenic	75-2	27	37	20	28	30.20	cps
Barium	135-1	407	293	310	337	18.18	cps
Barium	137-1	723	620	607	650	9.82	cps
Beryllium	9-1	105	77	67	83	23.35	cps
Bismuth	209-1	7498397	7358728	7500041	7452389	1.09	cps
Bismuth	209-2	5810169	5701364	5871398	5794310	1.49	cps
Bromine	81-1	10941	11201	11301	11148	1.67	cps
Bromine	81-2	157	113	183	151	23.38	cps
Cadmium	108-1	27	27	17	23	24.74	cps
Cadmium	106-1	3374	3480	3424	3426	1.56	cps
Cadmium	111-1	2476	2528	2482	2495	1.13	cps
Calcium	43-1	887	807	937	877	7.48	cps
Calcium	44-1	36254	35005	35924	35728	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1760	1677	1720	1719	2.43	cps
Cobalt	59-2	230	273	250	251	8.64	cps
Copper	63-2	4021	4034	4261	4105	3.29	cps
Dysprosium	156-1	3	7	7	6	34.70	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	73	80	100	84	16.44	cps
Erbium	164-2	67	77	57	67	15.00	cps
Gadolinium	160-1	43	53	47	48	10.66	cps
Gadolinium	160-2	310	250	327	296	13.64	cps
Holmium	165-1	12184764	12056585	12246471	12162607	0.80	cps
Holmium	165-2	8416295	8350719	8490183	8419066	0.83	cps
Indium	115-1	10310552	10481836	10510821	10434403	1.04	cps
Indium	115-2	3608653	3606337	3602306	3605765	0.09	cps
Iron	56-2	43696	43690	46896	44761	4.13	cps
Iron	57-2	2630	2627	3034	2764	8.46	cps
Iron	54-2	4217	3927	4317	4154	4.88	cps
Krypton	83-1	293	293	283	290	1.99	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:12:20	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2020	1797	1623	1813	10.97	cps
Lead	207-1	1737	1467	1500	1568	9.39	cps
Lead	208-1	8101	7071	6717	7296	9.85	cps
Lithium	6-1	1663113	1697569	1683512	1681398	1.03	cps
Magnesium	24-2	4791	5544	5761	5365	9.49	cps
Manganese	55-2	1110	1163	1327	1200	9.41	cps
Molybdenum	94-1	3310	2920	2917	3049	7.42	cps
Molybdenum	95-1	2327	2150	2164	2214	4.45	cps
Molybdenum	96-1	2970	2494	2630	2698	9.10	cps
Molybdenum	97-1	1380	1200	1243	1275	7.37	cps
Molybdenum	98-1	3694	3407	3530	3544	4.06	cps
Neodymium	150-1	23	13	10	16	44.60	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	300	313	327	313	4.25	cps
Phosphorus	31-2	230	177	200	202	13.22	cps
Potassium	39-2	97281	96933	97091	97102	0.18	cps
Rhodium	103-1	10027195	10185837	10321390	10178141	1.45	cps
Rhodium	103-2	6316007	6208807	6300918	6275244	0.92	cps
Scandium	45-1	6724309	6754482	6795094	6757962	0.53	cps
Scandium	45-2	636636	641197	637827	638553	0.37	cps
Selenium	82-1	544	508	576	543	6.27	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	467	427	443	446	4.51	cps
Silicon	28-1	354099	353171	358393	355221	0.78	cps
Silver	107-1	1350	1280	1203	1278	5.74	cps
Silver	109-1	1343	1283	1100	1242	10.21	cps
Sodium	23-2	73782	75145	74151	74359	0.95	cps
Strontium	86-1	2767	2224	2120	2370	14.66	cps
Strontium	88-1	19046	15115	14724	16295	14.67	cps
Sulfur	34-1	256278	256742	253825	255615	0.61	cps
Terbium	159-1	12284551	12317543	12440926	12347674	0.67	cps
Terbium	159-2	8285107	8360365	8389883	8345118	0.65	cps
Thallium	203-1	897	653	740	763	16.16	cps
Thallium	205-1	2007	1860	1493	1787	14.80	cps
Tin	118-1	3117	3310	3280	3236	3.22	cps
Titanium	47-1	817	747	757	773	4.90	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB008	Instrumnet Name :	P7
Client Sample ID :	CCB008	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:12:20	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	517	420	437	458	11.29	cps
Vanadium	51-2	93	130	127	117	17.38	cps
Yttrium	89-1	17694908	18192363	18348325	18078532	1.89	cps
Yttrium	89-2	4586339	4662796	4650048	4633061	0.88	cps
Zinc	66-2	1303	1363	1217	1295	5.70	cps
Zirconium	90-1	5855	5081	4741	5225	10.92	cps
Zirconium	91-1	1290	1107	963	1120	14.62	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-13	Instrumnet Name :	P7
Client Sample ID :	MYD102	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:15:38	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28388355	28288318	28357661	28344778	0.18	cps
Antimony	121-1	56996	56327	56885	56736	0.63	cps
Arsenic	75-2	200239	199221	198231	199230	0.50	cps
Barium	135-1	3331645	3137280	3128307	3199077	3.59	cps
Barium	137-1	5561955	5471875	5464726	5499518	0.99	cps
Beryllium	9-1	6732	7036	7010	6926	2.43	cps
Bismuth	209-1	7557316	7777777	7745040	7693378	1.55	cps
Bismuth	209-2	5806569	5766173	5716682	5763141	0.78	cps
Bromine	81-1	17818	17591	18438	17949	2.44	cps
Bromine	81-2	1517	1473	1553	1515	2.64	cps
Cadmium	108-1	573	760	767	700	15.68	cps
Cadmium	106-1	5695	5501	5561	5586	1.77	cps
Cadmium	111-1	6962	6696	6737	6798	2.11	cps
Calcium	43-1	1166564	1143044	1135888	1148499	1.40	cps
Calcium	44-1	17876716	17723239	17741163	17780373	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1340284	1343645	1336159	1340029	0.28	cps
Cobalt	59-2	845378	836705	837346	839810	0.58	cps
Copper	63-2	1725295	1732672	1707029	1721666	0.77	cps
Dysprosium	156-1	168622	166802	167425	167616	0.55	cps
Dysprosium	156-2	140593	139516	140562	140223	0.44	cps
Erbium	164-1	127465	131321	130850	129878	1.62	cps
Erbium	164-2	85969	86271	87643	86628	1.03	cps
Gadolinium	160-1	155764	150882	154252	153633	1.63	cps
Gadolinium	160-2	110515	109376	108469	109454	0.94	cps
Holmium	165-1	12764604	12871756	12718509	12784956	0.61	cps
Holmium	165-2	8818258	8795935	8614531	8742908	1.28	cps
Indium	115-1	11156853	11036073	11053522	11082149	0.59	cps
Indium	115-2	3698512	3697868	3713409	3703263	0.24	cps
Iron	56-2	1035399185	1021536491	1021655718	1026197131	0.78	cps
Iron	57-2	25133546	25007958	24809644	24983716	0.65	cps
Iron	54-2	56338321	56470154	55664994	56157823	0.77	cps
Krypton	83-1	547	557	543	549	1.26	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-13	Instrumnet Name :	P7
Client Sample ID :	MYD102	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:15:38	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	470850	474685	472442	472659	0.41	cps
Lead	207-1	409469	400973	406292	405578	1.06	cps
Lead	208-1	1869386	1877783	1893616	1880262	0.65	cps
Lithium	6-1	1625678	1722779	1789131	1712529	4.80	cps
Magnesium	24-2	23510964	23939444	23632585	23694331	0.93	cps
Manganese	55-2	17839719	17672428	17555839	17689329	0.81	cps
Molybdenum	94-1	230214	232045	232378	231546	0.50	cps
Molybdenum	95-1	17781	18682	18432	18298	2.54	cps
Molybdenum	96-1	64823	66601	66852	66092	1.67	cps
Molybdenum	97-1	10994	11301	10894	11063	1.92	cps
Molybdenum	98-1	27322	27920	28491	27911	2.09	cps
Neodymium	150-1	330263	342260	346300	339608	2.46	cps
Neodymium	150-2	190727	187328	187906	188653	0.96	cps
Nickel	60-2	543018	543550	536951	541173	0.68	cps
Phosphorus	31-2	99903	101010	99977	100297	0.62	cps
Potassium	39-2	9591454	9536238	9472869	9533520	0.62	cps
Rhodium	103-1	10591495	11000908	10700449	10764284	1.97	cps
Rhodium	103-2	6353851	6440331	6471526	6421903	0.95	cps
Scandium	45-1	8341034	8495048	8529481	8455188	1.19	cps
Scandium	45-2	775953	780914	778261	778376	0.32	cps
Selenium	82-1	1048	1110	1030	1063	3.96	cps
Selenium	77-2	743	723	820	762	6.69	cps
Selenium	78-2	993	1020	1043	1019	2.46	cps
Silicon	28-1	27319655	28216805	27900928	27812463	1.64	cps
Silver	107-1	7332	6428	6235	6665	8.79	cps
Silver	109-1	6848	5898	5968	6238	8.49	cps
Sodium	23-2	425223	429452	430081	428252	0.62	cps
Strontium	86-1	771731	777065	774844	774546	0.35	cps
Strontium	88-1	6824456	6865353	6732629	6807479	1.00	cps
Sulfur	34-1	318206	308922	305612	310913	2.10	cps
Terbium	159-1	13420279	13122381	13269480	13270713	1.12	cps
Terbium	159-2	8560322	8566668	8570593	8565861	0.06	cps
Thallium	203-1	8006	7962	7525	7831	3.39	cps
Thallium	205-1	18740	19244	19938	19307	3.12	cps
Tin	118-1	43676	44619	45371	44556	1.91	cps
Titanium	47-1	2613132	2705606	2708610	2675783	2.03	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-13	Instrumnet Name :	P7
Client Sample ID :	MYD102	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:15:38	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	71175	69021	69460	69885	1.63	cps
Vanadium	51-2	2022577	1977287	2030357	2010074	1.43	cps
Yttrium	89-1	22541705	21602400	21241669	21795258	3.08	cps
Yttrium	89-2	5420562	5510418	5479754	5470245	0.84	cps
Zinc	66-2	467363	468831	470422	468872	0.33	cps
Zirconium	90-1	611772	615733	616125	614544	0.39	cps
Zirconium	91-1	134331	139011	138715	137352	1.91	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-14	Instrumnet Name :	P7
Client Sample ID :	MYD103	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:18:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20282445	20088851	19959235	20110177	0.81	cps
Antimony	121-1	47408	48859	48060	48109	1.51	cps
Arsenic	75-2	97914	99000	97833	98249	0.66	cps
Barium	135-1	2432469	2544769	2527154	2501464	2.41	cps
Barium	137-1	4373008	4314582	4429333	4372308	1.31	cps
Beryllium	9-1	4240	4347	4488	4358	2.86	cps
Bismuth	209-1	7490988	7378020	7500333	7456447	0.91	cps
Bismuth	209-2	5765736	5687566	5795934	5749745	0.97	cps
Bromine	81-1	17944	17931	18809	18228	2.76	cps
Bromine	81-2	1407	1413	1323	1381	3.63	cps
Cadmium	108-1	400	470	463	444	8.69	cps
Cadmium	106-1	4854	4674	4718	4749	1.98	cps
Cadmium	111-1	4915	4910	4961	4929	0.58	cps
Calcium	43-1	635014	648634	653140	645596	1.46	cps
Calcium	44-1	10104065	10012265	10262149	10126160	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	937744	938410	934596	936917	0.22	cps
Cobalt	59-2	717011	711492	715012	714505	0.39	cps
Copper	63-2	936608	939476	931252	935779	0.45	cps
Dysprosium	156-1	110967	113521	110547	111678	1.44	cps
Dysprosium	156-2	92402	93764	92566	92910	0.80	cps
Erbium	164-1	82844	81556	83581	82660	1.24	cps
Erbium	164-2	55296	54677	55369	55114	0.69	cps
Gadolinium	160-1	101793	100849	103411	102018	1.27	cps
Gadolinium	160-2	73317	72929	72349	72865	0.67	cps
Holmium	165-1	12757131	12981102	13078247	12938827	1.27	cps
Holmium	165-2	8783506	8560068	8804189	8715921	1.55	cps
Indium	115-1	11241642	10946798	11258141	11148860	1.57	cps
Indium	115-2	3692076	3695381	3665492	3684316	0.44	cps
Iron	56-2	612485631	614486524	608421818	611797991	0.51	cps
Iron	57-2	15182745	15170769	14964879	15106131	0.81	cps
Iron	54-2	33892629	33571362	33868792	33777594	0.53	cps
Krypton	83-1	473	470	513	486	4.97	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-14	Instrumnet Name :	P7
Client Sample ID :	MYD103	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:18:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	245914	250938	252972	249941	1.45	cps
Lead	207-1	205500	214317	206539	208785	2.31	cps
Lead	208-1	969003	976604	990804	978803	1.13	cps
Lithium	6-1	1788617	1677737	1705476	1723943	3.35	cps
Magnesium	24-2	15656734	15731376	15450751	15612954	0.93	cps
Manganese	55-2	50333344	50089221	49724568	50049044	0.61	cps
Molybdenum	94-1	127879	133745	129617	130414	2.31	cps
Molybdenum	95-1	9360	9323	9890	9524	3.33	cps
Molybdenum	96-1	34337	35450	35426	35071	1.81	cps
Molybdenum	97-1	5114	5438	5094	5215	3.70	cps
Molybdenum	98-1	13099	12709	12936	12915	1.52	cps
Neodymium	150-1	231335	229709	233459	231501	0.81	cps
Neodymium	150-2	128665	129088	127823	128525	0.50	cps
Nickel	60-2	382413	383103	379910	381809	0.44	cps
Phosphorus	31-2	51048	51299	51894	51414	0.85	cps
Potassium	39-2	6332482	6415124	6296215	6347940	0.96	cps
Rhodium	103-1	10540264	10441626	10585197	10522362	0.70	cps
Rhodium	103-2	6555075	6365273	6447138	6455829	1.47	cps
Scandium	45-1	8136262	7984224	8223317	8114601	1.49	cps
Scandium	45-2	756653	745675	750816	751048	0.73	cps
Selenium	82-1	840	937	769	849	9.94	cps
Selenium	77-2	463	580	623	556	14.90	cps
Selenium	78-2	863	857	900	873	2.67	cps
Silicon	28-1	17998906	18274585	18569503	18280998	1.56	cps
Silver	107-1	3434	3620	3661	3572	3.39	cps
Silver	109-1	3247	3497	3567	3437	4.90	cps
Sodium	23-2	294523	297652	298639	296938	0.72	cps
Strontium	86-1	524779	537616	526676	529691	1.31	cps
Strontium	88-1	4472467	4684754	4583131	4580117	2.32	cps
Sulfur	34-1	241752	240131	240606	240830	0.35	cps
Terbium	159-1	13060042	13385654	12785447	13077048	2.30	cps
Terbium	159-2	8652028	8494227	8634078	8593444	1.01	cps
Thallium	203-1	5381	5875	5511	5589	4.58	cps
Thallium	205-1	13750	13483	14094	13776	2.22	cps
Tin	118-1	31053	30953	31815	31274	1.51	cps
Titanium	47-1	1832503	1811790	1823464	1822586	0.57	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-14	Instrumnet Name :	P7
Client Sample ID :	MYD103	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:18:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39595	40301	40488	40128	1.17	cps
Vanadium	51-2	1231509	1225297	1221260	1226022	0.42	cps
Yttrium	89-1	20196189	21042556	20856746	20698497	2.15	cps
Yttrium	89-2	5273485	5216640	5205489	5231871	0.70	cps
Zinc	66-2	251678	250980	250288	250982	0.28	cps
Zirconium	90-1	351668	350378	357112	353053	1.01	cps
Zirconium	91-1	76015	76783	78767	77188	1.84	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-15	Instrumnet Name :	P7
Client Sample ID :	MYD104	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:21:49	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24329346	24566435	24524111	24473298	0.52	cps
Antimony	121-1	36099	36530	36169	36266	0.64	cps
Arsenic	75-2	97581	96965	97017	97188	0.35	cps
Barium	135-1	2407047	2424657	2495390	2442365	1.91	cps
Barium	137-1	4028829	4103948	4330151	4154309	3.78	cps
Beryllium	9-1	5033	5299	5350	5227	3.25	cps
Bismuth	209-1	7529199	7520062	7527554	7525605	0.06	cps
Bismuth	209-2	5657617	5576284	5682550	5638817	0.99	cps
Bromine	81-1	20448	20344	22037	20943	4.53	cps
Bromine	81-2	2023	2114	2147	2095	3.05	cps
Cadmium	108-1	463	430	553	482	13.23	cps
Cadmium	106-1	5178	5184	4921	5094	2.95	cps
Cadmium	111-1	4717	4928	4507	4717	4.46	cps
Calcium	43-1	743003	751938	774120	756354	2.12	cps
Calcium	44-1	11302819	11405534	11698414	11468922	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1051744	1048438	1055030	1051737	0.31	cps
Cobalt	59-2	558795	555551	558511	557619	0.32	cps
Copper	63-2	920819	918022	924830	921224	0.37	cps
Dysprosium	156-1	121440	123857	119682	121660	1.72	cps
Dysprosium	156-2	99204	98888	99026	99039	0.16	cps
Erbium	164-1	92914	96312	93144	94123	2.02	cps
Erbium	164-2	59995	60989	61119	60701	1.01	cps
Gadolinium	160-1	112057	112908	116469	113811	2.06	cps
Gadolinium	160-2	79370	79236	80064	79556	0.56	cps
Holmium	165-1	13079848	13320443	12760696	13053662	2.15	cps
Holmium	165-2	8594858	8531817	8684493	8603723	0.89	cps
Indium	115-1	10696800	10535604	10967579	10733328	2.03	cps
Indium	115-2	3605989	3614676	3653545	3624737	0.70	cps
Iron	56-2	697259350	706072736	706541243	703291110	0.74	cps
Iron	57-2	17352322	17079086	17230708	17220705	0.79	cps
Iron	54-2	38701279	38768767	38981895	38817314	0.38	cps
Krypton	83-1	557	520	547	541	3.50	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-15	Instrumnet Name :	P7
Client Sample ID :	MYD104	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:21:49	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	210491	213972	204799	209754	2.21	cps
Lead	207-1	168042	171889	176221	172051	2.38	cps
Lead	208-1	788136	800022	807706	798621	1.23	cps
Lithium	6-1	1635438	1624060	1646527	1635342	0.69	cps
Magnesium	24-2	17446268	17181584	17458176	17362009	0.90	cps
Manganese	55-2	10825202	10757939	10859545	10814229	0.48	cps
Molybdenum	94-1	181466	184733	186376	184192	1.36	cps
Molybdenum	95-1	6692	6605	6905	6734	2.29	cps
Molybdenum	96-1	43585	44778	43912	44092	1.40	cps
Molybdenum	97-1	4197	4091	4121	4136	1.33	cps
Molybdenum	98-1	9687	9944	10327	9986	3.23	cps
Neodymium	150-1	244381	250093	250762	248412	1.41	cps
Neodymium	150-2	140551	138849	140944	140114	0.79	cps
Nickel	60-2	428884	429666	435622	431391	0.85	cps
Phosphorus	31-2	56715	55527	55972	56071	1.07	cps
Potassium	39-2	6695538	6616634	6777464	6696546	1.20	cps
Rhodium	103-1	10475154	10567599	10426222	10489658	0.68	cps
Rhodium	103-2	6393381	6269600	6388871	6350617	1.11	cps
Scandium	45-1	8001209	7989395	8239615	8076740	1.75	cps
Scandium	45-2	763705	762769	766759	764411	0.27	cps
Selenium	82-1	720	724	727	724	0.52	cps
Selenium	77-2	537	497	553	529	5.51	cps
Selenium	78-2	867	853	830	850	2.18	cps
Silicon	28-1	21199560	21902423	21381754	21494579	1.70	cps
Silver	107-1	3707	3614	4077	3799	6.45	cps
Silver	109-1	3580	3390	3574	3515	3.07	cps
Sodium	23-2	295161	295441	300358	296987	0.98	cps
Strontium	86-1	517963	526126	518438	520842	0.88	cps
Strontium	88-1	4559378	4593515	4627216	4593370	0.74	cps
Sulfur	34-1	237636	238702	236119	237486	0.55	cps
Terbium	159-1	13073861	13288351	13479745	13280653	1.53	cps
Terbium	159-2	8526992	8572470	8505662	8535041	0.40	cps
Thallium	203-1	5111	4507	4587	4735	6.92	cps
Thallium	205-1	10374	10741	11078	10731	3.28	cps
Tin	118-1	33683	33983	33442	33703	0.80	cps
Titanium	47-1	2124506	2140771	2146409	2137229	0.53	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-15	Instrumnet Name :	P7
Client Sample ID :	MYD104	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:21:49	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44741	46043	47732	46172	3.25	cps
Vanadium	51-2	1485600	1472490	1459238	1472443	0.90	cps
Yttrium	89-1	21285635	21190904	21701613	21392717	1.27	cps
Yttrium	89-2	5301133	5171646	5191258	5221346	1.34	cps
Zinc	66-2	240978	239935	241065	240660	0.26	cps
Zirconium	90-1	482809	497568	509571	496649	2.70	cps
Zirconium	91-1	111378	113165	110243	111596	1.32	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-16	Instrumnet Name :	P7
Client Sample ID :	MYD105	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:24:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25909730	25998765	25681572	25863355	0.63	cps
Antimony	121-1	22077	22351	23122	22517	2.41	cps
Arsenic	75-2	82836	82984	82350	82723	0.40	cps
Barium	135-1	8510876	8814041	8691680	8672199	1.76	cps
Barium	137-1	14873581	15153973	15102751	15043435	0.99	cps
Beryllium	9-1	7634	7739	7837	7737	1.32	cps
Bismuth	209-1	7595027	7548304	7311838	7485057	2.03	cps
Bismuth	209-2	5635848	5611456	5620322	5622542	0.22	cps
Bromine	81-1	16059	17157	16806	16674	3.36	cps
Bromine	81-2	1397	1287	1340	1341	4.10	cps
Cadmium	108-1	1150	1107	980	1079	8.19	cps
Cadmium	106-1	6408	6431	6145	6328	2.52	cps
Cadmium	111-1	10549	10182	10287	10339	1.83	cps
Calcium	43-1	1377380	1363842	1391997	1377740	1.02	cps
Calcium	44-1	22017325	22232736	22298898	22182986	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1418700	1394573	1381728	1398334	1.34	cps
Cobalt	59-2	695326	686351	689823	690500	0.66	cps
Copper	63-2	2299607	2247434	2279634	2275558	1.16	cps
Dysprosium	156-1	242656	245017	245563	244412	0.63	cps
Dysprosium	156-2	223062	219819	220478	221120	0.77	cps
Erbium	164-1	123235	125440	124210	124295	0.89	cps
Erbium	164-2	82394	82320	81472	82062	0.62	cps
Gadolinium	160-1	188487	191704	193289	191160	1.28	cps
Gadolinium	160-2	133654	133684	134178	133839	0.22	cps
Holmium	165-1	12927897	12642448	12857593	12809313	1.16	cps
Holmium	165-2	8462314	8746390	8522286	8576996	1.75	cps
Indium	115-1	10811088	10872211	10733083	10805461	0.65	cps
Indium	115-2	3619702	3601941	3622377	3614673	0.31	cps
Iron	56-2	464201313	455548713	460997220	460249082	0.95	cps
Iron	57-2	11397793	11193682	11402056	11331177	1.05	cps
Iron	54-2	25322493	25484254	25167367	25324705	0.63	cps
Krypton	83-1	530	567	553	550	3.37	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-16	Instrumnet Name :	P7
Client Sample ID :	MYD105	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:24:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	782613	786041	788463	785706	0.37	cps
Lead	207-1	673648	681778	679819	678415	0.63	cps
Lead	208-1	3262706	3299820	3295099	3285875	0.61	cps
Lithium	6-1	1662823	1646945	1579544	1629771	2.71	cps
Magnesium	24-2	24562362	24292564	24113154	24322693	0.93	cps
Manganese	55-2	10798396	10617887	10635980	10684088	0.93	cps
Molybdenum	94-1	368299	371399	371065	370254	0.46	cps
Molybdenum	95-1	8192	8419	8346	8319	1.39	cps
Molybdenum	96-1	73350	74901	75420	74557	1.44	cps
Molybdenum	97-1	5001	5014	5044	5020	0.44	cps
Molybdenum	98-1	12749	12986	12395	12710	2.34	cps
Neodymium	150-1	645861	647450	653638	648983	0.63	cps
Neodymium	150-2	362309	360607	356356	359757	0.85	cps
Nickel	60-2	954338	952868	943924	950377	0.59	cps
Phosphorus	31-2	180817	178514	180561	179964	0.70	cps
Potassium	39-2	3522933	3495372	3469660	3495988	0.76	cps
Rhodium	103-1	10526684	10403430	10338672	10422929	0.92	cps
Rhodium	103-2	6323078	6412241	6367993	6367771	0.70	cps
Scandium	45-1	7793073	7869870	7832649	7831864	0.49	cps
Scandium	45-2	743618	740139	739783	741180	0.29	cps
Selenium	82-1	976	928	1049	985	6.18	cps
Selenium	77-2	1190	1213	1010	1138	9.78	cps
Selenium	78-2	1533	1360	1323	1406	7.98	cps
Silicon	28-1	22789479	23076825	23167521	23011275	0.86	cps
Silver	107-1	15185	15675	15402	15421	1.59	cps
Silver	109-1	13860	14731	13973	14188	3.34	cps
Sodium	23-2	4105222	4069935	4055551	4076903	0.63	cps
Strontium	86-1	2899911	2977797	2955017	2944242	1.36	cps
Strontium	88-1	25151295	25777287	25431385	25453322	1.23	cps
Sulfur	34-1	246203	248601	246943	247249	0.50	cps
Terbium	159-1	13323239	13236020	13104544	13221268	0.83	cps
Terbium	159-2	8529922	8380569	8594252	8501581	1.29	cps
Thallium	203-1	4708	5028	4781	4839	3.47	cps
Thallium	205-1	11548	11745	11632	11642	0.85	cps
Tin	118-1	41282	41814	41607	41568	0.64	cps
Titanium	47-1	4506274	4556457	4561501	4541411	0.67	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-16	Instrumnet Name :	P7
Client Sample ID :	MYD105	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:24:57	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	81718	83774	83201	82898	1.28	cps
Vanadium	51-2	1041518	1020598	1023371	1028495	1.10	cps
Yttrium	89-1	21522944	21623233	21542669	21562949	0.25	cps
Yttrium	89-2	5424328	5312251	5329743	5355441	1.13	cps
Zinc	66-2	276202	274389	274324	274971	0.39	cps
Zirconium	90-1	997743	1016929	1020534	1011735	1.21	cps
Zirconium	91-1	222114	227763	229102	226326	1.64	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-17	Instrumnet Name :	P7
Client Sample ID :	MYDA38	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:27:57	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27834783	27733708	27799797	27789429	0.18	cps
Antimony	121-1	10677	11004	10894	10859	1.53	cps
Arsenic	75-2	81686	81717	81331	81578	0.26	cps
Barium	135-1	1115146	1135394	1127550	1126030	0.91	cps
Barium	137-1	2062094	2027520	2003921	2031178	1.44	cps
Beryllium	9-1	2487	2301	2475	2421	4.30	cps
Bismuth	209-1	7367781	7227424	7257998	7284401	1.01	cps
Bismuth	209-2	5414908	5413513	5440194	5422872	0.28	cps
Bromine	81-1	14414	14474	14551	14479	0.47	cps
Bromine	81-2	703	743	730	726	2.81	cps
Cadmium	108-1	430	430	420	427	1.35	cps
Cadmium	106-1	4834	4397	4341	4524	5.97	cps
Cadmium	111-1	7390	7165	7119	7224	2.01	cps
Calcium	43-1	762500	770967	764310	765926	0.58	cps
Calcium	44-1	11919054	11727308	11819662	11822008	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	989179	980403	974155	981246	0.77	cps
Cobalt	59-2	1067339	1056213	1058871	1060808	0.55	cps
Copper	63-2	2562199	2555717	2546936	2554951	0.30	cps
Dysprosium	156-1	70861	72519	72486	71955	1.32	cps
Dysprosium	156-2	54766	55372	53368	54502	1.89	cps
Erbium	164-1	75455	76304	76039	75933	0.57	cps
Erbium	164-2	50377	49708	49180	49755	1.21	cps
Gadolinium	160-1	73703	72677	73089	73157	0.71	cps
Gadolinium	160-2	53418	51578	52093	52363	1.81	cps
Holmium	165-1	12485064	12453477	12483252	12473931	0.14	cps
Holmium	165-2	8225036	8374738	8208737	8269504	1.11	cps
Indium	115-1	10693711	10612269	10722995	10676325	0.54	cps
Indium	115-2	3564646	3612632	3491941	3556407	1.71	cps
Iron	56-2	1072020944	1064338784	1055852384	1064070704	0.76	cps
Iron	57-2	26299174	26248450	26196359	26247994	0.20	cps
Iron	54-2	58702724	58028372	58257172	58329423	0.59	cps
Krypton	83-1	467	530	393	463	14.76	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-17	Instrumnet Name :	P7
Client Sample ID :	MYDA38	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:27:57	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	457451	455189	455811	456150	0.26	cps
Lead	207-1	390386	392960	394859	392735	0.57	cps
Lead	208-1	1794171	1799050	1790876	1794699	0.23	cps
Lithium	6-1	1578697	1551173	1532798	1554223	1.49	cps
Magnesium	24-2	33038085	33131775	33225166	33131675	0.28	cps
Manganese	55-2	17015445	17005555	17148640	17056546	0.47	cps
Molybdenum	94-1	50948	51597	51286	51277	0.63	cps
Molybdenum	95-1	14441	14728	14294	14487	1.52	cps
Molybdenum	96-1	32149	32550	32490	32396	0.67	cps
Molybdenum	97-1	9193	9166	9126	9162	0.37	cps
Molybdenum	98-1	22521	22604	22671	22599	0.33	cps
Neodymium	150-1	106287	107231	107882	107133	0.75	cps
Neodymium	150-2	60673	59977	59334	59995	1.12	cps
Nickel	60-2	361873	359960	356643	359492	0.74	cps
Phosphorus	31-2	58193	58006	57163	57787	0.95	cps
Potassium	39-2	9128939	9147038	9001608	9092528	0.87	cps
Rhodium	103-1	10385640	10274404	10414589	10358211	0.71	cps
Rhodium	103-2	6257845	6305410	6168488	6243914	1.11	cps
Scandium	45-1	8359407	8248851	8325507	8311255	0.68	cps
Scandium	45-2	776929	771294	769060	772428	0.52	cps
Selenium	82-1	737	613	786	712	12.49	cps
Selenium	77-2	337	323	283	314	8.83	cps
Selenium	78-2	750	633	767	717	10.14	cps
Silicon	28-1	27332613	27027790	27802368	27387590	1.42	cps
Silver	107-1	8696	8799	8499	8665	1.76	cps
Silver	109-1	7972	8172	8546	8230	3.54	cps
Sodium	23-2	559243	561305	561755	560768	0.24	cps
Strontium	86-1	423664	425676	427697	425679	0.47	cps
Strontium	88-1	3707610	3686424	3731951	3708662	0.61	cps
Sulfur	34-1	246968	250893	251957	249939	1.05	cps
Terbium	159-1	12832108	13033660	13109500	12991756	1.10	cps
Terbium	159-2	8484613	8190002	8278460	8317691	1.82	cps
Thallium	203-1	2370	2237	2484	2364	5.22	cps
Thallium	205-1	5191	5441	5625	5419	4.02	cps
Tin	118-1	29601	30165	29340	29702	1.42	cps
Titanium	47-1	3211460	3219621	3234427	3221836	0.36	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-17	Instrumnet Name :	P7
Client Sample ID :	MYDA38	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:27:57	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23377	23451	23548	23459	0.36	cps
Vanadium	51-2	3069623	3137521	3070048	3092397	1.26	cps
Yttrium	89-1	20613031	20337528	20901723	20617427	1.37	cps
Yttrium	89-2	5122463	5126914	5137151	5128843	0.15	cps
Zinc	66-2	418435	417851	414996	417094	0.44	cps
Zirconium	90-1	117550	119256	119253	118686	0.83	cps
Zirconium	91-1	26481	27325	27102	26969	1.62	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-18	Instrumnet Name :	P7
Client Sample ID :	MYDA39	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:31:04	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19855357	19683402	19491633	19676798	0.92	cps
Antimony	121-1	25610	26364	25843	25939	1.49	cps
Arsenic	75-2	137638	137070	135875	136861	0.66	cps
Barium	135-1	1782094	1794727	1849484	1808768	1.98	cps
Barium	137-1	3034616	3018162	3132121	3061633	2.01	cps
Beryllium	9-1	3589	3767	3708	3688	2.46	cps
Bismuth	209-1	7510385	7220536	7311214	7347378	2.02	cps
Bismuth	209-2	5658637	5571622	5467541	5565933	1.72	cps
Bromine	81-1	15755	15902	16636	16098	2.93	cps
Bromine	81-2	1243	1313	1150	1236	6.63	cps
Cadmium	108-1	577	587	620	594	3.82	cps
Cadmium	106-1	4724	4717	4574	4672	1.81	cps
Cadmium	111-1	7057	7029	7199	7095	1.28	cps
Calcium	43-1	482540	491295	503303	492380	2.12	cps
Calcium	44-1	7343840	7485269	7588538	7472549	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1241721	1231816	1226646	1233394	0.62	cps
Cobalt	59-2	940500	936808	929628	935646	0.59	cps
Copper	63-2	2024773	2024773	2017226	2022257	0.22	cps
Dysprosium	156-1	86176	87363	85890	86476	0.90	cps
Dysprosium	156-2	66908	66567	66771	66749	0.26	cps
Erbium	164-1	73844	73234	74414	73830	0.80	cps
Erbium	164-2	49561	49578	48397	49179	1.38	cps
Gadolinium	160-1	80292	81307	82625	81408	1.44	cps
Gadolinium	160-2	57578	57608	56339	57175	1.27	cps
Holmium	165-1	13234316	12951936	12391369	12859207	3.34	cps
Holmium	165-2	8417477	8350947	8317320	8361915	0.61	cps
Indium	115-1	10490533	10675307	10798435	10654758	1.45	cps
Indium	115-2	3627452	3534929	3517453	3559945	1.66	cps
Iron	56-2	985014999	976413105	977957612	979795239	0.47	cps
Iron	57-2	24464109	24176750	24116655	24252505	0.77	cps
Iron	54-2	53860256	54032999	54683309	54192188	0.80	cps
Krypton	83-1	417	463	463	448	6.02	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-18	Instrumnet Name :	P7
Client Sample ID :	MYDA39	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:31:04	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	553277	545216	536820	545105	1.51	cps
Lead	207-1	480644	495540	499137	491774	1.99	cps
Lead	208-1	2158312	2190458	2212686	2187152	1.25	cps
Lithium	6-1	1516085	1497571	1522513	1512056	0.86	cps
Magnesium	24-2	19313933	19047128	19178780	19179947	0.70	cps
Manganese	55-2	29684715	29352874	29489798	29509129	0.57	cps
Molybdenum	94-1	90122	91722	90088	90644	1.03	cps
Molybdenum	95-1	15562	15965	16212	15913	2.06	cps
Molybdenum	96-1	39072	38778	38614	38821	0.60	cps
Molybdenum	97-1	9496	9873	9907	9759	2.33	cps
Molybdenum	98-1	23906	24327	24394	24209	1.09	cps
Neodymium	150-1	141893	140980	144317	142397	1.21	cps
Neodymium	150-2	81494	80890	79700	80695	1.13	cps
Nickel	60-2	334754	330951	331783	332496	0.60	cps
Phosphorus	31-2	45294	44341	44792	44809	1.06	cps
Potassium	39-2	9936802	9720944	9854429	9837392	1.11	cps
Rhodium	103-1	10421203	9972964	10232946	10209038	2.20	cps
Rhodium	103-2	6298374	6256038	6285566	6279993	0.35	cps
Scandium	45-1	7992577	8024248	8147347	8054724	1.02	cps
Scandium	45-2	766365	756557	757397	760106	0.72	cps
Selenium	82-1	801	723	801	775	5.79	cps
Selenium	77-2	327	353	400	360	10.31	cps
Selenium	78-2	847	740	850	812	7.70	cps
Silicon	28-1	37502904	36254971	37583951	37113942	2.01	cps
Silver	107-1	6118	6031	6288	6146	2.13	cps
Silver	109-1	5911	5935	5801	5882	1.21	cps
Sodium	23-2	307739	306693	309731	308054	0.50	cps
Strontium	86-1	395962	406714	393536	398737	1.76	cps
Strontium	88-1	3411364	3443287	3518942	3457864	1.60	cps
Sulfur	34-1	246734	245342	243622	245233	0.64	cps
Terbium	159-1	12960711	12954196	13122438	13012448	0.73	cps
Terbium	159-2	8404923	8439454	8319225	8387867	0.74	cps
Thallium	203-1	3664	3927	3987	3859	4.46	cps
Thallium	205-1	8516	9227	9607	9116	6.07	cps
Tin	118-1	33476	33355	33633	33488	0.42	cps
Titanium	47-1	2301082	2334135	2354041	2329753	1.15	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-18	Instrumnet Name :	P7
Client Sample ID :	MYDA39	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:31:04	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38770	38920	41234	39641	3.48	cps
Vanadium	51-2	2220525	2192555	2172525	2195202	1.10	cps
Yttrium	89-1	20266939	20098980	20898479	20421466	2.06	cps
Yttrium	89-2	5149916	5050033	5071520	5090490	1.03	cps
Zinc	66-2	347153	342415	344767	344778	0.69	cps
Zirconium	90-1	221606	223855	230005	225155	1.93	cps
Zirconium	91-1	50209	49553	50550	50104	1.01	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-19	Instrumnet Name :	P7
Client Sample ID :	MYDA40	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:34:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13452854	13404388	13406907	13421383	0.20	cps
Antimony	121-1	56199	55728	55336	55754	0.78	cps
Arsenic	75-2	108442	107952	107754	108049	0.33	cps
Barium	135-1	2027887	1989482	2024290	2013887	1.05	cps
Barium	137-1	3373544	3356722	3478843	3403036	1.94	cps
Beryllium	9-1	2537	2558	2507	2534	1.01	cps
Bismuth	209-1	7379373	7609242	7446908	7478508	1.58	cps
Bismuth	209-2	5624922	5608251	5627398	5620190	0.19	cps
Bromine	81-1	13249	12806	13800	13285	3.75	cps
Bromine	81-2	663	610	683	652	5.81	cps
Cadmium	108-1	347	387	423	386	9.95	cps
Cadmium	106-1	4344	4567	4271	4394	3.52	cps
Cadmium	111-1	6282	6174	6117	6191	1.35	cps
Calcium	43-1	377708	373202	385809	378906	1.69	cps
Calcium	44-1	5716531	5637483	5735537	5696517	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	864022	860663	859237	861307	0.29	cps
Cobalt	59-2	607471	606180	606546	606732	0.11	cps
Copper	63-2	1441459	1435851	1434570	1437293	0.25	cps
Dysprosium	156-1	63188	66038	63868	64364	2.31	cps
Dysprosium	156-2	50785	51437	51179	51134	0.64	cps
Erbium	164-1	53923	56176	53947	54682	2.37	cps
Erbium	164-2	36451	35756	35572	35926	1.29	cps
Gadolinium	160-1	61718	59793	62750	61421	2.44	cps
Gadolinium	160-2	42869	43046	42672	42862	0.44	cps
Holmium	165-1	12192199	13016921	12416761	12541961	3.40	cps
Holmium	165-2	8413836	8252430	8374757	8347008	1.01	cps
Indium	115-1	10571854	10464069	10944241	10660054	2.36	cps
Indium	115-2	3574071	3548505	3550317	3557631	0.40	cps
Iron	56-2	734351562	727938149	734671242	732320318	0.52	cps
Iron	57-2	18228246	17803203	17994633	18008694	1.18	cps
Iron	54-2	40385616	40439103	40657847	40494189	0.36	cps
Krypton	83-1	457	423	487	456	6.96	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-19	Instrumnet Name :	P7
Client Sample ID :	MYDA40	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:34:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	367507	386751	370945	375068	2.74	cps
Lead	207-1	341124	333369	337869	337454	1.15	cps
Lead	208-1	1496543	1510277	1512802	1506541	0.58	cps
Lithium	6-1	1553959	1492846	1541584	1529463	2.11	cps
Magnesium	24-2	13881058	13845767	13713737	13813520	0.64	cps
Manganese	55-2	33691542	33480975	33752858	33641792	0.42	cps
Molybdenum	94-1	81147	80610	83050	81602	1.57	cps
Molybdenum	95-1	12866	12989	13059	12971	0.76	cps
Molybdenum	96-1	31117	33268	31551	31978	3.56	cps
Molybdenum	97-1	7649	7585	7552	7595	0.65	cps
Molybdenum	98-1	19159	18852	19313	19108	1.23	cps
Neodymium	150-1	111610	111181	112612	111801	0.66	cps
Neodymium	150-2	62739	62709	63094	62847	0.34	cps
Nickel	60-2	261477	258743	260864	260361	0.55	cps
Phosphorus	31-2	42415	41583	42485	42161	1.19	cps
Potassium	39-2	7687689	7769521	7688849	7715353	0.61	cps
Rhodium	103-1	10322811	10358024	10401676	10360837	0.38	cps
Rhodium	103-2	6191981	6341412	6238037	6257143	1.22	cps
Scandium	45-1	7756847	7509009	7648939	7638265	1.63	cps
Scandium	45-2	726536	722078	725809	724808	0.33	cps
Selenium	82-1	620	656	642	639	2.82	cps
Selenium	77-2	283	270	197	250	18.67	cps
Selenium	78-2	690	590	657	646	7.89	cps
Silicon	28-1	28799361	29360185	29047001	29068849	0.97	cps
Silver	107-1	5004	4874	4934	4938	1.32	cps
Silver	109-1	4354	4594	4617	4522	3.22	cps
Sodium	23-2	364475	366670	368829	366658	0.59	cps
Strontium	86-1	360052	373675	360911	364879	2.09	cps
Strontium	88-1	3303148	3220750	3291540	3271813	1.36	cps
Sulfur	34-1	280640	281157	280117	280638	0.19	cps
Terbium	159-1	13467409	12848857	13006828	13107698	2.45	cps
Terbium	159-2	8369529	8352629	8319413	8347190	0.31	cps
Thallium	203-1	5865	5658	5354	5626	4.56	cps
Thallium	205-1	12953	12626	13357	12979	2.82	cps
Tin	118-1	56326	58086	57327	57246	1.54	cps
Titanium	47-1	1692764	1689032	1708278	1696692	0.60	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-19	Instrumnet Name :	P7
Client Sample ID :	MYDA40	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:34:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27832	26096	27849	27259	3.70	cps
Vanadium	51-2	1478092	1464115	1484023	1475410	0.69	cps
Yttrium	89-1	20630034	19819906	20734709	20394883	2.45	cps
Yttrium	89-2	4914711	5034889	5010664	4986755	1.27	cps
Zinc	66-2	370600	373486	375137	373075	0.62	cps
Zirconium	90-1	203183	201716	206137	203679	1.11	cps
Zirconium	91-1	44788	46520	45637	45648	1.90	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-20	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:37:16	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15214070	15106869	15121386	15147442	0.38	cps
Antimony	121-1	22461	22838	23486	22928	2.26	cps
Arsenic	75-2	117346	117027	117070	117148	0.15	cps
Barium	135-1	5105070	4914537	4870630	4963412	2.51	cps
Barium	137-1	8625627	8798343	8421736	8615235	2.19	cps
Beryllium	9-1	2526	2524	2514	2521	0.24	cps
Bismuth	209-1	7404139	7382682	7298643	7361822	0.76	cps
Bismuth	209-2	5530955	5478509	5656785	5555416	1.65	cps
Bromine	81-1	14667	15328	14511	14835	2.92	cps
Bromine	81-2	807	757	880	814	7.62	cps
Cadmium	108-1	427	517	430	458	11.15	cps
Cadmium	106-1	4394	4104	4491	4330	4.65	cps
Cadmium	111-1	6944	6505	7013	6821	4.04	cps
Calcium	43-1	531606	528516	529820	529981	0.29	cps
Calcium	44-1	8023360	8323170	7983079	8109870	2.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1126590	1120340	1120717	1122549	0.31	cps
Cobalt	59-2	712937	708996	712431	711455	0.30	cps
Copper	63-2	1499750	1476760	1478265	1484925	0.87	cps
Dysprosium	156-1	65100	66436	68553	66696	2.61	cps
Dysprosium	156-2	52688	52026	53384	52700	1.29	cps
Erbium	164-1	57906	58807	57839	58184	0.93	cps
Erbium	164-2	38704	38399	38957	38687	0.72	cps
Gadolinium	160-1	64879	66256	63007	64714	2.52	cps
Gadolinium	160-2	44735	44587	43832	44385	1.09	cps
Holmium	165-1	12473397	12575174	13211383	12753318	3.14	cps
Holmium	165-2	8327328	8384117	8425293	8378913	0.59	cps
Indium	115-1	10559090	10995986	10621892	10725656	2.20	cps
Indium	115-2	3584467	3565136	3565457	3571687	0.31	cps
Iron	56-2	812362201	796946815	799249615	802852877	1.04	cps
Iron	57-2	19529305	19661178	19767427	19652637	0.61	cps
Iron	54-2	44185414	43734348	43988864	43969542	0.51	cps
Krypton	83-1	400	440	460	433	7.05	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-20	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:37:16	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	399375	407610	409684	405556	1.34	cps
Lead	207-1	366655	361494	373926	367358	1.70	cps
Lead	208-1	1623776	1664222	1654991	1647663	1.29	cps
Lithium	6-1	1530559	1618585	1462181	1537109	5.10	cps
Magnesium	24-2	16389509	16218089	16110055	16239217	0.87	cps
Manganese	55-2	60734532	59487909	59651854	59958099	1.13	cps
Molybdenum	94-1	63889	64307	66393	64863	2.07	cps
Molybdenum	95-1	16957	17527	17210	17231	1.66	cps
Molybdenum	96-1	32897	34160	33044	33367	2.07	cps
Molybdenum	97-1	9857	9693	10034	9861	1.73	cps
Molybdenum	98-1	24624	25686	24764	25025	2.31	cps
Neodymium	150-1	113687	118090	113301	115026	2.31	cps
Neodymium	150-2	64912	63726	62819	63819	1.64	cps
Nickel	60-2	283230	279269	279767	280755	0.77	cps
Phosphorus	31-2	63695	63595	63551	63614	0.12	cps
Potassium	39-2	8608224	8557516	8619036	8594925	0.38	cps
Rhodium	103-1	10435380	10414747	10183644	10344590	1.35	cps
Rhodium	103-2	6275338	6270197	6230072	6258535	0.40	cps
Scandium	45-1	7882805	8079758	7793564	7918709	1.85	cps
Scandium	45-2	747046	739005	744306	743452	0.55	cps
Selenium	82-1	751	653	673	692	7.46	cps
Selenium	77-2	273	227	233	244	10.33	cps
Selenium	78-2	590	677	760	676	12.58	cps
Silicon	28-1	36531682	37066183	36707659	36768508	0.74	cps
Silver	107-1	4114	4527	4581	4407	5.80	cps
Silver	109-1	4104	3994	4187	4095	2.37	cps
Sodium	23-2	326515	330161	331673	329450	0.80	cps
Strontium	86-1	536517	548529	556217	547088	1.81	cps
Strontium	88-1	4921483	4715637	4845928	4827683	2.16	cps
Sulfur	34-1	271115	270792	274901	272269	0.84	cps
Terbium	159-1	13435901	12702096	13040739	13059579	2.81	cps
Terbium	159-2	8409974	8303621	8310325	8341307	0.71	cps
Thallium	203-1	2870	3060	3117	3016	4.28	cps
Thallium	205-1	7145	7459	7022	7209	3.12	cps
Tin	118-1	29367	31087	29838	30097	2.95	cps
Titanium	47-1	1814291	1826274	1798358	1812974	0.77	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-20	Instrumnet Name :	P7
Client Sample ID :	MYDA41	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:37:16	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29159	28156	28617	28644	1.75	cps
Vanadium	51-2	1767054	1740013	1738199	1748422	0.92	cps
Yttrium	89-1	20855018	19806261	20157292	20272857	2.63	cps
Yttrium	89-2	4971931	4944070	4963975	4959992	0.29	cps
Zinc	66-2	363427	360946	357867	360747	0.77	cps
Zirconium	90-1	152802	157384	155628	155272	1.49	cps
Zirconium	91-1	33365	35162	34865	34464	2.80	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-21	Instrumnet Name :	P7
Client Sample ID :	MYDBB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:40:21	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19229909	19466958	19661709	19452859	1.11	cps
Antimony	121-1	76546	79046	77624	77739	1.61	cps
Arsenic	75-2	112573	110064	112594	111743	1.30	cps
Barium	135-1	2351511	2465062	2444776	2420450	2.50	cps
Barium	137-1	4040455	4140392	4178237	4119695	1.73	cps
Beryllium	9-1	5356	5269	5320	5315	0.82	cps
Bismuth	209-1	7935095	7818943	7978967	7911002	1.05	cps
Bismuth	209-2	5715142	5829191	5874312	5806215	1.41	cps
Bromine	81-1	14948	14881	14631	14820	1.13	cps
Bromine	81-2	1040	1063	887	997	9.63	cps
Cadmium	108-1	3821	3504	3697	3674	4.35	cps
Cadmium	106-1	9140	8946	9200	9095	1.46	cps
Cadmium	111-1	49084	50732	50547	50121	1.80	cps
Calcium	43-1	1836252	1879217	1820338	1845269	1.65	cps
Calcium	44-1	29493352	30184665	30060675	29912897	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	788627	784009	787364	786667	0.30	cps
Cobalt	59-2	551362	546121	551734	549739	0.57	cps
Copper	63-2	14868579	15060016	15013738	14980777	0.67	cps
Dysprosium	156-1	125371	127476	128364	127070	1.21	cps
Dysprosium	156-2	104039	104469	106399	104969	1.20	cps
Erbium	164-1	91322	92984	92239	92182	0.90	cps
Erbium	164-2	61464	60239	61083	60929	1.03	cps
Gadolinium	160-1	112897	113801	113495	113398	0.41	cps
Gadolinium	160-2	79253	78773	79527	79184	0.48	cps
Holmium	165-1	12604131	12828751	12934054	12788979	1.32	cps
Holmium	165-2	8421728	8371917	8243623	8345756	1.10	cps
Indium	115-1	10606243	10887322	10852532	10782032	1.42	cps
Indium	115-2	3586966	3620013	3609019	3605333	0.47	cps
Iron	56-2	518434059	522554086	523948672	521645606	0.55	cps
Iron	57-2	12623854	12829621	12934965	12796146	1.24	cps
Iron	54-2	28778265	28668166	28654705	28700378	0.24	cps
Krypton	83-1	487	500	403	463	11.31	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-21	Instrumnet Name :	P7
Client Sample ID :	MYDBB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:40:21	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4422515	4443320	4429763	4431866	0.24	cps
Lead	207-1	4047221	3978065	3992988	4006091	0.91	cps
Lead	208-1	18083605	17878692	17952333	17971544	0.58	cps
Lithium	6-1	1512720	1515570	1464893	1497728	1.90	cps
Magnesium	24-2	16529724	16739832	17114281	16794612	1.76	cps
Manganese	55-2	10932488	10782749	10910650	10875296	0.74	cps
Molybdenum	94-1	156491	161979	161975	160148	1.98	cps
Molybdenum	95-1	13710	13967	13646	13774	1.23	cps
Molybdenum	96-1	43916	45297	44906	44706	1.59	cps
Molybdenum	97-1	8322	8049	8559	8310	3.07	cps
Molybdenum	98-1	20898	21840	21326	21355	2.21	cps
Neodymium	150-1	269661	270797	274076	271511	0.84	cps
Neodymium	150-2	152000	151205	151363	151523	0.28	cps
Nickel	60-2	414366	414458	418561	415795	0.58	cps
Phosphorus	31-2	91575	91686	91179	91480	0.29	cps
Potassium	39-2	8004963	8196607	8075295	8092288	1.20	cps
Rhodium	103-1	10397693	10605988	10473873	10492518	1.00	cps
Rhodium	103-2	6302620	6330692	6358466	6330593	0.44	cps
Scandium	45-1	7694877	7643264	7802084	7713408	1.05	cps
Scandium	45-2	728048	736566	733192	732602	0.59	cps
Selenium	82-1	1659	1683	1726	1689	2.02	cps
Selenium	77-2	660	737	617	671	9.05	cps
Selenium	78-2	1017	1157	1140	1104	6.92	cps
Silicon	28-1	28851129	29399474	29820323	29356975	1.66	cps
Silver	107-1	89840	90788	90513	90380	0.54	cps
Silver	109-1	84739	85001	86778	85506	1.30	cps
Sodium	23-2	595172	597269	603862	598768	0.76	cps
Strontium	86-1	1106205	1126323	1126746	1119758	1.05	cps
Strontium	88-1	9819145	9793732	9984715	9865864	1.05	cps
Sulfur	34-1	389654	400862	402185	397567	1.73	cps
Terbium	159-1	13094347	13153176	13103210	13116911	0.24	cps
Terbium	159-2	8364064	8303978	8382072	8350038	0.49	cps
Thallium	203-1	6025	6058	6632	6238	5.47	cps
Thallium	205-1	15085	14938	14741	14922	1.16	cps
Tin	118-1	106534	107538	108270	107447	0.81	cps
Titanium	47-1	4335620	4340013	4450764	4375466	1.49	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4295-21	Instrumnet Name :	P7
Client Sample ID :	MYDBB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:40:21	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50559	50894	50636	50696	0.35	cps
Vanadium	51-2	929195	925658	934471	929774	0.48	cps
Yttrium	89-1	20959513	20976778	21207043	21047778	0.66	cps
Yttrium	89-2	5226437	5164718	5267339	5219498	0.99	cps
Zinc	66-2	1575477	1557806	1539371	1557551	1.16	cps
Zirconium	90-1	407463	429222	427206	421297	2.85	cps
Zirconium	91-1	91695	94255	96022	93991	2.31	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BL	Instrumnet Name :	P7
Client Sample ID :	PBS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:43:24	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1677	1523	1523	1575	5.62	cps
Antimony	121-1	120	120	177	139	23.56	cps
Arsenic	75-2	23	27	13	21	32.88	cps
Barium	135-1	303	263	233	267	13.17	cps
Barium	137-1	483	423	340	416	17.32	cps
Beryllium	9-1	24	24	37	28	27.28	cps
Bismuth	209-1	7674196	7616693	7663478	7651455	0.40	cps
Bismuth	209-2	5735371	5855102	5609021	5733165	2.15	cps
Bromine	81-1	11778	11768	11698	11748	0.37	cps
Bromine	81-2	97	93	93	94	2.04	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Cadmium	106-1	3564	3660	3324	3516	4.93	cps
Cadmium	111-1	2492	2580	2327	2466	5.20	cps
Calcium	43-1	647	607	620	624	3.26	cps
Calcium	44-1	31117	31050	30863	31010	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1667	1687	1473	1609	7.32	cps
Cobalt	59-2	93	93	87	91	4.22	cps
Copper	63-2	3617	3470	3370	3486	3.56	cps
Dysprosium	156-1	27	20	17	21	24.12	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	87	57	100	81	27.36	cps
Erbium	164-2	73	67	73	71	5.41	cps
Gadolinium	160-1	53	80	67	67	20.00	cps
Gadolinium	160-2	297	237	273	269	11.25	cps
Holmium	165-1	12852446	12419907	12564309	12612221	1.75	cps
Holmium	165-2	8443384	8483111	8374814	8433770	0.65	cps
Indium	115-1	11010435	11013965	10854588	10959663	0.83	cps
Indium	115-2	3719447	3696941	3717863	3711417	0.34	cps
Iron	56-2	40307	38743	38008	39019	3.01	cps
Iron	57-2	2687	2724	2900	2770	4.12	cps
Iron	54-2	3741	3344	3660	3582	5.86	cps
Krypton	83-1	373	350	367	363	3.31	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BL	Instrumnet Name :	P7
Client Sample ID :	PBS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:43:24	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1347	1190	1143	1227	8.68	cps
Lead	207-1	950	1070	923	981	7.96	cps
Lead	208-1	4894	4927	4427	4749	5.89	cps
Lithium	6-1	1504781	1493092	1560762	1519545	2.38	cps
Magnesium	24-2	1940	1800	1943	1895	4.32	cps
Manganese	55-2	1347	1297	1203	1282	5.67	cps
Molybdenum	94-1	383	290	367	347	14.36	cps
Molybdenum	95-1	147	177	153	159	9.91	cps
Molybdenum	96-1	213	257	203	224	12.63	cps
Molybdenum	97-1	73	107	80	87	20.36	cps
Molybdenum	98-1	250	213	197	220	12.40	cps
Neodymium	150-1	47	27	17	30	50.91	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	280	260	300	280	7.14	cps
Phosphorus	31-2	253	233	260	249	5.58	cps
Potassium	39-2	99593	99747	99633	99658	0.08	cps
Rhodium	103-1	10763857	10709187	10733645	10735563	0.26	cps
Rhodium	103-2	6601833	6578480	6413750	6531354	1.57	cps
Scandium	45-1	7450417	7250970	7420833	7374073	1.46	cps
Scandium	45-2	686856	685149	680600	684202	0.47	cps
Selenium	82-1	465	509	491	489	4.56	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	510	477	553	513	7.49	cps
Silicon	28-1	354985	353622	354569	354392	0.20	cps
Silver	107-1	283	273	207	254	16.38	cps
Silver	109-1	250	210	253	238	10.14	cps
Sodium	23-2	85650	83806	83960	84472	1.21	cps
Strontium	86-1	610	693	600	634	8.08	cps
Strontium	88-1	1183	1060	1093	1112	5.74	cps
Sulfur	34-1	225475	222455	222814	223581	0.74	cps
Terbium	159-1	13030468	13022244	12958571	13003761	0.30	cps
Terbium	159-2	8248097	8285295	8349099	8294164	0.62	cps
Thallium	203-1	190	200	203	198	3.51	cps
Thallium	205-1	393	367	490	417	15.58	cps
Tin	118-1	2017	2297	2207	2174	6.58	cps
Titanium	47-1	453	457	560	490	12.38	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BL	Instrumnet Name :	P7
Client Sample ID :	PBS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:43:24	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	43	23	30	38.49	cps
Vanadium	51-2	90	97	103	97	6.89	cps
Yttrium	89-1	19544973	19436353	19377812	19453046	0.44	cps
Yttrium	89-2	4999073	4911793	4871461	4927442	1.32	cps
Zinc	66-2	3170	2990	3034	3065	3.07	cps
Zirconium	90-1	827	827	663	772	12.21	cps
Zirconium	91-1	147	200	180	176	15.35	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BS	Instrumnet Name :	P7
Client Sample ID :	LCS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:46:41	DataFile Name :	047LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13419	13586	13293	13433	1.10	cps
Antimony	121-1	44031	44599	44692	44441	0.81	cps
Arsenic	75-2	1453	1480	1373	1436	3.87	cps
Barium	135-1	54259	53410	53771	53813	0.79	cps
Barium	137-1	93481	92891	92609	92994	0.48	cps
Beryllium	9-1	4174	4131	3997	4101	2.25	cps
Bismuth	209-1	7728765	7657505	7533902	7640057	1.29	cps
Bismuth	209-2	5824259	5787630	5784008	5798632	0.38	cps
Bromine	81-1	11761	11571	11448	11594	1.36	cps
Bromine	81-2	87	107	73	89	18.88	cps
Cadmium	108-1	507	503	507	506	0.38	cps
Cadmium	106-1	4387	4241	4091	4240	3.50	cps
Cadmium	111-1	9712	9958	9577	9749	1.98	cps
Calcium	43-1	36965	37436	37500	37300	0.78	cps
Calcium	44-1	619449	617689	617967	618368	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28190	28554	27916	28220	1.13	cps
Cobalt	59-2	18351	18688	18378	18473	1.01	cps
Copper	63-2	28671	29192	29042	28968	0.93	cps
Dysprosium	156-1	30	30	23	28	13.86	cps
Dysprosium	156-2	27	13	13	18	43.33	cps
Erbium	164-1	113	103	83	100	15.28	cps
Erbium	164-2	53	63	57	58	8.81	cps
Gadolinium	160-1	60	73	57	63	13.92	cps
Gadolinium	160-2	310	253	297	287	10.34	cps
Holmium	165-1	12577539	12330101	12528337	12478659	1.05	cps
Holmium	165-2	8334896	8532923	8471902	8446574	1.20	cps
Indium	115-1	10903685	10917622	10935763	10919023	0.15	cps
Indium	115-2	3761362	3667827	3723898	3717696	1.27	cps
Iron	56-2	2018184	2020883	2013324	2017464	0.19	cps
Iron	57-2	54810	54331	55090	54744	0.70	cps
Iron	54-2	120541	120716	120236	120497	0.20	cps
Krypton	83-1	313	277	347	312	11.21	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BS	Instrumnet Name :	P7
Client Sample ID :	LCS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:46:41	DataFile Name :	047LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15946	16013	15459	15806	1.91	cps
Lead	207-1	14458	13954	14374	14262	1.89	cps
Lead	208-1	64253	64086	63298	63879	0.80	cps
Lithium	6-1	1605943	1590279	1591329	1595850	0.55	cps
Magnesium	24-2	584048	580232	579442	581241	0.42	cps
Manganese	55-2	9687	9810	9743	9747	0.63	cps
Molybdenum	94-1	51226	52256	51554	51679	1.02	cps
Molybdenum	95-1	61549	61461	61759	61590	0.25	cps
Molybdenum	96-1	69444	68580	67672	68565	1.29	cps
Molybdenum	97-1	38397	38955	38748	38700	0.73	cps
Molybdenum	98-1	97231	98801	98311	98114	0.82	cps
Neodymium	150-1	7	23	33	21	63.80	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	5191	4978	5071	5080	2.11	cps
Phosphorus	31-2	200	260	297	252	19.35	cps
Potassium	39-2	804824	801877	801037	802579	0.25	cps
Rhodium	103-1	11034015	10765437	10770437	10856630	1.42	cps
Rhodium	103-2	6541881	6487702	6511985	6513856	0.42	cps
Scandium	45-1	7288681	7313556	7276391	7292876	0.26	cps
Scandium	45-2	681140	681655	682325	681707	0.09	cps
Selenium	82-1	2620	2750	2489	2620	4.97	cps
Selenium	77-2	223	190	183	199	10.78	cps
Selenium	78-2	1200	1233	1120	1185	4.92	cps
Silicon	28-1	482887	484119	480600	482535	0.37	cps
Silver	107-1	28227	29189	28869	28762	1.70	cps
Silver	109-1	26377	26594	27206	26726	1.61	cps
Sodium	23-2	1012035	1008611	1008673	1009773	0.19	cps
Strontium	86-1	8953	8796	8676	8808	1.58	cps
Strontium	88-1	71747	72746	72015	72169	0.72	cps
Sulfur	34-1	230425	231941	234427	232264	0.87	cps
Terbium	159-1	12957519	12919665	12683525	12853570	1.16	cps
Terbium	159-2	8411195	8466362	8271775	8383111	1.20	cps
Thallium	203-1	17755	17785	17899	17813	0.42	cps
Thallium	205-1	42767	41958	41761	42162	1.27	cps
Tin	118-1	2350	2274	2497	2374	4.78	cps
Titanium	47-1	18061	18361	17954	18125	1.16	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BS	Instrumnet Name :	P7
Client Sample ID :	LCS085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:46:41	DataFile Name :	047LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52630	53022	53370	53007	0.70	cps
Vanadium	51-2	51916	52672	51986	52191	0.80	cps
Yttrium	89-1	19577170	19500387	19382931	19486829	0.50	cps
Yttrium	89-2	4899093	4838531	4833983	4857203	0.75	cps
Zinc	66-2	11631	11972	11708	11770	1.52	cps
Zirconium	90-1	43681	45139	44437	44419	1.64	cps
Zirconium	91-1	9857	9893	9623	9791	1.50	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:50:01	DataFile Name :	048LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7722	8116	8199	8012	3.18	cps
Antimony	121-1	25696	25743	25847	25762	0.30	cps
Arsenic	75-2	833	810	827	823	1.46	cps
Barium	135-1	31411	31742	31735	31630	0.60	cps
Barium	137-1	54775	54009	54166	54316	0.75	cps
Beryllium	9-1	2332	2507	2562	2467	4.88	cps
Bismuth	209-1	7664019	7582311	7608826	7618385	0.55	cps
Bismuth	209-2	5766672	5883094	5910462	5853410	1.30	cps
Bromine	81-1	11842	11655	11878	11791	1.02	cps
Bromine	81-2	77	130	77	94	32.60	cps
Cadmium	108-1	267	273	287	276	3.70	cps
Cadmium	106-1	3957	3891	3600	3816	4.97	cps
Cadmium	111-1	6617	6509	6340	6489	2.15	cps
Calcium	43-1	21355	22069	21712	21712	1.64	cps
Calcium	44-1	372900	374587	374689	374059	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16796	17170	16359	16775	2.42	cps
Cobalt	59-2	10847	10677	10677	10734	0.92	cps
Copper	63-2	18785	17968	18635	18463	2.36	cps
Dysprosium	156-1	13	27	23	21	32.88	cps
Dysprosium	156-2	0	3	17	7	132.33	cps
Erbium	164-1	93	87	107	96	10.66	cps
Erbium	164-2	73	80	47	67	26.45	cps
Gadolinium	160-1	30	60	77	56	42.57	cps
Gadolinium	160-2	297	300	337	311	7.13	cps
Holmium	165-1	12563241	12521150	12576471	12553621	0.23	cps
Holmium	165-2	8410348	8536773	8446167	8464429	0.77	cps
Indium	115-1	10910656	10841410	10880446	10877504	0.32	cps
Indium	115-2	3745621	3693765	3652358	3697248	1.26	cps
Iron	56-2	1249288	1246701	1248868	1248286	0.11	cps
Iron	57-2	32976	32973	32876	32942	0.17	cps
Iron	54-2	70906	71104	70260	70756	0.62	cps
Krypton	83-1	293	330	360	328	10.19	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:50:01	DataFile Name :	048LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9210	9347	9553	9370	1.85	cps
Lead	207-1	8416	8306	7816	8179	3.91	cps
Lead	208-1	37784	37026	37120	37310	1.11	cps
Lithium	6-1	1668095	1630489	1636671	1645085	1.23	cps
Magnesium	24-2	339761	340981	338447	339730	0.37	cps
Manganese	55-2	6248	6328	6091	6222	1.94	cps
Molybdenum	94-1	30194	30402	29837	30144	0.95	cps
Molybdenum	95-1	36305	36659	36235	36400	0.63	cps
Molybdenum	96-1	40008	40432	39924	40122	0.68	cps
Molybdenum	97-1	21947	22674	22077	22233	1.75	cps
Molybdenum	98-1	56576	56920	57376	56957	0.70	cps
Neodymium	150-1	13	7	10	10	33.30	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	3587	3547	3614	3583	0.94	cps
Phosphorus	31-2	253	237	250	247	3.58	cps
Potassium	39-2	500854	505310	500140	502101	0.56	cps
Rhodium	103-1	10827300	10882637	10588284	10766074	1.45	cps
Rhodium	103-2	6452963	6413118	6457332	6441138	0.38	cps
Scandium	45-1	7362886	7327710	7216621	7302406	1.05	cps
Scandium	45-2	678678	677785	671053	675839	0.62	cps
Selenium	82-1	1906	1768	1830	1835	3.76	cps
Selenium	77-2	133	123	153	137	11.18	cps
Selenium	78-2	843	953	823	873	8.02	cps
Silicon	28-1	422410	423534	424397	423447	0.24	cps
Silver	107-1	16466	16593	16786	16615	0.97	cps
Silver	109-1	15171	15979	15849	15666	2.77	cps
Sodium	23-2	611938	613877	605886	610567	0.68	cps
Strontium	86-1	5288	5411	5288	5329	1.34	cps
Strontium	88-1	42755	41983	42083	42274	0.99	cps
Sulfur	34-1	237054	242630	244905	241529	1.67	cps
Terbium	159-1	13035651	13130869	12896400	13020973	0.91	cps
Terbium	159-2	8307076	8391535	8544605	8414405	1.43	cps
Thallium	203-1	9964	10724	10384	10357	3.68	cps
Thallium	205-1	24903	24599	24903	24802	0.71	cps
Tin	118-1	2217	2460	2374	2350	5.25	cps
Titanium	47-1	10924	10450	10724	10699	2.22	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164085BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD085	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:50:01	DataFile Name :	048LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31287	31474	30588	31116	1.50	cps
Vanadium	51-2	30414	30347	30160	30307	0.43	cps
Yttrium	89-1	19442238	18938408	19123550	19168065	1.33	cps
Yttrium	89-2	4868038	4898180	4777806	4848008	1.29	cps
Zinc	66-2	7185	7022	7155	7121	1.22	cps
Zirconium	90-1	26080	25870	25859	25936	0.48	cps
Zirconium	91-1	5988	5568	5611	5722	4.04	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BL	Instrumnet Name :	P7
Client Sample ID :	PBS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:53:19	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	553	493	543	530	6.06	cps
Antimony	121-1	173	147	207	176	17.12	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	227	250	260	246	6.97	cps
Barium	137-1	487	433	420	447	7.90	cps
Beryllium	9-1	40	20	17	26	48.82	cps
Bismuth	209-1	7738547	7582956	7568513	7630005	1.24	cps
Bismuth	209-2	5945801	5942638	5812375	5900271	1.29	cps
Bromine	81-1	11588	11831	12098	11839	2.16	cps
Bromine	81-2	73	87	80	80	8.34	cps
Cadmium	108-1	17	10	17	14	26.66	cps
Cadmium	106-1	3504	3524	3474	3500	0.72	cps
Cadmium	111-1	2451	2473	2433	2452	0.81	cps
Calcium	43-1	533	583	457	524	12.17	cps
Calcium	44-1	28418	28298	29407	28708	2.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1470	1497	1527	1498	1.89	cps
Cobalt	59-2	140	113	123	126	10.73	cps
Copper	63-2	2724	2730	2764	2739	0.78	cps
Dysprosium	156-1	13	17	10	13	25.01	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	90	77	83	83	8.00	cps
Erbium	164-2	53	70	47	57	21.21	cps
Gadolinium	160-1	67	63	47	59	18.19	cps
Gadolinium	160-2	257	280	283	273	5.32	cps
Holmium	165-1	12597249	12596639	12726649	12640179	0.59	cps
Holmium	165-2	8387034	8451047	8498266	8445449	0.66	cps
Indium	115-1	10975647	10951915	11002756	10976773	0.23	cps
Indium	115-2	3722623	3670820	3716203	3703215	0.76	cps
Iron	56-2	22981	23512	23692	23395	1.58	cps
Iron	57-2	2257	2497	2367	2374	5.06	cps
Iron	54-2	2890	2730	2640	2754	4.60	cps
Krypton	83-1	320	307	350	326	6.82	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BL	Instrumnet Name :	P7
Client Sample ID :	PBS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:53:19	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	687	687	723	699	3.03	cps
Lead	207-1	597	550	557	568	4.45	cps
Lead	208-1	2727	2587	2623	2646	2.74	cps
Lithium	6-1	1649517	1634356	1637378	1640417	0.49	cps
Magnesium	24-2	1300	1460	1337	1366	6.14	cps
Manganese	55-2	827	800	803	810	1.79	cps
Molybdenum	94-1	337	393	390	373	8.52	cps
Molybdenum	95-1	153	200	163	172	14.26	cps
Molybdenum	96-1	190	210	210	203	5.68	cps
Molybdenum	97-1	110	93	97	100	8.82	cps
Molybdenum	98-1	217	243	253	238	7.97	cps
Neodymium	150-1	3	10	13	9	57.30	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	263	230	313	269	15.60	cps
Phosphorus	31-2	187	213	200	200	6.67	cps
Potassium	39-2	93924	94293	94927	94381	0.54	cps
Rhodium	103-1	10842547	10634112	10718363	10731674	0.98	cps
Rhodium	103-2	6642853	6502247	6445103	6530068	1.56	cps
Scandium	45-1	7295885	7255832	7281646	7277788	0.28	cps
Scandium	45-2	678328	679231	676254	677938	0.23	cps
Selenium	82-1	495	543	525	521	4.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	487	427	450	454	6.66	cps
Silicon	28-1	340223	341603	344482	342103	0.64	cps
Silver	107-1	283	223	197	234	18.93	cps
Silver	109-1	243	200	177	207	16.37	cps
Sodium	23-2	62362	62747	62784	62631	0.37	cps
Strontium	86-1	573	633	590	599	5.17	cps
Strontium	88-1	963	893	887	914	4.64	cps
Sulfur	34-1	251873	251812	254520	252735	0.61	cps
Terbium	159-1	12853326	12968711	12891556	12904531	0.46	cps
Terbium	159-2	8600486	8346451	8361323	8436087	1.69	cps
Thallium	203-1	167	197	160	174	11.20	cps
Thallium	205-1	420	403	427	417	2.89	cps
Tin	118-1	2177	2220	2037	2145	4.47	cps
Titanium	47-1	177	233	200	203	14.01	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BL	Instrumnet Name :	P7
Client Sample ID :	PBS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:53:19	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	27	40	34	20.14	cps
Vanadium	51-2	43	43	23	37	31.49	cps
Yttrium	89-1	19420083	19280473	19289308	19329955	0.40	cps
Yttrium	89-2	4834342	4812986	4793081	4813470	0.43	cps
Zinc	66-2	1120	1187	1173	1160	3.04	cps
Zirconium	90-1	803	783	793	793	1.26	cps
Zirconium	91-1	127	147	163	146	12.61	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BS	Instrumnet Name :	P7
Client Sample ID :	LCS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:56:39	DataFile Name :	050LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13152	13049	13002	13068	0.59	cps
Antimony	121-1	43165	44960	44933	44353	2.32	cps
Arsenic	75-2	1377	1530	1380	1429	6.13	cps
Barium	135-1	53373	54049	53487	53636	0.67	cps
Barium	137-1	93404	93025	92498	92976	0.49	cps
Beryllium	9-1	4169	4310	4224	4234	1.68	cps
Bismuth	209-1	7800899	7533341	7654653	7662964	1.75	cps
Bismuth	209-2	5842053	5897538	5906799	5882130	0.60	cps
Bromine	81-1	12072	12038	11895	12002	0.78	cps
Bromine	81-2	70	67	80	72	9.61	cps
Cadmium	108-1	577	503	580	553	7.83	cps
Cadmium	106-1	4574	4377	4307	4420	3.13	cps
Cadmium	111-1	10627	10607	10475	10570	0.78	cps
Calcium	43-1	36668	37376	36868	36971	0.99	cps
Calcium	44-1	614991	620089	623818	619633	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28213	27776	27986	27992	0.78	cps
Cobalt	59-2	18038	18608	18241	18296	1.58	cps
Copper	63-2	29272	28961	28554	28929	1.25	cps
Dysprosium	156-1	27	33	23	28	18.33	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	83	90	87	87	3.85	cps
Erbium	164-2	67	43	47	52	24.17	cps
Gadolinium	160-1	73	53	43	57	26.96	cps
Gadolinium	160-2	317	297	313	309	3.47	cps
Holmium	165-1	12665991	12515946	12419525	12533820	0.99	cps
Holmium	165-2	8464258	8556561	8517291	8512703	0.54	cps
Indium	115-1	11119842	10873829	10758858	10917509	1.69	cps
Indium	115-2	3730749	3665008	3705337	3700365	0.90	cps
Iron	56-2	2032982	2025659	2022708	2027116	0.26	cps
Iron	57-2	54736	55147	54375	54753	0.71	cps
Iron	54-2	121770	120003	118885	120219	1.21	cps
Krypton	83-1	323	320	350	331	4.97	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BS	Instrumnet Name :	P7
Client Sample ID :	LCS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:56:39	DataFile Name :	050LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14374	15002	15088	14821	2.63	cps
Lead	207-1	12946	13600	13043	13197	2.67	cps
Lead	208-1	59606	60476	60049	60044	0.72	cps
Lithium	6-1	1654070	1712301	1713469	1693280	2.01	cps
Magnesium	24-2	582377	584373	577345	581365	0.62	cps
Manganese	55-2	9616	9483	9927	9675	2.35	cps
Molybdenum	94-1	51711	51892	51611	51738	0.28	cps
Molybdenum	95-1	60963	62208	61773	61648	1.02	cps
Molybdenum	96-1	68623	68918	68476	68672	0.33	cps
Molybdenum	97-1	38083	37585	38838	38169	1.65	cps
Molybdenum	98-1	98076	98778	99392	98749	0.67	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	5224	5214	5104	5181	1.29	cps
Phosphorus	31-2	227	210	233	223	5.38	cps
Potassium	39-2	797374	794122	786519	792671	0.70	cps
Rhodium	103-1	10784034	10734908	10681186	10733376	0.48	cps
Rhodium	103-2	6484193	6448857	6387713	6440255	0.76	cps
Scandium	45-1	7393492	7307810	7285444	7328915	0.78	cps
Scandium	45-2	679599	671121	666841	672520	0.97	cps
Selenium	82-1	2558	2696	2731	2662	3.42	cps
Selenium	77-2	203	213	167	194	12.64	cps
Selenium	78-2	1123	1140	1147	1137	1.06	cps
Silicon	28-1	478556	477810	477318	477895	0.13	cps
Silver	107-1	28695	28892	29049	28879	0.61	cps
Silver	109-1	26291	26498	27683	26824	2.80	cps
Sodium	23-2	1001056	996425	990595	996025	0.53	cps
Strontium	86-1	8909	8683	8873	8822	1.38	cps
Strontium	88-1	71603	72534	72350	72162	0.68	cps
Sulfur	34-1	270097	274999	277503	274200	1.37	cps
Terbium	159-1	12969030	12951210	12802121	12907454	0.71	cps
Terbium	159-2	8557918	8508291	8419813	8495341	0.82	cps
Thallium	203-1	17992	17855	17705	17851	0.80	cps
Thallium	205-1	42690	42469	42118	42426	0.68	cps
Tin	118-1	2997	2807	2944	2916	3.36	cps
Titanium	47-1	18184	18632	17967	18261	1.85	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BS	Instrumnet Name :	P7
Client Sample ID :	LCS090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:56:39	DataFile Name :	050LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	54324	52928	53339	53530	1.34	cps
Vanadium	51-2	52390	52196	51511	52033	0.89	cps
Yttrium	89-1	19446460	19305317	19376296	19376024	0.36	cps
Yttrium	89-2	4906983	4834211	4770063	4837086	1.42	cps
Zinc	66-2	11745	11715	11808	11756	0.41	cps
Zirconium	90-1	43715	44932	43825	44157	1.52	cps
Zirconium	91-1	10084	9933	10070	10029	0.83	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:59:56	DataFile Name :	051LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7735	7805	7929	7823	1.25	cps
Antimony	121-1	25850	25903	25419	25724	1.03	cps
Arsenic	75-2	893	937	943	924	2.94	cps
Barium	135-1	31137	30990	31912	31347	1.58	cps
Barium	137-1	53126	55026	53674	53942	1.81	cps
Beryllium	9-1	2289	2529	2428	2416	4.99	cps
Bismuth	209-1	7558252	7508949	7489364	7518855	0.47	cps
Bismuth	209-2	5836767	5772749	5817100	5808872	0.56	cps
Bromine	81-1	11835	11925	11508	11756	1.87	cps
Bromine	81-2	57	90	87	78	23.60	cps
Cadmium	108-1	233	293	263	263	11.39	cps
Cadmium	106-1	4324	3811	3977	4037	6.49	cps
Cadmium	111-1	6884	6483	6504	6623	3.41	cps
Calcium	43-1	21155	21198	21302	21218	0.36	cps
Calcium	44-1	364949	365762	366386	365699	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16259	16289	16132	16227	0.51	cps
Cobalt	59-2	10597	10734	10454	10595	1.32	cps
Copper	63-2	19159	18855	18525	18846	1.68	cps
Dysprosium	156-1	13	40	23	26	52.73	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	93	70	103	89	19.25	cps
Erbium	164-2	57	43	57	52	14.75	cps
Gadolinium	160-1	80	47	43	57	35.78	cps
Gadolinium	160-2	290	297	257	281	7.62	cps
Holmium	165-1	12477686	12419582	12351813	12416361	0.51	cps
Holmium	165-2	8400435	8171946	8383507	8318629	1.53	cps
Indium	115-1	10718191	10777307	10655937	10717145	0.57	cps
Indium	115-2	3701388	3635322	3676786	3671166	0.91	cps
Iron	56-2	1239416	1242875	1236642	1239644	0.25	cps
Iron	57-2	32716	32873	32642	32743	0.36	cps
Iron	54-2	70390	70373	69935	70233	0.37	cps
Krypton	83-1	327	353	310	330	6.62	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:59:56	DataFile Name :	051LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8776	8766	8906	8816	0.89	cps
Lead	207-1	7532	7939	7789	7753	2.65	cps
Lead	208-1	35145	35562	35535	35414	0.66	cps
Lithium	6-1	1699390	1728029	1665063	1697494	1.86	cps
Magnesium	24-2	336835	336018	332421	335091	0.70	cps
Manganese	55-2	5714	5928	6018	5887	2.65	cps
Molybdenum	94-1	29944	29650	29433	29676	0.86	cps
Molybdenum	95-1	35637	35984	36008	35876	0.58	cps
Molybdenum	96-1	40035	39309	39891	39745	0.97	cps
Molybdenum	97-1	22140	22027	21880	22016	0.59	cps
Molybdenum	98-1	55973	56505	57044	56508	0.95	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	3177	3180	2914	3090	4.95	cps
Phosphorus	31-2	223	263	180	222	18.76	cps
Potassium	39-2	497882	498497	495708	497362	0.29	cps
Rhodium	103-1	10658886	10515578	10666728	10613731	0.80	cps
Rhodium	103-2	6437436	6408452	6362133	6402673	0.59	cps
Scandium	45-1	7219284	7181894	7201430	7200869	0.26	cps
Scandium	45-2	668973	667460	666691	667708	0.17	cps
Selenium	82-1	1754	1836	1717	1769	3.43	cps
Selenium	77-2	113	100	113	109	7.07	cps
Selenium	78-2	823	767	807	799	3.65	cps
Silicon	28-1	419566	417965	419491	419007	0.22	cps
Silver	107-1	16206	16857	17210	16758	3.04	cps
Silver	109-1	15799	15675	15055	15510	2.57	cps
Sodium	23-2	598351	597419	597436	597736	0.09	cps
Strontium	86-1	5464	5238	5581	5428	3.22	cps
Strontium	88-1	41351	42524	41495	41790	1.53	cps
Sulfur	34-1	281532	280103	280094	280576	0.30	cps
Terbium	159-1	12788320	13081767	12568046	12812711	2.01	cps
Terbium	159-2	8316559	8552398	8272132	8380363	1.80	cps
Thallium	203-1	10227	10301	10294	10274	0.39	cps
Thallium	205-1	23788	24285	24616	24229	1.72	cps
Tin	118-1	2180	2157	2194	2177	0.85	cps
Titanium	47-1	10133	11017	10370	10507	4.36	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164090BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD090	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 14:59:56	DataFile Name :	051LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30999	30605	30545	30717	0.80	cps
Vanadium	51-2	29773	29913	29402	29696	0.89	cps
Yttrium	89-1	19190291	19112774	19028379	19110481	0.42	cps
Yttrium	89-2	4821675	4774057	4765156	4786963	0.63	cps
Zinc	66-2	6975	7108	6908	6997	1.46	cps
Zirconium	90-1	25395	25596	25272	25421	0.64	cps
Zirconium	91-1	5881	5831	5735	5816	1.28	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-01	Instrumnet Name :	P7
Client Sample ID :	MYD0W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:03:16	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27660676	27414965	27318157	27464599	0.64	cps
Antimony	121-1	13413	13780	13687	13627	1.40	cps
Arsenic	75-2	126752	126006	126577	126445	0.31	cps
Barium	135-1	499876	505216	502031	502375	0.53	cps
Barium	137-1	854352	872643	869476	865490	1.13	cps
Beryllium	9-1	2169	2245	2315	2243	3.27	cps
Bismuth	209-1	7268508	7262514	7290943	7273988	0.21	cps
Bismuth	209-2	5487542	5507251	5531351	5508714	0.40	cps
Bromine	81-1	15478	16162	15979	15873	2.23	cps
Bromine	81-2	1103	1120	1027	1083	4.60	cps
Cadmium	108-1	237	280	167	228	25.11	cps
Cadmium	106-1	4274	4317	3987	4193	4.28	cps
Cadmium	111-1	3893	3943	3774	3870	2.23	cps
Calcium	43-1	510807	521623	516696	516375	1.05	cps
Calcium	44-1	7774273	7944581	7822645	7847166	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	969776	975005	966557	970446	0.44	cps
Cobalt	59-2	763496	755555	755115	758055	0.62	cps
Copper	63-2	1181450	1174008	1174006	1176488	0.37	cps
Dysprosium	156-1	88614	91194	90469	90093	1.48	cps
Dysprosium	156-2	67046	67592	66486	67041	0.82	cps
Erbium	164-1	86271	86740	86683	86565	0.30	cps
Erbium	164-2	57782	57190	57016	57329	0.70	cps
Gadolinium	160-1	93748	94835	94855	94479	0.67	cps
Gadolinium	160-2	66735	66175	65455	66122	0.97	cps
Holmium	165-1	12525668	12550774	12514021	12530154	0.15	cps
Holmium	165-2	8359297	8390903	8417935	8389378	0.35	cps
Indium	115-1	10677041	10577746	10622841	10625876	0.47	cps
Indium	115-2	3631517	3573827	3629011	3611452	0.90	cps
Iron	56-2	1021433878	1018386491	1011420918	1017080429	0.50	cps
Iron	57-2	24949551	24764763	24717456	24810590	0.49	cps
Iron	54-2	56552592	55630578	55506244	55896471	1.02	cps
Krypton	83-1	503	497	480	493	2.44	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-01	Instrumnet Name :	P7
Client Sample ID :	MYD0W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:03:16	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	79876	82850	82230	81652	1.92	cps
Lead	207-1	69409	70307	69751	69823	0.65	cps
Lead	208-1	316202	323681	321748	320544	1.21	cps
Lithium	6-1	1615350	1569730	1602536	1595872	1.47	cps
Magnesium	24-2	28518367	28254942	28207433	28326914	0.59	cps
Manganese	55-2	12545408	12434175	12416733	12465439	0.56	cps
Molybdenum	94-1	37665	38283	38313	38087	0.96	cps
Molybdenum	95-1	9060	9086	8976	9041	0.63	cps
Molybdenum	96-1	24801	24464	24627	24631	0.68	cps
Molybdenum	97-1	5831	5564	5735	5710	2.37	cps
Molybdenum	98-1	13757	13707	14297	13920	2.35	cps
Neodymium	150-1	121627	124680	122655	122987	1.26	cps
Neodymium	150-2	68995	69085	68110	68730	0.78	cps
Nickel	60-2	268417	266505	267454	267459	0.36	cps
Phosphorus	31-2	36634	36417	36791	36614	0.51	cps
Potassium	39-2	1422575	1400813	1430531	1417973	1.08	cps
Rhodium	103-1	10364586	10170836	10282545	10272656	0.95	cps
Rhodium	103-2	6238423	6250231	6265214	6251289	0.21	cps
Scandium	45-1	8254106	8458920	8341133	8351386	1.23	cps
Scandium	45-2	786959	777284	776798	780347	0.73	cps
Selenium	82-1	725	838	836	800	8.08	cps
Selenium	77-2	410	343	363	372	9.19	cps
Selenium	78-2	797	760	660	739	9.57	cps
Silicon	28-1	24212672	24109522	24014931	24112375	0.41	cps
Silver	107-1	2957	2410	2084	2484	17.77	cps
Silver	109-1	2800	1840	1957	2199	23.82	cps
Sodium	23-2	215470	214483	213902	214618	0.37	cps
Strontium	86-1	307126	314404	312122	311217	1.20	cps
Strontium	88-1	2747057	2749087	2709783	2735309	0.81	cps
Sulfur	34-1	252294	248533	250243	250357	0.75	cps
Terbium	159-1	12880665	12811021	12884871	12858852	0.32	cps
Terbium	159-2	8486246	8228250	8257711	8324069	1.70	cps
Thallium	203-1	1120	1133	1287	1180	7.85	cps
Thallium	205-1	2574	2700	2980	2751	7.56	cps
Tin	118-1	39200	41283	41621	40701	3.22	cps
Titanium	47-1	1086255	1097649	1095326	1093077	0.55	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-01	Instrumnet Name :	P7
Client Sample ID :	MYD0W8	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:03:16	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16877	17168	16857	16968	1.02	cps
Vanadium	51-2	2611133	2633931	2589038	2611367	0.86	cps
Yttrium	89-1	20846166	21093891	20563066	20834374	1.27	cps
Yttrium	89-2	5156975	5186677	5186775	5176809	0.33	cps
Zinc	66-2	268930	272367	269720	270339	0.67	cps
Zirconium	90-1	89424	93043	90624	91030	2.03	cps
Zirconium	91-1	20271	20785	20548	20535	1.25	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-02	Instrumnet Name :	P7
Client Sample ID :	MYD0W9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:06:24	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24556860	24123332	23858684	24179625	1.46	cps
Antimony	121-1	134536	137699	136693	136310	1.19	cps
Arsenic	75-2	115586	114934	114578	115032	0.44	cps
Barium	135-1	454118	462797	464671	460529	1.22	cps
Barium	137-1	795847	809825	804407	803360	0.88	cps
Beryllium	9-1	1785	1784	1923	1831	4.36	cps
Bismuth	209-1	7305324	7356209	7299954	7320496	0.42	cps
Bismuth	209-2	5492183	5488561	5624381	5535042	1.40	cps
Bromine	81-1	15602	15595	15625	15607	0.10	cps
Bromine	81-2	1213	1217	1130	1187	4.14	cps
Cadmium	108-1	213	197	187	199	6.77	cps
Cadmium	106-1	4064	4281	4101	4148	2.80	cps
Cadmium	111-1	3619	3652	3546	3606	1.50	cps
Calcium	43-1	406062	413088	415313	411488	1.17	cps
Calcium	44-1	6208331	6295457	6299685	6267824	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	716836	713168	705776	711927	0.79	cps
Cobalt	59-2	676536	671302	670787	672875	0.47	cps
Copper	63-2	886682	881271	880822	882925	0.37	cps
Dysprosium	156-1	94116	93385	95318	94273	1.04	cps
Dysprosium	156-2	69712	70898	70268	70293	0.84	cps
Erbium	164-1	85285	86322	86321	85976	0.70	cps
Erbium	164-2	57233	56912	56999	57048	0.29	cps
Gadolinium	160-1	97231	100595	99386	99071	1.72	cps
Gadolinium	160-2	68969	69414	70413	69599	1.06	cps
Holmium	165-1	12511809	12684978	12553976	12583588	0.72	cps
Holmium	165-2	8423120	8341244	8278108	8347491	0.87	cps
Indium	115-1	10576481	10673119	10618108	10622569	0.46	cps
Indium	115-2	3570203	3579335	3525535	3558357	0.81	cps
Iron	56-2	897679080	899746173	884382200	893935818	0.93	cps
Iron	57-2	22025926	21719399	21920260	21888528	0.71	cps
Iron	54-2	49704369	49714818	48543906	49321031	1.36	cps
Krypton	83-1	503	510	473	496	3.94	cps

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LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-02	Instrumnet Name :	P7
Client Sample ID :	MYD0W9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:06:24	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	60655	60926	61602	61061	0.80	cps
Lead	207-1	52595	52782	53301	52892	0.69	cps
Lead	208-1	238467	241294	242870	240877	0.93	cps
Lithium	6-1	1578804	1505071	1539762	1541212	2.39	cps
Magnesium	24-2	23867428	24046164	23777759	23897117	0.57	cps
Manganese	55-2	13231241	13142201	12874388	13082610	1.42	cps
Molybdenum	94-1	30552	32202	31487	31414	2.63	cps
Molybdenum	95-1	10160	10677	10367	10402	2.50	cps
Molybdenum	96-1	22968	24207	24180	23785	2.97	cps
Molybdenum	97-1	6288	6748	6281	6439	4.16	cps
Molybdenum	98-1	15655	15852	16202	15903	1.74	cps
Neodymium	150-1	139025	138874	139728	139209	0.33	cps
Neodymium	150-2	78152	77827	76543	77507	1.10	cps
Nickel	60-2	217833	218108	217177	217706	0.22	cps
Phosphorus	31-2	28266	27805	27909	27993	0.86	cps
Potassium	39-2	1545964	1519035	1502718	1522572	1.43	cps
Rhodium	103-1	10421502	10456276	10470680	10449486	0.24	cps
Rhodium	103-2	6241616	6210772	6225685	6226024	0.25	cps
Scandium	45-1	8185227	8176160	8112522	8157970	0.49	cps
Scandium	45-2	771102	768936	768514	769517	0.18	cps
Selenium	82-1	691	774	745	737	5.76	cps
Selenium	77-2	480	387	433	433	10.77	cps
Selenium	78-2	680	700	730	703	3.58	cps
Silicon	28-1	25805260	26021612	26071456	25966109	0.54	cps
Silver	107-1	1370	1360	1400	1377	1.51	cps
Silver	109-1	1240	1243	1343	1276	4.60	cps
Sodium	23-2	206384	205013	206427	205941	0.39	cps
Strontium	86-1	290398	293532	295738	293223	0.92	cps
Strontium	88-1	2550991	2582830	2575784	2569868	0.65	cps
Sulfur	34-1	241316	242738	239258	241104	0.73	cps
Terbium	159-1	12897808	12905357	12947643	12916936	0.21	cps
Terbium	159-2	8255026	8349869	8183749	8262881	1.01	cps
Thallium	203-1	970	1020	1027	1006	3.08	cps
Thallium	205-1	2417	2517	2507	2480	2.22	cps
Tin	118-1	25900	27408	26342	26550	2.92	cps
Titanium	47-1	932839	950961	952557	945452	1.16	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-02	Instrumnet Name :	P7
Client Sample ID :	MYD0W9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:06:24	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14985	15292	15142	15140	1.01	cps
Vanadium	51-2	2473184	2479309	2468012	2473502	0.23	cps
Yttrium	89-1	20547562	20673185	20688786	20636511	0.38	cps
Yttrium	89-2	5225655	5132228	5174304	5177396	0.90	cps
Zinc	66-2	215912	214354	214921	215062	0.37	cps
Zirconium	90-1	68482	71021	70848	70117	2.02	cps
Zirconium	91-1	15465	16082	15775	15774	1.96	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-03	Instrumnet Name :	P7
Client Sample ID :	MYD0X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:09:35	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33804602	33962447	33715783	33827611	0.37	cps
Antimony	121-1	15802	16343	15979	16041	1.72	cps
Arsenic	75-2	158401	157108	156835	157448	0.53	cps
Barium	135-1	494139	502537	499962	498879	0.86	cps
Barium	137-1	846599	861626	863314	857180	1.07	cps
Beryllium	9-1	3211	3377	3277	3288	2.54	cps
Bismuth	209-1	7129234	7255479	7430071	7271595	2.08	cps
Bismuth	209-2	5361150	5514764	5534868	5470261	1.74	cps
Bromine	81-1	15325	16079	15922	15775	2.52	cps
Bromine	81-2	1343	1253	1280	1292	3.58	cps
Cadmium	108-1	330	320	300	317	4.82	cps
Cadmium	106-1	4604	4457	4341	4467	2.95	cps
Cadmium	111-1	3882	3913	3795	3863	1.58	cps
Calcium	43-1	579315	585298	590441	585018	0.95	cps
Calcium	44-1	8892762	9109714	9032003	9011493	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	824652	819462	827473	823862	0.49	cps
Cobalt	59-2	822439	819829	821007	821092	0.16	cps
Copper	63-2	998928	997899	1002837	999888	0.26	cps
Dysprosium	156-1	146718	149086	149416	148407	0.99	cps
Dysprosium	156-2	109201	109749	111360	110103	1.02	cps
Erbium	164-1	127462	128316	130823	128867	1.36	cps
Erbium	164-2	85433	85111	83799	84781	1.02	cps
Gadolinium	160-1	150001	153093	154179	152424	1.42	cps
Gadolinium	160-2	106511	106924	105027	106154	0.94	cps
Holmium	165-1	12644984	12488648	12794876	12642836	1.21	cps
Holmium	165-2	8480442	8495083	8438427	8471317	0.35	cps
Indium	115-1	10552926	10542484	10770175	10621861	1.21	cps
Indium	115-2	3562982	3512615	3575179	3550259	0.93	cps
Iron	56-2	1257633261	1246339448	1243658595	1249210435	0.59	cps
Iron	57-2	31094040	30594613	30784845	30824499	0.82	cps
Iron	54-2	69209234	69500177	69444501	69384637	0.22	cps
Krypton	83-1	497	537	497	510	4.53	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-03	Instrumnet Name :	P7
Client Sample ID :	MYD0X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:09:35	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	54951	55279	55603	55278	0.59	cps
Lead	207-1	46058	45710	46563	46110	0.93	cps
Lead	208-1	211286	213968	214598	213284	0.82	cps
Lithium	6-1	1547327	1544466	1517572	1536455	1.07	cps
Magnesium	24-2	28904371	29163905	29368817	29145698	0.80	cps
Manganese	55-2	16718766	16850274	17066054	16878365	1.04	cps
Molybdenum	94-1	53872	55990	55662	55175	2.07	cps
Molybdenum	95-1	15291	15785	15852	15643	1.96	cps
Molybdenum	96-1	35202	36673	35898	35924	2.05	cps
Molybdenum	97-1	9410	9760	9833	9668	2.34	cps
Molybdenum	98-1	23769	24163	24150	24028	0.93	cps
Neodymium	150-1	205586	210646	209551	208594	1.28	cps
Neodymium	150-2	117061	116006	115347	116138	0.74	cps
Nickel	60-2	236339	235631	238041	236670	0.52	cps
Phosphorus	31-2	39812	39026	39675	39504	1.06	cps
Potassium	39-2	1656122	1668162	1652289	1658858	0.50	cps
Rhodium	103-1	10192873	10198382	10218594	10203283	0.13	cps
Rhodium	103-2	6278004	6106256	6344149	6242803	1.97	cps
Scandium	45-1	8204440	8277173	8326488	8269367	0.74	cps
Scandium	45-2	778343	773867	781422	777878	0.49	cps
Selenium	82-1	881	791	810	827	5.78	cps
Selenium	77-2	597	650	620	622	4.30	cps
Selenium	78-2	887	913	870	890	2.46	cps
Silicon	28-1	18452914	19107928	19094370	18885071	1.98	cps
Silver	107-1	1223	1340	1240	1268	4.98	cps
Silver	109-1	1113	1160	1107	1127	2.58	cps
Sodium	23-2	235582	235444	237849	236292	0.57	cps
Strontium	86-1	420359	428425	429426	426070	1.17	cps
Strontium	88-1	3674799	3762263	3717290	3718117	1.18	cps
Sulfur	34-1	244763	247052	247624	246480	0.61	cps
Terbium	159-1	13158696	12944281	12781522	12961500	1.46	cps
Terbium	159-2	8349925	8389094	8410387	8383135	0.37	cps
Thallium	203-1	1067	1013	1050	1043	2.62	cps
Thallium	205-1	2320	2500	2660	2494	6.82	cps
Tin	118-1	36312	36583	37028	36641	0.99	cps
Titanium	47-1	790602	804332	798302	797745	0.86	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-03	Instrumnet Name :	P7
Client Sample ID :	MYD0X0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:09:35	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21918	22566	22265	22250	1.46	cps
Vanadium	51-2	2751221	2760994	2806122	2772779	1.06	cps
Yttrium	89-1	21450677	21742351	21861813	21684947	0.98	cps
Yttrium	89-2	5347708	5339101	5389995	5358935	0.51	cps
Zinc	66-2	323340	318542	323413	321765	0.87	cps
Zirconium	90-1	124919	128140	127864	126975	1.41	cps
Zirconium	91-1	27917	28785	28521	28408	1.57	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-04	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:12:43	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17110172	17025714	16959734	17031873	0.44	cps
Antimony	121-1	33309	33335	32901	33182	0.73	cps
Arsenic	75-2	170035	169769	168973	169592	0.33	cps
Barium	135-1	2494505	2602789	2462280	2519858	2.92	cps
Barium	137-1	4212489	4406099	4301335	4306641	2.25	cps
Beryllium	9-1	1901	2086	1816	1935	7.12	cps
Bismuth	209-1	7325220	7422849	7461331	7403134	0.95	cps
Bismuth	209-2	5576222	5509040	5497760	5527674	0.77	cps
Bromine	81-1	12292	12529	12315	12379	1.05	cps
Bromine	81-2	393	420	403	406	3.32	cps
Cadmium	108-1	570	520	497	529	7.08	cps
Cadmium	106-1	4507	4491	4724	4574	2.85	cps
Cadmium	111-1	6420	6690	6686	6599	2.35	cps
Calcium	43-1	333126	344327	333266	336906	1.91	cps
Calcium	44-1	5104457	5257813	5295446	5219239	1.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1030914	1030655	1028017	1029862	0.16	cps
Cobalt	59-2	886029	881148	888649	885276	0.43	cps
Copper	63-2	1926098	1894015	1880382	1900165	1.24	cps
Dysprosium	156-1	60439	58079	60433	59651	2.28	cps
Dysprosium	156-2	46765	46848	47514	47042	0.87	cps
Erbium	164-1	51545	52736	53492	52591	1.87	cps
Erbium	164-2	33974	35194	34533	34567	1.77	cps
Gadolinium	160-1	56252	58545	56644	57147	2.15	cps
Gadolinium	160-2	39435	38797	39913	39382	1.42	cps
Holmium	165-1	12849148	12469604	12654725	12657826	1.50	cps
Holmium	165-2	8291376	8238933	8328701	8286336	0.54	cps
Indium	115-1	10577722	10961394	10619201	10719439	1.96	cps
Indium	115-2	3669766	3621609	3569725	3620366	1.38	cps
Iron	56-2	1312725927	1317847367	1318577954	1316383749	0.24	cps
Iron	57-2	32424987	32128163	32382249	32311800	0.50	cps
Iron	54-2	73236782	71341914	70882904	71820533	1.74	cps
Krypton	83-1	400	450	450	433	6.66	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-04	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:12:43	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	505925	501268	510278	505824	0.89	cps
Lead	207-1	462031	474365	463226	466540	1.46	cps
Lead	208-1	2040458	2094938	2092134	2075843	1.48	cps
Lithium	6-1	1460340	1470807	1558137	1496428	3.59	cps
Magnesium	24-2	18361369	18039622	18112794	18171262	0.93	cps
Manganese	55-2	52979969	52615949	52794489	52796803	0.34	cps
Molybdenum	94-1	78861	79555	78345	78920	0.77	cps
Molybdenum	95-1	17464	17674	18118	17752	1.88	cps
Molybdenum	96-1	41877	40887	41900	41555	1.39	cps
Molybdenum	97-1	10534	10834	10350	10573	2.31	cps
Molybdenum	98-1	25232	25906	26354	25831	2.19	cps
Neodymium	150-1	93541	95621	97780	95647	2.22	cps
Neodymium	150-2	53919	52544	52417	52960	1.57	cps
Nickel	60-2	263286	262866	260975	262376	0.47	cps
Phosphorus	31-2	24763	24483	24860	24702	0.79	cps
Potassium	39-2	4130649	4129623	4144591	4134954	0.20	cps
Rhodium	103-1	10131693	10258860	10425958	10272170	1.44	cps
Rhodium	103-2	6350764	6234844	6306094	6297234	0.93	cps
Scandium	45-1	7948881	8015209	8250462	8071517	1.96	cps
Scandium	45-2	763932	757780	752616	758109	0.75	cps
Selenium	82-1	649	670	718	679	5.18	cps
Selenium	77-2	267	257	227	250	8.33	cps
Selenium	78-2	630	720	680	677	6.66	cps
Silicon	28-1	34011864	34940238	35229687	34727263	1.83	cps
Silver	107-1	3994	4361	3944	4100	5.55	cps
Silver	109-1	3911	3734	3811	3818	2.32	cps
Sodium	23-2	289744	289112	289798	289551	0.13	cps
Strontium	86-1	379668	370013	378335	376005	1.39	cps
Strontium	88-1	3219609	3365434	3253394	3279479	2.33	cps
Sulfur	34-1	249160	250602	247834	249199	0.56	cps
Terbium	159-1	13031689	13003655	12650497	12895280	1.65	cps
Terbium	159-2	8287736	8310644	8344555	8314312	0.34	cps
Thallium	203-1	2114	2014	2044	2057	2.50	cps
Thallium	205-1	4728	5258	5034	5007	5.32	cps
Tin	118-1	146035	158500	151380	151972	4.11	cps
Titanium	47-1	2030062	2078885	2123868	2077605	2.26	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-04	Instrumnet Name :	P7
Client Sample ID :	MYD0Y2	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:12:43	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24219	25448	24412	24693	2.68	cps
Vanadium	51-2	2068276	2081732	2082474	2077494	0.38	cps
Yttrium	89-1	19994076	20719385	19988632	20234031	2.08	cps
Yttrium	89-2	5030797	4932023	5037595	5000139	1.18	cps
Zinc	66-2	345781	342730	344987	344499	0.46	cps
Zirconium	90-1	186218	194741	196226	192395	2.81	cps
Zirconium	91-1	42247	42929	43096	42758	1.05	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:15:49	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20625905	20586071	20628165	20613380	0.11	cps
Antimony	121-1	241858	245520	244730	244036	0.79	cps
Arsenic	75-2	181543	184907	182811	183087	0.93	cps
Barium	135-1	1168666	1201231	1197889	1189262	1.51	cps
Barium	137-1	2145159	2174830	2164293	2161427	0.70	cps
Beryllium	9-1	1847	1809	1762	1806	2.36	cps
Bismuth	209-1	7571718	7338166	7594028	7501304	1.89	cps
Bismuth	209-2	5728211	5563276	5528146	5606545	1.91	cps
Bromine	81-1	13810	13833	13770	13804	0.23	cps
Bromine	81-2	653	713	773	713	8.41	cps
Cadmium	108-1	490	510	440	480	7.51	cps
Cadmium	106-1	4411	4651	4431	4497	2.96	cps
Cadmium	111-1	4965	5112	4964	5013	1.70	cps
Calcium	43-1	617034	625516	622311	621620	0.69	cps
Calcium	44-1	9496583	9485898	9606741	9529741	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1306915	1304729	1309116	1306920	0.17	cps
Cobalt	59-2	1037124	1040874	1035989	1037995	0.25	cps
Copper	63-2	2161238	2147354	2153719	2154104	0.32	cps
Dysprosium	156-1	46493	47744	46717	46985	1.42	cps
Dysprosium	156-2	35401	36868	36170	36146	2.03	cps
Erbium	164-1	48912	49303	49591	49269	0.69	cps
Erbium	164-2	33103	33179	32768	33017	0.66	cps
Gadolinium	160-1	46711	46604	47745	47020	1.34	cps
Gadolinium	160-2	32959	33320	32023	32767	2.04	cps
Holmium	165-1	12820573	12561659	12584706	12655646	1.13	cps
Holmium	165-2	8515042	8574404	8404209	8497885	1.02	cps
Indium	115-1	10835498	10812870	10831677	10826681	0.11	cps
Indium	115-2	3671462	3695427	3626265	3664384	0.96	cps
Iron	56-2	1065287504	1062774171	1057425424	1061829033	0.38	cps
Iron	57-2	26224621	26201864	25640456	26022314	1.27	cps
Iron	54-2	58458282	58335309	58848506	58547366	0.46	cps
Krypton	83-1	447	407	440	431	4.97	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:15:49	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	635836	643415	640421	639891	0.60	cps
Lead	207-1	567389	570271	572727	570129	0.47	cps
Lead	208-1	2564510	2583798	2582757	2577022	0.42	cps
Lithium	6-1	1491828	1496456	1507588	1498624	0.54	cps
Magnesium	24-2	21484486	21706178	21417185	21535950	0.70	cps
Manganese	55-2	30906221	30892357	30612468	30803682	0.54	cps
Molybdenum	94-1	57034	58192	58353	57859	1.24	cps
Molybdenum	95-1	12769	12886	13176	12944	1.62	cps
Molybdenum	96-1	31775	32276	32366	32139	0.99	cps
Molybdenum	97-1	7429	7485	7842	7585	2.96	cps
Molybdenum	98-1	19440	20057	19673	19723	1.58	cps
Neodymium	150-1	67822	68016	67788	67876	0.18	cps
Neodymium	150-2	38255	37834	38265	38118	0.65	cps
Nickel	60-2	3107536	3066601	3088912	3087683	0.66	cps
Phosphorus	31-2	23261	22901	22757	22973	1.13	cps
Potassium	39-2	1456936	1469503	1470061	1465500	0.51	cps
Rhodium	103-1	10590864	10450188	10355497	10465516	1.13	cps
Rhodium	103-2	6303848	6301988	6244336	6283391	0.54	cps
Scandium	45-1	8316202	8188843	8258660	8254568	0.77	cps
Scandium	45-2	773650	772200	771710	772520	0.13	cps
Selenium	82-1	705	719	716	713	1.02	cps
Selenium	77-2	193	183	197	191	3.63	cps
Selenium	78-2	620	567	597	594	4.50	cps
Silicon	28-1	20845994	20724567	20827876	20799479	0.31	cps
Silver	107-1	2540	2404	2567	2504	3.50	cps
Silver	109-1	2170	2294	2407	2290	5.17	cps
Sodium	23-2	550934	551840	549567	550780	0.21	cps
Strontium	86-1	379468	387416	385298	384061	1.07	cps
Strontium	88-1	3327959	3342318	3310965	3327081	0.47	cps
Sulfur	34-1	261670	265573	263356	263533	0.74	cps
Terbium	159-1	13013043	13093709	12959566	13022106	0.52	cps
Terbium	159-2	8222805	8327149	8462099	8337351	1.44	cps
Thallium	203-1	1810	1757	1840	1802	2.34	cps
Thallium	205-1	4247	4251	4021	4173	3.16	cps
Tin	118-1	65813	67745	67712	67090	1.65	cps
Titanium	47-1	3368725	3390728	3405180	3388211	0.54	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:15:49	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18490	18446	19057	18664	1.83	cps
Vanadium	51-2	2242928	2252628	2231426	2242327	0.47	cps
Yttrium	89-1	20301631	20110718	20089085	20167144	0.58	cps
Yttrium	89-2	5099966	4989814	5051012	5046931	1.09	cps
Zinc	66-2	1795041	1801806	1782663	1793170	0.54	cps
Zirconium	90-1	138311	141915	137964	139397	1.57	cps
Zirconium	91-1	30953	31848	31410	31404	1.43	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-06	Instrumnet Name :	P7
Client Sample ID :	MYD0Y4	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:18:51	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23446111	23318630	23173030	23312590	0.59	cps
Antimony	121-1	43823	43847	44469	44046	0.83	cps
Arsenic	75-2	134113	135939	133161	134404	1.05	cps
Barium	135-1	350677	356719	357083	354826	1.01	cps
Barium	137-1	607540	617655	619982	615059	1.08	cps
Beryllium	9-1	1237	1321	1246	1268	3.65	cps
Bismuth	209-1	7484266	7369716	7475525	7443169	0.86	cps
Bismuth	209-2	5428040	5492953	5406333	5442442	0.83	cps
Bromine	81-1	12452	12515	12452	12473	0.29	cps
Bromine	81-2	417	447	427	430	3.55	cps
Cadmium	108-1	373	467	420	420	11.11	cps
Cadmium	106-1	4197	4117	4337	4217	2.64	cps
Cadmium	111-1	3283	3102	3285	3224	3.27	cps
Calcium	43-1	785217	792257	797935	791803	0.80	cps
Calcium	44-1	12236006	12427508	12325050	12329521	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1731382	1695656	1728468	1718502	1.15	cps
Cobalt	59-2	1279657	1275024	1279556	1278079	0.21	cps
Copper	63-2	2505223	2527316	2550961	2527833	0.90	cps
Dysprosium	156-1	24101	24678	24555	24445	1.24	cps
Dysprosium	156-2	17931	17501	17972	17801	1.47	cps
Erbium	164-1	35141	35666	35071	35292	0.92	cps
Erbium	164-2	22862	23613	23346	23274	1.64	cps
Gadolinium	160-1	27080	27116	26893	27029	0.44	cps
Gadolinium	160-2	19293	19083	18212	18863	3.04	cps
Holmium	165-1	12618562	12695233	12583811	12632535	0.45	cps
Holmium	165-2	8306988	8356876	8341111	8334992	0.31	cps
Indium	115-1	10747004	10705187	10702871	10718354	0.23	cps
Indium	115-2	3616831	3635249	3579635	3610572	0.78	cps
Iron	56-2	900963533	887810307	896444120	895072653	0.75	cps
Iron	57-2	22095926	21931146	21812109	21946394	0.65	cps
Iron	54-2	48981068	48958718	49239919	49059901	0.32	cps
Krypton	83-1	413	407	347	389	9.44	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-06	Instrumnet Name :	P7
Client Sample ID :	MYD0Y4	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:18:51	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38625	38431	38976	38677	0.71	cps
Lead	207-1	35159	35309	35777	35415	0.91	cps
Lead	208-1	156383	158261	158674	157773	0.77	cps
Lithium	6-1	1534009	1503624	1485475	1507703	1.63	cps
Magnesium	24-2	26788196	26734712	26539105	26687338	0.49	cps
Manganese	55-2	12940071	12951045	13045393	12978836	0.45	cps
Molybdenum	94-1	31093	32950	32787	32277	3.19	cps
Molybdenum	95-1	5708	6211	6028	5982	4.26	cps
Molybdenum	96-1	19580	19834	19914	19776	0.88	cps
Molybdenum	97-1	3610	3657	3811	3693	2.83	cps
Molybdenum	98-1	8619	8836	8786	8747	1.30	cps
Neodymium	150-1	27931	27534	28329	27931	1.42	cps
Neodymium	150-2	15796	14925	15682	15467	3.06	cps
Nickel	60-2	431515	425481	424909	427302	0.86	cps
Phosphorus	31-2	14614	14781	14857	14751	0.84	cps
Potassium	39-2	509441	511155	507131	509243	0.40	cps
Rhodium	103-1	10373060	10627199	10377043	10459101	1.39	cps
Rhodium	103-2	6269969	6284935	6265232	6273378	0.16	cps
Scandium	45-1	8302903	8413557	8209261	8308573	1.23	cps
Scandium	45-2	778349	779864	778886	779033	0.10	cps
Selenium	82-1	631	727	767	708	9.85	cps
Selenium	77-2	160	97	103	120	29.00	cps
Selenium	78-2	587	480	517	528	10.27	cps
Silicon	28-1	18569543	18555837	18664800	18596727	0.32	cps
Silver	107-1	593	663	613	623	5.79	cps
Silver	109-1	550	430	520	500	12.49	cps
Sodium	23-2	583649	583305	578843	581932	0.46	cps
Strontium	86-1	342933	344827	345733	344498	0.41	cps
Strontium	88-1	2980163	3022251	3047095	3016503	1.12	cps
Sulfur	34-1	243892	243981	244238	244037	0.07	cps
Terbium	159-1	12816429	13141721	12927870	12962007	1.28	cps
Terbium	159-2	8401975	8238296	8273184	8304485	1.04	cps
Thallium	203-1	493	417	420	443	9.77	cps
Thallium	205-1	1003	1010	990	1001	1.02	cps
Tin	118-1	20572	21459	21443	21158	2.40	cps
Titanium	47-1	6117572	6217315	6151958	6162282	0.82	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-06	Instrumnet Name :	P7
Client Sample ID :	MYD0Y4	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:18:51	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8526	8286	8489	8434	1.53	cps
Vanadium	51-2	2222752	2234166	2272467	2243128	1.16	cps
Yttrium	89-1	20255756	20275678	20371484	20300973	0.30	cps
Yttrium	89-2	4972746	5051598	4944935	4989760	1.11	cps
Zinc	66-2	218363	223250	221793	221136	1.13	cps
Zirconium	90-1	77081	79748	80539	79123	2.29	cps
Zirconium	91-1	17644	17537	17627	17603	0.33	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:22:00	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26077559	26200924	26030386	26102956	0.34	cps
Antimony	121-1	30613	31074	30933	30873	0.77	cps
Arsenic	75-2	174183	175956	176000	175379	0.59	cps
Barium	135-1	682902	691437	693815	689384	0.83	cps
Barium	137-1	1176170	1202908	1198501	1192526	1.20	cps
Beryllium	9-1	1524	1510	1618	1551	3.79	cps
Bismuth	209-1	7232898	7104218	7244761	7193959	1.08	cps
Bismuth	209-2	5418737	5554931	5489748	5487805	1.24	cps
Bromine	81-1	14214	14507	14764	14495	1.90	cps
Bromine	81-2	757	747	730	744	1.81	cps
Cadmium	108-1	513	487	637	546	14.67	cps
Cadmium	106-1	4034	4181	4371	4195	4.03	cps
Cadmium	111-1	3304	3452	3407	3388	2.24	cps
Calcium	43-1	808688	819270	821530	816496	0.84	cps
Calcium	44-1	12366371	12753605	12594940	12571639	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1674608	1671949	1667305	1671287	0.22	cps
Cobalt	59-2	1168779	1179539	1177716	1175345	0.49	cps
Copper	63-2	2534913	2492399	2561502	2529605	1.38	cps
Dysprosium	156-1	32755	34034	34218	33669	2.37	cps
Dysprosium	156-2	25146	25022	25507	25225	1.00	cps
Erbium	164-1	41277	42598	42110	41995	1.59	cps
Erbium	164-2	27864	28202	27367	27811	1.51	cps
Gadolinium	160-1	35244	35862	35739	35615	0.92	cps
Gadolinium	160-2	24946	25250	25260	25152	0.71	cps
Holmium	165-1	12272226	12353644	12458586	12361485	0.76	cps
Holmium	165-2	8216496	8267223	8391075	8291598	1.08	cps
Indium	115-1	10479720	10551712	10459494	10496975	0.46	cps
Indium	115-2	3570374	3580070	3575679	3575374	0.14	cps
Iron	56-2	1073649931	1085817450	1064614597	1074693993	0.99	cps
Iron	57-2	26695374	26779282	26218994	26564550	1.14	cps
Iron	54-2	58584637	59776047	58391304	58917330	1.27	cps
Krypton	83-1	430	397	463	430	7.75	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:22:00	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87228	89429	90811	89156	2.03	cps
Lead	207-1	80906	82364	83502	82257	1.58	cps
Lead	208-1	358901	364665	370033	364533	1.53	cps
Lithium	6-1	1419080	1457618	1447697	1441465	1.39	cps
Magnesium	24-2	28454797	28185925	28166040	28268921	0.57	cps
Manganese	55-2	26260258	26543256	26113476	26305663	0.83	cps
Molybdenum	94-1	41432	42224	41659	41772	0.98	cps
Molybdenum	95-1	9000	8969	9116	9028	0.86	cps
Molybdenum	96-1	24928	26280	25990	25733	2.77	cps
Molybdenum	97-1	4934	5104	5091	5043	1.88	cps
Molybdenum	98-1	12682	12749	13263	12898	2.46	cps
Neodymium	150-1	42293	42945	43346	42862	1.24	cps
Neodymium	150-2	24358	23874	24381	24204	1.18	cps
Nickel	60-2	415555	414188	412832	414192	0.33	cps
Phosphorus	31-2	16963	16776	16362	16700	1.84	cps
Potassium	39-2	659591	662271	660009	660624	0.22	cps
Rhodium	103-1	10284616	10198592	10268071	10250426	0.45	cps
Rhodium	103-2	6235002	6341272	6297006	6291093	0.85	cps
Scandium	45-1	8258646	8238256	8337531	8278144	0.63	cps
Scandium	45-2	794378	784221	791763	790120	0.67	cps
Selenium	82-1	647	726	658	677	6.32	cps
Selenium	77-2	103	150	140	131	18.74	cps
Selenium	78-2	530	573	633	579	8.96	cps
Silicon	28-1	30964023	31875583	33588038	32142548	4.14	cps
Silver	107-1	937	920	1033	963	6.35	cps
Silver	109-1	667	830	853	783	12.98	cps
Sodium	23-2	553057	555411	559147	555872	0.55	cps
Strontium	86-1	415675	430447	427474	424532	1.84	cps
Strontium	88-1	3734283	3743492	3714706	3730827	0.39	cps
Sulfur	34-1	244519	242237	241844	242866	0.59	cps
Terbium	159-1	12720460	12890166	12841026	12817218	0.68	cps
Terbium	159-2	8154344	8158888	8132168	8148467	0.18	cps
Thallium	203-1	593	583	537	571	5.30	cps
Thallium	205-1	1423	1420	1433	1426	0.49	cps
Tin	118-1	22094	23196	23119	22803	2.70	cps
Titanium	47-1	4868805	4930011	4946913	4915243	0.84	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:22:00	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14485	14455	14585	14508	0.47	cps
Vanadium	51-2	2598693	2651983	2654723	2635133	1.20	cps
Yttrium	89-1	20029583	19988648	19797768	19938666	0.62	cps
Yttrium	89-2	4968393	5021864	5052332	5014196	0.85	cps
Zinc	66-2	242665	244727	242102	243165	0.57	cps
Zirconium	90-1	99242	102105	103696	101681	2.22	cps
Zirconium	91-1	22784	23556	23225	23188	1.67	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:25:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26120100	26013675	26398751	26177509	0.76	cps
Antimony	121-1	31077	31601	32396	31692	2.10	cps
Arsenic	75-2	176475	175424	175603	175834	0.32	cps
Barium	135-1	821482	830217	827738	826479	0.54	cps
Barium	137-1	1413008	1443485	1437843	1431445	1.13	cps
Beryllium	9-1	1578	1710	1684	1657	4.20	cps
Bismuth	209-1	7282556	7344388	7372776	7333240	0.63	cps
Bismuth	209-2	5519634	5395740	5369205	5428193	1.48	cps
Bromine	81-1	14527	15208	15261	14999	2.73	cps
Bromine	81-2	767	867	650	761	14.25	cps
Cadmium	108-1	457	433	517	469	9.17	cps
Cadmium	106-1	4637	4591	4304	4511	4.00	cps
Cadmium	111-1	3763	3667	3558	3663	2.81	cps
Calcium	43-1	820545	835175	837876	831199	1.12	cps
Calcium	44-1	12653146	12926967	12730358	12770157	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1688451	1649469	1668431	1668784	1.17	cps
Cobalt	59-2	1216686	1205410	1207848	1209981	0.49	cps
Copper	63-2	2560352	2482659	2528954	2523988	1.55	cps
Dysprosium	156-1	34546	35722	35328	35199	1.70	cps
Dysprosium	156-2	26472	25670	26128	26090	1.54	cps
Erbium	164-1	42090	43992	43421	43168	2.26	cps
Erbium	164-2	28439	28653	27637	28243	1.90	cps
Gadolinium	160-1	37256	37213	36965	37145	0.42	cps
Gadolinium	160-2	25934	25520	25974	25809	0.97	cps
Holmium	165-1	12502640	12304480	12286141	12364421	0.97	cps
Holmium	165-2	8311258	8142417	8268500	8240725	1.07	cps
Indium	115-1	10806437	10648158	10647395	10700663	0.86	cps
Indium	115-2	3603944	3568538	3610037	3594173	0.62	cps
Iron	56-2	1104610277	1087772810	1091664757	1094682615	0.81	cps
Iron	57-2	27121217	26684685	27004093	26936665	0.84	cps
Iron	54-2	61148224	60572172	60667387	60795928	0.51	cps
Krypton	83-1	447	443	490	460	5.66	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:25:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	104099	105412	105656	105056	0.80	cps
Lead	207-1	96463	97221	97983	97222	0.78	cps
Lead	208-1	424585	432066	439027	431893	1.67	cps
Lithium	6-1	1459922	1531856	1444590	1478789	3.15	cps
Magnesium	24-2	28244935	28047620	28084332	28125629	0.37	cps
Manganese	55-2	29852022	29273075	29218887	29447995	1.19	cps
Molybdenum	94-1	43214	44417	44992	44208	2.05	cps
Molybdenum	95-1	9590	8973	9460	9341	3.48	cps
Molybdenum	96-1	26063	26177	26674	26305	1.24	cps
Molybdenum	97-1	5468	5554	5584	5536	1.10	cps
Molybdenum	98-1	13279	13787	13396	13487	1.97	cps
Neodymium	150-1	44293	45724	45958	45325	1.99	cps
Neodymium	150-2	25974	25436	25246	25552	1.48	cps
Nickel	60-2	418715	417081	416848	417548	0.24	cps
Phosphorus	31-2	17130	17330	16966	17142	1.06	cps
Potassium	39-2	695017	690763	686491	690757	0.62	cps
Rhodium	103-1	10371586	10381043	10473382	10408670	0.54	cps
Rhodium	103-2	6253845	6345289	6313481	6304205	0.74	cps
Scandium	45-1	8398814	8368292	8408778	8391961	0.25	cps
Scandium	45-2	798586	791436	796285	795436	0.46	cps
Selenium	82-1	673	672	615	653	5.07	cps
Selenium	77-2	160	123	127	137	14.83	cps
Selenium	78-2	647	567	563	592	7.97	cps
Silicon	28-1	30994268	32844515	31920769	31919851	2.90	cps
Silver	107-1	957	990	983	977	1.81	cps
Silver	109-1	820	927	780	842	9.00	cps
Sodium	23-2	565754	566373	564208	565445	0.20	cps
Strontium	86-1	436187	444617	446413	442406	1.23	cps
Strontium	88-1	3727858	3935113	3894434	3852468	2.85	cps
Sulfur	34-1	242541	247221	249234	246332	1.39	cps
Terbium	159-1	12891649	12946985	12691468	12843368	1.05	cps
Terbium	159-2	8127906	8199690	8078335	8135310	0.75	cps
Thallium	203-1	647	630	640	639	1.31	cps
Thallium	205-1	1333	1477	1393	1401	5.14	cps
Tin	118-1	21977	22311	22768	22352	1.78	cps
Titanium	47-1	4992378	5157775	5070571	5073575	1.63	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:25:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15002	15192	14828	15007	1.21	cps
Vanadium	51-2	2640466	2623499	2629668	2631211	0.33	cps
Yttrium	89-1	19887543	20467080	20141806	20165476	1.44	cps
Yttrium	89-2	5086941	4970203	5027863	5028336	1.16	cps
Zinc	66-2	247428	245263	246253	246315	0.44	cps
Zirconium	90-1	105761	108507	106432	106900	1.34	cps
Zirconium	91-1	23472	23856	24267	23865	1.67	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 15:28:14	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5024511	4970066	5001088	4998555	0.55	cps
Antimony	121-1	6288	6095	6245	6209	1.63	cps
Arsenic	75-2	34898	33715	33598	34070	2.11	cps
Barium	135-1	134232	133695	132269	133398	0.76	cps
Barium	137-1	229068	231462	230929	230487	0.55	cps
Beryllium	9-1	288	305	361	318	11.99	cps
Bismuth	209-1	7472819	7617400	7482372	7524197	1.07	cps
Bismuth	209-2	5717910	5660198	5575888	5651332	1.26	cps
Bromine	81-1	12399	12238	12816	12484	2.39	cps
Bromine	81-2	280	273	240	264	8.11	cps
Cadmium	108-1	100	113	117	110	8.02	cps
Cadmium	106-1	3734	3594	3537	3622	2.80	cps
Cadmium	111-1	2697	2590	2514	2600	3.53	cps
Calcium	43-1	155367	158272	160186	157941	1.54	cps
Calcium	44-1	2453336	2480069	2497305	2476903	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	326087	325499	321580	324389	0.76	cps
Cobalt	59-2	229881	225563	223354	226266	1.47	cps
Copper	63-2	495628	484058	483340	487675	1.41	cps
Dysprosium	156-1	6325	6685	6562	6524	2.81	cps
Dysprosium	156-2	4661	4838	4654	4718	2.20	cps
Erbium	164-1	7879	8169	8419	8156	3.32	cps
Erbium	164-2	5494	5294	5421	5403	1.87	cps
Gadolinium	160-1	6858	6942	6788	6863	1.12	cps
Gadolinium	160-2	5028	4898	5338	5088	4.44	cps
Holmium	165-1	12603216	12447052	12511028	12520432	0.63	cps
Holmium	165-2	8407965	8262953	8365359	8345425	0.89	cps
Indium	115-1	10837758	10789144	10531670	10719524	1.53	cps
Indium	115-2	3678450	3645980	3687805	3670745	0.60	cps
Iron	56-2	208161330	204543997	205447564	206050964	0.91	cps
Iron	57-2	5097850	4989407	4965302	5017520	1.41	cps
Iron	54-2	11169597	11265029	11278751	11237792	0.53	cps
Krypton	83-1	370	313	357	347	8.55	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 15:28:14	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17655	17795	17672	17707	0.43	cps
Lead	207-1	16694	16433	16637	16588	0.83	cps
Lead	208-1	72990	73017	73401	73136	0.31	cps
Lithium	6-1	1523970	1468472	1516138	1502860	2.00	cps
Magnesium	24-2	5340652	5400707	5311842	5351067	0.85	cps
Manganese	55-2	5072432	4966306	5018464	5019067	1.06	cps
Molybdenum	94-1	8082	8162	8556	8267	3.07	cps
Molybdenum	95-1	1820	1923	1880	1875	2.77	cps
Molybdenum	96-1	5034	5358	5448	5280	4.12	cps
Molybdenum	97-1	960	1117	1117	1064	8.50	cps
Molybdenum	98-1	2827	2544	2580	2650	5.82	cps
Neodymium	150-1	8349	8416	8333	8366	0.53	cps
Neodymium	150-2	4641	4347	4874	4621	5.71	cps
Nickel	60-2	81956	82053	80642	81550	0.97	cps
Phosphorus	31-2	3464	3524	3534	3507	1.08	cps
Potassium	39-2	205173	203609	206122	204968	0.62	cps
Rhodium	103-1	10586021	10388763	10460101	10478295	0.95	cps
Rhodium	103-2	6446717	6427628	6456384	6443577	0.23	cps
Scandium	45-1	7599806	7408739	7483756	7497434	1.28	cps
Scandium	45-2	702649	699068	699232	700316	0.29	cps
Selenium	82-1	502	553	582	546	7.44	cps
Selenium	77-2	30	13	33	26	41.94	cps
Selenium	78-2	473	510	450	478	6.33	cps
Silicon	28-1	6322608	6437569	6316142	6358773	1.07	cps
Silver	107-1	327	267	230	274	17.78	cps
Silver	109-1	250	233	220	234	6.41	cps
Sodium	23-2	166144	162514	159490	162716	2.05	cps
Strontium	86-1	82198	82751	83310	82753	0.67	cps
Strontium	88-1	710254	715779	713393	713142	0.39	cps
Sulfur	34-1	237260	233781	236519	235853	0.78	cps
Terbium	159-1	12933804	12907572	12712461	12851279	0.94	cps
Terbium	159-2	8399703	8344874	8318455	8354344	0.50	cps
Thallium	203-1	220	217	177	204	11.79	cps
Thallium	205-1	447	433	410	430	4.32	cps
Tin	118-1	5781	5941	5938	5887	1.55	cps
Titanium	47-1	951184	971805	968382	963790	1.15	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LX5	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 15:28:14	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2750	2800	2704	2751	1.76	cps
Vanadium	51-2	510517	507084	503916	507172	0.65	cps
Yttrium	89-1	19295667	19284092	19338736	19306165	0.15	cps
Yttrium	89-2	4894268	4854996	4826941	4858735	0.70	cps
Zinc	66-2	49208	48565	48923	48899	0.66	cps
Zirconium	90-1	20224	20404	20551	20393	0.80	cps
Zirconium	91-1	4541	4577	4577	4565	0.46	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:31:27	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26001607	26138294	26218367	26119423	0.42	cps
Antimony	121-1	735037	747908	757884	746943	1.53	cps
Arsenic	75-2	189915	187519	187830	188422	0.69	cps
Barium	135-1	5802677	5840559	5966236	5869824	1.46	cps
Barium	137-1	10074071	10167523	10222559	10154718	0.74	cps
Beryllium	9-1	80297	82443	80298	81013	1.53	cps
Bismuth	209-1	7146320	7075747	7187653	7136573	0.79	cps
Bismuth	209-2	5323897	5269369	5328871	5307379	0.62	cps
Bromine	81-1	14224	15058	14764	14682	2.88	cps
Bromine	81-2	763	717	650	710	8.02	cps
Cadmium	108-1	7132	6855	6918	6968	2.08	cps
Cadmium	106-1	12699	13006	12916	12874	1.23	cps
Cadmium	111-1	96810	98117	98986	97971	1.12	cps
Calcium	43-1	796463	798474	801832	798923	0.34	cps
Calcium	44-1	12314122	12248406	12301695	12288074	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2736483	2723678	2679541	2713234	1.10	cps
Cobalt	59-2	5226426	5301860	5232564	5253616	0.80	cps
Copper	63-2	3817215	3892609	3847272	3852365	0.99	cps
Dysprosium	156-1	31950	33163	33172	32761	2.15	cps
Dysprosium	156-2	25286	25296	24815	25132	1.09	cps
Erbium	164-1	41074	41572	41919	41522	1.02	cps
Erbium	164-2	27317	27083	27621	27340	0.99	cps
Gadolinium	160-1	35024	34666	35221	34970	0.80	cps
Gadolinium	160-2	24889	24268	24842	24666	1.40	cps
Holmium	165-1	12156132	11903356	12373088	12144192	1.94	cps
Holmium	165-2	8231479	8101260	8228716	8187152	0.91	cps
Indium	115-1	10415146	10300172	10424335	10379885	0.67	cps
Indium	115-2	3509859	3469345	3493577	3490927	0.58	cps
Iron	56-2	1064012331	1064865744	1057769851	1062215975	0.36	cps
Iron	57-2	25870727	26123078	25917006	25970270	0.52	cps
Iron	54-2	59104481	58557132	58164724	58608779	0.81	cps
Krypton	83-1	413	413	400	409	1.88	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:31:27	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	182922	182530	184559	183337	0.59	cps
Lead	207-1	162076	164142	164190	163469	0.74	cps
Lead	208-1	736087	742548	745472	741369	0.65	cps
Lithium	6-1	1426130	1454672	1417216	1432673	1.37	cps
Magnesium	24-2	27653301	27425639	27515716	27531552	0.42	cps
Manganese	55-2	28748216	28333402	28144679	28408766	1.09	cps
Molybdenum	94-1	41408	41545	42187	41714	1.00	cps
Molybdenum	95-1	8566	8379	8573	8506	1.29	cps
Molybdenum	96-1	25232	24748	27624	25868	5.95	cps
Molybdenum	97-1	5051	5521	5261	5278	4.46	cps
Molybdenum	98-1	12832	12859	12859	12850	0.12	cps
Neodymium	150-1	42705	43076	43086	42955	0.51	cps
Neodymium	150-2	24111	23964	23793	23956	0.66	cps
Nickel	60-2	1440580	1444036	1440686	1441767	0.14	cps
Phosphorus	31-2	17226	16783	16803	16937	1.48	cps
Potassium	39-2	655787	657911	660020	657906	0.32	cps
Rhodium	103-1	10005369	10099516	10171661	10092182	0.83	cps
Rhodium	103-2	6123117	6079763	6091712	6098197	0.37	cps
Scandium	45-1	8175992	8257792	8091165	8174983	1.02	cps
Scandium	45-2	783539	777621	784962	782041	0.50	cps
Selenium	82-1	16512	16546	16725	16594	0.69	cps
Selenium	77-2	1873	1607	1697	1726	7.86	cps
Selenium	78-2	5915	5915	5528	5786	3.86	cps
Silicon	28-1	30988341	30808826	30859567	30885578	0.30	cps
Silver	107-1	569451	572044	579887	573794	0.95	cps
Silver	109-1	535864	537640	545511	539672	0.95	cps
Sodium	23-2	530404	539705	534277	534795	0.87	cps
Strontium	86-1	415587	420555	422455	419532	0.85	cps
Strontium	88-1	3640158	3684394	3657252	3660601	0.61	cps
Sulfur	34-1	238818	240386	238506	239236	0.42	cps
Terbium	159-1	12425679	12631588	12658120	12571796	1.01	cps
Terbium	159-2	8098802	8110293	8137538	8115544	0.25	cps
Thallium	203-1	285395	288246	293450	289030	1.41	cps
Thallium	205-1	681465	682384	693759	685869	1.00	cps
Tin	118-1	20622	21393	21289	21101	1.98	cps
Titanium	47-1	4863506	4930195	4954408	4916036	0.96	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:31:27	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14214	14465	14001	14227	1.63	cps
Vanadium	51-2	4939629	4995863	4948889	4961460	0.61	cps
Yttrium	89-1	19522443	19700429	19699548	19640807	0.52	cps
Yttrium	89-2	4869179	4905500	4811014	4861898	0.98	cps
Zinc	66-2	673300	671122	668338	670920	0.37	cps
Zirconium	90-1	98172	99669	101793	99878	1.82	cps
Zirconium	91-1	22067	23075	23018	22720	2.49	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MS	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:34:31	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26982570	26952540	26675835	26870315	0.63	cps
Antimony	121-1	3484848	3505341	3563141	3517777	1.15	cps
Arsenic	75-2	255141	254901	252013	254018	0.69	cps
Barium	135-1	17397309	17795270	18171822	17788134	2.18	cps
Barium	137-1	29788323	30426124	30687815	30300754	1.53	cps
Beryllium	9-1	256741	260330	261486	259519	0.95	cps
Bismuth	209-1	6931187	7083676	7135311	7050058	1.51	cps
Bismuth	209-2	5336321	5358590	5371785	5355566	0.33	cps
Bromine	81-1	14097	13887	13993	13992	0.75	cps
Bromine	81-2	803	750	793	782	3.62	cps
Cadmium	108-1	29223	30505	30479	30069	2.44	cps
Cadmium	106-1	44966	45846	45899	45570	1.15	cps
Cadmium	111-1	444265	452016	452666	449649	1.04	cps
Calcium	43-1	767034	790470	792073	783193	1.79	cps
Calcium	44-1	11816866	11978476	12133506	11976283	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5138884	5128243	5196068	5154398	0.71	cps
Cobalt	59-2	14611825	14693397	14569467	14624897	0.43	cps
Copper	63-2	6889467	6958013	6934804	6927428	0.50	cps
Dysprosium	156-1	31960	33744	32641	32782	2.75	cps
Dysprosium	156-2	25066	24698	24508	24758	1.15	cps
Erbium	164-1	40683	40285	41816	40928	1.94	cps
Erbium	164-2	26649	26722	26923	26765	0.53	cps
Gadolinium	160-1	33988	34366	34947	34433	1.40	cps
Gadolinium	160-2	24712	25199	24224	24712	1.97	cps
Holmium	165-1	12116481	12320226	12464018	12300242	1.42	cps
Holmium	165-2	8098134	8188340	8386271	8224248	1.79	cps
Indium	115-1	10304699	10398123	10601735	10434852	1.46	cps
Indium	115-2	3489761	3464099	3494413	3482758	0.47	cps
Iron	56-2	1064471451	1049805131	1044847558	1053041380	0.97	cps
Iron	57-2	25867924	25805236	25726314	25799825	0.28	cps
Iron	54-2	58429831	58328421	57701754	58153335	0.68	cps
Krypton	83-1	383	370	420	391	6.62	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MS	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:34:31	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	528320	529915	534309	530848	0.58	cps
Lead	207-1	458101	468453	475323	467292	1.86	cps
Lead	208-1	2093675	2137404	2157782	2129621	1.54	cps
Lithium	6-1	1422519	1415278	1371199	1402999	1.98	cps
Magnesium	24-2	27245045	27234360	26934630	27138012	0.65	cps
Manganese	55-2	33334996	32966613	32990000	33097203	0.62	cps
Molybdenum	94-1	40078	41111	41646	40945	1.95	cps
Molybdenum	95-1	8786	8599	9270	8885	3.89	cps
Molybdenum	96-1	25222	24671	25218	25037	1.27	cps
Molybdenum	97-1	5241	5308	5371	5307	1.23	cps
Molybdenum	98-1	12882	13353	13196	13144	1.82	cps
Neodymium	150-1	41926	43039	43323	42763	1.73	cps
Neodymium	150-2	23974	23446	23613	23678	1.14	cps
Nickel	60-2	3879601	3881007	3859742	3873450	0.31	cps
Phosphorus	31-2	16075	16082	15935	16031	0.52	cps
Potassium	39-2	644992	643842	641581	643472	0.27	cps
Rhodium	103-1	9861869	10050776	10014265	9975637	1.00	cps
Rhodium	103-2	6145522	6228282	6103905	6159236	1.03	cps
Scandium	45-1	8068757	8045970	8142961	8085896	0.63	cps
Scandium	45-2	776104	774887	773056	774682	0.20	cps
Selenium	82-1	69418	70282	70928	70210	1.08	cps
Selenium	77-2	6788	7058	7275	7041	3.46	cps
Selenium	78-2	23121	23846	23208	23392	1.69	cps
Silicon	28-1	27695538	29084757	29407073	28729123	3.17	cps
Silver	107-1	1270555	1925062	1461516	1552378	21.68	cps
Silver	109-1	1271598	1282352	1312174	1288708	1.63	cps
Sodium	23-2	525933	525618	527840	526464	0.23	cps
Strontium	86-1	405754	412977	416311	411681	1.31	cps
Strontium	88-1	3555193	3578829	3619542	3584521	0.91	cps
Sulfur	34-1	230675	230093	226203	228990	1.06	cps
Terbium	159-1	12571145	12656637	12806045	12677942	0.94	cps
Terbium	159-2	7996260	8097018	7948154	8013811	0.95	cps
Thallium	203-1	1344182	1364218	1377038	1361813	1.22	cps
Thallium	205-1	3565598	3708302	3680348	3651416	2.07	cps
Tin	118-1	20752	20788	21323	20954	1.52	cps
Titanium	47-1	4678883	4735711	4839760	4751451	1.72	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MS	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:34:31	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13677	14331	13884	13964	2.39	cps
Vanadium	51-2	10251184	10259521	10374715	10295140	0.67	cps
Yttrium	89-1	19297133	19472641	19603285	19457687	0.79	cps
Yttrium	89-2	4939930	4925829	4880085	4915281	0.64	cps
Zinc	66-2	1701779	1643460	1683896	1676378	1.78	cps
Zirconium	90-1	97236	100625	100249	99370	1.87	cps
Zirconium	91-1	22621	22865	23533	23006	2.05	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:41:04	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16851921	17024175	16889915	16922003	0.53	cps
Antimony	121-1	5941057	6199652	6213313	6118007	2.51	cps
Arsenic	75-2	357251	360814	357003	358356	0.59	cps
Barium	135-1	7901506	8029062	8056829	7995799	1.04	cps
Barium	137-1	13725593	13796345	13872422	13798120	0.53	cps
Beryllium	9-1	1109261	1121415	1135616	1122097	1.18	cps
Bismuth	209-1	7114748	7027130	7076226	7072701	0.62	cps
Bismuth	209-2	5208931	5320941	5257839	5262571	1.07	cps
Bromine	81-1	12052	12562	11902	12172	2.84	cps
Bromine	81-2	93	130	130	118	17.97	cps
Cadmium	108-1	110698	113355	112569	112208	1.22	cps
Cadmium	106-1	160742	166600	165292	164211	1.87	cps
Cadmium	111-1	1493169	1512238	1514816	1506741	0.78	cps
Calcium	43-1	9896379	9922477	10055153	9958003	0.85	cps
Calcium	44-1	156728351	159594218	159957161	158759910	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3059621	3095902	3089727	3081750	0.63	cps
Cobalt	59-2	4917546	4909467	4929592	4918868	0.21	cps
Copper	63-2	34278723	34417258	33839323	34178434	0.88	cps
Dysprosium	156-1	283	293	313	297	5.15	cps
Dysprosium	156-2	443	433	420	432	2.71	cps
Erbium	164-1	287	353	417	352	18.46	cps
Erbium	164-2	220	213	260	231	10.92	cps
Gadolinium	160-1	287	247	267	267	7.50	cps
Gadolinium	160-2	433	430	463	442	4.15	cps
Holmium	165-1	12331206	12459844	12236654	12342568	0.91	cps
Holmium	165-2	8355465	8316824	8232509	8301600	0.76	cps
Indium	115-1	10225119	10058813	10198826	10160919	0.88	cps
Indium	115-2	3415145	3359556	3364967	3379889	0.91	cps
Iron	56-2	656336097	648577204	648925084	651279461	0.67	cps
Iron	57-2	16225718	16213742	15993423	16144294	0.81	cps
Iron	54-2	36362245	35859035	36137753	36119678	0.70	cps
Krypton	83-1	310	327	380	339	10.79	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:41:04	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20997685	21198470	21290925	21162360	0.71	cps
Lead	207-1	18661942	19034856	18958376	18885058	1.04	cps
Lead	208-1	85041019	85879549	85715002	85545190	0.52	cps
Lithium	6-1	1521184	1572504	1556669	1550119	1.70	cps
Magnesium	24-2	142821285	142944288	140372828	142046133	1.02	cps
Manganese	55-2	22059167	21919037	21777346	21918517	0.64	cps
Molybdenum	94-1	25435795	25667106	25774014	25625639	0.67	cps
Molybdenum	95-1	37300954	37744907	37671704	37572522	0.63	cps
Molybdenum	96-1	40622622	41101981	40890680	40871761	0.59	cps
Molybdenum	97-1	23409650	23511716	23482486	23467951	0.22	cps
Molybdenum	98-1	59780821	60065711	60152449	59999660	0.32	cps
Neodymium	150-1	420	430	403	418	3.22	cps
Neodymium	150-2	90	147	150	129	26.16	cps
Nickel	60-2	1206851	1214799	1207297	1209649	0.37	cps
Phosphorus	31-2	187031	187355	183924	186103	1.02	cps
Potassium	39-2	90308142	90272775	89660212	90080376	0.40	cps
Rhodium	103-1	9718158	9737650	9771459	9742423	0.28	cps
Rhodium	103-2	5751567	5756865	5734741	5747724	0.20	cps
Scandium	45-1	7123540	7030501	7055250	7069764	0.68	cps
Scandium	45-2	647056	651805	653870	650910	0.54	cps
Selenium	82-1	103276	104826	104264	104122	0.75	cps
Selenium	77-2	9977	10023	10614	10205	3.48	cps
Selenium	78-2	33324	33815	32957	33365	1.29	cps
Silicon	28-1	28926172	29617305	29064468	29202648	1.25	cps
Silver	107-1	7646338	7907936	7911271	7821848	1.94	cps
Silver	109-1	7216754	7499036	7317470	7344420	1.95	cps
Sodium	23-2	242671843	242351083	239857636	241626854	0.64	cps
Strontium	86-1	54464934	55793953	55285331	55181406	1.22	cps
Strontium	88-1	477191606	490808153	483029099	483676286	1.41	cps
Sulfur	34-1	879774	877203	878159	878379	0.15	cps
Terbium	159-1	12770538	12773392	12640845	12728259	0.59	cps
Terbium	159-2	8164071	8227743	8211464	8201092	0.40	cps
Thallium	203-1	5269635	5212788	5401861	5294761	1.83	cps
Thallium	205-1	12673395	12674799	12792147	12713447	0.54	cps
Tin	118-1	5115046	5286032	5263372	5221483	1.78	cps
Titanium	47-1	10363283	10414542	10481302	10419709	0.57	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV009	Instrumnet Name :	P7
Client Sample ID :	CCV009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:41:04	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16529004	17194067	17278606	17000559	2.41	cps
Vanadium	51-2	2763191	2792378	2797902	2784490	0.67	cps
Yttrium	89-1	18856376	18886828	18707621	18816942	0.51	cps
Yttrium	89-2	4621927	4571439	4585198	4592855	0.57	cps
Zinc	66-2	5220571	5207066	5191565	5206401	0.28	cps
Zirconium	90-1	11902874	11866312	12046034	11938407	0.80	cps
Zirconium	91-1	2620682	2654238	2617612	2630844	0.77	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:44:00	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1130	1157	1333	1207	9.16	cps
Antimony	121-1	4451	4474	4411	4445	0.72	cps
Arsenic	75-2	33	30	27	30	11.10	cps
Barium	135-1	627	443	463	511	19.68	cps
Barium	137-1	1097	843	857	932	15.29	cps
Beryllium	9-1	142	92	82	106	30.07	cps
Bismuth	209-1	7333233	7256894	7462038	7350722	1.41	cps
Bismuth	209-2	5680157	5663757	5635348	5659754	0.40	cps
Bromine	81-1	11388	11638	11441	11489	1.15	cps
Bromine	81-2	130	113	120	121	6.92	cps
Cadmium	108-1	17	37	33	29	37.08	cps
Cadmium	106-1	3610	3550	3394	3518	3.18	cps
Cadmium	111-1	2672	2590	2462	2575	4.11	cps
Calcium	43-1	1177	1057	877	1037	14.57	cps
Calcium	44-1	38015	35589	34437	36014	5.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1780	1867	1797	1815	2.54	cps
Cobalt	59-2	333	277	320	310	9.56	cps
Copper	63-2	3577	3624	3734	3645	2.21	cps
Dysprosium	156-1	23	3	3	10	115.51	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	87	80	77	81	6.28	cps
Erbium	164-2	40	47	43	43	7.70	cps
Gadolinium	160-1	47	70	77	64	24.44	cps
Gadolinium	160-2	270	277	310	286	7.51	cps
Holmium	165-1	12178703	12005229	12265992	12149975	1.09	cps
Holmium	165-2	8388273	8150938	8289641	8276284	1.44	cps
Indium	115-1	10483135	10452692	10520204	10485343	0.32	cps
Indium	115-2	3597179	3555573	3533064	3561939	0.91	cps
Iron	56-2	48612	47595	47695	47967	1.17	cps
Iron	57-2	2880	2640	2937	2819	5.59	cps
Iron	54-2	4257	4344	4261	4287	1.15	cps
Krypton	83-1	393	337	317	349	11.40	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:44:00	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2234	1990	1800	2008	10.82	cps
Lead	207-1	2137	1797	1543	1826	16.31	cps
Lead	208-1	9318	8048	7137	8168	13.41	cps
Lithium	6-1	1565958	1564951	1553894	1561601	0.43	cps
Magnesium	24-2	5531	5458	5351	5447	1.66	cps
Manganese	55-2	1337	1370	1377	1361	1.57	cps
Molybdenum	94-1	4061	3617	3094	3590	13.48	cps
Molybdenum	95-1	3157	2634	2350	2714	15.08	cps
Molybdenum	96-1	3654	3054	3017	3242	11.03	cps
Molybdenum	97-1	1930	1567	1403	1633	16.51	cps
Molybdenum	98-1	4964	3897	3941	4267	14.15	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	333	273	327	311	10.57	cps
Phosphorus	31-2	203	210	197	203	3.28	cps
Potassium	39-2	97375	96178	95349	96301	1.06	cps
Rhodium	103-1	10064882	10150168	10148063	10121038	0.48	cps
Rhodium	103-2	6154347	6285724	6271057	6237043	1.15	cps
Scandium	45-1	6738702	6811126	6859474	6803101	0.89	cps
Scandium	45-2	635405	637882	636344	636544	0.20	cps
Selenium	82-1	333	416	440	396	14.25	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	413	530	423	456	14.20	cps
Silicon	28-1	356639	358263	361138	358680	0.64	cps
Silver	107-1	1210	973	813	999	19.98	cps
Silver	109-1	1023	807	793	874	14.77	cps
Sodium	23-2	71508	71163	70869	71180	0.45	cps
Strontium	86-1	3741	2970	2434	3048	21.55	cps
Strontium	88-1	26671	20321	17667	21553	21.47	cps
Sulfur	34-1	272095	273999	273025	273040	0.35	cps
Terbium	159-1	12425116	12529422	12550453	12501664	0.54	cps
Terbium	159-2	8159902	8229903	8135173	8174992	0.60	cps
Thallium	203-1	1033	817	697	849	20.10	cps
Thallium	205-1	2307	2057	1783	2049	12.78	cps
Tin	118-1	3207	3230	3577	3338	6.21	cps
Titanium	47-1	877	783	953	871	9.77	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB009	Instrumnet Name :	P7
Client Sample ID :	CCB009	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:44:00	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	927	647	633	736	22.52	cps
Vanadium	51-2	197	127	133	152	25.38	cps
Yttrium	89-1	18071109	18285464	18453847	18270140	1.05	cps
Yttrium	89-2	4605820	4662323	4616482	4628208	0.65	cps
Zinc	66-2	1317	1277	1350	1315	2.79	cps
Zirconium	90-1	6421	5231	4387	5347	19.11	cps
Zirconium	91-1	1397	1160	1057	1205	14.47	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-10	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:47:20	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11564719	11469407	11303376	11445834	1.16	cps
Antimony	121-1	38344	38284	38318	38315	0.08	cps
Arsenic	75-2	173940	174071	169870	172627	1.38	cps
Barium	135-1	2099509	2101621	2142294	2114475	1.14	cps
Barium	137-1	3573787	3658468	3671513	3634589	1.46	cps
Beryllium	9-1	2455	2744	2847	2682	7.58	cps
Bismuth	209-1	7506243	7480624	7560042	7515636	0.54	cps
Bismuth	209-2	5663736	5714954	5661280	5679990	0.53	cps
Bromine	81-1	15408	14808	15799	15338	3.25	cps
Bromine	81-2	797	957	950	901	10.04	cps
Cadmium	108-1	707	627	543	626	13.06	cps
Cadmium	106-1	4921	5101	4777	4933	3.29	cps
Cadmium	111-1	8054	8010	8155	8073	0.92	cps
Calcium	43-1	454420	456493	453749	454888	0.31	cps
Calcium	44-1	7045908	7014502	7075531	7045313	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	521416	517642	514851	517970	0.64	cps
Cobalt	59-2	756052	750152	753338	753181	0.39	cps
Copper	63-2	1834053	1807371	1763739	1801721	1.97	cps
Dysprosium	156-1	100819	101967	102222	101669	0.74	cps
Dysprosium	156-2	79963	80536	79376	79958	0.73	cps
Erbium	164-1	73787	74635	73619	74014	0.74	cps
Erbium	164-2	49032	49357	48009	48799	1.44	cps
Gadolinium	160-1	94382	95268	97715	95788	1.80	cps
Gadolinium	160-2	67203	66256	66821	66760	0.71	cps
Holmium	165-1	12913600	12847833	12910455	12890629	0.29	cps
Holmium	165-2	8525641	8461132	8475658	8487477	0.40	cps
Indium	115-1	10927829	11048847	10963374	10980016	0.57	cps
Indium	115-2	3683469	3621685	3662476	3655877	0.86	cps
Iron	56-2	935767159	941036706	924954520	933919462	0.88	cps
Iron	57-2	23548745	22836543	22737040	23040776	1.92	cps
Iron	54-2	51777261	51294799	51718491	51596850	0.51	cps
Krypton	83-1	403	517	440	453	12.76	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-10	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:47:20	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	468713	462686	462903	464768	0.74	cps
Lead	207-1	411191	414178	407295	410888	0.84	cps
Lead	208-1	1872212	1865131	1861989	1866444	0.28	cps
Lithium	6-1	1493114	1453911	1563601	1503542	3.70	cps
Magnesium	24-2	7627973	7642795	7494564	7588444	1.08	cps
Manganese	55-2	50875176	50003549	50728804	50535843	0.92	cps
Molybdenum	94-1	89854	90776	89618	90083	0.68	cps
Molybdenum	95-1	22544	22063	21896	22168	1.52	cps
Molybdenum	96-1	45216	45752	44962	45310	0.89	cps
Molybdenum	97-1	13103	13143	13163	13136	0.23	cps
Molybdenum	98-1	32449	33405	32817	32890	1.47	cps
Neodymium	150-1	178112	181615	180915	180214	1.03	cps
Neodymium	150-2	99787	101260	101211	100752	0.83	cps
Nickel	60-2	291576	286955	286426	288319	0.98	cps
Phosphorus	31-2	38686	38074	37653	38137	1.36	cps
Potassium	39-2	5328885	5202189	5203674	5244916	1.39	cps
Rhodium	103-1	10746488	10652376	10707485	10702116	0.44	cps
Rhodium	103-2	6409645	6458543	6393942	6420710	0.52	cps
Scandium	45-1	7827057	7706691	7798146	7777298	0.81	cps
Scandium	45-2	727981	715944	712151	718692	1.15	cps
Selenium	82-1	900	796	897	864	6.88	cps
Selenium	77-2	463	487	433	461	5.80	cps
Selenium	78-2	790	680	823	764	9.81	cps
Silicon	28-1	21514355	21744704	21586374	21615144	0.55	cps
Silver	107-1	5808	5554	5751	5705	2.33	cps
Silver	109-1	5384	5181	5038	5201	3.35	cps
Sodium	23-2	211410	210978	212006	211465	0.24	cps
Strontium	86-1	435116	441116	435768	437333	0.75	cps
Strontium	88-1	3843823	3931238	3880628	3885230	1.13	cps
Sulfur	34-1	291397	272078	262291	275256	5.38	cps
Terbium	159-1	12972541	13264298	13119339	13118726	1.11	cps
Terbium	159-2	8539085	8502808	8501249	8514380	0.25	cps
Thallium	203-1	2560	2524	2484	2522	1.52	cps
Thallium	205-1	6125	6255	6058	6146	1.63	cps
Tin	118-1	24484	24608	24634	24576	0.33	cps
Titanium	47-1	455856	459249	455499	456868	0.45	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-10	Instrumnet Name :	P7
Client Sample ID :	MYD0Y9	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:47:20	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40164	39729	39626	39839	0.72	cps
Vanadium	51-2	1067789	1063141	1054761	1061897	0.62	cps
Yttrium	89-1	21269170	21112736	20941875	21107927	0.78	cps
Yttrium	89-2	5184443	5251461	5081627	5172510	1.65	cps
Zinc	66-2	385628	385264	380400	383764	0.76	cps
Zirconium	90-1	214507	219081	217102	216896	1.06	cps
Zirconium	91-1	48399	48038	47584	48007	0.85	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-11	Instrumnet Name :	P7
Client Sample ID :	MYD0Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:50:26	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12224674	12002673	12061844	12096397	0.95	cps
Antimony	121-1	34692	35287	35136	35038	0.88	cps
Arsenic	75-2	194401	196517	195132	195350	0.55	cps
Barium	135-1	1813331	1756215	1793536	1787694	1.62	cps
Barium	137-1	3133613	2998153	3181482	3104416	3.06	cps
Beryllium	9-1	3398	3501	3506	3468	1.75	cps
Bismuth	209-1	7589491	7405034	7503829	7499451	1.23	cps
Bismuth	209-2	5665131	5700365	5599593	5655030	0.90	cps
Bromine	81-1	18625	18899	18775	18766	0.73	cps
Bromine	81-2	1547	1580	1680	1602	4.33	cps
Cadmium	108-1	353	337	330	340	3.53	cps
Cadmium	106-1	4494	4107	4254	4285	4.56	cps
Cadmium	111-1	4662	4390	4444	4498	3.21	cps
Calcium	43-1	398227	400331	404859	401139	0.84	cps
Calcium	44-1	6137454	6206372	6197808	6180545	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474256	471263	473392	472970	0.33	cps
Cobalt	59-2	717162	709174	712960	713099	0.56	cps
Copper	63-2	1379362	1384682	1380885	1381643	0.20	cps
Dysprosium	156-1	111569	112856	113673	112699	0.94	cps
Dysprosium	156-2	88024	90419	89261	89235	1.34	cps
Erbium	164-1	77386	80614	77419	78473	2.36	cps
Erbium	164-2	52164	51692	51327	51728	0.81	cps
Gadolinium	160-1	106115	105124	105362	105534	0.49	cps
Gadolinium	160-2	75180	74396	75988	75188	1.06	cps
Holmium	165-1	12582591	12462894	12479841	12508442	0.52	cps
Holmium	165-2	8521294	8519197	8450552	8497014	0.47	cps
Indium	115-1	10867919	10906420	10745252	10839864	0.78	cps
Indium	115-2	3643481	3668349	3664463	3658764	0.37	cps
Iron	56-2	879426920	879917054	882884787	880742920	0.21	cps
Iron	57-2	21842225	21513280	21718402	21691302	0.77	cps
Iron	54-2	48180771	48782018	48647476	48536755	0.65	cps
Krypton	83-1	427	433	427	429	0.90	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-11	Instrumnet Name :	P7
Client Sample ID :	MYD0Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:50:26	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	762478	762429	754697	759868	0.59	cps
Lead	207-1	701569	699140	715627	705445	1.26	cps
Lead	208-1	3108046	3240135	3126988	3158390	2.26	cps
Lithium	6-1	1509431	1447558	1448029	1468339	2.42	cps
Magnesium	24-2	6227709	6196348	6121718	6181925	0.88	cps
Manganese	55-2	47129013	47681614	47538333	47449653	0.60	cps
Molybdenum	94-1	71098	69983	72589	71223	1.84	cps
Molybdenum	95-1	23052	22427	23542	23007	2.43	cps
Molybdenum	96-1	40991	41826	42368	41728	1.66	cps
Molybdenum	97-1	13610	13583	13403	13532	0.83	cps
Molybdenum	98-1	33552	33806	33782	33713	0.42	cps
Neodymium	150-1	205270	213649	209078	209332	2.00	cps
Neodymium	150-2	118238	117871	116947	117685	0.57	cps
Nickel	60-2	258606	262909	259676	260397	0.86	cps
Phosphorus	31-2	24580	24777	24329	24562	0.91	cps
Potassium	39-2	3282821	3242344	3254397	3259854	0.64	cps
Rhodium	103-1	10493384	10705819	10527912	10575705	1.08	cps
Rhodium	103-2	6503896	6387573	6453735	6448401	0.90	cps
Scandium	45-1	7585274	7469266	7595798	7550112	0.93	cps
Scandium	45-2	713281	720644	709813	714580	0.77	cps
Selenium	82-1	902	851	971	908	6.65	cps
Selenium	77-2	557	523	507	529	4.81	cps
Selenium	78-2	847	1000	823	890	10.78	cps
Silicon	28-1	28218858	28325049	28544945	28362950	0.59	cps
Silver	107-1	3921	3851	3931	3901	1.12	cps
Silver	109-1	3580	3457	3294	3444	4.18	cps
Sodium	23-2	208178	212908	213567	211551	1.39	cps
Strontium	86-1	426633	430851	432945	430143	0.75	cps
Strontium	88-1	3764176	3793784	3778183	3778714	0.39	cps
Sulfur	34-1	238794	232674	227830	233100	2.36	cps
Terbium	159-1	13030956	12962984	12789409	12927783	0.96	cps
Terbium	159-2	8344292	8489645	8485326	8439754	0.98	cps
Thallium	203-1	2140	2094	2314	2182	5.31	cps
Thallium	205-1	5151	5191	5308	5217	1.56	cps
Tin	118-1	21576	23272	22227	22359	3.83	cps
Titanium	47-1	316732	323894	323111	321246	1.22	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-11	Instrumnet Name :	P7
Client Sample ID :	MYD0Z0	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:50:26	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	48669	48986	49498	49051	0.85	cps
Vanadium	51-2	972283	969212	971209	970901	0.16	cps
Yttrium	89-1	20759016	20623106	20803064	20728395	0.45	cps
Yttrium	89-2	5232078	5158588	5127957	5172875	1.03	cps
Zinc	66-2	308225	308798	307685	308236	0.18	cps
Zirconium	90-1	160641	161066	164069	161925	1.15	cps
Zirconium	91-1	36536	37160	36829	36842	0.85	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-12	Instrumnet Name :	P7
Client Sample ID :	MYD0Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:53:35	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8618056	8628937	8665678	8637557	0.29	cps
Antimony	121-1	33419	33820	33890	33710	0.75	cps
Arsenic	75-2	134113	132236	134465	133605	0.90	cps
Barium	135-1	1599289	1642561	1599057	1613636	1.55	cps
Barium	137-1	2784165	2781659	2804027	2789950	0.44	cps
Beryllium	9-1	2445	2544	2648	2545	3.99	cps
Bismuth	209-1	7525016	7562331	7516191	7534513	0.33	cps
Bismuth	209-2	5735933	5629417	5655557	5673635	0.98	cps
Bromine	81-1	15291	15902	15875	15690	2.20	cps
Bromine	81-2	1003	1113	1023	1047	5.60	cps
Cadmium	108-1	283	317	263	288	9.36	cps
Cadmium	106-1	4194	4227	4124	4182	1.26	cps
Cadmium	111-1	3914	3948	3909	3924	0.53	cps
Calcium	43-1	314745	319965	318531	317747	0.85	cps
Calcium	44-1	4854937	4894259	4832771	4860656	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	336652	330973	328645	332090	1.24	cps
Cobalt	59-2	656847	658882	658866	658198	0.18	cps
Copper	63-2	972118	968936	969013	970022	0.19	cps
Dysprosium	156-1	88936	90006	88651	89198	0.80	cps
Dysprosium	156-2	70348	71384	71179	70970	0.77	cps
Erbium	164-1	61441	62623	62686	62250	1.13	cps
Erbium	164-2	40786	40766	40900	40817	0.18	cps
Gadolinium	160-1	82062	84291	83608	83320	1.37	cps
Gadolinium	160-2	58468	58689	57715	58291	0.88	cps
Holmium	165-1	12782294	12775813	12692831	12750313	0.39	cps
Holmium	165-2	8590703	8438580	8391056	8473446	1.23	cps
Indium	115-1	10833763	10793076	10936574	10854471	0.68	cps
Indium	115-2	3663131	3622919	3652738	3646263	0.57	cps
Iron	56-2	782738682	781459295	772410522	778869500	0.72	cps
Iron	57-2	19302991	19320947	19159143	19261027	0.46	cps
Iron	54-2	43434533	42957448	43215311	43202430	0.55	cps
Krypton	83-1	450	513	407	457	11.75	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-12	Instrumnet Name :	P7
Client Sample ID :	MYD0Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:53:35	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	168080	167941	166313	167445	0.59	cps
Lead	207-1	146949	149574	148462	148328	0.89	cps
Lead	208-1	674079	678835	673253	675389	0.45	cps
Lithium	6-1	1497560	1437465	1457190	1464072	2.09	cps
Magnesium	24-2	4966424	4870375	4871937	4902912	1.12	cps
Manganese	55-2	46023364	45520163	45068438	45537322	1.05	cps
Molybdenum	94-1	66102	68529	69598	68076	2.63	cps
Molybdenum	95-1	17871	18211	17941	18008	1.00	cps
Molybdenum	96-1	34952	35603	35500	35352	0.99	cps
Molybdenum	97-1	10511	10651	10430	10531	1.06	cps
Molybdenum	98-1	26477	26514	26888	26627	0.85	cps
Neodymium	150-1	159407	163024	162789	161740	1.25	cps
Neodymium	150-2	92216	91427	91149	91597	0.60	cps
Nickel	60-2	205897	206327	204955	205726	0.34	cps
Phosphorus	31-2	19399	18732	19452	19194	2.09	cps
Potassium	39-2	2237749	2281195	2230366	2249770	1.22	cps
Rhodium	103-1	10504138	10631024	10587460	10574208	0.61	cps
Rhodium	103-2	6466683	6318305	6433155	6406048	1.21	cps
Scandium	45-1	7550267	7539336	7594999	7561534	0.39	cps
Scandium	45-2	708997	704207	707014	706739	0.34	cps
Selenium	82-1	786	745	804	778	3.93	cps
Selenium	77-2	403	420	403	409	2.35	cps
Selenium	78-2	777	753	827	786	4.77	cps
Silicon	28-1	20291144	20574595	20746059	20537266	1.12	cps
Silver	107-1	1680	1657	1740	1692	2.54	cps
Silver	109-1	1400	1333	1370	1368	2.44	cps
Sodium	23-2	195832	196020	194981	195611	0.28	cps
Strontium	86-1	413607	412175	412736	412839	0.17	cps
Strontium	88-1	3569938	3644117	3626805	3613620	1.07	cps
Sulfur	34-1	223300	223163	222837	223100	0.11	cps
Terbium	159-1	13214126	13152499	12919684	13095436	1.19	cps
Terbium	159-2	8388061	8424883	8468295	8427080	0.48	cps
Thallium	203-1	1717	1773	1653	1715	3.50	cps
Thallium	205-1	4077	3964	4167	4070	2.50	cps
Tin	118-1	20298	20645	24256	21733	10.09	cps
Titanium	47-1	176523	180342	178794	178553	1.08	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-12	Instrumnet Name :	P7
Client Sample ID :	MYD0Z1	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:53:35	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37901	39298	38272	38490	1.88	cps
Vanadium	51-2	647446	641233	641543	643407	0.54	cps
Yttrium	89-1	20429014	20444468	20493473	20455652	0.16	cps
Yttrium	89-2	5182993	5158034	5095304	5145444	0.88	cps
Zinc	66-2	363280	363368	360637	362428	0.43	cps
Zirconium	90-1	160460	160964	158916	160113	0.67	cps
Zirconium	91-1	35386	36666	36088	36046	1.78	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-13	Instrumnet Name :	P7
Client Sample ID :	MYDA43	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:56:43	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21643726	21422039	21501378	21522381	0.52	cps
Antimony	121-1	24925	25753	25352	25343	1.63	cps
Arsenic	75-2	137376	137076	137264	137239	0.11	cps
Barium	135-1	1916555	1943652	1966460	1942222	1.29	cps
Barium	137-1	3311157	3231727	3327150	3290011	1.55	cps
Beryllium	9-1	3492	3512	3488	3497	0.37	cps
Bismuth	209-1	7467678	7499417	7326407	7431167	1.24	cps
Bismuth	209-2	5708045	5697202	5672102	5692450	0.32	cps
Bromine	81-1	15745	15251	15902	15633	2.17	cps
Bromine	81-2	850	987	1080	972	11.90	cps
Cadmium	108-1	630	577	570	592	5.55	cps
Cadmium	106-1	4547	4761	4797	4702	2.87	cps
Cadmium	111-1	7143	7303	7360	7269	1.55	cps
Calcium	43-1	609560	615809	609130	611500	0.61	cps
Calcium	44-1	9127396	9204513	9441349	9257753	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	997071	999691	992196	996319	0.38	cps
Cobalt	59-2	811922	814713	810023	812219	0.29	cps
Copper	63-2	2119579	2080548	2120814	2106980	1.09	cps
Dysprosium	156-1	89191	89788	89154	89378	0.40	cps
Dysprosium	156-2	71096	71072	71511	71226	0.35	cps
Erbium	164-1	81385	82355	83132	82291	1.06	cps
Erbium	164-2	54569	53830	54650	54350	0.83	cps
Gadolinium	160-1	87568	87068	88765	87801	0.99	cps
Gadolinium	160-2	61143	60855	61116	61038	0.26	cps
Holmium	165-1	12623576	12755149	12529900	12636208	0.90	cps
Holmium	165-2	8630125	8588148	8396946	8538407	1.46	cps
Indium	115-1	10743099	10570591	10994502	10769397	1.98	cps
Indium	115-2	3625576	3600401	3611143	3612374	0.35	cps
Iron	56-2	943756893	947423533	944190706	945123710	0.21	cps
Iron	57-2	23403640	23484679	23219417	23369245	0.58	cps
Iron	54-2	51980224	52124499	51717748	51940824	0.40	cps
Krypton	83-1	477	443	423	448	6.02	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-13	Instrumnet Name :	P7
Client Sample ID :	MYDA43	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:56:43	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	453452	456287	452993	454244	0.39	cps
Lead	207-1	407020	408023	402376	405806	0.74	cps
Lead	208-1	1824466	1828536	1834025	1829009	0.26	cps
Lithium	6-1	1443036	1486578	1579265	1502960	4.63	cps
Magnesium	24-2	21061618	20943006	21131303	21045309	0.45	cps
Manganese	55-2	16208009	16093959	16021512	16107827	0.58	cps
Molybdenum	94-1	139312	142617	138152	140027	1.65	cps
Molybdenum	95-1	12582	12682	13273	12846	2.91	cps
Molybdenum	96-1	45307	44213	45016	44845	1.26	cps
Molybdenum	97-1	7695	8069	7819	7861	2.42	cps
Molybdenum	98-1	19630	19790	20655	20025	2.75	cps
Neodymium	150-1	156801	158095	160304	158400	1.12	cps
Neodymium	150-2	88979	87932	88707	88539	0.61	cps
Nickel	60-2	366236	365335	362882	364818	0.48	cps
Phosphorus	31-2	55540	55657	55263	55487	0.37	cps
Potassium	39-2	9064126	9038752	8876720	8993199	1.13	cps
Rhodium	103-1	10495560	10384991	10433345	10437965	0.53	cps
Rhodium	103-2	6327569	6237581	6254617	6273256	0.76	cps
Scandium	45-1	8222995	8322508	8380316	8308606	0.96	cps
Scandium	45-2	770924	770395	766540	769286	0.31	cps
Selenium	82-1	835	907	861	868	4.25	cps
Selenium	77-2	403	350	453	402	12.85	cps
Selenium	78-2	753	747	757	752	0.68	cps
Silicon	28-1	20134572	20761697	20369136	20421802	1.55	cps
Silver	107-1	4874	4978	4928	4926	1.05	cps
Silver	109-1	4244	4437	4261	4314	2.48	cps
Sodium	23-2	268954	265964	270100	268339	0.80	cps
Strontium	86-1	358267	363506	357414	359729	0.92	cps
Strontium	88-1	3218217	3285904	3159320	3221147	1.97	cps
Sulfur	34-1	248031	249440	251259	249577	0.65	cps
Terbium	159-1	13731733	13524584	13040176	13432164	2.64	cps
Terbium	159-2	8384681	8313216	8559814	8419237	1.51	cps
Thallium	203-1	3621	3794	3704	3706	2.34	cps
Thallium	205-1	8546	8810	8846	8734	1.87	cps
Tin	118-1	35123	34979	36115	35406	1.75	cps
Titanium	47-1	2661090	2686876	2642686	2663551	0.83	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-13	Instrumnet Name :	P7
Client Sample ID :	MYDA43	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:56:43	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35023	35370	34889	35094	0.71	cps
Vanadium	51-2	2490474	2494723	2443089	2476095	1.16	cps
Yttrium	89-1	21458632	21426957	20852703	21246097	1.61	cps
Yttrium	89-2	5169592	5153144	5174956	5165897	0.22	cps
Zinc	66-2	371440	370584	370955	370993	0.12	cps
Zirconium	90-1	359576	364549	370826	364983	1.54	cps
Zirconium	91-1	79614	80633	81327	80525	1.07	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-14	Instrumnet Name :	P7
Client Sample ID :	MYDA44	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:59:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20156274	20428117	20403536	20329309	0.74	cps
Antimony	121-1	29777	29921	30041	29913	0.44	cps
Arsenic	75-2	164011	162990	163883	163628	0.34	cps
Barium	135-1	1601455	1646502	1592540	1613499	1.79	cps
Barium	137-1	2783594	2804230	2836971	2808265	0.96	cps
Beryllium	9-1	2776	2882	3008	2889	4.03	cps
Bismuth	209-1	7481414	7561395	7827518	7623442	2.38	cps
Bismuth	209-2	5564817	5649105	5828234	5680719	2.37	cps
Bromine	81-1	12712	12415	12462	12530	1.27	cps
Bromine	81-2	457	517	480	484	6.24	cps
Cadmium	108-1	570	457	493	507	11.41	cps
Cadmium	106-1	4884	4814	4804	4834	0.90	cps
Cadmium	111-1	7311	7328	7228	7289	0.73	cps
Calcium	43-1	334919	341334	337102	337785	0.97	cps
Calcium	44-1	5111724	5143968	5321463	5192385	2.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1303384	1308568	1313711	1308554	0.39	cps
Cobalt	59-2	921187	929387	924830	925135	0.44	cps
Copper	63-2	2204188	2208538	2215148	2209291	0.25	cps
Dysprosium	156-1	81368	81217	80982	81189	0.24	cps
Dysprosium	156-2	62043	63185	63366	62865	1.14	cps
Erbium	164-1	70440	70607	71861	70969	1.09	cps
Erbium	164-2	47213	45698	46845	46585	1.70	cps
Gadolinium	160-1	73967	75086	75073	74709	0.86	cps
Gadolinium	160-2	53927	52836	53696	53486	1.07	cps
Holmium	165-1	13041151	12857097	12741786	12880011	1.17	cps
Holmium	165-2	8384632	8520208	8621680	8508840	1.40	cps
Indium	115-1	10576084	10434446	10708545	10573025	1.30	cps
Indium	115-2	3605592	3580637	3656746	3614325	1.07	cps
Iron	56-2	1137015770	1134935316	1120029717	1130660268	0.82	cps
Iron	57-2	28078991	27744941	27762973	27862302	0.67	cps
Iron	54-2	62929169	62796536	62522052	62749252	0.33	cps
Krypton	83-1	447	367	453	422	11.42	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-14	Instrumnet Name :	P7
Client Sample ID :	MYDA44	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:59:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	555049	557311	554475	555612	0.27	cps
Lead	207-1	476326	483308	486707	482114	1.10	cps
Lead	208-1	2161247	2193442	2241035	2198575	1.83	cps
Lithium	6-1	1534620	1535916	1624296	1564944	3.28	cps
Magnesium	24-2	21037572	21503931	21552859	21364787	1.33	cps
Manganese	55-2	31682345	31683959	31346496	31570933	0.62	cps
Molybdenum	94-1	108961	110792	109828	109860	0.83	cps
Molybdenum	95-1	15265	15682	15952	15633	2.22	cps
Molybdenum	96-1	44377	45163	44160	44567	1.18	cps
Molybdenum	97-1	9260	9680	9246	9395	2.62	cps
Molybdenum	98-1	23379	23860	24060	23766	1.47	cps
Neodymium	150-1	126791	130542	132840	130058	2.35	cps
Neodymium	150-2	72123	72535	72234	72298	0.30	cps
Nickel	60-2	341017	341748	341732	341499	0.12	cps
Phosphorus	31-2	41149	41566	41560	41425	0.58	cps
Potassium	39-2	10539065	10645880	10599072	10594672	0.51	cps
Rhodium	103-1	10456662	10277229	10451977	10395289	0.98	cps
Rhodium	103-2	6271601	6259600	6434014	6321738	1.54	cps
Scandium	45-1	7868440	8024038	8228208	8040229	2.24	cps
Scandium	45-2	756110	756510	760641	757754	0.33	cps
Selenium	82-1	667	827	718	737	11.10	cps
Selenium	77-2	340	277	250	289	16.00	cps
Selenium	78-2	660	647	747	684	7.93	cps
Silicon	28-1	27100194	27786008	27990175	27625459	1.69	cps
Silver	107-1	6738	7002	6772	6837	2.10	cps
Silver	109-1	6205	6395	6441	6347	1.98	cps
Sodium	23-2	290527	272056	273265	278616	3.71	cps
Strontium	86-1	342573	347044	344236	344618	0.66	cps
Strontium	88-1	3029213	3058015	3039445	3042224	0.48	cps
Sulfur	34-1	235707	236528	236759	236331	0.23	cps
Terbium	159-1	12853532	13005100	12765168	12874600	0.94	cps
Terbium	159-2	8564715	8636481	8600072	8600423	0.42	cps
Thallium	203-1	2870	2984	3200	3018	5.56	cps
Thallium	205-1	7052	6935	7375	7121	3.20	cps
Tin	118-1	26869	27022	27309	27067	0.83	cps
Titanium	47-1	2233883	2225991	2313989	2257954	2.16	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-14	Instrumnet Name :	P7
Client Sample ID :	MYDA44	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 15:59:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32102	32072	32396	32190	0.56	cps
Vanadium	51-2	2453507	2496203	2461360	2470356	0.92	cps
Yttrium	89-1	20253262	20378673	19883794	20171910	1.28	cps
Yttrium	89-2	5046577	5127435	5091848	5088620	0.80	cps
Zinc	66-2	352316	354763	350042	352374	0.67	cps
Zirconium	90-1	274419	278331	279595	277448	0.97	cps
Zirconium	91-1	61753	64116	64168	63345	2.18	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-15	Instrumnet Name :	P7
Client Sample ID :	MYDA45	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:02:56	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24664485	24322782	24719243	24568837	0.87	cps
Antimony	121-1	19787	19717	19787	19764	0.20	cps
Arsenic	75-2	131523	132697	131583	131934	0.50	cps
Barium	135-1	2180868	2261779	2206652	2216433	1.86	cps
Barium	137-1	3768520	3878757	3749524	3798934	1.84	cps
Beryllium	9-1	3783	3929	3909	3874	2.04	cps
Bismuth	209-1	7604455	7406346	7663831	7558211	1.78	cps
Bismuth	209-2	5703424	5670666	5792188	5722093	1.10	cps
Bromine	81-1	14187	14661	14317	14388	1.70	cps
Bromine	81-2	967	867	953	929	5.85	cps
Cadmium	108-1	827	793	850	823	3.46	cps
Cadmium	106-1	5684	5468	5488	5547	2.16	cps
Cadmium	111-1	8408	8170	8117	8232	1.88	cps
Calcium	43-1	654454	671303	646625	657460	1.92	cps
Calcium	44-1	9913913	10036363	10092556	10014277	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	962900	964762	965079	964247	0.12	cps
Cobalt	59-2	843350	847884	842443	844559	0.35	cps
Copper	63-2	2325146	2305387	2333074	2321202	0.61	cps
Dysprosium	156-1	94760	93952	93730	94148	0.58	cps
Dysprosium	156-2	75063	74616	75207	74962	0.41	cps
Erbium	164-1	82968	86298	88055	85774	3.01	cps
Erbium	164-2	56580	56674	56179	56478	0.47	cps
Gadolinium	160-1	88350	89161	88393	88635	0.52	cps
Gadolinium	160-2	63292	61692	62850	62611	1.32	cps
Holmium	165-1	13067991	12668297	12779949	12838746	1.61	cps
Holmium	165-2	8553301	8699705	8637884	8630297	0.85	cps
Indium	115-1	10792924	10561698	10992711	10782445	2.00	cps
Indium	115-2	3543061	3631272	3615554	3596629	1.31	cps
Iron	56-2	941750919	950546573	942972599	945090030	0.50	cps
Iron	57-2	23385438	23188165	22971758	23181787	0.89	cps
Iron	54-2	52138796	52348236	52072271	52186434	0.28	cps
Krypton	83-1	523	500	487	503	3.69	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-15	Instrumnet Name :	P7
Client Sample ID :	MYDA45	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:02:56	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	543477	539260	550244	544327	1.02	cps
Lead	207-1	488448	496073	477932	487484	1.87	cps
Lead	208-1	2168477	2188303	2193833	2183538	0.61	cps
Lithium	6-1	1537105	1590879	1664923	1597636	4.02	cps
Magnesium	24-2	23700211	23927472	23749258	23792314	0.50	cps
Manganese	55-2	13571657	13754023	13539790	13621823	0.85	cps
Molybdenum	94-1	233540	232900	230493	232311	0.69	cps
Molybdenum	95-1	8949	9183	9233	9122	1.66	cps
Molybdenum	96-1	54297	55629	56121	55349	1.70	cps
Molybdenum	97-1	5444	5735	5434	5538	3.08	cps
Molybdenum	98-1	13363	13793	14007	13721	2.39	cps
Neodymium	150-1	168622	169762	176275	171553	2.41	cps
Neodymium	150-2	96048	95635	96038	95907	0.25	cps
Nickel	60-2	382618	380423	379943	380995	0.37	cps
Phosphorus	31-2	54313	54861	55156	54776	0.78	cps
Potassium	39-2	9334754	9362140	9271265	9322720	0.50	cps
Rhodium	103-1	10197891	10081603	10604812	10294768	2.67	cps
Rhodium	103-2	6383959	6287163	6266670	6312597	0.99	cps
Scandium	45-1	8131736	8076548	8355693	8187992	1.81	cps
Scandium	45-2	756841	764833	759699	760458	0.53	cps
Selenium	82-1	716	788	743	749	4.82	cps
Selenium	77-2	310	390	373	358	11.80	cps
Selenium	78-2	783	793	773	783	1.28	cps
Silicon	28-1	30108973	30754205	31763875	30875685	2.70	cps
Silver	107-1	13800	14174	13617	13863	2.05	cps
Silver	109-1	12482	12759	13026	12756	2.13	cps
Sodium	23-2	228456	225913	227806	227392	0.58	cps
Strontium	86-1	352581	350899	353831	352437	0.42	cps
Strontium	88-1	3110773	3143987	3082742	3112501	0.99	cps
Sulfur	34-1	251015	250016	250419	250483	0.20	cps
Terbium	159-1	13469305	13810220	12768980	13349502	3.98	cps
Terbium	159-2	8493419	8429258	8342208	8421628	0.90	cps
Thallium	203-1	3214	3440	3134	3263	4.88	cps
Thallium	205-1	7455	7545	7746	7582	1.96	cps
Tin	118-1	26170	26157	27086	26471	2.01	cps
Titanium	47-1	3438219	3493843	3579205	3503756	2.03	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-15	Instrumnet Name :	P7
Client Sample ID :	MYDA45	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:02:56	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28106	29145	28010	28420	2.22	cps
Vanadium	51-2	2608774	2639719	2629375	2625956	0.60	cps
Yttrium	89-1	20828560	20911374	20494369	20744768	1.06	cps
Yttrium	89-2	5161017	5156746	5155980	5157915	0.05	cps
Zinc	66-2	325682	326728	324240	325550	0.38	cps
Zirconium	90-1	610946	618959	630089	619998	1.55	cps
Zirconium	91-1	134069	135283	140327	136560	2.43	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-16	Instrumnet Name :	P7
Client Sample ID :	MYDA46	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:06:02	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20797803	20463401	20222458	20494554	1.41	cps
Antimony	121-1	18999	18996	19750	19249	2.26	cps
Arsenic	75-2	140390	138576	139401	139456	0.65	cps
Barium	135-1	1773428	1774866	1790839	1779711	0.54	cps
Barium	137-1	3030434	3029825	3124640	3061633	1.78	cps
Beryllium	9-1	3349	3407	3363	3373	0.89	cps
Bismuth	209-1	7483142	7693010	7301453	7492535	2.62	cps
Bismuth	209-2	5623298	5649251	5575514	5616021	0.67	cps
Bromine	81-1	13510	12956	13389	13285	2.19	cps
Bromine	81-2	750	677	697	708	5.36	cps
Cadmium	108-1	553	593	693	613	11.76	cps
Cadmium	106-1	5198	4901	4994	5031	3.02	cps
Cadmium	111-1	7668	7369	7441	7493	2.08	cps
Calcium	43-1	471073	471524	477061	473219	0.70	cps
Calcium	44-1	7213164	7342165	7277705	7277678	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	937192	933171	933004	934455	0.25	cps
Cobalt	59-2	781398	776780	771456	776545	0.64	cps
Copper	63-2	2120215	2091591	2124928	2112245	0.85	cps
Dysprosium	156-1	85371	82655	84791	84272	1.70	cps
Dysprosium	156-2	65324	65740	65860	65641	0.43	cps
Erbium	164-1	80001	81141	77761	79634	2.16	cps
Erbium	164-2	52227	51993	50792	51671	1.49	cps
Gadolinium	160-1	79672	79554	79571	79599	0.08	cps
Gadolinium	160-2	56236	56192	55710	56046	0.52	cps
Holmium	165-1	13420581	12883804	13019552	13107979	2.13	cps
Holmium	165-2	8578007	8546534	8512201	8545581	0.39	cps
Indium	115-1	10498791	10655760	10777501	10644017	1.31	cps
Indium	115-2	3622636	3575222	3569567	3589142	0.81	cps
Iron	56-2	917414973	912530333	906393320	912112875	0.61	cps
Iron	57-2	22650726	22661888	22393988	22568867	0.67	cps
Iron	54-2	50139214	50640791	49473038	50084348	1.17	cps
Krypton	83-1	487	467	487	480	2.41	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-16	Instrumnet Name :	P7
Client Sample ID :	MYDA46	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:06:02	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	460601	459511	459138	459750	0.17	cps
Lead	207-1	390799	391412	405201	395804	2.06	cps
Lead	208-1	1770560	1793441	1817699	1793900	1.31	cps
Lithium	6-1	1475671	1558448	1509313	1514477	2.75	cps
Magnesium	24-2	20977723	20894948	20620321	20830997	0.90	cps
Manganese	55-2	13423217	13532005	13470979	13475401	0.40	cps
Molybdenum	94-1	160967	163579	167505	164017	2.01	cps
Molybdenum	95-1	9610	9750	9640	9667	0.76	cps
Molybdenum	96-1	45624	46594	44568	45595	2.22	cps
Molybdenum	97-1	5691	5955	6211	5952	4.37	cps
Molybdenum	98-1	14888	14644	14637	14723	0.97	cps
Neodymium	150-1	147277	151158	148190	148875	1.36	cps
Neodymium	150-2	82131	81286	81001	81473	0.72	cps
Nickel	60-2	348005	344788	341077	344623	1.01	cps
Phosphorus	31-2	57675	57869	57796	57780	0.17	cps
Potassium	39-2	7531731	7659021	7550519	7580423	0.91	cps
Rhodium	103-1	10381674	10484085	10198733	10354831	1.40	cps
Rhodium	103-2	6212860	6362431	6214702	6263331	1.37	cps
Scandium	45-1	8013948	8113083	8028957	8051996	0.66	cps
Scandium	45-2	763879	758818	765559	762752	0.46	cps
Selenium	82-1	763	778	731	757	3.18	cps
Selenium	77-2	367	287	380	344	14.66	cps
Selenium	78-2	727	750	723	733	1.98	cps
Silicon	28-1	29681428	30485113	29597691	29921411	1.64	cps
Silver	107-1	4484	4421	4341	4415	1.63	cps
Silver	109-1	3921	3751	3547	3739	5.00	cps
Sodium	23-2	230111	231487	230628	230742	0.30	cps
Strontium	86-1	300041	302328	306197	302855	1.03	cps
Strontium	88-1	2593214	2625992	2713608	2644271	2.35	cps
Sulfur	34-1	250549	248814	250026	249796	0.36	cps
Terbium	159-1	13137234	13252056	13175445	13188245	0.44	cps
Terbium	159-2	8378016	8348686	8450795	8392499	0.63	cps
Thallium	203-1	2804	3017	3070	2964	4.76	cps
Thallium	205-1	6632	6745	6718	6698	0.89	cps
Tin	118-1	26631	27263	26491	26795	1.53	cps
Titanium	47-1	2913564	3015985	2902598	2944049	2.12	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-16	Instrumnet Name :	P7
Client Sample ID :	MYDA46	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:06:02	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28771	29576	29904	29417	1.98	cps
Vanadium	51-2	2491206	2464979	2485199	2480461	0.55	cps
Yttrium	89-1	20249611	20180539	20623692	20351281	1.17	cps
Yttrium	89-2	5053392	5121876	5108476	5094581	0.71	cps
Zinc	66-2	312423	311733	308549	310902	0.66	cps
Zirconium	90-1	431585	434421	435847	433951	0.50	cps
Zirconium	91-1	99330	100232	96834	98799	1.78	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-17	Instrumnet Name :	P7
Client Sample ID :	MYDA47	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:09:07	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22053956	22038377	21909059	22000464	0.36	cps
Antimony	121-1	29924	31244	31017	30728	2.30	cps
Arsenic	75-2	159291	158722	158436	158816	0.27	cps
Barium	135-1	2770162	2897792	2786486	2818147	2.46	cps
Barium	137-1	4748454	4867351	4820662	4812155	1.24	cps
Beryllium	9-1	4069	3940	4253	4087	3.85	cps
Bismuth	209-1	7443578	7339185	7358957	7380573	0.75	cps
Bismuth	209-2	5564005	5549145	5616930	5576693	0.64	cps
Bromine	81-1	13216	13099	13706	13341	2.42	cps
Bromine	81-2	760	693	813	756	7.96	cps
Cadmium	108-1	763	710	793	756	5.59	cps
Cadmium	106-1	5254	5054	5218	5175	2.06	cps
Cadmium	111-1	9919	9819	9792	9843	0.68	cps
Calcium	43-1	667106	691448	685586	681380	1.86	cps
Calcium	44-1	10180412	10423448	10383059	10328973	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1261248	1266723	1260907	1262959	0.26	cps
Cobalt	59-2	968803	970176	967791	968924	0.12	cps
Copper	63-2	2473546	2449292	2501668	2474835	1.06	cps
Dysprosium	156-1	109719	111599	110871	110730	0.86	cps
Dysprosium	156-2	86850	88503	87547	87633	0.95	cps
Erbium	164-1	94712	94205	95189	94702	0.52	cps
Erbium	164-2	63092	62680	63058	62943	0.36	cps
Gadolinium	160-1	102014	102904	103986	102968	0.96	cps
Gadolinium	160-2	73358	72563	72426	72782	0.69	cps
Holmium	165-1	12901419	12862835	12966881	12910378	0.41	cps
Holmium	165-2	8644670	8275896	8452877	8457814	2.18	cps
Indium	115-1	10427000	10465283	10396531	10429605	0.33	cps
Indium	115-2	3564088	3518480	3611047	3564538	1.30	cps
Iron	56-2	1101938544	1101438197	1095614704	1099663815	0.32	cps
Iron	57-2	26831616	26704421	26871684	26802574	0.33	cps
Iron	54-2	61006289	60315999	60897087	60739792	0.61	cps
Krypton	83-1	477	567	487	510	9.67	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-17	Instrumnet Name :	P7
Client Sample ID :	MYDA47	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:09:07	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	766878	767850	772298	769009	0.38	cps
Lead	207-1	670814	680660	681262	677579	0.87	cps
Lead	208-1	3008132	3071274	3058279	3045895	1.09	cps
Lithium	6-1	1503442	1519213	1535220	1519292	1.05	cps
Magnesium	24-2	21232115	21456758	21466921	21385264	0.62	cps
Manganese	55-2	35172595	34545219	35363719	35027178	1.22	cps
Molybdenum	94-1	118284	120115	118743	119047	0.80	cps
Molybdenum	95-1	18268	18448	18595	18437	0.89	cps
Molybdenum	96-1	47972	48290	47116	47792	1.27	cps
Molybdenum	97-1	10624	11188	11031	10948	2.66	cps
Molybdenum	98-1	27249	27192	27432	27291	0.46	cps
Neodymium	150-1	192573	194237	194246	193685	0.50	cps
Neodymium	150-2	111248	110597	110560	110802	0.35	cps
Nickel	60-2	421221	420175	423381	421592	0.39	cps
Phosphorus	31-2	69373	69420	68764	69185	0.53	cps
Potassium	39-2	11413333	11461328	11483625	11452762	0.31	cps
Rhodium	103-1	10370182	10221805	10213137	10268375	0.86	cps
Rhodium	103-2	6242932	6330236	6216088	6263085	0.95	cps
Scandium	45-1	8002344	8036118	8062268	8033577	0.37	cps
Scandium	45-2	767289	764765	763884	765313	0.23	cps
Selenium	82-1	853	707	792	784	9.32	cps
Selenium	77-2	477	487	493	486	1.73	cps
Selenium	78-2	833	690	810	778	9.89	cps
Silicon	28-1	30647189	31031991	30759708	30812963	0.64	cps
Silver	107-1	7449	7459	7262	7390	1.50	cps
Silver	109-1	7055	7185	7265	7169	1.48	cps
Sodium	23-2	306349	303492	307805	305882	0.72	cps
Strontium	86-1	506262	514689	509379	510110	0.84	cps
Strontium	88-1	4325115	4465304	4442859	4411092	1.71	cps
Sulfur	34-1	256271	255936	256312	256173	0.08	cps
Terbium	159-1	13121912	13232790	13080772	13145158	0.60	cps
Terbium	159-2	8386578	8426535	8488011	8433708	0.61	cps
Thallium	203-1	4284	4404	4267	4319	1.73	cps
Thallium	205-1	10314	10634	10267	10405	1.92	cps
Tin	118-1	29273	29347	29530	29383	0.45	cps
Titanium	47-1	3089233	3121125	3137064	3115808	0.78	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-17	Instrumnet Name :	P7
Client Sample ID :	MYDA47	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:09:07	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41267	43323	42501	42364	2.44	cps
Vanadium	51-2	2433976	2407280	2420466	2420574	0.55	cps
Yttrium	89-1	20479501	20612803	20621035	20571113	0.39	cps
Yttrium	89-2	5160659	5179390	5146933	5162327	0.32	cps
Zinc	66-2	423149	423897	419982	422343	0.49	cps
Zirconium	90-1	292686	297049	297042	295592	0.85	cps
Zirconium	91-1	66322	67263	67387	66991	0.87	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-18	Instrumnet Name :	P7
Client Sample ID :	MYDA48	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:12:14	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17781145	17999441	17716146	17832244	0.83	cps
Antimony	121-1	49628	51498	51462	50863	2.10	cps
Arsenic	75-2	133591	135391	133726	134236	0.75	cps
Barium	135-1	2025374	2167904	2047540	2080273	3.69	cps
Barium	137-1	3477737	3547402	3562400	3529180	1.28	cps
Beryllium	9-1	3421	3518	3296	3412	3.27	cps
Bismuth	209-1	7729764	7378582	7479000	7529115	2.40	cps
Bismuth	209-2	5748253	5612726	5616181	5659053	1.37	cps
Bromine	81-1	12689	12706	13196	12863	2.24	cps
Bromine	81-2	593	693	597	628	9.05	cps
Cadmium	108-1	813	710	803	776	7.35	cps
Cadmium	106-1	5051	4828	4931	4936	2.27	cps
Cadmium	111-1	8607	9327	8700	8878	4.41	cps
Calcium	43-1	402591	419018	404415	408674	2.20	cps
Calcium	44-1	6173615	6206872	6441452	6273980	2.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1116178	1116223	1109630	1114010	0.34	cps
Cobalt	59-2	852955	845809	847183	848649	0.45	cps
Copper	63-2	2357589	2370744	2387541	2371958	0.63	cps
Dysprosium	156-1	88336	88768	89670	88925	0.77	cps
Dysprosium	156-2	71477	71226	70811	71171	0.47	cps
Erbium	164-1	74833	73087	74541	74153	1.26	cps
Erbium	164-2	48962	49009	49956	49309	1.14	cps
Gadolinium	160-1	79930	84229	82980	82380	2.68	cps
Gadolinium	160-2	59051	59167	58833	59017	0.29	cps
Holmium	165-1	12684101	12271024	12315403	12423509	1.83	cps
Holmium	165-2	8294807	8388101	8522896	8401935	1.36	cps
Indium	115-1	10396102	10448169	10930749	10591673	2.78	cps
Indium	115-2	3542106	3655189	3571869	3589721	1.63	cps
Iron	56-2	919479506	917260466	924649506	920463160	0.41	cps
Iron	57-2	22805400	22603251	22713825	22707492	0.45	cps
Iron	54-2	51303939	50361966	50851201	50839035	0.93	cps
Krypton	83-1	443	400	443	429	5.83	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-18	Instrumnet Name :	P7
Client Sample ID :	MYDA48	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:12:14	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	642345	626932	635891	635056	1.22	cps
Lead	207-1	561359	584656	565606	570540	2.17	cps
Lead	208-1	2544089	2575005	2605723	2574939	1.20	cps
Lithium	6-1	1548880	1492782	1638046	1559903	4.70	cps
Magnesium	24-2	16109417	16177787	15934874	16074026	0.78	cps
Manganese	55-2	29182071	28609590	28877093	28889585	0.99	cps
Molybdenum	94-1	150171	154879	150416	151822	1.75	cps
Molybdenum	95-1	15925	15555	16503	15994	2.99	cps
Molybdenum	96-1	49734	49293	48811	49279	0.94	cps
Molybdenum	97-1	9413	9577	9553	9514	0.93	cps
Molybdenum	98-1	23900	24137	24711	24249	1.72	cps
Neodymium	150-1	155035	155123	160829	156996	2.11	cps
Neodymium	150-2	86617	87392	85414	86474	1.15	cps
Nickel	60-2	325362	324459	319550	323124	0.97	cps
Phosphorus	31-2	52269	51376	51272	51639	1.06	cps
Potassium	39-2	10254359	10251754	10212869	10239661	0.23	cps
Rhodium	103-1	10649271	10180433	10477716	10435807	2.27	cps
Rhodium	103-2	6246879	6326148	6259529	6277519	0.68	cps
Scandium	45-1	7845724	7825922	8101255	7924300	1.94	cps
Scandium	45-2	752394	742383	739840	744872	0.89	cps
Selenium	82-1	681	769	758	736	6.49	cps
Selenium	77-2	327	353	363	348	5.45	cps
Selenium	78-2	767	760	747	758	1.34	cps
Silicon	28-1	30684572	29981694	30215085	30293784	1.18	cps
Silver	107-1	9286	9867	9346	9500	3.36	cps
Silver	109-1	8656	8689	8749	8698	0.54	cps
Sodium	23-2	243015	243456	242846	243106	0.13	cps
Strontium	86-1	409533	414244	417489	413755	0.97	cps
Strontium	88-1	3568747	3832869	3586008	3662542	4.03	cps
Sulfur	34-1	238793	239346	238463	238867	0.19	cps
Terbium	159-1	13074989	13718026	12738336	13177117	3.78	cps
Terbium	159-2	8468127	8479092	8187579	8378266	1.97	cps
Thallium	203-1	3987	4051	4157	4065	2.11	cps
Thallium	205-1	9287	9350	9987	9541	4.06	cps
Tin	118-1	35701	34862	36236	35600	1.94	cps
Titanium	47-1	2511901	2543567	2600409	2551959	1.76	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-18	Instrumnet Name :	P7
Client Sample ID :	MYDA48	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:12:14	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38225	41244	38756	39408	4.09	cps
Vanadium	51-2	1907265	1935186	1928496	1923649	0.76	cps
Yttrium	89-1	19905703	21130978	19621886	20219522	3.97	cps
Yttrium	89-2	5031107	5035133	5049805	5038682	0.20	cps
Zinc	66-2	340173	339892	336513	338859	0.60	cps
Zirconium	90-1	383548	394235	393938	390574	1.56	cps
Zirconium	91-1	88143	87713	88911	88256	0.69	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-19	Instrumnet Name :	P7
Client Sample ID :	MYDA49	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:15:19	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18477556	18404713	18196194	18359488	0.80	cps
Antimony	121-1	29838	30740	29858	30145	1.71	cps
Arsenic	75-2	141712	141971	140622	141435	0.51	cps
Barium	135-1	1384837	1397722	1405825	1396128	0.76	cps
Barium	137-1	2487246	2544658	2517058	2516321	1.14	cps
Beryllium	9-1	2819	2797	2924	2847	2.38	cps
Bismuth	209-1	7476087	7405055	7523559	7468234	0.80	cps
Bismuth	209-2	5587876	5628148	5590041	5602022	0.40	cps
Bromine	81-1	14778	15004	15034	14939	0.94	cps
Bromine	81-2	843	993	953	930	8.35	cps
Cadmium	108-1	380	450	427	419	8.51	cps
Cadmium	106-1	4281	4424	4251	4318	2.15	cps
Cadmium	111-1	5747	5842	5861	5817	1.04	cps
Calcium	43-1	404322	409472	411390	408394	0.90	cps
Calcium	44-1	6208547	6291310	6340047	6279968	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1164773	1162891	1161612	1163092	0.14	cps
Cobalt	59-2	753774	748644	753767	752062	0.39	cps
Copper	63-2	1648705	1624644	1599689	1624346	1.51	cps
Dysprosium	156-1	70215	71123	72436	71258	1.57	cps
Dysprosium	156-2	56024	55268	56199	55830	0.89	cps
Erbium	164-1	59904	62325	61521	61250	2.01	cps
Erbium	164-2	40425	39920	40228	40191	0.63	cps
Gadolinium	160-1	67441	67086	68416	67648	1.02	cps
Gadolinium	160-2	47377	47574	47029	47326	0.58	cps
Holmium	165-1	12646718	12639646	12517700	12601355	0.58	cps
Holmium	165-2	8345858	8232814	8480767	8353146	1.49	cps
Indium	115-1	10789100	10846052	10647845	10760999	0.95	cps
Indium	115-2	3597439	3493341	3584578	3558453	1.59	cps
Iron	56-2	895281080	885454440	887846387	889527302	0.58	cps
Iron	57-2	21963348	21754055	21796361	21837921	0.51	cps
Iron	54-2	49157936	49265201	48124301	48849146	1.29	cps
Krypton	83-1	427	467	373	422	11.09	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-19	Instrumnet Name :	P7
Client Sample ID :	MYDA49	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:15:19	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	402213	408568	406264	405682	0.79	cps
Lead	207-1	361780	361447	366703	363310	0.81	cps
Lead	208-1	1618841	1640401	1638988	1632743	0.74	cps
Lithium	6-1	1475339	1448297	1490060	1471232	1.44	cps
Magnesium	24-2	18616332	18524617	18298633	18479861	0.88	cps
Manganese	55-2	24414503	24423061	24273152	24370239	0.35	cps
Molybdenum	94-1	76981	78428	77608	77673	0.93	cps
Molybdenum	95-1	16606	16596	17083	16762	1.66	cps
Molybdenum	96-1	36479	37404	37819	37234	1.84	cps
Molybdenum	97-1	9910	10264	10380	10185	2.40	cps
Molybdenum	98-1	25719	25900	26277	25965	1.10	cps
Neodymium	150-1	119284	122107	120338	120576	1.18	cps
Neodymium	150-2	66877	66888	66386	66717	0.43	cps
Nickel	60-2	318444	316034	314206	316228	0.67	cps
Phosphorus	31-2	42248	42352	41947	42182	0.50	cps
Potassium	39-2	9974229	9982880	9843834	9933648	0.78	cps
Rhodium	103-1	10361358	10318916	10180153	10286809	0.92	cps
Rhodium	103-2	6258740	6238774	6212491	6236668	0.37	cps
Scandium	45-1	7842500	7950310	7984869	7925893	0.94	cps
Scandium	45-2	745962	736637	736434	739678	0.74	cps
Selenium	82-1	718	669	832	740	11.28	cps
Selenium	77-2	307	333	230	290	18.50	cps
Selenium	78-2	730	647	640	672	7.46	cps
Silicon	28-1	23399195	23873330	24038540	23770355	1.40	cps
Silver	107-1	4047	4164	4107	4106	1.42	cps
Silver	109-1	3734	3620	3677	3677	1.54	cps
Sodium	23-2	230445	232160	231822	231476	0.39	cps
Strontium	86-1	346830	350610	352122	349854	0.78	cps
Strontium	88-1	3082826	3116577	3052698	3084033	1.04	cps
Sulfur	34-1	238841	239386	238147	238791	0.26	cps
Terbium	159-1	13198372	12822588	13093164	13038041	1.49	cps
Terbium	159-2	8317873	8255477	8256435	8276595	0.43	cps
Thallium	203-1	3057	2894	3100	3017	3.61	cps
Thallium	205-1	7285	6995	7449	7243	3.17	cps
Tin	118-1	24404	24731	25092	24742	1.39	cps
Titanium	47-1	2004715	2007124	2011898	2007913	0.18	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-19	Instrumnet Name :	P7
Client Sample ID :	MYDA49	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:15:19	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33218	33756	34160	33712	1.40	cps
Vanadium	51-2	1951617	1959485	1948496	1953199	0.29	cps
Yttrium	89-1	19972379	20012645	19942318	19975780	0.18	cps
Yttrium	89-2	4992292	4928779	4930328	4950466	0.73	cps
Zinc	66-2	304860	304788	303309	304319	0.29	cps
Zirconium	90-1	184406	187382	188121	186637	1.05	cps
Zirconium	91-1	41372	42384	42990	42249	1.94	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-20	Instrumnet Name :	P7
Client Sample ID :	MYDA50	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:18:27	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15630822	15454646	15682829	15589432	0.77	cps
Antimony	121-1	23473	24144	23903	23840	1.43	cps
Arsenic	75-2	106932	103934	104575	105147	1.50	cps
Barium	135-1	1666739	1748756	1707620	1707705	2.40	cps
Barium	137-1	2940998	2929870	2909529	2926799	0.55	cps
Beryllium	9-1	2665	2823	2811	2766	3.18	cps
Bismuth	209-1	7308321	7385346	7611698	7435122	2.12	cps
Bismuth	209-2	5516553	5539468	5589063	5548361	0.67	cps
Bromine	81-1	14791	14714	15044	14850	1.16	cps
Bromine	81-2	953	980	927	953	2.80	cps
Cadmium	108-1	383	480	483	449	12.65	cps
Cadmium	106-1	4487	4507	4187	4394	4.08	cps
Cadmium	111-1	6643	6350	6237	6410	3.28	cps
Calcium	43-1	673292	690397	680323	681337	1.26	cps
Calcium	44-1	10145683	10280655	10658514	10361617	2.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987503	981218	981340	983354	0.37	cps
Cobalt	59-2	650328	647136	649152	648872	0.25	cps
Copper	63-2	1504891	1499880	1491067	1498612	0.47	cps
Dysprosium	156-1	70566	72596	72529	71897	1.60	cps
Dysprosium	156-2	56895	57096	56922	56971	0.19	cps
Erbium	164-1	62124	62131	63574	62609	1.33	cps
Erbium	164-2	40168	41184	40726	40692	1.25	cps
Gadolinium	160-1	67830	67632	69109	68191	1.18	cps
Gadolinium	160-2	47360	47701	47952	47671	0.62	cps
Holmium	165-1	12729051	12437654	12728498	12631735	1.33	cps
Holmium	165-2	8322505	8442393	8369229	8378042	0.72	cps
Indium	115-1	10611850	10696048	10854789	10720896	1.15	cps
Indium	115-2	3571224	3581467	3631092	3594595	0.89	cps
Iron	56-2	793019855	798444041	799982415	797148770	0.46	cps
Iron	57-2	19290984	19614148	19500370	19468501	0.84	cps
Iron	54-2	43798453	43747839	42908618	43484970	1.15	cps
Krypton	83-1	413	490	447	450	8.54	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-20	Instrumnet Name :	P7
Client Sample ID :	MYDA50	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:18:27	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	380710	389580	388574	386288	1.26	cps
Lead	207-1	342131	357942	343862	347978	2.49	cps
Lead	208-1	1539592	1575980	1581296	1565623	1.45	cps
Lithium	6-1	1442029	1487789	1536205	1488675	3.16	cps
Magnesium	24-2	15502491	15263585	15540710	15435595	0.97	cps
Manganese	55-2	21685181	21797667	21624495	21702448	0.40	cps
Molybdenum	94-1	84334	86845	84921	85367	1.54	cps
Molybdenum	95-1	14044	14210	14207	14154	0.67	cps
Molybdenum	96-1	34020	34634	34424	34359	0.91	cps
Molybdenum	97-1	8332	8843	8419	8531	3.20	cps
Molybdenum	98-1	21049	21175	21569	21264	1.28	cps
Neodymium	150-1	121065	123519	126916	123833	2.37	cps
Neodymium	150-2	68576	69259	68489	68774	0.61	cps
Nickel	60-2	279223	280429	279854	279835	0.22	cps
Phosphorus	31-2	66078	65355	65593	65676	0.56	cps
Potassium	39-2	9143313	9099151	9008707	9083724	0.76	cps
Rhodium	103-1	10278791	10210699	10364884	10284791	0.75	cps
Rhodium	103-2	6226229	6262179	6219983	6236130	0.37	cps
Scandium	45-1	7677948	7811207	8025089	7838081	2.23	cps
Scandium	45-2	741597	734786	735459	737281	0.51	cps
Selenium	82-1	679	671	632	661	3.78	cps
Selenium	77-2	297	270	287	284	4.73	cps
Selenium	78-2	703	647	653	668	4.64	cps
Silicon	28-1	25179522	25789715	26622787	25864008	2.80	cps
Silver	107-1	4861	5268	4834	4988	4.87	cps
Silver	109-1	4421	4591	4661	4557	2.71	cps
Sodium	23-2	265285	265199	263645	264710	0.35	cps
Strontium	86-1	582161	595730	594737	590876	1.28	cps
Strontium	88-1	5128336	5382359	5219826	5243507	2.45	cps
Sulfur	34-1	256583	259769	256377	257576	0.74	cps
Terbium	159-1	13082349	13143769	12948169	13058095	0.77	cps
Terbium	159-2	8359633	8337795	8342433	8346620	0.14	cps
Thallium	203-1	2950	3350	3100	3134	6.45	cps
Thallium	205-1	7359	7459	7882	7567	3.67	cps
Tin	118-1	24771	25222	25786	25260	2.01	cps
Titanium	47-1	2018345	2084340	2116444	2073043	2.41	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-20	Instrumnet Name :	P7
Client Sample ID :	MYDA50	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:18:27	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27913	28417	27842	28057	1.12	cps
Vanadium	51-2	1785223	1776443	1789082	1783583	0.36	cps
Yttrium	89-1	20128014	20734334	19834773	20232374	2.27	cps
Yttrium	89-2	5014088	5081186	5042274	5045849	0.67	cps
Zinc	66-2	288771	286800	286937	287502	0.38	cps
Zirconium	90-1	211414	213656	214561	213210	0.76	cps
Zirconium	91-1	46105	47142	47313	46853	1.39	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-21	Instrumnet Name :	P7
Client Sample ID :	MYDA51	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:21:33	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17333807	17399459	17218286	17317184	0.53	cps
Antimony	121-1	20675	20465	20381	20507	0.74	cps
Arsenic	75-2	124507	125599	126288	125465	0.72	cps
Barium	135-1	1861709	1926435	1871831	1886658	1.85	cps
Barium	137-1	3218074	3359117	3241215	3272802	2.31	cps
Beryllium	9-1	2953	3094	3085	3044	2.59	cps
Bismuth	209-1	7265386	7199682	7527243	7330770	2.36	cps
Bismuth	209-2	5521632	5535472	5527480	5528194	0.13	cps
Bromine	81-1	17117	18472	17777	17789	3.81	cps
Bromine	81-2	1307	1423	1310	1347	4.93	cps
Cadmium	108-1	443	453	450	449	1.13	cps
Cadmium	106-1	4441	4501	4344	4429	1.79	cps
Cadmium	111-1	5912	5920	5823	5885	0.92	cps
Calcium	43-1	599846	610279	599634	603253	1.01	cps
Calcium	44-1	8989088	9524383	9297529	9270333	2.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1001506	1002697	1000160	1001454	0.13	cps
Cobalt	59-2	744717	740320	744010	743015	0.32	cps
Copper	63-2	1485453	1493715	1483722	1487630	0.36	cps
Dysprosium	156-1	76286	77670	77663	77206	1.03	cps
Dysprosium	156-2	61450	63456	61725	62210	1.75	cps
Erbium	164-1	64712	66929	67824	66488	2.41	cps
Erbium	164-2	44056	43909	43290	43752	0.93	cps
Gadolinium	160-1	73083	75073	72138	73431	2.04	cps
Gadolinium	160-2	51036	51370	51083	51163	0.35	cps
Holmium	165-1	12305205	12445966	12515679	12422283	0.86	cps
Holmium	165-2	8392295	8403962	8388139	8394799	0.10	cps
Indium	115-1	10321155	10945259	10834677	10700364	3.11	cps
Indium	115-2	3594407	3575737	3639900	3603348	0.92	cps
Iron	56-2	763288922	757334282	768187189	762936798	0.71	cps
Iron	57-2	18579778	18584102	18641988	18601956	0.19	cps
Iron	54-2	41636583	41592504	41409649	41546245	0.29	cps
Krypton	83-1	463	543	363	457	19.75	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-21	Instrumnet Name :	P7
Client Sample ID :	MYDA51	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:21:33	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323459	332005	331619	329028	1.47	cps
Lead	207-1	291456	292064	289976	291165	0.37	cps
Lead	208-1	1299391	1346859	1338305	1328185	1.90	cps
Lithium	6-1	1437792	1508199	1483868	1476619	2.42	cps
Magnesium	24-2	16121766	16127974	15947327	16065689	0.64	cps
Manganese	55-2	21358910	21340368	21373504	21357594	0.08	cps
Molybdenum	94-1	84901	85303	85068	85091	0.24	cps
Molybdenum	95-1	12816	13636	13400	13284	3.18	cps
Molybdenum	96-1	32710	33422	34387	33506	2.51	cps
Molybdenum	97-1	8056	7849	7949	7951	1.30	cps
Molybdenum	98-1	19093	19757	19516	19455	1.73	cps
Neodymium	150-1	132812	137534	138402	136249	2.21	cps
Neodymium	150-2	75450	74707	75819	75325	0.75	cps
Nickel	60-2	321263	319414	316650	319109	0.73	cps
Phosphorus	31-2	52991	53209	53303	53168	0.30	cps
Potassium	39-2	9363598	9328694	9221528	9304607	0.80	cps
Rhodium	103-1	10172696	10261579	10383008	10272428	1.03	cps
Rhodium	103-2	6351202	6248967	6334956	6311708	0.87	cps
Scandium	45-1	7859065	8097597	8097191	8017951	1.72	cps
Scandium	45-2	742311	748445	747948	746235	0.46	cps
Selenium	82-1	690	612	844	715	16.50	cps
Selenium	77-2	367	323	300	330	10.25	cps
Selenium	78-2	800	803	653	752	11.39	cps
Silicon	28-1	26467056	27074878	27532297	27024744	1.98	cps
Silver	107-1	4317	4117	4114	4183	2.78	cps
Silver	109-1	3771	3831	3787	3796	0.82	cps
Sodium	23-2	249829	251410	250196	250478	0.33	cps
Strontium	86-1	499145	503305	510894	504448	1.18	cps
Strontium	88-1	4466578	4369837	4376815	4404410	1.22	cps
Sulfur	34-1	261041	260465	258891	260132	0.43	cps
Terbium	159-1	13170338	12799811	12694754	12888301	1.94	cps
Terbium	159-2	8252041	8381546	8277164	8303583	0.83	cps
Thallium	203-1	3661	3641	3691	3664	0.69	cps
Thallium	205-1	8573	9040	8960	8857	2.82	cps
Tin	118-1	24958	25252	26147	25453	2.43	cps
Titanium	47-1	2503811	2612636	2624523	2580323	2.58	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-21	Instrumnet Name :	P7
Client Sample ID :	MYDA51	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:21:33	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34388	35277	34184	34616	1.68	cps
Vanadium	51-2	1751844	1744947	1755427	1750739	0.30	cps
Yttrium	89-1	20498461	20422754	19944160	20288458	1.48	cps
Yttrium	89-2	4999432	5110351	5096038	5068607	1.19	cps
Zinc	66-2	287321	287581	284775	286559	0.54	cps
Zirconium	90-1	208797	218660	219337	215598	2.74	cps
Zirconium	91-1	45748	47049	48262	47020	2.67	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-22	Instrumnet Name :	P7
Client Sample ID :	MYDA52	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:24:41	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21692017	21762626	21736751	21730465	0.16	cps
Antimony	121-1	36787	36974	37091	36951	0.42	cps
Arsenic	75-2	173042	169441	172756	171746	1.17	cps
Barium	135-1	2689516	2766643	2719990	2725383	1.43	cps
Barium	137-1	4626831	4746667	4648443	4673980	1.37	cps
Beryllium	9-1	3983	3789	3964	3912	2.74	cps
Bismuth	209-1	7763875	7418437	7479354	7553889	2.44	cps
Bismuth	209-2	5560467	5534056	5420298	5504940	1.35	cps
Bromine	81-1	13533	14344	13820	13899	2.96	cps
Bromine	81-2	720	740	857	772	9.56	cps
Cadmium	108-1	830	913	850	864	5.03	cps
Cadmium	106-1	5174	5078	5178	5143	1.10	cps
Cadmium	111-1	9566	9940	9581	9696	2.18	cps
Calcium	43-1	499857	508551	502998	503802	0.87	cps
Calcium	44-1	7617958	7953362	7622456	7731259	2.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1322372	1361490	1347416	1343760	1.47	cps
Cobalt	59-2	987709	976721	969593	978008	0.93	cps
Copper	63-2	2470235	2484401	2468308	2474315	0.36	cps
Dysprosium	156-1	110551	108485	111640	110225	1.45	cps
Dysprosium	156-2	85301	85689	87038	86009	1.06	cps
Erbium	164-1	91893	92602	94839	93111	1.65	cps
Erbium	164-2	60919	59998	61575	60831	1.30	cps
Gadolinium	160-1	100034	102995	100984	101338	1.49	cps
Gadolinium	160-2	70774	70989	70342	70702	0.47	cps
Holmium	165-1	13139782	12361879	12784124	12761928	3.05	cps
Holmium	165-2	8342598	8311067	8343818	8332494	0.22	cps
Indium	115-1	10832175	10757919	10348628	10646241	2.45	cps
Indium	115-2	3584231	3581402	3583067	3582900	0.04	cps
Iron	56-2	1214930915	1211594542	1198591662	1208372373	0.71	cps
Iron	57-2	29714422	29586340	29348660	29549808	0.63	cps
Iron	54-2	67116606	65649781	66166951	66311112	1.12	cps
Krypton	83-1	500	487	477	488	2.40	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-22	Instrumnet Name :	P7
Client Sample ID :	MYDA52	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:24:41	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	662873	647169	668988	659676	1.71	cps
Lead	207-1	574763	578273	581441	578159	0.58	cps
Lead	208-1	2611097	2642394	2632804	2628765	0.61	cps
Lithium	6-1	1483063	1476807	1395263	1451711	3.37	cps
Magnesium	24-2	20674324	20578147	20635118	20629196	0.23	cps
Manganese	55-2	37667750	37428073	37594468	37563430	0.33	cps
Molybdenum	94-1	181409	180258	182567	181411	0.64	cps
Molybdenum	95-1	22858	24053	23365	23426	2.56	cps
Molybdenum	96-1	64662	64227	65586	64825	1.07	cps
Molybdenum	97-1	14023	14330	13713	14022	2.20	cps
Molybdenum	98-1	34698	36081	35603	35461	1.98	cps
Neodymium	150-1	185727	191048	189346	188707	1.44	cps
Neodymium	150-2	104773	103624	104625	104340	0.60	cps
Nickel	60-2	414653	414105	410630	413129	0.53	cps
Phosphorus	31-2	65874	63809	64920	64868	1.59	cps
Potassium	39-2	11791046	11743497	11761002	11765182	0.20	cps
Rhodium	103-1	10819212	10283633	10145133	10415993	3.42	cps
Rhodium	103-2	6189490	6168699	6277724	6211971	0.93	cps
Scandium	45-1	8310106	8269465	7996318	8191963	2.08	cps
Scandium	45-2	755295	752913	755716	754641	0.20	cps
Selenium	82-1	817	795	844	819	3.03	cps
Selenium	77-2	457	457	407	440	6.56	cps
Selenium	78-2	837	803	800	813	2.49	cps
Silicon	28-1	20872634	20894871	20783442	20850316	0.28	cps
Silver	107-1	7752	7956	7856	7854	1.30	cps
Silver	109-1	7279	6975	7062	7105	2.20	cps
Sodium	23-2	291167	287244	290500	289637	0.72	cps
Strontium	86-1	453923	446211	453727	451287	0.97	cps
Strontium	88-1	3821110	3931087	3956400	3902866	1.84	cps
Sulfur	34-1	246886	251760	253236	250627	1.33	cps
Terbium	159-1	13498485	12973499	12836652	13102878	2.67	cps
Terbium	159-2	8261298	8168577	8299603	8243159	0.82	cps
Thallium	203-1	4197	4381	4111	4230	3.26	cps
Thallium	205-1	10131	10641	10287	10353	2.53	cps
Tin	118-1	30001	30018	30743	30254	1.40	cps
Titanium	47-1	2779096	2874319	2799285	2817566	1.78	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-22	Instrumnet Name :	P7
Client Sample ID :	MYDA52	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:24:41	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43661	44283	44086	44010	0.72	cps
Vanadium	51-2	2536408	2527323	2515763	2526498	0.41	cps
Yttrium	89-1	20781887	20543079	20345466	20556811	1.06	cps
Yttrium	89-2	5068259	5033503	5086876	5062879	0.54	cps
Zinc	66-2	435811	430470	433637	433306	0.62	cps
Zirconium	90-1	459018	467893	458530	461814	1.14	cps
Zirconium	91-1	103693	104334	103878	103968	0.32	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:27:46	DataFile Name :	079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1417	1273	1227	1306	7.58	cps
Antimony	121-1	110	120	120	117	4.95	cps
Arsenic	75-2	27	23	23	24	7.89	cps
Barium	135-1	317	280	227	274	16.49	cps
Barium	137-1	490	330	400	407	19.72	cps
Beryllium	9-1	23	14	20	19	26.25	cps
Bismuth	209-1	7556608	7663353	7512716	7577559	1.02	cps
Bismuth	209-2	5753935	5704694	5698513	5719047	0.53	cps
Bromine	81-1	11828	11281	11835	11648	2.73	cps
Bromine	81-2	83	80	83	82	2.34	cps
Cadmium	108-1	7	7	3	6	34.70	cps
Cadmium	106-1	3490	3404	3260	3385	3.43	cps
Cadmium	111-1	2449	2378	2290	2372	3.35	cps
Calcium	43-1	593	590	500	561	9.44	cps
Calcium	44-1	28976	27890	28498	28455	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1910	1830	1647	1796	7.52	cps
Cobalt	59-2	100	93	137	110	21.21	cps
Copper	63-2	2164	2134	2137	2145	0.77	cps
Dysprosium	156-1	17	20	10	16	32.73	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	110	97	140	116	19.21	cps
Erbium	164-2	60	63	47	57	15.56	cps
Gadolinium	160-1	70	53	60	61	13.73	cps
Gadolinium	160-2	267	320	300	296	9.12	cps
Holmium	165-1	12327470	12376538	12380046	12361351	0.24	cps
Holmium	165-2	8287677	8205611	8268938	8254076	0.52	cps
Indium	115-1	10758593	10638004	10680300	10692299	0.57	cps
Indium	115-2	3637933	3587571	3666954	3630819	1.11	cps
Iron	56-2	66121	62576	60471	63056	4.53	cps
Iron	57-2	3567	3317	3350	3412	3.98	cps
Iron	54-2	4901	4971	4624	4832	3.80	cps
Krypton	83-1	347	327	310	328	5.60	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:27:46	DataFile Name :	079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	907	873	1020	933	8.24	cps
Lead	207-1	883	680	837	800	13.31	cps
Lead	208-1	3870	3587	3737	3731	3.80	cps
Lithium	6-1	1505328	1492257	1515999	1504528	0.79	cps
Magnesium	24-2	2080	2124	2040	2081	2.00	cps
Manganese	55-2	2450	2037	2064	2184	10.60	cps
Molybdenum	94-1	367	313	340	340	7.84	cps
Molybdenum	95-1	190	190	170	183	6.30	cps
Molybdenum	96-1	207	227	227	220	5.25	cps
Molybdenum	97-1	83	77	103	88	15.81	cps
Molybdenum	98-1	207	227	193	209	8.03	cps
Neodymium	150-1	13	23	17	18	28.64	cps
Neodymium	150-2	3	3	17	8	99.04	cps
Nickel	60-2	340	390	400	377	8.53	cps
Phosphorus	31-2	170	283	197	217	27.35	cps
Potassium	39-2	94223	93535	94383	94047	0.48	cps
Rhodium	103-1	10426134	10560686	10593530	10526783	0.84	cps
Rhodium	103-2	6467894	6412978	6299865	6393579	1.34	cps
Scandium	45-1	7008233	7067330	7034664	7036742	0.42	cps
Scandium	45-2	659508	652606	653162	655092	0.59	cps
Selenium	82-1	467	544	548	520	8.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	457	517	430	468	9.49	cps
Silicon	28-1	347416	350736	350137	349430	0.51	cps
Silver	107-1	113	110	123	116	6.01	cps
Silver	109-1	127	83	87	99	24.39	cps
Sodium	23-2	69536	67858	67340	68245	1.68	cps
Strontium	86-1	627	633	667	642	3.34	cps
Strontium	88-1	1113	1060	923	1032	9.49	cps
Sulfur	34-1	230773	231043	232055	231290	0.29	cps
Terbium	159-1	12799116	12931701	12527807	12752875	1.61	cps
Terbium	159-2	8167807	8200442	8181589	8183279	0.20	cps
Thallium	203-1	130	97	160	129	24.58	cps
Thallium	205-1	267	290	317	291	8.59	cps
Tin	118-1	2140	2304	2360	2268	5.04	cps
Titanium	47-1	410	443	403	419	5.12	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:27:46	DataFile Name :	079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	33	17	22	43.28	cps
Vanadium	51-2	133	100	130	121	15.16	cps
Yttrium	89-1	18795586	19259019	18612906	18889170	1.76	cps
Yttrium	89-2	4721369	4659323	4622774	4667822	1.07	cps
Zinc	66-2	1160	1180	1140	1160	1.72	cps
Zirconium	90-1	913	847	940	900	5.34	cps
Zirconium	91-1	147	127	127	133	8.66	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:31:07	DataFile Name :	080LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13096	13343	12949	13129	1.52	cps
Antimony	121-1	43208	43402	43104	43238	0.35	cps
Arsenic	75-2	1383	1390	1530	1435	5.77	cps
Barium	135-1	51797	52500	52838	52378	1.01	cps
Barium	137-1	90170	90321	90207	90233	0.09	cps
Beryllium	9-1	3916	4013	4008	3979	1.37	cps
Bismuth	209-1	7403890	7582914	7539834	7508879	1.24	cps
Bismuth	209-2	5771271	5680885	5644402	5698853	1.15	cps
Bromine	81-1	11658	11461	11198	11439	2.02	cps
Bromine	81-2	90	77	40	69	37.58	cps
Cadmium	108-1	547	470	537	518	8.05	cps
Cadmium	106-1	4111	4084	4351	4182	3.51	cps
Cadmium	111-1	10043	10322	10155	10174	1.38	cps
Calcium	43-1	34482	35050	35298	34944	1.20	cps
Calcium	44-1	587696	598233	593101	593010	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27018	27011	27475	27168	0.98	cps
Cobalt	59-2	17741	17804	17928	17824	0.53	cps
Copper	63-2	27492	28006	27612	27703	0.97	cps
Dysprosium	156-1	13	20	20	18	21.66	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	70	130	93	98	30.93	cps
Erbium	164-2	53	73	70	66	16.35	cps
Gadolinium	160-1	73	70	60	68	10.24	cps
Gadolinium	160-2	273	270	323	289	10.34	cps
Holmium	165-1	12452962	12394400	12406868	12418077	0.25	cps
Holmium	165-2	8165522	8246406	8141769	8184565	0.67	cps
Indium	115-1	10828585	10634082	10750546	10737738	0.91	cps
Indium	115-2	3641910	3610915	3579658	3610828	0.86	cps
Iron	56-2	2005442	1957784	1963746	1975657	1.31	cps
Iron	57-2	53374	53465	54445	53761	1.10	cps
Iron	54-2	117070	116550	116933	116851	0.23	cps
Krypton	83-1	273	317	310	300	7.78	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:31:07	DataFile Name :	080LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15068	15069	14401	14846	2.60	cps
Lead	207-1	13433	13060	13046	13180	1.67	cps
Lead	208-1	59888	60163	60197	60083	0.28	cps
Lithium	6-1	1527506	1498052	1456986	1494181	2.37	cps
Magnesium	24-2	566728	560629	561142	562833	0.60	cps
Manganese	55-2	10297	9690	9973	9987	3.04	cps
Molybdenum	94-1	49624	49888	49209	49574	0.69	cps
Molybdenum	95-1	59989	59986	60739	60238	0.72	cps
Molybdenum	96-1	66762	67036	66778	66859	0.23	cps
Molybdenum	97-1	36850	37070	36536	36819	0.73	cps
Molybdenum	98-1	94594	96167	94795	95185	0.90	cps
Neodymium	150-1	17	13	13	14	13.35	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	4991	4978	5128	5032	1.65	cps
Phosphorus	31-2	237	287	233	252	11.84	cps
Potassium	39-2	777718	772807	773790	774771	0.34	cps
Rhodium	103-1	10530912	10508525	10442152	10493863	0.44	cps
Rhodium	103-2	6324271	6407644	6356080	6362665	0.66	cps
Scandium	45-1	7123610	7190794	7172744	7162383	0.49	cps
Scandium	45-2	659169	656838	656848	657618	0.20	cps
Selenium	82-1	2568	2598	2561	2576	0.78	cps
Selenium	77-2	200	183	273	219	21.87	cps
Selenium	78-2	1173	1023	1093	1097	6.84	cps
Silicon	28-1	470093	471134	474198	471809	0.45	cps
Silver	107-1	27610	27880	27573	27688	0.61	cps
Silver	109-1	26017	25783	25626	25809	0.76	cps
Sodium	23-2	972580	969342	962245	968056	0.55	cps
Strontium	86-1	8456	8783	8629	8623	1.90	cps
Strontium	88-1	68780	70454	69966	69733	1.23	cps
Sulfur	34-1	246751	250806	253767	250441	1.41	cps
Terbium	159-1	12653557	12763609	12557099	12658089	0.82	cps
Terbium	159-2	8249055	8197663	8277840	8241519	0.49	cps
Thallium	203-1	17405	17041	17411	17286	1.23	cps
Thallium	205-1	41165	41784	40691	41213	1.33	cps
Tin	118-1	1984	2314	2244	2180	7.98	cps
Titanium	47-1	17073	17911	17287	17423	2.50	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:31:07	DataFile Name :	080LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52490	52557	51914	52320	0.68	cps
Vanadium	51-2	50494	50277	49688	50153	0.83	cps
Yttrium	89-1	18951938	18798016	18978054	18909336	0.51	cps
Yttrium	89-2	4737785	4751120	4646640	4711849	1.21	cps
Zinc	66-2	11751	11755	11485	11664	1.33	cps
Zirconium	90-1	43250	43280	43324	43285	0.09	cps
Zirconium	91-1	8959	9520	9613	9364	3.78	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:34:25	DataFile Name :	081LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8066	7945	7969	7993	0.80	cps
Antimony	121-1	24898	25756	25847	25500	2.05	cps
Arsenic	75-2	860	800	860	840	4.12	cps
Barium	135-1	30506	30720	31234	30820	1.21	cps
Barium	137-1	53360	53320	53152	53277	0.21	cps
Beryllium	9-1	2243	2374	2214	2277	3.73	cps
Bismuth	209-1	7558564	7449426	7442892	7483627	0.87	cps
Bismuth	209-2	5716494	5748878	5732228	5732534	0.28	cps
Bromine	81-1	11905	11421	11475	11600	2.29	cps
Bromine	81-2	67	83	107	86	23.48	cps
Cadmium	108-1	263	330	333	309	12.78	cps
Cadmium	106-1	4037	3794	3774	3868	3.79	cps
Cadmium	111-1	6416	6399	6279	6364	1.17	cps
Calcium	43-1	21175	21459	21382	21338	0.69	cps
Calcium	44-1	365464	368627	368793	367628	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16733	16419	16472	16541	1.01	cps
Cobalt	59-2	10721	10424	10450	10532	1.56	cps
Copper	63-2	18645	18518	18071	18411	1.64	cps
Dysprosium	156-1	20	30	10	20	50.00	cps
Dysprosium	156-2	30	0	17	16	96.62	cps
Erbium	164-1	100	97	80	92	11.62	cps
Erbium	164-2	50	63	83	66	25.59	cps
Gadolinium	160-1	57	60	67	61	8.33	cps
Gadolinium	160-2	280	210	317	269	20.16	cps
Holmium	165-1	12383610	12299752	12253467	12312277	0.54	cps
Holmium	165-2	8220709	8273304	8233329	8242447	0.33	cps
Indium	115-1	10827752	10782203	10647321	10752425	0.87	cps
Indium	115-2	3670336	3606842	3621506	3632895	0.92	cps
Iron	56-2	1236418	1235046	1227585	1233016	0.39	cps
Iron	57-2	32512	32288	32301	32367	0.39	cps
Iron	54-2	69242	69312	70119	69558	0.70	cps
Krypton	83-1	307	360	360	342	9.00	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:34:25	DataFile Name :	081LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9000	8913	8806	8906	1.09	cps
Lead	207-1	7812	7912	7956	7893	0.93	cps
Lead	208-1	36363	35839	35999	36067	0.74	cps
Lithium	6-1	1484296	1556487	1590900	1543895	3.52	cps
Magnesium	24-2	327584	326471	330618	328224	0.65	cps
Manganese	55-2	6378	6345	5985	6236	3.50	cps
Molybdenum	94-1	28504	28929	29299	28911	1.38	cps
Molybdenum	95-1	34571	34748	36051	35123	2.30	cps
Molybdenum	96-1	37822	38835	38624	38427	1.39	cps
Molybdenum	97-1	21059	21910	21246	21405	2.09	cps
Molybdenum	98-1	55308	55445	55706	55486	0.36	cps
Neodymium	150-1	13	13	23	17	34.65	cps
Neodymium	150-2	3	13	17	11	62.48	cps
Nickel	60-2	3220	3074	2917	3070	4.94	cps
Phosphorus	31-2	240	263	297	267	10.68	cps
Potassium	39-2	491610	495357	496100	494355	0.49	cps
Rhodium	103-1	10633814	10393324	10551686	10526275	1.16	cps
Rhodium	103-2	6322867	6400960	6304673	6342833	0.81	cps
Scandium	45-1	7084890	7059188	7123849	7089309	0.46	cps
Scandium	45-2	660697	656791	664259	660582	0.57	cps
Selenium	82-1	1792	1766	1698	1752	2.77	cps
Selenium	77-2	123	117	120	120	2.78	cps
Selenium	78-2	847	790	793	810	3.93	cps
Silicon	28-1	418286	421062	424119	421156	0.69	cps
Silver	107-1	15618	15572	16126	15772	1.95	cps
Silver	109-1	15345	15255	14718	15106	2.25	cps
Sodium	23-2	598169	593102	591729	594333	0.57	cps
Strontium	86-1	5151	5514	5431	5365	3.55	cps
Strontium	88-1	41816	41729	41702	41749	0.14	cps
Sulfur	34-1	258749	261870	262002	260874	0.71	cps
Terbium	159-1	12595706	12681384	12618350	12631813	0.35	cps
Terbium	159-2	8116114	8202638	8341889	8220214	1.39	cps
Thallium	203-1	10064	10034	10121	10073	0.44	cps
Thallium	205-1	23824	24442	24399	24222	1.42	cps
Tin	118-1	2870	3014	2930	2938	2.45	cps
Titanium	47-1	10310	10100	10164	10191	1.06	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:34:25	DataFile Name :	081LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30338	31143	29723	30401	2.34	cps
Vanadium	51-2	28787	29091	29693	29190	1.58	cps
Yttrium	89-1	19094027	18950325	18667257	18903870	1.15	cps
Yttrium	89-2	4709387	4742317	4653846	4701850	0.95	cps
Zinc	66-2	9079	9106	8973	9053	0.78	cps
Zirconium	90-1	23996	24808	24531	24445	1.69	cps
Zirconium	91-1	5431	5661	5318	5470	3.20	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-01	Instrumnet Name :	P7
Client Sample ID :	MYDA53	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:37:46	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18466062	18093623	18197488	18252391	1.05	cps
Antimony	121-1	17618	17668	17624	17636	0.15	cps
Arsenic	75-2	130847	130760	130501	130703	0.14	cps
Barium	135-1	1560610	1517564	1519778	1532650	1.58	cps
Barium	137-1	2657972	2762663	2702726	2707787	1.94	cps
Beryllium	9-1	2629	2587	2766	2661	3.50	cps
Bismuth	209-1	7344034	7470217	7463620	7425957	0.96	cps
Bismuth	209-2	5582424	5679595	5706442	5656154	1.15	cps
Bromine	81-1	15021	15378	15171	15190	1.18	cps
Bromine	81-2	893	873	803	857	5.52	cps
Cadmium	108-1	597	617	540	584	6.80	cps
Cadmium	106-1	4251	4671	4411	4444	4.77	cps
Cadmium	111-1	7082	7125	7174	7127	0.64	cps
Calcium	43-1	401781	412048	408076	407302	1.27	cps
Calcium	44-1	6156771	6314841	6215233	6228948	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1185096	1185397	1184579	1185024	0.03	cps
Cobalt	59-2	785047	788573	776989	783537	0.76	cps
Copper	63-2	1766450	1776622	1769904	1770992	0.29	cps
Dysprosium	156-1	67957	69809	70168	69311	1.71	cps
Dysprosium	156-2	54803	56370	55231	55468	1.46	cps
Erbium	164-1	60447	60658	60922	60676	0.39	cps
Erbium	164-2	40505	41100	40231	40612	1.09	cps
Gadolinium	160-1	65331	65750	66581	65887	0.96	cps
Gadolinium	160-2	46490	46123	46868	46494	0.80	cps
Holmium	165-1	12312144	12655392	12556016	12507851	1.41	cps
Holmium	165-2	8394697	8426132	8441954	8420928	0.29	cps
Indium	115-1	10561881	10419211	10532206	10504433	0.72	cps
Indium	115-2	3557694	3527834	3544300	3543276	0.42	cps
Iron	56-2	894018120	905639533	899126947	899594867	0.65	cps
Iron	57-2	22664771	22258451	21769342	22230855	2.02	cps
Iron	54-2	49563741	50383998	49777648	49908462	0.85	cps
Krypton	83-1	433	463	477	458	4.85	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-01	Instrumnet Name :	P7
Client Sample ID :	MYDA53	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:37:46	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	500856	513913	514566	509778	1.52	cps
Lead	207-1	453098	456828	463225	457717	1.12	cps
Lead	208-1	2016918	2068292	2085316	2056842	1.73	cps
Lithium	6-1	1489417	1448940	1511820	1483393	2.15	cps
Magnesium	24-2	18931208	18383452	18489404	18601355	1.56	cps
Manganese	55-2	30173091	30796754	30234118	30401321	1.13	cps
Molybdenum	94-1	85119	88489	88475	87361	2.22	cps
Molybdenum	95-1	16673	17471	17614	17253	2.94	cps
Molybdenum	96-1	39303	39510	40626	39813	1.79	cps
Molybdenum	97-1	10107	10290	10337	10245	1.19	cps
Molybdenum	98-1	25753	26267	25693	25904	1.22	cps
Neodymium	150-1	114299	115572	117343	115738	1.32	cps
Neodymium	150-2	65063	65632	65706	65467	0.54	cps
Nickel	60-2	300132	299744	299200	299692	0.16	cps
Phosphorus	31-2	53961	54630	54456	54349	0.64	cps
Potassium	39-2	11761636	11860421	11782894	11801651	0.44	cps
Rhodium	103-1	10386342	10181469	10058022	10208611	1.62	cps
Rhodium	103-2	6182700	6213351	6300796	6232282	0.98	cps
Scandium	45-1	7863269	7939702	7843313	7882095	0.65	cps
Scandium	45-2	736355	734895	739469	736906	0.32	cps
Selenium	82-1	695	639	716	683	5.81	cps
Selenium	77-2	283	247	263	264	6.94	cps
Selenium	78-2	603	623	673	633	5.69	cps
Silicon	28-1	46929836	47114871	46925896	46990201	0.23	cps
Silver	107-1	7195	6768	6188	6717	7.53	cps
Silver	109-1	6575	6395	5765	6245	6.81	cps
Sodium	23-2	245446	245588	246729	245921	0.29	cps
Strontium	86-1	449650	462164	461278	457697	1.53	cps
Strontium	88-1	3948516	4067988	4030462	4015655	1.52	cps
Sulfur	34-1	251585	248837	249501	249974	0.57	cps
Terbium	159-1	12723295	13028064	12830267	12860542	1.20	cps
Terbium	159-2	8182566	8266311	8311244	8253374	0.79	cps
Thallium	203-1	3097	3270	3187	3185	2.72	cps
Thallium	205-1	7255	7589	7502	7449	2.32	cps
Tin	118-1	27222	28225	27693	27713	1.81	cps
Titanium	47-1	2087414	2035956	2056854	2060074	1.26	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-01	Instrumnet Name :	P7
Client Sample ID :	MYDA53	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:37:46	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28808	28551	28738	28699	0.46	cps
Vanadium	51-2	1944551	1928042	1875749	1916114	1.87	cps
Yttrium	89-1	20063376	19914311	19972166	19983284	0.38	cps
Yttrium	89-2	4915232	5008643	4929725	4951200	1.02	cps
Zinc	66-2	358493	359900	356668	358354	0.45	cps
Zirconium	90-1	209136	213347	215027	212503	1.43	cps
Zirconium	91-1	46711	48767	48323	47934	2.26	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-02	Instrumnet Name :	P7
Client Sample ID :	MYDA54	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:40:52	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19900651	19364046	19614618	19626438	1.37	cps
Antimony	121-1	52425	53944	53094	53155	1.43	cps
Arsenic	75-2	121032	120131	120088	120417	0.44	cps
Barium	135-1	1853471	1852203	1841059	1848911	0.37	cps
Barium	137-1	3188391	3152094	3191394	3177293	0.69	cps
Beryllium	9-1	3639	3669	3790	3699	2.17	cps
Bismuth	209-1	7615173	7577961	7376938	7523358	1.70	cps
Bismuth	209-2	5710854	5781449	5633163	5708489	1.30	cps
Bromine	81-1	14063	13897	13840	13933	0.83	cps
Bromine	81-2	657	633	527	606	11.45	cps
Cadmium	108-1	777	783	770	777	0.86	cps
Cadmium	106-1	5021	5244	5238	5168	2.46	cps
Cadmium	111-1	7305	7597	7368	7423	2.07	cps
Calcium	43-1	490408	493215	492377	492000	0.29	cps
Calcium	44-1	7408341	7555281	7408003	7457208	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1095439	1097585	1095267	1096097	0.12	cps
Cobalt	59-2	824952	821818	820596	822455	0.27	cps
Copper	63-2	1875789	1861331	1854991	1864037	0.57	cps
Dysprosium	156-1	93885	96274	94190	94783	1.37	cps
Dysprosium	156-2	76698	76896	77438	77011	0.50	cps
Erbium	164-1	77380	79756	78707	78614	1.51	cps
Erbium	164-2	52478	52157	51735	52123	0.72	cps
Gadolinium	160-1	87414	88276	87823	87838	0.49	cps
Gadolinium	160-2	62981	61909	61324	62071	1.35	cps
Holmium	165-1	12767501	12711094	12459004	12645866	1.30	cps
Holmium	165-2	8513135	8569638	8428286	8503686	0.84	cps
Indium	115-1	10520393	10630137	10409859	10520130	1.05	cps
Indium	115-2	3615187	3566525	3595674	3592462	0.68	cps
Iron	56-2	909242813	913876813	901743667	908287764	0.67	cps
Iron	57-2	22616638	22433949	22415318	22488635	0.49	cps
Iron	54-2	50405081	49850703	50216421	50157401	0.56	cps
Krypton	83-1	377	523	500	467	16.89	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-02	Instrumnet Name :	P7
Client Sample ID :	MYDA54	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:40:52	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	639336	640101	645757	641732	0.55	cps
Lead	207-1	568317	570778	565936	568344	0.43	cps
Lead	208-1	2566887	2566960	2565220	2566356	0.04	cps
Lithium	6-1	1578194	1547327	1581772	1569097	1.21	cps
Magnesium	24-2	18679250	18422153	18546192	18549198	0.69	cps
Manganese	55-2	18995401	18814801	18916608	18908937	0.48	cps
Molybdenum	94-1	215456	220760	219027	218414	1.24	cps
Molybdenum	95-1	10504	10921	10724	10716	1.95	cps
Molybdenum	96-1	54661	55107	55478	55082	0.74	cps
Molybdenum	97-1	6725	6888	6792	6802	1.21	cps
Molybdenum	98-1	16216	16593	16866	16558	1.97	cps
Neodymium	150-1	175755	178889	178583	177743	0.97	cps
Neodymium	150-2	99898	99250	98400	99183	0.76	cps
Nickel	60-2	1388489	1387576	1386588	1387551	0.07	cps
Phosphorus	31-2	63146	62373	62189	62570	0.81	cps
Potassium	39-2	9793531	9847654	9730864	9790683	0.60	cps
Rhodium	103-1	10339654	10285616	10239139	10288136	0.49	cps
Rhodium	103-2	6317709	6232335	6285145	6278396	0.69	cps
Scandium	45-1	7914617	7968500	7831093	7904737	0.88	cps
Scandium	45-2	737483	735384	734678	735848	0.20	cps
Selenium	82-1	849	654	751	751	12.96	cps
Selenium	77-2	363	397	370	377	4.68	cps
Selenium	78-2	783	793	717	764	5.45	cps
Silicon	28-1	44355124	45451961	45742118	45183068	1.62	cps
Silver	107-1	5358	5481	5508	5449	1.47	cps
Silver	109-1	4898	4938	4878	4904	0.62	cps
Sodium	23-2	260339	259389	259031	259586	0.26	cps
Strontium	86-1	401469	411714	414832	409338	1.71	cps
Strontium	88-1	3560292	3541303	3615029	3572208	1.07	cps
Sulfur	34-1	236657	237622	236144	236808	0.32	cps
Terbium	159-1	13191181	13467353	12991017	13216517	1.81	cps
Terbium	159-2	8539310	8601143	8405712	8515388	1.17	cps
Thallium	203-1	3621	3527	3701	3616	2.40	cps
Thallium	205-1	8396	8343	8269	8336	0.76	cps
Tin	118-1	26985	27149	27002	27045	0.33	cps
Titanium	47-1	3261119	3332498	3327369	3306995	1.20	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-02	Instrumnet Name :	P7
Client Sample ID :	MYDA54	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:40:52	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39435	39866	40348	39883	1.14	cps
Vanadium	51-2	2011720	2024247	2013903	2016623	0.33	cps
Yttrium	89-1	20303456	19989691	20451560	20248236	1.16	cps
Yttrium	89-2	5066042	5096119	5033291	5065151	0.62	cps
Zinc	66-2	833596	826710	832933	831079	0.46	cps
Zirconium	90-1	577651	585779	588923	584118	1.00	cps
Zirconium	91-1	128759	131043	131553	130451	1.14	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-03	Instrumnet Name :	P7
Client Sample ID :	MYDA55	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:43:58	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12405535	12319088	12454982	12393201	0.55	cps
Antimony	121-1	51572	52736	51579	51962	1.29	cps
Arsenic	75-2	99433	100021	100775	100076	0.67	cps
Barium	135-1	2236434	2250667	2276307	2254469	0.90	cps
Barium	137-1	3952052	3885685	3938123	3925287	0.89	cps
Beryllium	9-1	2397	2389	2348	2378	1.11	cps
Bismuth	209-1	7513340	7666163	7399519	7526341	1.78	cps
Bismuth	209-2	5488291	5622299	5542173	5550921	1.21	cps
Bromine	81-1	13053	13019	13463	13178	1.88	cps
Bromine	81-2	503	473	437	471	7.09	cps
Cadmium	108-1	487	523	570	527	7.93	cps
Cadmium	106-1	4808	4594	4384	4595	4.61	cps
Cadmium	111-1	7055	7200	6984	7080	1.56	cps
Calcium	43-1	337404	342928	347185	342506	1.43	cps
Calcium	44-1	5229190	5395743	5364121	5329685	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	776405	769446	776629	774160	0.53	cps
Cobalt	59-2	612572	609383	606267	609407	0.52	cps
Copper	63-2	1281107	1281033	1274194	1278778	0.31	cps
Dysprosium	156-1	87853	90265	87541	88553	1.68	cps
Dysprosium	156-2	69836	71129	69226	70064	1.39	cps
Erbium	164-1	71736	73834	72473	72681	1.46	cps
Erbium	164-2	47504	47440	47755	47566	0.35	cps
Gadolinium	160-1	78660	79035	80322	79339	1.10	cps
Gadolinium	160-2	54686	54050	55349	54695	1.19	cps
Holmium	165-1	12499914	12605580	12452904	12519466	0.62	cps
Holmium	165-2	8284684	8325060	8311144	8306963	0.25	cps
Indium	115-1	10949508	10957964	10756111	10887861	1.05	cps
Indium	115-2	3549205	3563661	3485539	3532802	1.18	cps
Iron	56-2	874482094	880871427	866447880	873933800	0.83	cps
Iron	57-2	21493912	21280280	21419236	21397809	0.51	cps
Iron	54-2	48202749	48305349	48109363	48205820	0.20	cps
Krypton	83-1	483	513	447	481	6.94	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-03	Instrumnet Name :	P7
Client Sample ID :	MYDA55	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:43:58	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	674035	681995	677374	677801	0.59	cps
Lead	207-1	600808	604866	609778	605150	0.74	cps
Lead	208-1	2738177	2792075	2774422	2768225	0.99	cps
Lithium	6-1	1591158	1594511	1548152	1577940	1.64	cps
Magnesium	24-2	11851511	11876392	11806096	11844667	0.30	cps
Manganese	55-2	38789664	38922999	38586465	38766376	0.44	cps
Molybdenum	94-1	101351	104627	104654	103544	1.83	cps
Molybdenum	95-1	18669	18762	18298	18576	1.32	cps
Molybdenum	96-1	40646	43257	43411	42438	3.66	cps
Molybdenum	97-1	10651	10981	11098	10910	2.13	cps
Molybdenum	98-1	27556	27529	28702	27929	2.40	cps
Neodymium	150-1	135558	140417	138409	138128	1.77	cps
Neodymium	150-2	76583	74724	76171	75826	1.29	cps
Nickel	60-2	537840	542908	537317	539355	0.57	cps
Phosphorus	31-2	38732	38769	38395	38632	0.53	cps
Potassium	39-2	5887121	5820352	5792278	5833250	0.84	cps
Rhodium	103-1	10393412	10377341	10243964	10338239	0.79	cps
Rhodium	103-2	6296532	6262109	6250073	6269571	0.38	cps
Scandium	45-1	7690211	7804383	7688080	7727558	0.86	cps
Scandium	45-2	716944	707575	707401	710640	0.77	cps
Selenium	82-1	666	618	715	666	7.32	cps
Selenium	77-2	340	327	333	333	2.00	cps
Selenium	78-2	760	687	640	696	8.70	cps
Silicon	28-1	40074392	40500349	40555994	40376912	0.65	cps
Silver	107-1	7018	7182	7155	7118	1.23	cps
Silver	109-1	6085	6341	6371	6266	2.52	cps
Sodium	23-2	373058	374061	374311	373810	0.18	cps
Strontium	86-1	299016	305526	305074	303205	1.20	cps
Strontium	88-1	2643505	2653319	2679185	2658670	0.69	cps
Sulfur	34-1	228211	231741	227944	229299	0.92	cps
Terbium	159-1	13011747	12855372	12606258	12824459	1.59	cps
Terbium	159-2	8349249	8356234	8409730	8371738	0.40	cps
Thallium	203-1	2744	2800	2800	2781	1.18	cps
Thallium	205-1	6245	6678	6795	6573	4.41	cps
Tin	118-1	36536	37809	36533	36960	1.99	cps
Titanium	47-1	2028707	2082398	2021249	2044118	1.63	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-03	Instrumnet Name :	P7
Client Sample ID :	MYDA55	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:43:58	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29633	29145	30121	29633	1.65	cps
Vanadium	51-2	1604873	1631395	1638845	1625037	1.10	cps
Yttrium	89-1	19745520	19943655	20136426	19941867	0.98	cps
Yttrium	89-2	5015049	4964904	5002366	4994107	0.52	cps
Zinc	66-2	455968	452716	452957	453881	0.40	cps
Zirconium	90-1	260288	264377	265761	263475	1.08	cps
Zirconium	91-1	57154	58369	58831	58118	1.49	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-04	Instrumnet Name :	P7
Client Sample ID :	MYDA56	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:47:03	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19142196	19290537	18988176	19140303	0.79	cps
Antimony	121-1	15245	15005	15031	15094	0.87	cps
Arsenic	75-2	104578	104132	103199	103969	0.68	cps
Barium	135-1	1496453	1504537	1500263	1500418	0.27	cps
Barium	137-1	2707793	2740608	2708788	2719063	0.69	cps
Beryllium	9-1	3291	3462	3411	3388	2.58	cps
Bismuth	209-1	7424494	7382016	7318269	7374926	0.72	cps
Bismuth	209-2	5534889	5519155	5597804	5550616	0.75	cps
Bromine	81-1	13163	12889	12996	13016	1.06	cps
Bromine	81-2	523	637	593	584	9.79	cps
Cadmium	108-1	700	853	683	746	12.57	cps
Cadmium	106-1	5651	5471	5638	5587	1.80	cps
Cadmium	111-1	5069	4926	5255	5083	3.25	cps
Calcium	43-1	563768	573588	571606	569654	0.91	cps
Calcium	44-1	8785779	8667489	8749469	8734246	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1116153	1120834	1122128	1119705	0.28	cps
Cobalt	59-2	702031	696418	700160	699536	0.41	cps
Copper	63-2	1207178	1207539	1204751	1206489	0.13	cps
Dysprosium	156-1	95982	96532	96351	96288	0.29	cps
Dysprosium	156-2	78535	78515	78877	78642	0.26	cps
Erbium	164-1	74417	75878	74239	74845	1.20	cps
Erbium	164-2	48748	48511	48718	48659	0.27	cps
Gadolinium	160-1	87374	88840	88806	88340	0.95	cps
Gadolinium	160-2	61672	61555	61541	61589	0.12	cps
Holmium	165-1	12711609	12624090	12461578	12599092	1.01	cps
Holmium	165-2	8433929	8277498	8405868	8372431	1.00	cps
Indium	115-1	10682911	10618028	10526173	10609037	0.74	cps
Indium	115-2	3585145	3526007	3535407	3548853	0.90	cps
Iron	56-2	910245906	903275507	904773747	906098387	0.40	cps
Iron	57-2	22081052	22215776	22331058	22209296	0.56	cps
Iron	54-2	49319294	49498066	48972109	49263156	0.54	cps
Krypton	83-1	410	523	463	466	12.18	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-04	Instrumnet Name :	P7
Client Sample ID :	MYDA56	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:47:03	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	290375	297053	293787	293738	1.14	cps
Lead	207-1	256889	257985	260190	258355	0.65	cps
Lead	208-1	1165614	1182183	1174088	1173961	0.71	cps
Lithium	6-1	1503988	1460897	1478350	1481078	1.46	cps
Magnesium	24-2	16041684	16286277	16160545	16162835	0.76	cps
Manganese	55-2	25681343	25542699	25638610	25620884	0.28	cps
Molybdenum	94-1	337207	342387	345674	341756	1.25	cps
Molybdenum	95-1	10250	10320	10721	10430	2.43	cps
Molybdenum	96-1	73149	75956	74693	74599	1.88	cps
Molybdenum	97-1	6028	6391	6128	6182	3.04	cps
Molybdenum	98-1	15398	15585	15939	15641	1.76	cps
Neodymium	150-1	193286	196291	196492	195356	0.92	cps
Neodymium	150-2	107973	107157	108584	107905	0.66	cps
Nickel	60-2	357985	354806	355849	356213	0.46	cps
Phosphorus	31-2	49145	48858	48426	48810	0.74	cps
Potassium	39-2	6761943	6833990	6877072	6824335	0.85	cps
Rhodium	103-1	10266211	10156941	10205926	10209693	0.54	cps
Rhodium	103-2	6251038	6179138	6147364	6192514	0.86	cps
Scandium	45-1	7801902	7775724	7775626	7784417	0.19	cps
Scandium	45-2	734501	729342	728088	730644	0.47	cps
Selenium	82-1	727	656	712	698	5.39	cps
Selenium	77-2	493	467	363	441	15.57	cps
Selenium	78-2	757	700	857	771	10.29	cps
Silicon	28-1	40108014	40224417	40247573	40193335	0.19	cps
Silver	107-1	2780	2727	2884	2797	2.85	cps
Silver	109-1	2350	2470	2284	2368	4.00	cps
Sodium	23-2	251349	249489	252300	251046	0.57	cps
Strontium	86-1	366713	375187	376385	372762	1.41	cps
Strontium	88-1	3245073	3302175	3271175	3272808	0.87	cps
Sulfur	34-1	222057	223226	224312	223198	0.51	cps
Terbium	159-1	12930481	12953107	12770050	12884546	0.77	cps
Terbium	159-2	8225246	8391610	8203822	8273559	1.24	cps
Thallium	203-1	2537	2697	2584	2606	3.16	cps
Thallium	205-1	6021	6155	6065	6080	1.12	cps
Tin	118-1	25890	26014	25974	25959	0.24	cps
Titanium	47-1	3527931	3540852	3588329	3552371	0.90	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-04	Instrumnet Name :	P7
Client Sample ID :	MYDA56	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:47:03	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33081	32379	33068	32843	1.22	cps
Vanadium	51-2	1702801	1743450	1728719	1724990	1.19	cps
Yttrium	89-1	20019394	20278188	20036316	20111299	0.72	cps
Yttrium	89-2	5009148	4942848	4956542	4969512	0.70	cps
Zinc	66-2	238299	235310	237645	237085	0.66	cps
Zirconium	90-1	921165	939306	938172	932881	1.09	cps
Zirconium	91-1	205212	208419	208977	207536	0.98	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-05	Instrumnet Name :	P7
Client Sample ID :	MYDA57	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:50:12	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18948630	19534884	19302453	19261989	1.53	cps
Antimony	121-1	21823	21466	21516	21602	0.90	cps
Arsenic	75-2	125257	124527	126319	125368	0.72	cps
Barium	135-1	2806533	2883476	2911463	2867157	1.90	cps
Barium	137-1	4831864	4999937	4908991	4913597	1.71	cps
Beryllium	9-1	3394	3508	3566	3489	2.51	cps
Bismuth	209-1	7123760	7417584	7318477	7286607	2.05	cps
Bismuth	209-2	5557220	5490247	5444086	5497185	1.03	cps
Bromine	81-1	14177	14571	13963	14237	2.16	cps
Bromine	81-2	730	757	783	757	3.52	cps
Cadmium	108-1	637	753	687	692	8.46	cps
Cadmium	106-1	5288	5348	5171	5269	1.71	cps
Cadmium	111-1	5853	5833	6033	5906	1.86	cps
Calcium	43-1	626690	632908	644140	634579	1.39	cps
Calcium	44-1	9452412	9765446	9669377	9629079	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1179947	1171949	1174828	1175575	0.34	cps
Cobalt	59-2	746904	739525	741711	742713	0.51	cps
Copper	63-2	1294737	1292769	1301109	1296205	0.34	cps
Dysprosium	156-1	96855	96442	97281	96859	0.43	cps
Dysprosium	156-2	78682	79976	78106	78921	1.21	cps
Erbium	164-1	73301	75882	74095	74426	1.78	cps
Erbium	164-2	48236	49173	48808	48739	0.97	cps
Gadolinium	160-1	92436	94422	93862	93573	1.09	cps
Gadolinium	160-2	64076	63774	64886	64245	0.89	cps
Holmium	165-1	12412071	12281966	12307549	12333862	0.56	cps
Holmium	165-2	8294940	8257196	8275744	8275960	0.23	cps
Indium	115-1	10705436	10693461	10709313	10702737	0.08	cps
Indium	115-2	3570281	3500614	3474693	3515196	1.41	cps
Iron	56-2	916213613	924274493	913232306	917906804	0.62	cps
Iron	57-2	22620961	22816930	22516875	22651589	0.67	cps
Iron	54-2	50590723	50575319	50542144	50569395	0.05	cps
Krypton	83-1	440	397	487	441	10.20	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-05	Instrumnet Name :	P7
Client Sample ID :	MYDA57	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:50:12	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	443901	450030	444844	446259	0.74	cps
Lead	207-1	411737	409551	414201	411830	0.56	cps
Lead	208-1	1819491	1853322	1833715	1835510	0.93	cps
Lithium	6-1	1489514	1542912	1434497	1488975	3.64	cps
Magnesium	24-2	16649808	16968353	16868713	16828958	0.97	cps
Manganese	55-2	45228469	45544574	44971879	45248308	0.63	cps
Molybdenum	94-1	263205	266634	270979	266940	1.46	cps
Molybdenum	95-1	12722	12989	12892	12868	1.05	cps
Molybdenum	96-1	62486	65275	64277	64013	2.21	cps
Molybdenum	97-1	7015	7105	7182	7101	1.18	cps
Molybdenum	98-1	17778	18365	18572	18238	2.26	cps
Neodymium	150-1	202610	212219	204584	206471	2.46	cps
Neodymium	150-2	114682	113633	112169	113495	1.11	cps
Nickel	60-2	343002	344254	345148	344134	0.31	cps
Phosphorus	31-2	38832	39511	39494	39279	0.99	cps
Potassium	39-2	3966633	3977363	3939356	3961117	0.49	cps
Rhodium	103-1	10142220	10315477	10031792	10163163	1.41	cps
Rhodium	103-2	6248196	6100747	6107993	6152312	1.35	cps
Scandium	45-1	7688403	7914967	7688739	7764036	1.68	cps
Scandium	45-2	729606	728857	728771	729078	0.06	cps
Selenium	82-1	564	780	644	663	16.49	cps
Selenium	77-2	433	443	400	426	5.33	cps
Selenium	78-2	843	780	760	794	5.48	cps
Silicon	28-1	33943644	35247129	34382456	34524409	1.92	cps
Silver	107-1	2624	2597	2594	2605	0.63	cps
Silver	109-1	2204	2124	2237	2188	2.66	cps
Sodium	23-2	268652	272375	272417	271148	0.80	cps
Strontium	86-1	503561	508593	511184	507779	0.76	cps
Strontium	88-1	4437524	4466914	4606465	4503635	2.00	cps
Sulfur	34-1	222848	224089	224461	223799	0.38	cps
Terbium	159-1	13284784	12927063	12931926	13047924	1.57	cps
Terbium	159-2	8301218	8177121	8298270	8258869	0.86	cps
Thallium	203-1	2714	2730	2674	2706	1.08	cps
Thallium	205-1	6815	7269	6902	6995	3.44	cps
Tin	118-1	24855	26211	25633	25566	2.66	cps
Titanium	47-1	3128833	3220471	3153301	3167535	1.50	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-05	Instrumnet Name :	P7
Client Sample ID :	MYDA57	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:50:12	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37426	36771	37670	37289	1.25	cps
Vanadium	51-2	1752912	1757698	1742460	1751023	0.45	cps
Yttrium	89-1	20380858	20062529	20811589	20418326	1.84	cps
Yttrium	89-2	5055837	5047018	4972436	5025097	0.91	cps
Zinc	66-2	258594	258793	257027	258138	0.37	cps
Zirconium	90-1	716301	729300	734043	726548	1.26	cps
Zirconium	91-1	157660	163294	158967	159974	1.84	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-06	Instrumnet Name :	P7
Client Sample ID :	MYDA58	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:53:18	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15836808	15730805	15916991	15828201	0.59	cps
Antimony	121-1	24174	24438	25029	24547	1.78	cps
Arsenic	75-2	143586	141050	144010	142882	1.12	cps
Barium	135-1	2167174	2152733	2170591	2163499	0.44	cps
Barium	137-1	3714959	3718128	3728391	3720493	0.19	cps
Beryllium	9-1	2161	2276	2253	2230	2.72	cps
Bismuth	209-1	7723583	7213002	7419998	7452194	3.45	cps
Bismuth	209-2	5469414	5443545	5486626	5466528	0.40	cps
Bromine	81-1	12949	12429	12055	12478	3.60	cps
Bromine	81-2	427	450	447	441	2.86	cps
Cadmium	108-1	483	420	427	443	7.85	cps
Cadmium	106-1	4494	4277	4394	4388	2.47	cps
Cadmium	111-1	5788	5874	6088	5916	2.61	cps
Calcium	43-1	265880	268876	264552	266436	0.83	cps
Calcium	44-1	4133461	4095909	4111903	4113758	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1128563	1130746	1121887	1127065	0.41	cps
Cobalt	59-2	925060	919248	918708	921005	0.38	cps
Copper	63-2	1689601	1659456	1655973	1668343	1.11	cps
Dysprosium	156-1	63627	66285	66932	65615	2.67	cps
Dysprosium	156-2	50822	50701	51099	50874	0.40	cps
Erbium	164-1	57431	58264	60156	58617	2.38	cps
Erbium	164-2	37413	37731	37988	37711	0.76	cps
Gadolinium	160-1	63610	63282	62063	62985	1.29	cps
Gadolinium	160-2	43601	44086	43731	43806	0.57	cps
Holmium	165-1	12625920	12579311	12571400	12592210	0.23	cps
Holmium	165-2	8426570	8196518	8305882	8309657	1.38	cps
Indium	115-1	10850646	10293714	10390820	10511726	2.83	cps
Indium	115-2	3528892	3469817	3483899	3494203	0.88	cps
Iron	56-2	1081996331	1080404464	1060856411	1074419068	1.10	cps
Iron	57-2	26745640	26650170	26200990	26532267	1.10	cps
Iron	54-2	59533869	59022634	58495077	59017194	0.88	cps
Krypton	83-1	457	453	453	454	0.42	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-06	Instrumnet Name :	P7
Client Sample ID :	MYDA58	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:53:18	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410543	428475	441910	426976	3.69	cps
Lead	207-1	382360	392263	387053	387225	1.28	cps
Lead	208-1	1715323	1727861	1748106	1730430	0.96	cps
Lithium	6-1	1500164	1393849	1445012	1446341	3.68	cps
Magnesium	24-2	18654487	18029628	18319076	18334397	1.71	cps
Manganese	55-2	50332641	50314458	49508646	50051915	0.94	cps
Molybdenum	94-1	72599	76157	74669	74475	2.40	cps
Molybdenum	95-1	15979	15522	15835	15779	1.48	cps
Molybdenum	96-1	36482	36800	38029	37104	2.20	cps
Molybdenum	97-1	8809	9453	9010	9091	3.62	cps
Molybdenum	98-1	22811	22117	22584	22504	1.57	cps
Neodymium	150-1	105615	104363	106948	105642	1.22	cps
Neodymium	150-2	60027	58728	59083	59279	1.13	cps
Nickel	60-2	297603	296285	296574	296821	0.23	cps
Phosphorus	31-2	38081	37566	37118	37588	1.28	cps
Potassium	39-2	8233615	8180558	8172285	8195486	0.41	cps
Rhodium	103-1	10564862	10040565	10289178	10298202	2.55	cps
Rhodium	103-2	6092642	6089589	6279812	6154014	1.77	cps
Scandium	45-1	8047623	7724321	7796254	7856066	2.16	cps
Scandium	45-2	732378	722066	720771	725072	0.88	cps
Selenium	82-1	663	597	580	613	7.15	cps
Selenium	77-2	197	270	297	254	20.35	cps
Selenium	78-2	573	593	687	618	9.79	cps
Silicon	28-1	32560827	32813906	33176147	32850293	0.94	cps
Silver	107-1	3080	3047	3107	3078	0.98	cps
Silver	109-1	2807	2964	2854	2875	2.80	cps
Sodium	23-2	241003	240331	241827	241054	0.31	cps
Strontium	86-1	396486	411222	412463	406724	2.19	cps
Strontium	88-1	3583459	3587434	3535784	3568892	0.81	cps
Sulfur	34-1	231087	234174	235006	233422	0.88	cps
Terbium	159-1	13230912	12851279	12658120	12913437	2.26	cps
Terbium	159-2	8327975	8112452	8264697	8235041	1.35	cps
Thallium	203-1	2567	2417	2677	2554	5.11	cps
Thallium	205-1	6175	6148	5901	6075	2.48	cps
Tin	118-1	19427	19837	20458	19907	2.61	cps
Titanium	47-1	1638237	1596935	1625347	1620173	1.30	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-06	Instrumnet Name :	P7
Client Sample ID :	MYDA58	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:53:18	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24563	25418	24770	24917	1.79	cps
Vanadium	51-2	2051793	2043368	2045199	2046787	0.22	cps
Yttrium	89-1	20506840	19889678	19921680	20106066	1.73	cps
Yttrium	89-2	4939930	4884112	4950379	4924807	0.72	cps
Zinc	66-2	321594	322123	321638	321785	0.09	cps
Zirconium	90-1	179712	179087	178559	179119	0.32	cps
Zirconium	91-1	39673	40238	40619	40177	1.18	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-07	Instrumnet Name :	P7
Client Sample ID :	MYDA59	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:56:26	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15106147	15114781	14995760	15072229	0.44	cps
Antimony	121-1	25459	25897	24902	25419	1.96	cps
Arsenic	75-2	137504	136020	136416	136647	0.56	cps
Barium	135-1	1680445	1685698	1699499	1688547	0.58	cps
Barium	137-1	2859670	2890293	2933536	2894500	1.28	cps
Beryllium	9-1	2164	2205	2291	2220	2.92	cps
Bismuth	209-1	7374378	7298914	7401122	7358138	0.72	cps
Bismuth	209-2	5490892	5490413	5481777	5487694	0.09	cps
Bromine	81-1	12145	11838	11638	11874	2.15	cps
Bromine	81-2	453	463	483	467	3.27	cps
Cadmium	108-1	373	390	357	373	4.46	cps
Cadmium	106-1	4267	4287	4227	4261	0.72	cps
Cadmium	111-1	5386	5395	5440	5407	0.53	cps
Calcium	43-1	257964	266401	262079	262148	1.61	cps
Calcium	44-1	3962234	4089831	4087642	4046569	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1119865	1111674	1113117	1114885	0.39	cps
Cobalt	59-2	759998	762815	764453	762422	0.30	cps
Copper	63-2	1453339	1440022	1444981	1446114	0.47	cps
Dysprosium	156-1	65355	66155	65961	65823	0.63	cps
Dysprosium	156-2	51825	51203	50544	51191	1.25	cps
Erbium	164-1	56357	56360	57524	56747	1.19	cps
Erbium	164-2	36090	36381	36651	36374	0.77	cps
Gadolinium	160-1	59090	59881	61685	60219	2.21	cps
Gadolinium	160-2	42916	43320	42785	43007	0.65	cps
Holmium	165-1	12992197	12873453	12551765	12805805	1.78	cps
Holmium	165-2	8245758	8293492	8301269	8280173	0.36	cps
Indium	115-1	10363272	10226245	10358766	10316095	0.75	cps
Indium	115-2	3483910	3529389	3417127	3476809	1.62	cps
Iron	56-2	1050842918	1066609424	1052032811	1056495051	0.83	cps
Iron	57-2	25946798	26239155	26344854	26176935	0.79	cps
Iron	54-2	58198139	58371642	58484779	58351520	0.25	cps
Krypton	83-1	403	413	407	408	1.25	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-07	Instrumnet Name :	P7
Client Sample ID :	MYDA59	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:56:26	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	401859	405844	409350	405684	0.92	cps
Lead	207-1	361135	371209	364818	365721	1.39	cps
Lead	208-1	1604189	1634544	1640251	1626328	1.19	cps
Lithium	6-1	1472693	1366785	1454318	1431265	3.95	cps
Magnesium	24-2	16856923	16680688	16864639	16800750	0.62	cps
Manganese	55-2	37269015	37442671	37755802	37489163	0.66	cps
Molybdenum	94-1	81867	84478	83684	83343	1.61	cps
Molybdenum	95-1	14501	15051	14784	14779	1.86	cps
Molybdenum	96-1	38283	37060	38922	38089	2.48	cps
Molybdenum	97-1	8789	9296	9000	9028	2.82	cps
Molybdenum	98-1	21369	22023	22000	21797	1.70	cps
Neodymium	150-1	105071	104799	108698	106190	2.05	cps
Neodymium	150-2	59324	60660	59344	59776	1.28	cps
Nickel	60-2	273892	268053	272705	271550	1.14	cps
Phosphorus	31-2	35050	35381	34820	35084	0.80	cps
Potassium	39-2	7283912	7221745	7350925	7285528	0.89	cps
Rhodium	103-1	10242648	10051373	10370709	10221577	1.57	cps
Rhodium	103-2	6217018	6199683	6077483	6164728	1.23	cps
Scandium	45-1	7562781	7636172	7632052	7610335	0.54	cps
Scandium	45-2	717122	715640	716055	716272	0.11	cps
Selenium	82-1	695	719	685	700	2.49	cps
Selenium	77-2	250	253	223	242	6.79	cps
Selenium	78-2	613	620	707	647	8.05	cps
Silicon	28-1	33495196	33829605	34748509	34024437	1.91	cps
Silver	107-1	2577	2524	2477	2526	1.98	cps
Silver	109-1	2344	2454	2600	2466	5.22	cps
Sodium	23-2	243170	243177	243553	243300	0.09	cps
Strontium	86-1	319692	326068	321780	322513	1.01	cps
Strontium	88-1	2737126	2812496	2800821	2783481	1.46	cps
Sulfur	34-1	227813	227396	229545	228252	0.50	cps
Terbium	159-1	12775683	12857869	12596982	12743511	1.05	cps
Terbium	159-2	8268208	8119175	8149875	8179086	0.96	cps
Thallium	203-1	2400	2187	2317	2301	4.67	cps
Thallium	205-1	5541	5615	5388	5515	2.10	cps
Tin	118-1	20084	19276	20117	19826	2.40	cps
Titanium	47-1	1866953	1879881	1908075	1884970	1.12	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-07	Instrumnet Name :	P7
Client Sample ID :	MYDA59	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:56:26	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23421	25354	24556	24444	3.98	cps
Vanadium	51-2	1985478	1966650	2011807	1987978	1.14	cps
Yttrium	89-1	19764789	19400358	19551021	19572056	0.94	cps
Yttrium	89-2	4924329	4890372	4844237	4886312	0.82	cps
Zinc	66-2	297840	296465	296515	296940	0.26	cps
Zirconium	90-1	201256	205240	205351	203949	1.14	cps
Zirconium	91-1	45968	46788	47283	46680	1.42	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-08	Instrumnet Name :	P7
Client Sample ID :	MYDA60	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:59:32	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16993316	17089704	17078129	17053717	0.31	cps
Antimony	121-1	29631	30188	30459	30093	1.40	cps
Arsenic	75-2	162576	162698	160703	161992	0.69	cps
Barium	135-1	2827795	2914319	2752879	2831664	2.85	cps
Barium	137-1	4874149	4944275	4733640	4850688	2.21	cps
Beryllium	9-1	2422	2473	2579	2491	3.21	cps
Bismuth	209-1	7221389	7257082	7569803	7349425	2.61	cps
Bismuth	209-2	5549020	5507875	5537345	5531413	0.38	cps
Bromine	81-1	12676	12876	12042	12531	3.47	cps
Bromine	81-2	493	580	550	541	8.13	cps
Cadmium	108-1	480	470	567	506	10.52	cps
Cadmium	106-1	4337	4454	4444	4412	1.47	cps
Cadmium	111-1	6021	6183	5861	6021	2.67	cps
Calcium	43-1	349424	360888	348811	353041	1.93	cps
Calcium	44-1	5391948	5522476	5409441	5441288	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1302856	1306597	1306083	1305179	0.16	cps
Cobalt	59-2	1146252	1155443	1149878	1150524	0.40	cps
Copper	63-2	1546574	1592843	1575524	1571647	1.49	cps
Dysprosium	156-1	71759	73427	74265	73150	1.74	cps
Dysprosium	156-2	59214	59157	59348	59240	0.17	cps
Erbium	164-1	61130	63631	65338	63366	3.34	cps
Erbium	164-2	42561	41625	41445	41877	1.43	cps
Gadolinium	160-1	68553	71019	68443	69338	2.10	cps
Gadolinium	160-2	48407	49915	49484	49269	1.58	cps
Holmium	165-1	12146219	12233032	12161431	12180227	0.38	cps
Holmium	165-2	8302279	8228010	8160546	8230279	0.86	cps
Indium	115-1	10600347	10553887	10315161	10489798	1.46	cps
Indium	115-2	3464967	3438595	3483932	3462498	0.66	cps
Iron	56-2	1286313714	1281968221	1264442434	1277574790	0.91	cps
Iron	57-2	31238505	31945829	31181706	31455346	1.35	cps
Iron	54-2	70240624	69170929	70007031	69806195	0.81	cps
Krypton	83-1	450	453	400	434	6.88	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-08	Instrumnet Name :	P7
Client Sample ID :	MYDA60	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:59:32	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	462491	472550	486338	473793	2.53	cps
Lead	207-1	437387	446029	437383	440266	1.13	cps
Lead	208-1	1945090	1974761	1984100	1967984	1.04	cps
Lithium	6-1	1480225	1471150	1518581	1489985	1.69	cps
Magnesium	24-2	18736989	18879351	18839311	18818550	0.39	cps
Manganese	55-2	66385634	65832797	66023321	66080584	0.42	cps
Molybdenum	94-1	109738	110513	110697	110316	0.46	cps
Molybdenum	95-1	21155	21846	21502	21501	1.61	cps
Molybdenum	96-1	49012	48998	50704	49571	1.98	cps
Molybdenum	97-1	11935	12332	12562	12276	2.58	cps
Molybdenum	98-1	29954	31441	30896	30764	2.44	cps
Neodymium	150-1	120816	122937	125372	123042	1.85	cps
Neodymium	150-2	68053	67896	67809	67919	0.18	cps
Nickel	60-2	337585	338681	336283	337516	0.36	cps
Phosphorus	31-2	38943	39671	38993	39202	1.04	cps
Potassium	39-2	7560007	7566512	7606842	7577787	0.33	cps
Rhodium	103-1	9879993	9840587	10325495	10015358	2.69	cps
Rhodium	103-2	6136767	6008724	6079553	6075015	1.06	cps
Scandium	45-1	7675762	7655302	7669260	7666774	0.14	cps
Scandium	45-2	708433	710532	707078	708681	0.25	cps
Selenium	82-1	660	727	715	701	5.10	cps
Selenium	77-2	277	310	300	296	5.79	cps
Selenium	78-2	617	590	627	611	3.10	cps
Silicon	28-1	27095648	28121054	29104863	28107188	3.57	cps
Silver	107-1	3184	3430	3047	3220	6.03	cps
Silver	109-1	2747	2747	3030	2841	5.76	cps
Sodium	23-2	248403	248214	248511	248376	0.06	cps
Strontium	86-1	466770	475962	480566	474433	1.48	cps
Strontium	88-1	4127539	4290827	4189103	4202490	1.96	cps
Sulfur	34-1	241096	241727	243117	241980	0.43	cps
Terbium	159-1	12784282	12632321	12548387	12654997	0.94	cps
Terbium	159-2	8176144	8092680	8159639	8142821	0.54	cps
Thallium	203-1	2974	2974	2960	2969	0.26	cps
Thallium	205-1	7289	7122	7232	7214	1.18	cps
Tin	118-1	42827	43456	44071	43451	1.43	cps
Titanium	47-1	1937927	1957692	2053524	1983048	3.12	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-08	Instrumnet Name :	P7
Client Sample ID :	MYDA60	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 16:59:32	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28006	28056	27251	27771	1.62	cps
Vanadium	51-2	2273492	2310152	2281741	2288462	0.84	cps
Yttrium	89-1	19404629	19811853	19356848	19524443	1.28	cps
Yttrium	89-2	4775263	4871739	4798999	4815334	1.04	cps
Zinc	66-2	351090	353504	351763	352119	0.35	cps
Zirconium	90-1	272098	277736	277271	275702	1.14	cps
Zirconium	91-1	59413	60574	62954	60980	2.96	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-09	Instrumnet Name :	P7
Client Sample ID :	MYDA61	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:02:40	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21343492	21234982	20914183	21164219	1.05	cps
Antimony	121-1	28766	27760	27703	28076	2.13	cps
Arsenic	75-2	202634	201911	201252	201932	0.34	cps
Barium	135-1	3222901	3225720	3325694	3258105	1.80	cps
Barium	137-1	5520130	5499862	5714108	5578034	2.12	cps
Beryllium	9-1	3789	3999	3885	3891	2.71	cps
Bismuth	209-1	7224761	7556546	7505390	7428899	2.40	cps
Bismuth	209-2	5519613	5526293	5467999	5504635	0.58	cps
Bromine	81-1	12465	13179	13226	12957	3.29	cps
Bromine	81-2	693	650	760	701	7.90	cps
Cadmium	108-1	680	647	767	698	8.88	cps
Cadmium	106-1	4901	5031	4681	4871	3.63	cps
Cadmium	111-1	7879	8043	7984	7969	1.05	cps
Calcium	43-1	392104	390718	401042	394621	1.42	cps
Calcium	44-1	5941561	6225445	6170063	6112356	2.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1533413	1558329	1536817	1542853	0.88	cps
Cobalt	59-2	1051928	1051595	1055170	1052898	0.19	cps
Copper	63-2	2252659	2252592	2268640	2257963	0.41	cps
Dysprosium	156-1	104092	102628	102276	102999	0.94	cps
Dysprosium	156-2	80553	79051	78692	79432	1.24	cps
Erbium	164-1	91896	94584	93393	93291	1.44	cps
Erbium	164-2	60303	61421	60926	60883	0.92	cps
Gadolinium	160-1	97560	99138	101031	99243	1.75	cps
Gadolinium	160-2	68346	68279	70181	68935	1.57	cps
Holmium	165-1	12697845	12583524	12449016	12576795	0.99	cps
Holmium	165-2	8264992	8466298	8216687	8315992	1.59	cps
Indium	115-1	10283479	10736656	10683615	10567917	2.34	cps
Indium	115-2	3505505	3470060	3449809	3475125	0.81	cps
Iron	56-2	1519791977	1488716458	1476780298	1495096244	1.49	cps
Iron	57-2	37041882	36451357	36750264	36747834	0.80	cps
Iron	54-2	83321847	82388100	82020992	82576980	0.81	cps
Krypton	83-1	473	470	477	473	0.70	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-09	Instrumnet Name :	P7
Client Sample ID :	MYDA61	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:02:40	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	581989	589986	588745	586906	0.73	cps
Lead	207-1	530458	517610	534942	527670	1.70	cps
Lead	208-1	2331094	2401874	2411784	2381584	1.85	cps
Lithium	6-1	1429403	1554837	1463543	1482594	4.37	cps
Magnesium	24-2	21914321	21500560	21347552	21587478	1.36	cps
Manganese	55-2	49902724	49929996	49256551	49696424	0.77	cps
Molybdenum	94-1	156617	156196	155021	155945	0.53	cps
Molybdenum	95-1	19339	20221	20081	19880	2.38	cps
Molybdenum	96-1	57094	58436	58182	57904	1.23	cps
Molybdenum	97-1	11545	11942	11735	11740	1.69	cps
Molybdenum	98-1	28655	29613	29640	29303	1.92	cps
Neodymium	150-1	161618	172735	167220	167191	3.32	cps
Neodymium	150-2	90371	92071	92659	91700	1.30	cps
Nickel	60-2	404204	402078	401816	402700	0.33	cps
Phosphorus	31-2	55480	55514	54496	55163	1.05	cps
Potassium	39-2	11495111	11381818	11473516	11450148	0.53	cps
Rhodium	103-1	9954893	10030055	9839604	9941517	0.96	cps
Rhodium	103-2	6087360	6097589	6048744	6077898	0.42	cps
Scandium	45-1	7839459	8258268	8031998	8043242	2.61	cps
Scandium	45-2	745802	738026	733126	738985	0.86	cps
Selenium	82-1	695	750	704	716	4.14	cps
Selenium	77-2	397	400	380	392	2.73	cps
Selenium	78-2	710	777	710	732	5.26	cps
Silicon	28-1	32456206	33267285	32901442	32874978	1.24	cps
Silver	107-1	10994	10971	11304	11090	1.68	cps
Silver	109-1	10087	10304	10040	10144	1.39	cps
Sodium	23-2	264737	263055	261106	262966	0.69	cps
Strontium	86-1	489903	487662	486421	487995	0.36	cps
Strontium	88-1	4304381	4194035	4331322	4276579	1.70	cps
Sulfur	34-1	238736	237870	236259	237622	0.53	cps
Terbium	159-1	13078462	12560649	12883069	12840726	2.04	cps
Terbium	159-2	8303640	8212609	8097337	8204529	1.26	cps
Thallium	203-1	3821	3564	3774	3719	3.68	cps
Thallium	205-1	9116	8990	9230	9112	1.32	cps
Tin	118-1	25256	26121	25583	25653	1.70	cps
Titanium	47-1	2318154	2468972	2431002	2406043	3.26	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-09	Instrumnet Name :	P7
Client Sample ID :	MYDA61	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:02:40	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43166	43186	44899	43751	2.27	cps
Vanadium	51-2	3016612	2918283	2901272	2945389	2.11	cps
Yttrium	89-1	20465188	19790204	20316921	20190771	1.76	cps
Yttrium	89-2	4996025	4921411	4942864	4953433	0.78	cps
Zinc	66-2	394210	393056	391223	392830	0.38	cps
Zirconium	90-1	394358	407134	411042	404178	2.16	cps
Zirconium	91-1	87677	90450	88914	89013	1.56	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-10	Instrumnet Name :	P7
Client Sample ID :	MYDA62	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:05:44	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15382171	15533045	15454918	15456711	0.49	cps
Antimony	121-1	22354	22822	22184	22453	1.47	cps
Arsenic	75-2	139969	139676	139562	139736	0.15	cps
Barium	135-1	1354599	1388963	1375185	1372916	1.26	cps
Barium	137-1	2435029	2494745	2487062	2472279	1.31	cps
Beryllium	9-1	2144	2177	2191	2171	1.10	cps
Bismuth	209-1	7530385	7487221	7334835	7450814	1.38	cps
Bismuth	209-2	5594765	5433264	5549811	5525947	1.51	cps
Bromine	81-1	12799	12609	12028	12479	3.22	cps
Bromine	81-2	587	443	503	511	14.08	cps
Cadmium	108-1	360	377	390	376	4.00	cps
Cadmium	106-1	4301	4217	4087	4202	2.56	cps
Cadmium	111-1	5589	5769	5889	5749	2.62	cps
Calcium	43-1	265550	269250	272511	269104	1.29	cps
Calcium	44-1	4142039	4157668	4130341	4143349	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1057631	1068800	1068680	1065037	0.60	cps
Cobalt	59-2	745014	744614	747167	745598	0.18	cps
Copper	63-2	1553290	1538764	1555061	1549038	0.58	cps
Dysprosium	156-1	58137	59706	59459	59101	1.43	cps
Dysprosium	156-2	45965	45413	46446	45942	1.13	cps
Erbium	164-1	52140	53770	53592	53167	1.68	cps
Erbium	164-2	35097	35101	35244	35147	0.24	cps
Gadolinium	160-1	56082	56949	55975	56335	0.95	cps
Gadolinium	160-2	39920	39382	40007	39770	0.85	cps
Holmium	165-1	12355855	12542310	12391312	12429826	0.80	cps
Holmium	165-2	8241488	8226771	8275534	8247931	0.30	cps
Indium	115-1	10393961	10607510	10341873	10447781	1.35	cps
Indium	115-2	3451325	3457050	3490833	3466402	0.62	cps
Iron	56-2	919785346	931899533	934304039	928662973	0.84	cps
Iron	57-2	22861092	22685993	23176897	22907994	1.09	cps
Iron	54-2	50948958	51251348	51315001	51171769	0.38	cps
Krypton	83-1	397	453	427	426	6.66	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-10	Instrumnet Name :	P7
Client Sample ID :	MYDA62	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:05:44	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	361892	370324	368731	366983	1.22	cps
Lead	207-1	327568	333868	332192	331210	0.99	cps
Lead	208-1	1473341	1491510	1496101	1486984	0.81	cps
Lithium	6-1	1477428	1427662	1460457	1455183	1.74	cps
Magnesium	24-2	17558414	17167256	17358613	17361428	1.13	cps
Manganese	55-2	28771091	28902384	28902616	28858697	0.26	cps
Molybdenum	94-1	70619	70803	71527	70983	0.68	cps
Molybdenum	95-1	15869	16383	16363	16205	1.80	cps
Molybdenum	96-1	35677	36108	35563	35783	0.80	cps
Molybdenum	97-1	9827	9957	9620	9801	1.73	cps
Molybdenum	98-1	24070	25175	25008	24751	2.41	cps
Neodymium	150-1	93977	96756	95578	95437	1.46	cps
Neodymium	150-2	52441	52501	52765	52569	0.33	cps
Nickel	60-2	269831	270791	273317	271313	0.66	cps
Phosphorus	31-2	36523	37536	37850	37303	1.86	cps
Potassium	39-2	8051109	8046533	8159949	8085864	0.79	cps
Rhodium	103-1	10037372	10097498	10030827	10055232	0.37	cps
Rhodium	103-2	6219036	6230300	6166208	6205181	0.55	cps
Scandium	45-1	7661650	7579906	7614240	7618599	0.54	cps
Scandium	45-2	708180	707409	706125	707238	0.15	cps
Selenium	82-1	642	700	698	680	4.87	cps
Selenium	77-2	263	293	230	262	12.08	cps
Selenium	78-2	637	647	567	617	7.07	cps
Silicon	28-1	37323037	37670006	37506474	37499839	0.46	cps
Silver	107-1	3314	3270	3210	3265	1.59	cps
Silver	109-1	3180	2830	3074	3028	5.93	cps
Sodium	23-2	234979	237561	238630	237057	0.79	cps
Strontium	86-1	297081	301100	301043	299742	0.77	cps
Strontium	88-1	2652916	2623644	2614820	2630460	0.76	cps
Sulfur	34-1	222032	223251	221918	222400	0.33	cps
Terbium	159-1	12859560	12944113	12535788	12779820	1.69	cps
Terbium	159-2	8204836	8209943	8294364	8236381	0.61	cps
Thallium	203-1	2234	2224	2177	2211	1.37	cps
Thallium	205-1	5138	5258	5278	5224	1.45	cps
Tin	118-1	19800	21002	20204	20336	3.01	cps
Titanium	47-1	1645065	1622509	1625997	1631190	0.74	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-10	Instrumnet Name :	P7
Client Sample ID :	MYDA62	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:05:44	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23815	24055	24563	24144	1.58	cps
Vanadium	51-2	1949624	1911458	1901493	1920858	1.32	cps
Yttrium	89-1	19733066	19478884	19512385	19574778	0.71	cps
Yttrium	89-2	4797548	4805504	4774448	4792500	0.34	cps
Zinc	66-2	290244	290600	291364	290736	0.20	cps
Zirconium	90-1	166782	171644	170818	169748	1.53	cps
Zirconium	91-1	37939	38394	38845	38393	1.18	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:14:51	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15840049	15861797	15811043	15837629	0.16	cps
Antimony	121-1	5902676	5976633	5930492	5936600	0.63	cps
Arsenic	75-2	340417	339197	339736	339784	0.18	cps
Barium	135-1	7792872	7859147	7950701	7867573	1.01	cps
Barium	137-1	13265429	13403579	13446896	13371968	0.71	cps
Beryllium	9-1	1100155	1124704	1119633	1114831	1.16	cps
Bismuth	209-1	6985340	7085799	7011646	7027595	0.74	cps
Bismuth	209-2	5368414	5332555	5201335	5300768	1.66	cps
Bromine	81-1	12265	11605	11665	11845	3.08	cps
Bromine	81-2	83	110	93	96	14.10	cps
Cadmium	108-1	108636	111010	109818	109822	1.08	cps
Cadmium	106-1	158454	161763	161756	160658	1.19	cps
Cadmium	111-1	1463187	1480734	1491099	1478340	0.95	cps
Calcium	43-1	9448103	9345874	9464502	9419493	0.68	cps
Calcium	44-1	150528388	149184914	151659041	150457448	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2916737	2900012	2872268	2896339	0.78	cps
Cobalt	59-2	4683772	4655567	4634783	4658041	0.53	cps
Copper	63-2	32248652	32405834	32033725	32229404	0.58	cps
Dysprosium	156-1	290	320	233	281	15.66	cps
Dysprosium	156-2	503	470	513	496	4.58	cps
Erbium	164-1	397	267	397	353	21.24	cps
Erbium	164-2	187	220	217	208	8.84	cps
Gadolinium	160-1	310	307	287	301	4.19	cps
Gadolinium	160-2	483	410	440	444	8.30	cps
Holmium	165-1	12415351	12480699	12312544	12402864	0.68	cps
Holmium	165-2	8322067	8321686	8124441	8256064	1.38	cps
Indium	115-1	10092988	9907752	9780814	9927185	1.58	cps
Indium	115-2	3332460	3387187	3306640	3342096	1.23	cps
Iron	56-2	615352258	619275191	609806471	614811306	0.77	cps
Iron	57-2	15204443	15234129	15115199	15184590	0.41	cps
Iron	54-2	33972882	34177604	33934224	34028236	0.38	cps
Krypton	83-1	353	297	390	347	13.56	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:14:51	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20889982	21480242	21313465	21227896	1.43	cps
Lead	207-1	18388070	19109826	18941061	18812986	2.01	cps
Lead	208-1	83614578	86463232	85372007	85149939	1.69	cps
Lithium	6-1	1607357	1614964	1600382	1607568	0.45	cps
Magnesium	24-2	132634455	133270378	132755735	132886856	0.25	cps
Manganese	55-2	20524406	20741920	20589099	20618475	0.54	cps
Molybdenum	94-1	24534465	24583405	24534106	24550659	0.12	cps
Molybdenum	95-1	35814066	35845995	36054555	35904872	0.36	cps
Molybdenum	96-1	38962214	39287898	39249529	39166547	0.45	cps
Molybdenum	97-1	22083003	22168246	22322650	22191300	0.55	cps
Molybdenum	98-1	56144574	56733797	56910184	56596185	0.71	cps
Neodymium	150-1	403	403	493	433	11.99	cps
Neodymium	150-2	137	153	137	142	6.77	cps
Nickel	60-2	1156706	1149671	1145512	1150630	0.49	cps
Phosphorus	31-2	172213	172410	171410	172011	0.31	cps
Potassium	39-2	83826207	84124687	84180207	84043700	0.23	cps
Rhodium	103-1	9404418	9391154	9374609	9390060	0.16	cps
Rhodium	103-2	5685282	5670912	5576450	5644215	1.05	cps
Scandium	45-1	6808828	6719040	6649545	6725804	1.19	cps
Scandium	45-2	613983	612330	604521	610278	0.83	cps
Selenium	82-1	98603	99946	100245	99598	0.88	cps
Selenium	77-2	9710	9697	9880	9762	1.05	cps
Selenium	78-2	32255	32065	32018	32113	0.39	cps
Silicon	28-1	27549245	28166957	27741316	27819173	1.14	cps
Silver	107-1	7538920	7539989	7664597	7581169	0.95	cps
Silver	109-1	7005380	7077101	7095839	7059440	0.68	cps
Sodium	23-2	228726823	227818257	226370357	227638479	0.52	cps
Strontium	86-1	51772801	52050304	52723141	52182082	0.94	cps
Strontium	88-1	457571073	459600300	465653966	460941780	0.91	cps
Sulfur	34-1	831898	837773	831728	833800	0.41	cps
Terbium	159-1	12570619	12660505	12595705	12608943	0.37	cps
Terbium	159-2	8151227	8321610	8190940	8221259	1.08	cps
Thallium	203-1	5288313	5364442	5417312	5356689	1.21	cps
Thallium	205-1	12540603	12990905	12769746	12767085	1.76	cps
Tin	118-1	5055537	5120725	5044234	5073498	0.81	cps
Titanium	47-1	9879686	9940779	9942125	9920863	0.36	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV010	Instrumnet Name :	P7
Client Sample ID :	CCV010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:14:51	DataFile Name :	094CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17186522	17537217	17294231	17339323	1.04	cps
Vanadium	51-2	2672964	2567763	2564745	2601824	2.37	cps
Yttrium	89-1	18329235	17941981	18025903	18099040	1.13	cps
Yttrium	89-2	4471573	4434209	4453918	4453234	0.42	cps
Zinc	66-2	4838178	4907957	4932937	4893024	1.00	cps
Zirconium	90-1	11339022	11342012	11352651	11344561	0.06	cps
Zirconium	91-1	2551287	2511303	2488112	2516901	1.27	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:17:35	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1913	1697	1533	1715	11.12	cps
Antimony	121-1	5785	5218	5344	5449	5.46	cps
Arsenic	75-2	47	43	53	48	10.66	cps
Barium	135-1	1713	1410	1147	1423	19.92	cps
Barium	137-1	2760	2300	2144	2401	13.35	cps
Beryllium	9-1	258	274	224	252	10.22	cps
Bismuth	209-1	7212961	7262680	7268445	7248029	0.42	cps
Bismuth	209-2	5622799	5654703	5800346	5692616	1.66	cps
Bromine	81-1	11605	11892	11842	11779	1.30	cps
Bromine	81-2	180	177	153	170	8.54	cps
Cadmium	108-1	37	37	47	40	14.43	cps
Cadmium	106-1	3290	3480	3407	3393	2.83	cps
Cadmium	111-1	2691	2767	2669	2709	1.91	cps
Calcium	43-1	2527	2200	1870	2199	14.93	cps
Calcium	44-1	58058	52458	48197	52904	9.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1920	1737	1823	1827	5.02	cps
Cobalt	59-2	540	500	440	493	10.20	cps
Copper	63-2	5508	5251	4724	5161	7.74	cps
Dysprosium	156-1	27	10	7	14	74.18	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	70	103	100	91	20.15	cps
Erbium	164-2	43	57	70	57	23.53	cps
Gadolinium	160-1	73	53	30	52	41.53	cps
Gadolinium	160-2	323	283	250	286	12.86	cps
Holmium	165-1	11860827	12013922	11843480	11906076	0.79	cps
Holmium	165-2	8179266	8208585	8275115	8220988	0.60	cps
Indium	115-1	10083790	9996813	10030821	10037141	0.44	cps
Indium	115-2	3472451	3476337	3511129	3486639	0.61	cps
Iron	56-2	89978	77897	72072	79982	11.42	cps
Iron	57-2	3674	3450	3237	3454	6.32	cps
Iron	54-2	6355	5801	5514	5890	7.25	cps
Krypton	83-1	337	323	327	329	2.11	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:17:35	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5451	4691	3947	4696	16.01	cps
Lead	207-1	4651	4277	3557	4162	13.36	cps
Lead	208-1	21447	18872	16211	18843	13.89	cps
Lithium	6-1	1574733	1582790	1627885	1595136	1.80	cps
Magnesium	24-2	13860	11828	10440	12043	14.28	cps
Manganese	55-2	2874	2407	2120	2467	15.42	cps
Molybdenum	94-1	8549	7222	5931	7234	18.10	cps
Molybdenum	95-1	8803	7252	6355	7470	16.58	cps
Molybdenum	96-1	9750	8389	6882	8340	17.20	cps
Molybdenum	97-1	5358	4487	3804	4550	17.12	cps
Molybdenum	98-1	13296	11722	10310	11776	12.68	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	360	380	350	363	4.20	cps
Phosphorus	31-2	190	210	180	193	7.90	cps
Potassium	39-2	107704	104324	104488	105506	1.81	cps
Rhodium	103-1	9588851	9712193	9737913	9679652	0.82	cps
Rhodium	103-2	6138487	6060043	6050832	6083120	0.79	cps
Scandium	45-1	6415805	6427507	6492980	6445431	0.65	cps
Scandium	45-2	607670	600564	608940	605724	0.75	cps
Selenium	82-1	452	482	444	459	4.33	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	347	403	470	407	15.18	cps
Silicon	28-1	355560	354093	355851	355168	0.27	cps
Silver	107-1	2344	1917	1767	2009	14.89	cps
Silver	109-1	2117	1790	1523	1810	16.42	cps
Sodium	23-2	93424	89572	89156	90717	2.59	cps
Strontium	86-1	10914	9400	7685	9333	17.31	cps
Strontium	88-1	93647	77218	65274	78713	18.10	cps
Sulfur	34-1	266358	267187	268567	267371	0.42	cps
Terbium	159-1	12127501	12050459	12363696	12180552	1.34	cps
Terbium	159-2	8166587	8034077	8064346	8088337	0.86	cps
Thallium	203-1	1657	1300	1363	1440	13.22	cps
Thallium	205-1	3841	3200	2930	3324	14.06	cps
Tin	118-1	3781	4034	4321	4045	6.68	cps
Titanium	47-1	2420	2217	1967	2201	10.32	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB010	Instrumnet Name :	P7
Client Sample ID :	CCB010	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:17:35	DataFile Name :	095CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3154	2647	2247	2683	16.94	cps
Vanadium	51-2	283	227	223	244	13.79	cps
Yttrium	89-1	17443417	17466060	17567606	17492361	0.38	cps
Yttrium	89-2	4455353	4464091	4455744	4458396	0.11	cps
Zinc	66-2	1660	1460	1370	1497	9.92	cps
Zirconium	90-1	9937	7829	6812	8192	19.46	cps
Zirconium	91-1	2210	1570	1313	1698	27.20	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-11	Instrumnet Name :	P7
Client Sample ID :	MYDA63	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:20:59	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14890180	14869535	14613870	14791195	1.04	cps
Antimony	121-1	16897	16900	17501	17099	2.03	cps
Arsenic	75-2	116002	116728	116516	116415	0.32	cps
Barium	135-1	1639769	1689764	1698857	1676130	1.90	cps
Barium	137-1	2859947	2923587	2810513	2864682	1.98	cps
Beryllium	9-1	2419	2718	2671	2603	6.16	cps
Bismuth	209-1	7242472	7389779	7488449	7373567	1.68	cps
Bismuth	209-2	5547876	5561674	5596992	5568847	0.45	cps
Bromine	81-1	14414	14911	13900	14408	3.51	cps
Bromine	81-2	773	693	660	709	8.22	cps
Cadmium	108-1	443	397	427	422	5.60	cps
Cadmium	106-1	4801	4274	4467	4514	5.90	cps
Cadmium	111-1	6111	5991	6329	6144	2.79	cps
Calcium	43-1	354294	363330	357963	358529	1.27	cps
Calcium	44-1	5581870	5647276	5390448	5539865	2.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1026492	1021387	1016674	1021518	0.48	cps
Cobalt	59-2	730751	727743	729560	729351	0.21	cps
Copper	63-2	1623523	1595676	1576732	1598644	1.47	cps
Dysprosium	156-1	68744	68308	70731	69261	1.86	cps
Dysprosium	156-2	54773	54341	54512	54542	0.40	cps
Erbium	164-1	58281	59205	60032	59173	1.48	cps
Erbium	164-2	39028	38403	39135	38855	1.02	cps
Gadolinium	160-1	64561	67327	63724	65204	2.89	cps
Gadolinium	160-2	46126	45002	47035	46054	2.21	cps
Holmium	165-1	12538536	12448386	13068506	12685143	2.64	cps
Holmium	165-2	8425541	8387720	8462428	8425229	0.44	cps
Indium	115-1	10709548	11027701	10384592	10707280	3.00	cps
Indium	115-2	3672605	3561021	3600026	3611217	1.57	cps
Iron	56-2	795489908	792294522	800631081	796138504	0.53	cps
Iron	57-2	19491001	19703270	19689469	19627913	0.61	cps
Iron	54-2	44020748	43458443	44282411	43920534	0.96	cps
Krypton	83-1	500	433	423	452	9.22	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-11	Instrumnet Name :	P7
Client Sample ID :	MYDA63	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:20:59	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	399049	409680	425877	411535	3.28	cps
Lead	207-1	361920	362000	367325	363748	0.85	cps
Lead	208-1	1636362	1672315	1653218	1653965	1.09	cps
Lithium	6-1	1617578	1614268	1509260	1580369	3.90	cps
Magnesium	24-2	14892233	14792359	14706733	14797108	0.63	cps
Manganese	55-2	25360953	25409148	25672599	25480900	0.66	cps
Molybdenum	94-1	86979	88774	88961	88238	1.24	cps
Molybdenum	95-1	13706	14661	13630	13999	4.10	cps
Molybdenum	96-1	35877	36345	36950	36391	1.48	cps
Molybdenum	97-1	8206	8096	8586	8296	3.10	cps
Molybdenum	98-1	20788	21072	20418	20759	1.58	cps
Neodymium	150-1	116521	118266	116534	117107	0.86	cps
Neodymium	150-2	63790	65675	64416	64627	1.49	cps
Nickel	60-2	277907	276441	274263	276204	0.66	cps
Phosphorus	31-2	37723	37640	37195	37519	0.76	cps
Potassium	39-2	8545895	8452199	8488466	8495520	0.56	cps
Rhodium	103-1	10367814	10336391	10212418	10305541	0.80	cps
Rhodium	103-2	6318235	6175559	6324867	6272887	1.34	cps
Scandium	45-1	8031143	7942224	7657516	7876961	2.48	cps
Scandium	45-2	728762	722167	723890	724939	0.47	cps
Selenium	82-1	686	732	796	738	7.49	cps
Selenium	77-2	260	290	307	286	8.28	cps
Selenium	78-2	743	707	697	716	3.43	cps
Silicon	28-1	47647383	46946408	47321999	47305263	0.74	cps
Silver	107-1	5925	5745	5028	5566	8.53	cps
Silver	109-1	5715	5044	4851	5203	8.71	cps
Sodium	23-2	251593	250221	253378	251731	0.63	cps
Strontium	86-1	299005	306552	307555	304371	1.54	cps
Strontium	88-1	2666755	2631259	2641492	2646502	0.69	cps
Sulfur	34-1	271350	254740	245552	257214	5.08	cps
Terbium	159-1	12744344	12767721	12755911	12755992	0.09	cps
Terbium	159-2	8330622	8302870	8356384	8329959	0.32	cps
Thallium	203-1	3787	3841	3997	3875	2.82	cps
Thallium	205-1	8609	9420	8956	8995	4.52	cps
Tin	118-1	24067	24234	24457	24253	0.81	cps
Titanium	47-1	1921026	1906134	1878025	1901728	1.15	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-11	Instrumnet Name :	P7
Client Sample ID :	MYDA63	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:20:59	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26219	27131	26390	26580	1.82	cps
Vanadium	51-2	1778879	1806650	1762780	1782770	1.24	cps
Yttrium	89-1	19742374	19858281	19701227	19767294	0.41	cps
Yttrium	89-2	4904294	5022711	4978011	4968339	1.20	cps
Zinc	66-2	254518	255271	254908	254899	0.15	cps
Zirconium	90-1	222514	230397	219418	224110	2.53	cps
Zirconium	91-1	49641	51448	51527	50872	2.10	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-12	Instrumnet Name :	P7
Client Sample ID :	MYDA64	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:24:04	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14719560	14592504	14426950	14579671	1.01	cps
Antimony	121-1	20421	20809	19967	20399	2.06	cps
Arsenic	75-2	120148	119247	119285	119560	0.43	cps
Barium	135-1	2211978	2275598	2165470	2217682	2.49	cps
Barium	137-1	3710832	3780331	3835680	3775614	1.66	cps
Beryllium	9-1	2308	2470	2540	2439	4.89	cps
Bismuth	209-1	7212169	7206488	7435128	7284595	1.79	cps
Bismuth	209-2	5622133	5577179	5487334	5562215	1.23	cps
Bromine	81-1	15241	15955	15899	15698	2.53	cps
Bromine	81-2	1090	920	1097	1036	9.67	cps
Cadmium	108-1	407	403	457	422	7.08	cps
Cadmium	106-1	4301	4347	4167	4272	2.19	cps
Cadmium	111-1	6863	6908	6611	6794	2.35	cps
Calcium	43-1	744320	767055	749601	753659	1.58	cps
Calcium	44-1	11295092	11562929	11505695	11454572	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	939646	938064	942058	939923	0.21	cps
Cobalt	59-2	624075	619744	623124	622315	0.37	cps
Copper	63-2	1410569	1418693	1399821	1409694	0.67	cps
Dysprosium	156-1	64229	64956	63476	64220	1.15	cps
Dysprosium	156-2	50561	50976	50199	50579	0.77	cps
Erbium	164-1	53957	55215	57056	55409	2.81	cps
Erbium	164-2	36681	37343	36879	36968	0.92	cps
Gadolinium	160-1	59824	62130	59506	60487	2.37	cps
Gadolinium	160-2	42855	43146	42976	42992	0.34	cps
Holmium	165-1	12567549	12197613	12175634	12313599	1.79	cps
Holmium	165-2	8383221	8313088	8364863	8353724	0.44	cps
Indium	115-1	10844027	10439160	10607699	10630295	1.91	cps
Indium	115-2	3533925	3556240	3517431	3535865	0.55	cps
Iron	56-2	780159162	772494468	768091562	773581731	0.79	cps
Iron	57-2	19247881	19013593	19017396	19092956	0.70	cps
Iron	54-2	42863361	43018198	42937248	42939602	0.18	cps
Krypton	83-1	420	393	417	410	3.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-12	Instrumnet Name :	P7
Client Sample ID :	MYDA64	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:24:04	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	386123	387811	389062	387665	0.38	cps
Lead	207-1	360690	368900	347787	359126	2.96	cps
Lead	208-1	1575884	1594101	1590579	1586855	0.61	cps
Lithium	6-1	1506142	1509313	1602889	1539448	3.57	cps
Magnesium	24-2	15435656	15570796	15432286	15479579	0.51	cps
Manganese	55-2	34504235	34194324	33812293	34170284	1.01	cps
Molybdenum	94-1	61689	64018	61910	62539	2.06	cps
Molybdenum	95-1	18175	18819	19079	18691	2.49	cps
Molybdenum	96-1	34624	36212	36302	35713	2.64	cps
Molybdenum	97-1	11588	11908	11695	11730	1.39	cps
Molybdenum	98-1	28277	28251	28702	28410	0.89	cps
Neodymium	150-1	107526	108998	113223	109916	2.69	cps
Neodymium	150-2	61336	60807	61028	61057	0.44	cps
Nickel	60-2	253462	253896	251849	253069	0.43	cps
Phosphorus	31-2	89855	90640	90774	90423	0.55	cps
Potassium	39-2	9362221	9411593	9364961	9379592	0.30	cps
Rhodium	103-1	10038951	10117026	10417712	10191230	1.96	cps
Rhodium	103-2	6227387	6123415	6128556	6159786	0.95	cps
Scandium	45-1	7609097	7652344	7731047	7664163	0.81	cps
Scandium	45-2	722184	714915	717425	718175	0.51	cps
Selenium	82-1	726	738	735	733	0.86	cps
Selenium	77-2	310	267	263	280	9.30	cps
Selenium	78-2	640	660	613	638	3.67	cps
Silicon	28-1	45392963	45852923	47271994	46172627	2.12	cps
Silver	107-1	4267	4274	4401	4314	1.74	cps
Silver	109-1	3941	3671	4121	3911	5.79	cps
Sodium	23-2	304653	305429	306826	305636	0.36	cps
Strontium	86-1	884582	887830	881399	884604	0.36	cps
Strontium	88-1	7794806	8107928	7802925	7901886	2.26	cps
Sulfur	34-1	267605	263448	257294	262782	1.97	cps
Terbium	159-1	13387644	13503799	12623908	13171784	3.63	cps
Terbium	159-2	8300448	8217022	8282159	8266543	0.53	cps
Thallium	203-1	3060	3367	3164	3197	4.88	cps
Thallium	205-1	7552	7609	8256	7806	5.01	cps
Tin	118-1	22585	23018	23483	23029	1.95	cps
Titanium	47-1	1703249	1727107	1770462	1733606	1.97	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-12	Instrumnet Name :	P7
Client Sample ID :	MYDA64	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:24:04	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25655	26309	25214	25726	2.14	cps
Vanadium	51-2	1608081	1561595	1585740	1585139	1.47	cps
Yttrium	89-1	19746042	20427237	19575735	19916338	2.26	cps
Yttrium	89-2	4907636	4899990	4815676	4874434	1.05	cps
Zinc	66-2	357867	358592	356490	357650	0.30	cps
Zirconium	90-1	139630	142806	142339	141592	1.21	cps
Zirconium	91-1	30345	30869	31758	30991	2.30	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-13	Instrumnet Name :	P7
Client Sample ID :	MYDA65	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:27:12	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14517632	14473047	14387254	14459311	0.46	cps
Antimony	121-1	22548	24094	23693	23445	3.42	cps
Arsenic	75-2	129687	128578	127098	128454	1.01	cps
Barium	135-1	2758167	2847510	2852982	2819553	1.89	cps
Barium	137-1	4824992	4884910	4824236	4844712	0.72	cps
Beryllium	9-1	2638	2273	2511	2474	7.49	cps
Bismuth	209-1	7505577	7093999	7138162	7245913	3.12	cps
Bismuth	209-2	5561528	5571768	5503650	5545649	0.66	cps
Bromine	81-1	14737	14844	14921	14834	0.62	cps
Bromine	81-2	967	820	857	881	8.66	cps
Cadmium	108-1	433	380	483	432	11.96	cps
Cadmium	106-1	4257	4234	4264	4252	0.37	cps
Cadmium	111-1	6327	6492	6384	6401	1.30	cps
Calcium	43-1	838052	873677	877970	863233	2.54	cps
Calcium	44-1	13373352	12976001	13116444	13155265	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1010579	996377	1004020	1003659	0.71	cps
Cobalt	59-2	720956	720982	718939	720292	0.16	cps
Copper	63-2	1530584	1533210	1510420	1524738	0.82	cps
Dysprosium	156-1	66717	69755	68938	68470	2.30	cps
Dysprosium	156-2	53936	53836	53997	53923	0.15	cps
Erbium	164-1	59938	59811	59991	59913	0.16	cps
Erbium	164-2	39904	39288	38984	39392	1.19	cps
Gadolinium	160-1	64538	66370	66567	65825	1.70	cps
Gadolinium	160-2	46046	45524	45728	45766	0.57	cps
Holmium	165-1	12217305	12317576	12222853	12252578	0.46	cps
Holmium	165-2	8307255	8303157	8301193	8303868	0.04	cps
Indium	115-1	10956248	10261429	10306734	10508137	3.70	cps
Indium	115-2	3512818	3519859	3552176	3528285	0.59	cps
Iron	56-2	971922732	963927666	962859079	966236492	0.51	cps
Iron	57-2	23774584	23778326	23639260	23730724	0.33	cps
Iron	54-2	53215709	53171028	53246771	53211169	0.07	cps
Krypton	83-1	487	450	393	443	10.61	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-13	Instrumnet Name :	P7
Client Sample ID :	MYDA65	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:27:12	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	548770	556367	558930	554689	0.95	cps
Lead	207-1	497498	528895	517141	514512	3.08	cps
Lead	208-1	2279575	2281054	2282105	2280911	0.06	cps
Lithium	6-1	1590579	1495653	1429590	1505274	5.38	cps
Magnesium	24-2	16461171	16449382	16131396	16347316	1.14	cps
Manganese	55-2	45679144	45422346	45409949	45503813	0.33	cps
Molybdenum	94-1	79109	83379	81897	81462	2.66	cps
Molybdenum	95-1	20084	20177	20498	20253	1.07	cps
Molybdenum	96-1	41138	41485	41522	41382	0.51	cps
Molybdenum	97-1	11455	11985	11985	11808	2.59	cps
Molybdenum	98-1	30656	30482	29997	30378	1.12	cps
Neodymium	150-1	117807	113916	114783	115502	1.77	cps
Neodymium	150-2	64098	64245	63291	63878	0.80	cps
Nickel	60-2	282809	285005	279793	282536	0.93	cps
Phosphorus	31-2	84156	83895	84280	84110	0.23	cps
Potassium	39-2	8654762	8711166	8697359	8687762	0.34	cps
Rhodium	103-1	10153204	10081708	10073619	10102844	0.43	cps
Rhodium	103-2	6146452	6067973	6178910	6131112	0.93	cps
Scandium	45-1	7870164	7658903	7543259	7690776	2.16	cps
Scandium	45-2	728192	721570	721837	723866	0.52	cps
Selenium	82-1	613	698	788	700	12.49	cps
Selenium	77-2	250	303	283	279	9.66	cps
Selenium	78-2	617	643	577	612	5.48	cps
Silicon	28-1	41122872	40942145	40888513	40984510	0.30	cps
Silver	107-1	5244	5624	5564	5478	3.73	cps
Silver	109-1	4848	5141	5154	5048	3.44	cps
Sodium	23-2	428611	427134	431435	429060	0.51	cps
Strontium	86-1	780825	798786	793851	791154	1.17	cps
Strontium	88-1	6776932	7205651	7075276	7019286	3.13	cps
Sulfur	34-1	251121	253300	251337	251919	0.48	cps
Terbium	159-1	12409475	13317700	13142848	12956674	3.72	cps
Terbium	159-2	8361229	8095816	8272170	8243072	1.64	cps
Thallium	203-1	3024	3420	3277	3240	6.20	cps
Thallium	205-1	7626	7612	7752	7663	1.01	cps
Tin	118-1	22868	22508	22601	22659	0.83	cps
Titanium	47-1	1674878	1674044	1670520	1673147	0.14	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-13	Instrumnet Name :	P7
Client Sample ID :	MYDA65	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:27:12	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24189	25478	25682	25116	3.22	cps
Vanadium	51-2	1983148	1996540	1949800	1976496	1.22	cps
Yttrium	89-1	19620630	20173007	20076157	19956598	1.48	cps
Yttrium	89-2	4832483	4766069	4857246	4818599	0.98	cps
Zinc	66-2	346001	346803	346401	346402	0.12	cps
Zirconium	90-1	190003	191019	192282	191101	0.60	cps
Zirconium	91-1	42124	42274	41676	42025	0.74	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:30:18	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16689213	16648781	16389304	16575766	0.98	cps
Antimony	121-1	16263	16500	16416	16393	0.73	cps
Arsenic	75-2	121284	120195	121152	120877	0.49	cps
Barium	135-1	2088927	2076711	2141176	2102271	1.63	cps
Barium	137-1	3468340	3555896	3702264	3575500	3.31	cps
Beryllium	9-1	3633	3872	3935	3813	4.17	cps
Bismuth	209-1	7694279	7386762	7434213	7505085	2.21	cps
Bismuth	209-2	5508957	5570415	5622175	5567182	1.02	cps
Bromine	81-1	14661	14481	15361	14834	3.14	cps
Bromine	81-2	993	943	910	949	4.42	cps
Cadmium	108-1	573	573	477	541	10.31	cps
Cadmium	106-1	4591	4561	4317	4490	3.34	cps
Cadmium	111-1	5779	5778	5682	5747	0.97	cps
Calcium	43-1	425604	440871	443017	436498	2.18	cps
Calcium	44-1	6522013	6622270	6636831	6593705	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1153538	1151656	1161354	1155516	0.45	cps
Cobalt	59-2	803598	795434	793478	797503	0.67	cps
Copper	63-2	1333037	1322587	1324747	1326790	0.42	cps
Dysprosium	156-1	94216	96153	94277	94882	1.16	cps
Dysprosium	156-2	75254	75780	76111	75715	0.57	cps
Erbium	164-1	81918	79059	80671	80550	1.78	cps
Erbium	164-2	52736	52482	52843	52687	0.35	cps
Gadolinium	160-1	86344	90742	91879	89655	3.26	cps
Gadolinium	160-2	63369	63533	63858	63587	0.39	cps
Holmium	165-1	12230077	12397317	12190693	12272696	0.89	cps
Holmium	165-2	8282073	8522877	8319074	8374674	1.55	cps
Indium	115-1	10081472	10380133	10454061	10305222	1.91	cps
Indium	115-2	3521305	3498216	3477435	3498986	0.63	cps
Iron	56-2	959776972	950030066	947989613	952598884	0.66	cps
Iron	57-2	23396065	23360965	23273807	23343612	0.27	cps
Iron	54-2	52368408	51636653	52056649	52020570	0.71	cps
Krypton	83-1	490	407	470	456	9.55	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:30:18	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323707	321783	322151	322547	0.32	cps
Lead	207-1	278835	292821	290105	287254	2.58	cps
Lead	208-1	1278018	1294559	1305848	1292809	1.08	cps
Lithium	6-1	1614836	1551516	1539398	1568583	2.58	cps
Magnesium	24-2	15440939	15383969	15206562	15343823	0.80	cps
Manganese	55-2	26585075	26274031	26407197	26422101	0.59	cps
Molybdenum	94-1	143320	150998	143785	146034	2.95	cps
Molybdenum	95-1	16252	16833	17397	16828	3.40	cps
Molybdenum	96-1	50059	49597	48784	49480	1.30	cps
Molybdenum	97-1	9727	10340	10337	10135	3.49	cps
Molybdenum	98-1	24865	25576	26153	25531	2.53	cps
Neodymium	150-1	166552	168440	168816	167936	0.72	cps
Neodymium	150-2	94280	93598	94588	94155	0.54	cps
Nickel	60-2	346431	341620	344716	344256	0.71	cps
Phosphorus	31-2	45290	45942	46564	45932	1.39	cps
Potassium	39-2	10309481	10206458	10350606	10288848	0.72	cps
Rhodium	103-1	10343286	9741387	9912118	9998930	3.10	cps
Rhodium	103-2	6150540	6093554	6108730	6117608	0.48	cps
Scandium	45-1	7646094	7789836	7499592	7645174	1.90	cps
Scandium	45-2	711270	705901	701508	706226	0.69	cps
Selenium	82-1	610	737	714	687	9.83	cps
Selenium	77-2	340	353	357	350	2.52	cps
Selenium	78-2	673	647	737	686	6.74	cps
Silicon	28-1	39170720	37201372	37512649	37961581	2.79	cps
Silver	107-1	3817	4127	4127	4024	4.45	cps
Silver	109-1	3617	3754	3861	3744	3.26	cps
Sodium	23-2	250865	249171	247194	249076	0.74	cps
Strontium	86-1	412922	424598	408511	415344	2.00	cps
Strontium	88-1	3667116	3780783	3675587	3707829	1.71	cps
Sulfur	34-1	230580	228696	231044	230107	0.54	cps
Terbium	159-1	12662570	13485134	12990830	13046178	3.17	cps
Terbium	159-2	8340406	8410500	8348217	8366374	0.46	cps
Thallium	203-1	4054	4334	4531	4306	5.56	cps
Thallium	205-1	10054	10147	10571	10257	2.69	cps
Tin	118-1	22588	21473	21964	22008	2.54	cps
Titanium	47-1	1986309	1969621	1956133	1970688	0.77	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:30:18	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40324	42387	43815	42176	4.16	cps
Vanadium	51-2	1959221	1948789	1956438	1954816	0.28	cps
Yttrium	89-1	19836094	20103056	20229103	20056084	1.00	cps
Yttrium	89-2	4914189	4918036	4954455	4928893	0.45	cps
Zinc	66-2	268854	266245	267289	267463	0.49	cps
Zirconium	90-1	367674	374305	382334	374771	1.96	cps
Zirconium	91-1	85373	83104	83428	83968	1.46	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:33:26	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16482206	16164211	16358159	16334859	0.98	cps
Antimony	121-1	16399	16389	16259	16349	0.48	cps
Arsenic	75-2	118455	117897	117901	118084	0.27	cps
Barium	135-1	2110603	2188754	2136000	2145119	1.86	cps
Barium	137-1	3581083	3656036	3641204	3626107	1.09	cps
Beryllium	9-1	3842	3959	3736	3846	2.91	cps
Bismuth	209-1	7734488	7698796	7136435	7523240	4.46	cps
Bismuth	209-2	5694350	5590894	5581508	5622251	1.11	cps
Bromine	81-1	14237	14464	14410	14370	0.83	cps
Bromine	81-2	927	1077	943	982	8.37	cps
Cadmium	108-1	500	433	533	489	10.42	cps
Cadmium	106-1	4647	4564	4451	4554	2.17	cps
Cadmium	111-1	5643	5668	5599	5637	0.62	cps
Calcium	43-1	415382	422782	422175	420113	0.98	cps
Calcium	44-1	6387717	6352758	6397281	6379252	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1135966	1132535	1123725	1130742	0.56	cps
Cobalt	59-2	786469	789358	784703	786843	0.30	cps
Copper	63-2	1309012	1304862	1301181	1305018	0.30	cps
Dysprosium	156-1	92677	98647	98466	96597	3.52	cps
Dysprosium	156-2	75907	74791	75076	75258	0.77	cps
Erbium	164-1	82549	82344	78777	81223	2.61	cps
Erbium	164-2	53197	53114	53224	53179	0.11	cps
Gadolinium	160-1	86961	87843	89017	87941	1.17	cps
Gadolinium	160-2	63295	62844	63309	63149	0.42	cps
Holmium	165-1	12373946	12721216	12631449	12575537	1.43	cps
Holmium	165-2	8511057	8327481	8422110	8420216	1.09	cps
Indium	115-1	10260928	10083154	10179389	10174490	0.87	cps
Indium	115-2	3493787	3440717	3470185	3468230	0.77	cps
Iron	56-2	931318733	940392386	932435346	934715488	0.53	cps
Iron	57-2	23055574	22766819	23021900	22948098	0.69	cps
Iron	54-2	50895679	50837429	50707211	50813440	0.19	cps
Krypton	83-1	417	453	430	433	4.28	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:33:26	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	326088	337277	324198	329188	2.15	cps
Lead	207-1	280623	286605	295921	287716	2.68	cps
Lead	208-1	1291674	1296868	1302786	1297109	0.43	cps
Lithium	6-1	1678466	1575890	1569826	1608061	3.80	cps
Magnesium	24-2	15156137	14871374	15196048	15074519	1.17	cps
Manganese	55-2	26573528	26352100	26599732	26508453	0.51	cps
Molybdenum	94-1	138999	143229	146814	143014	2.74	cps
Molybdenum	95-1	16519	16549	16316	16462	0.77	cps
Molybdenum	96-1	49022	50918	47925	49288	3.07	cps
Molybdenum	97-1	9903	9843	10430	10059	3.21	cps
Molybdenum	98-1	25806	25573	25315	25565	0.96	cps
Neodymium	150-1	169895	167327	167560	168261	0.84	cps
Neodymium	150-2	94601	93800	93242	93881	0.73	cps
Nickel	60-2	343461	339716	342193	341790	0.56	cps
Phosphorus	31-2	44625	45110	44197	44644	1.02	cps
Potassium	39-2	10131132	9960543	10050689	10047455	0.85	cps
Rhodium	103-1	10236858	10027353	9764442	10009551	2.36	cps
Rhodium	103-2	6106853	6101028	5982266	6063382	1.16	cps
Scandium	45-1	7619874	7436767	7445778	7500806	1.38	cps
Scandium	45-2	698306	696917	692323	695849	0.45	cps
Selenium	82-1	640	706	771	706	9.29	cps
Selenium	77-2	410	337	417	388	11.45	cps
Selenium	78-2	720	677	713	703	3.32	cps
Silicon	28-1	37907278	37601954	36330086	37279773	2.24	cps
Silver	107-1	3977	4067	4094	4046	1.51	cps
Silver	109-1	3677	3957	3634	3756	4.67	cps
Sodium	23-2	242114	242169	241924	242069	0.05	cps
Strontium	86-1	407679	418746	419312	415245	1.58	cps
Strontium	88-1	3587233	3626805	3712224	3642087	1.75	cps
Sulfur	34-1	227072	226608	227579	227086	0.21	cps
Terbium	159-1	12701908	12805125	13348869	12951968	2.68	cps
Terbium	159-2	8383029	8316990	8176388	8292136	1.27	cps
Thallium	203-1	4117	4137	4321	4192	2.67	cps
Thallium	205-1	10004	9950	9890	9948	0.57	cps
Tin	118-1	23316	23022	22427	22922	1.97	cps
Titanium	47-1	1922640	1878294	1881680	1894205	1.30	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:33:26	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41247	41374	42427	41683	1.55	cps
Vanadium	51-2	1881273	1910562	1910079	1900638	0.88	cps
Yttrium	89-1	19220693	19619278	19326689	19388887	1.06	cps
Yttrium	89-2	4917237	4885383	4799015	4867212	1.26	cps
Zinc	66-2	265204	262533	262723	263487	0.57	cps
Zirconium	90-1	359332	364644	365515	363164	0.92	cps
Zirconium	91-1	81488	84652	81102	82414	2.36	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 17:36:32	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3123424	3100887	3105789	3110033	0.38	cps
Antimony	121-1	3260	3314	3357	3310	1.46	cps
Arsenic	75-2	23409	23348	23105	23287	0.69	cps
Barium	135-1	372188	378981	377266	376145	0.94	cps
Barium	137-1	648176	653433	648394	650001	0.46	cps
Beryllium	9-1	746	725	749	740	1.72	cps
Bismuth	209-1	7610803	7757673	7610782	7659752	1.11	cps
Bismuth	209-2	5771230	5807276	5857850	5812119	0.75	cps
Bromine	81-1	11962	11181	11461	11535	3.43	cps
Bromine	81-2	280	290	277	282	2.46	cps
Cadmium	108-1	113	97	83	98	15.37	cps
Cadmium	106-1	3651	3580	3564	3598	1.28	cps
Cadmium	111-1	3023	2982	2960	2988	1.07	cps
Calcium	43-1	82804	81883	82653	82447	0.60	cps
Calcium	44-1	1280242	1295533	1290966	1288914	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	222312	216844	219129	219428	1.25	cps
Cobalt	59-2	153025	152916	151025	152322	0.74	cps
Copper	63-2	257544	256524	256866	256978	0.20	cps
Dysprosium	156-1	17928	18619	18342	18296	1.90	cps
Dysprosium	156-2	14768	14808	14531	14702	1.02	cps
Erbium	164-1	15142	15435	15349	15308	0.99	cps
Erbium	164-2	9867	10190	10257	10105	2.07	cps
Gadolinium	160-1	17221	17481	16960	17221	1.51	cps
Gadolinium	160-2	12449	12406	12396	12417	0.23	cps
Holmium	165-1	12533369	12629447	12471319	12544712	0.64	cps
Holmium	165-2	8358153	8418373	8490088	8422205	0.78	cps
Indium	115-1	10581658	10507108	10565809	10551525	0.37	cps
Indium	115-2	3530791	3531382	3507963	3523379	0.38	cps
Iron	56-2	179271044	179883031	179372171	179508748	0.18	cps
Iron	57-2	4454788	4393176	4429164	4425709	0.70	cps
Iron	54-2	9874773	9949804	9690407	9838328	1.36	cps
Krypton	83-1	270	333	323	309	11.02	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 17:36:32	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	65487	67768	65802	66352	1.86	cps
Lead	207-1	56242	56996	58081	57106	1.62	cps
Lead	208-1	259999	263741	262074	261938	0.72	cps
Lithium	6-1	1671223	1606136	1620632	1632664	2.09	cps
Magnesium	24-2	2936019	2869848	2866413	2890760	1.36	cps
Manganese	55-2	5001934	4986658	4881446	4956679	1.32	cps
Molybdenum	94-1	26675	27193	26791	26886	1.01	cps
Molybdenum	95-1	3190	3214	3120	3175	1.53	cps
Molybdenum	96-1	8819	9486	9300	9202	3.74	cps
Molybdenum	97-1	1797	2044	1983	1941	6.63	cps
Molybdenum	98-1	4854	5088	5131	5024	2.96	cps
Neodymium	150-1	31398	32120	31472	31663	1.25	cps
Neodymium	150-2	17741	18058	17745	17848	1.02	cps
Nickel	60-2	66644	66490	65633	66255	0.82	cps
Phosphorus	31-2	9063	8739	8993	8932	1.91	cps
Potassium	39-2	1989795	1985098	1995855	1990250	0.27	cps
Rhodium	103-1	10095902	10121693	10098656	10105417	0.14	cps
Rhodium	103-2	6280636	6101309	6222966	6201637	1.48	cps
Scandium	45-1	6844578	6944834	6793595	6861002	1.12	cps
Scandium	45-2	639401	633513	637699	636871	0.48	cps
Selenium	82-1	591	523	499	538	8.82	cps
Selenium	77-2	90	73	97	87	13.87	cps
Selenium	78-2	463	473	443	460	3.32	cps
Silicon	28-1	7386608	7452335	7435296	7424746	0.46	cps
Silver	107-1	827	897	983	902	8.70	cps
Silver	109-1	710	907	813	810	12.14	cps
Sodium	23-2	103229	102561	102877	102889	0.32	cps
Strontium	86-1	78146	79386	78873	78802	0.79	cps
Strontium	88-1	676640	683988	681678	680769	0.55	cps
Sulfur	34-1	215075	210895	209300	211757	1.41	cps
Terbium	159-1	12998998	12875576	12715352	12863309	1.11	cps
Terbium	159-2	8480632	8417541	8479881	8459351	0.43	cps
Thallium	203-1	963	853	880	899	6.38	cps
Thallium	205-1	2227	2194	2140	2187	2.00	cps
Tin	118-1	7209	7335	7195	7246	1.07	cps
Titanium	47-1	363735	370029	369635	367799	0.96	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LX5	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	5
Date & Time Acquired :	2024-10-24 17:36:32	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7702	7996	7986	7895	2.11	cps
Vanadium	51-2	375523	370743	371001	372422	0.72	cps
Yttrium	89-1	18639381	18570781	18455869	18555344	0.50	cps
Yttrium	89-2	4627958	4582737	4676799	4629165	1.02	cps
Zinc	66-2	57105	57898	55961	56988	1.71	cps
Zirconium	90-1	68083	70424	69061	69190	1.70	cps
Zirconium	91-1	15268	15598	15672	15513	1.39	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:39:47	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16875384	16946784	16841707	16887958	0.32	cps
Antimony	121-1	730463	744519	746888	740623	1.20	cps
Arsenic	75-2	138725	137907	137591	138074	0.42	cps
Barium	135-1	5754643	5923380	5930731	5869585	1.70	cps
Barium	137-1	10023218	10223203	10242568	10162996	1.19	cps
Beryllium	9-1	63597	65101	64442	64380	1.17	cps
Bismuth	209-1	7405971	7604455	7322473	7444300	1.95	cps
Bismuth	209-2	5646878	5722051	5545107	5638012	1.58	cps
Bromine	81-1	14621	14591	14531	14581	0.31	cps
Bromine	81-2	977	920	837	911	7.73	cps
Cadmium	108-1	6495	6608	6912	6672	3.23	cps
Cadmium	106-1	13179	13413	13740	13444	2.09	cps
Cadmium	111-1	98011	100631	101094	99912	1.66	cps
Calcium	43-1	433949	436539	432284	434257	0.49	cps
Calcium	44-1	6586919	6695713	6616191	6632941	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1883796	1868254	1834390	1862147	1.36	cps
Cobalt	59-2	3573355	3583261	3549148	3568588	0.49	cps
Copper	63-2	2285297	2276585	2259264	2273715	0.58	cps
Dysprosium	156-1	98365	99688	98526	98859	0.73	cps
Dysprosium	156-2	78582	77412	77623	77872	0.80	cps
Erbium	164-1	82159	82575	83367	82701	0.74	cps
Erbium	164-2	54499	54007	54623	54376	0.60	cps
Gadolinium	160-1	91278	93368	93633	92760	1.39	cps
Gadolinium	160-2	65325	65007	64193	64841	0.90	cps
Holmium	165-1	12533064	12781417	12748076	12687519	1.06	cps
Holmium	165-2	8424854	8422167	8313355	8386792	0.76	cps
Indium	115-1	10316853	10394310	10380188	10363784	0.40	cps
Indium	115-2	3415500	3447629	3370145	3411091	1.14	cps
Iron	56-2	962233986	960410652	962393586	961679408	0.11	cps
Iron	57-2	23472919	23606095	23324855	23467956	0.60	cps
Iron	54-2	52776979	52279444	51972443	52342955	0.78	cps
Krypton	83-1	437	390	450	426	7.40	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:39:47	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	425953	436864	428526	430448	1.33	cps
Lead	207-1	373721	380852	383016	379196	1.28	cps
Lead	208-1	1701337	1741731	1730254	1724441	1.21	cps
Lithium	6-1	1669123	1647245	1620267	1645545	1.49	cps
Magnesium	24-2	15420951	15219653	15160626	15267077	0.89	cps
Manganese	55-2	27903297	27821052	27409348	27711232	0.96	cps
Molybdenum	94-1	143448	148302	148136	146629	1.88	cps
Molybdenum	95-1	16533	16800	16887	16740	1.10	cps
Molybdenum	96-1	49019	49142	50778	49646	1.98	cps
Molybdenum	97-1	9990	10020	10370	10127	2.09	cps
Molybdenum	98-1	25155	26187	25923	25755	2.08	cps
Neodymium	150-1	171274	174483	174448	173402	1.06	cps
Neodymium	150-2	96611	96215	97381	96736	0.61	cps
Nickel	60-2	1044058	1034169	1035566	1037931	0.52	cps
Phosphorus	31-2	45725	45634	45645	45668	0.11	cps
Potassium	39-2	10207335	10134722	10022575	10121544	0.92	cps
Rhodium	103-1	9956208	9916171	9881519	9917966	0.38	cps
Rhodium	103-2	6047498	6002951	5932386	5994278	0.97	cps
Scandium	45-1	7697652	7599358	7594074	7630361	0.76	cps
Scandium	45-2	696978	690259	683028	690088	1.01	cps
Selenium	82-1	14591	14898	14619	14703	1.15	cps
Selenium	77-2	1680	1727	1657	1688	2.11	cps
Selenium	78-2	5121	5114	5028	5088	1.02	cps
Silicon	28-1	38984994	39838777	39589254	39471008	1.11	cps
Silver	107-1	401121	413411	415119	409884	1.86	cps
Silver	109-1	383102	391540	390125	388256	1.16	cps
Sodium	23-2	232589	233172	232187	232649	0.21	cps
Strontium	86-1	417886	419670	423388	420314	0.67	cps
Strontium	88-1	3639437	3682985	3691037	3671153	0.76	cps
Sulfur	34-1	234830	234813	231974	233872	0.70	cps
Terbium	159-1	12907065	13119903	13095699	13040889	0.89	cps
Terbium	159-2	8549281	8398746	8464559	8470862	0.89	cps
Thallium	203-1	297064	305843	305530	302813	1.64	cps
Thallium	205-1	711803	722674	726149	720209	1.04	cps
Tin	118-1	22207	22972	22541	22573	1.70	cps
Titanium	47-1	1969139	1974608	1965399	1969716	0.24	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:39:47	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43604	43792	43083	43493	0.84	cps
Vanadium	51-2	3503586	3522018	3471747	3499117	0.73	cps
Yttrium	89-1	19376328	19659869	19525997	19520732	0.73	cps
Yttrium	89-2	4887323	4865430	4712990	4821914	1.97	cps
Zinc	66-2	576144	574107	571431	573894	0.41	cps
Zirconium	90-1	371161	384010	377276	377482	1.70	cps
Zirconium	91-1	83165	83854	84907	83975	1.04	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14MS	Instrumnet Name :	P7
Client Sample ID :	MYDA66SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:42:48	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17432361	17290856	17396055	17373091	0.42	cps
Antimony	121-1	2900188	2967040	2989063	2952097	1.57	cps
Arsenic	75-2	180976	179443	178918	179779	0.59	cps
Barium	135-1	19606079	19983828	19894707	19828205	1.00	cps
Barium	137-1	34006173	34162104	34344332	34170870	0.50	cps
Beryllium	9-1	285922	288605	291027	288518	0.89	cps
Bismuth	209-1	7408448	7533216	7461414	7467692	0.84	cps
Bismuth	209-2	5627419	5630770	5714767	5657652	0.87	cps
Bromine	81-1	13763	13890	14130	13928	1.34	cps
Bromine	81-2	813	827	893	844	5.08	cps
Cadmium	108-1	24374	25312	25432	25039	2.31	cps
Cadmium	106-1	38434	39042	38020	38499	1.34	cps
Cadmium	111-1	377185	382028	375037	378083	0.95	cps
Calcium	43-1	410689	414548	414808	413348	0.56	cps
Calcium	44-1	6304170	6383894	6250976	6313013	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4508333	4417532	4501416	4475761	1.13	cps
Cobalt	59-2	13773573	13669818	13810023	13751138	0.53	cps
Copper	63-2	5714723	5663340	5669665	5682576	0.49	cps
Dysprosium	156-1	91385	93757	93677	92939	1.45	cps
Dysprosium	156-2	75381	74721	74647	74916	0.54	cps
Erbium	164-1	78194	79337	77969	78500	0.93	cps
Erbium	164-2	52077	51735	52428	52080	0.67	cps
Gadolinium	160-1	86474	89490	88628	88198	1.76	cps
Gadolinium	160-2	62304	61551	60865	61573	1.17	cps
Holmium	165-1	12539756	12633317	12601386	12591486	0.38	cps
Holmium	165-2	8497618	8345877	8400378	8414624	0.91	cps
Indium	115-1	10254147	10316210	10258541	10276300	0.34	cps
Indium	115-2	3409277	3420296	3448859	3426144	0.60	cps
Iron	56-2	908996146	908274040	901178173	906149453	0.48	cps
Iron	57-2	22368227	22753831	22517120	22546393	0.86	cps
Iron	54-2	50229096	49657223	50510868	50132395	0.87	cps
Krypton	83-1	477	400	510	462	12.20	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14MS	Instrumnet Name :	P7
Client Sample ID :	MYDA66SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:42:48	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	693112	704984	699697	699264	0.85	cps
Lead	207-1	602415	607026	606001	605147	0.40	cps
Lead	208-1	2754693	2792927	2787202	2778274	0.74	cps
Lithium	6-1	1630499	1643945	1638942	1637796	0.41	cps
Magnesium	24-2	14535547	14348563	14429049	14437720	0.65	cps
Manganese	55-2	30950610	30629970	30843293	30807958	0.53	cps
Molybdenum	94-1	137131	139124	140742	138999	1.30	cps
Molybdenum	95-1	16159	16262	16086	16169	0.55	cps
Molybdenum	96-1	46868	47106	47086	47020	0.28	cps
Molybdenum	97-1	9680	9760	9783	9741	0.56	cps
Molybdenum	98-1	24644	25208	24941	24931	1.13	cps
Neodymium	150-1	164283	165627	164740	164883	0.41	cps
Neodymium	150-2	91864	91706	89230	90933	1.62	cps
Nickel	60-2	3696638	3715760	3696690	3703029	0.30	cps
Phosphorus	31-2	43585	42623	43572	43260	1.28	cps
Potassium	39-2	9658062	9611672	9483087	9584273	0.95	cps
Rhodium	103-1	9855640	9882256	9780723	9839540	0.54	cps
Rhodium	103-2	5999530	5884716	6004390	5962879	1.14	cps
Scandium	45-1	7412649	7407814	7357672	7392712	0.41	cps
Scandium	45-2	678289	675414	673346	675683	0.37	cps
Selenium	82-1	67137	68010	67189	67445	0.73	cps
Selenium	77-2	6588	6748	6715	6684	1.26	cps
Selenium	78-2	21793	21833	21402	21676	1.10	cps
Silicon	28-1	36465539	37224676	37033989	36908068	1.07	cps
Silver	107-1	1210765	978235	2012908	1400636	38.76	cps
Silver	109-1	1065790	1054727	1304257	1141591	12.35	cps
Sodium	23-2	224567	223089	221997	223218	0.58	cps
Strontium	86-1	393269	395588	395906	394921	0.36	cps
Strontium	88-1	3426008	3485157	3459072	3456746	0.86	cps
Sulfur	34-1	226916	223852	221062	223943	1.31	cps
Terbium	159-1	12833910	13035294	13013231	12960811	0.85	cps
Terbium	159-2	8210487	8184894	8282610	8225997	0.62	cps
Thallium	203-1	1166508	1191837	1187064	1181803	1.14	cps
Thallium	205-1	3140023	3144277	3177930	3154077	0.66	cps
Tin	118-1	21032	21236	21089	21119	0.50	cps
Titanium	47-1	1850315	1870743	1835238	1852098	0.96	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14MS	Instrumnet Name :	P7
Client Sample ID :	MYDA66SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:42:48	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40207	41672	41608	41162	2.01	cps
Vanadium	51-2	9218262	9146438	9234643	9199781	0.51	cps
Yttrium	89-1	19176906	19241903	19090571	19169793	0.40	cps
Yttrium	89-2	4735666	4726129	4765661	4742485	0.43	cps
Zinc	66-2	1708450	1678646	1693302	1693466	0.88	cps
Zirconium	90-1	350101	355334	356150	353862	0.93	cps
Zirconium	91-1	77922	79149	78917	78662	0.83	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-17	Instrumnet Name :	P7
Client Sample ID :	MYDA67	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:45:48	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13440639	13726086	13434061	13533595	1.23	cps
Antimony	121-1	26211	26120	26137	26156	0.18	cps
Arsenic	75-2	115424	112690	114501	114205	1.22	cps
Barium	135-1	1785228	1762116	1809020	1785455	1.31	cps
Barium	137-1	3031631	3039793	3150896	3074107	2.17	cps
Beryllium	9-1	2361	2590	2320	2424	5.99	cps
Bismuth	209-1	7246926	7563788	7191920	7334211	2.74	cps
Bismuth	209-2	5655869	5550019	5530268	5578719	1.21	cps
Bromine	81-1	12789	12992	13239	13007	1.73	cps
Bromine	81-2	610	603	623	612	1.66	cps
Cadmium	108-1	383	407	337	376	9.49	cps
Cadmium	106-1	4267	3941	3787	3998	6.13	cps
Cadmium	111-1	5616	5557	5619	5597	0.62	cps
Calcium	43-1	393760	398538	405629	399309	1.50	cps
Calcium	44-1	5988704	6211762	6211005	6137157	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1015429	1010909	1016038	1014125	0.28	cps
Cobalt	59-2	659078	651255	654342	654892	0.60	cps
Copper	63-2	1229986	1229167	1225415	1228190	0.20	cps
Dysprosium	156-1	61916	61276	60874	61355	0.86	cps
Dysprosium	156-2	46651	48253	48564	47822	2.15	cps
Erbium	164-1	53335	55513	54038	54295	2.05	cps
Erbium	164-2	35819	35605	35762	35729	0.31	cps
Gadolinium	160-1	56507	58699	60507	58571	3.42	cps
Gadolinium	160-2	40913	40766	41170	40950	0.50	cps
Holmium	165-1	12928088	12374632	12287914	12530212	2.77	cps
Holmium	165-2	8198824	8262991	8258473	8240096	0.43	cps
Indium	115-1	10383337	10578034	10540511	10500627	0.98	cps
Indium	115-2	3436847	3473990	3457928	3456255	0.54	cps
Iron	56-2	927909160	916798893	919038440	921248831	0.64	cps
Iron	57-2	22877960	22461550	22542591	22627367	0.98	cps
Iron	54-2	50865856	50561911	50755508	50727758	0.30	cps
Krypton	83-1	383	437	420	413	6.60	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-17	Instrumnet Name :	P7
Client Sample ID :	MYDA67	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:45:48	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	426914	418715	417504	421044	1.22	cps
Lead	207-1	387511	382251	386609	385457	0.73	cps
Lead	208-1	1700582	1735101	1734072	1723251	1.14	cps
Lithium	6-1	1582919	1625025	1566108	1591350	1.91	cps
Magnesium	24-2	14870046	14943479	14900874	14904800	0.25	cps
Manganese	55-2	32471288	32108645	32141564	32240499	0.62	cps
Molybdenum	94-1	57619	57757	57459	57612	0.26	cps
Molybdenum	95-1	15899	16786	17060	16582	3.66	cps
Molybdenum	96-1	32276	32794	32830	32633	0.95	cps
Molybdenum	97-1	9760	9713	10187	9887	2.64	cps
Molybdenum	98-1	24941	25152	24764	24952	0.78	cps
Neodymium	150-1	96951	103234	101428	100538	3.22	cps
Neodymium	150-2	56278	55924	54371	55524	1.83	cps
Nickel	60-2	251052	250954	249066	250357	0.45	cps
Phosphorus	31-2	52807	51807	52386	52334	0.96	cps
Potassium	39-2	7028765	7014823	7037336	7026974	0.16	cps
Rhodium	103-1	9734141	10137518	9705508	9859056	2.45	cps
Rhodium	103-2	6096326	6045603	5991144	6044358	0.87	cps
Scandium	45-1	7300103	7495444	7362087	7385878	1.35	cps
Scandium	45-2	682974	682541	678914	681476	0.33	cps
Selenium	82-1	702	741	626	690	8.51	cps
Selenium	77-2	263	273	220	252	11.24	cps
Selenium	78-2	613	580	647	613	5.43	cps
Silicon	28-1	33455679	34628082	34373319	34152360	1.81	cps
Silver	107-1	3897	3250	2974	3374	14.05	cps
Silver	109-1	4131	3064	2870	3355	20.23	cps
Sodium	23-2	226342	224329	228341	226337	0.89	cps
Strontium	86-1	391176	387072	385420	387889	0.76	cps
Strontium	88-1	3406063	3420724	3416279	3414355	0.22	cps
Sulfur	34-1	247333	248692	247835	247953	0.28	cps
Terbium	159-1	12836295	12741096	12761394	12779595	0.39	cps
Terbium	159-2	8146908	8249506	8317103	8237839	1.04	cps
Thallium	203-1	2824	2774	2790	2796	0.91	cps
Thallium	205-1	6525	7015	6862	6801	3.69	cps
Tin	118-1	18983	20458	19503	19648	3.81	cps
Titanium	47-1	1424196	1474997	1480925	1460039	2.14	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-17	Instrumnet Name :	P7
Client Sample ID :	MYDA67	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:45:48	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22663	22886	23728	23092	2.43	cps
Vanadium	51-2	1810159	1816394	1806103	1810885	0.29	cps
Yttrium	89-1	18907956	19116703	19037166	19020608	0.55	cps
Yttrium	89-2	4719054	4688308	4709468	4705610	0.33	cps
Zinc	66-2	293483	289644	294838	292655	0.92	cps
Zirconium	90-1	131277	137526	134542	134449	2.32	cps
Zirconium	91-1	29383	30138	29339	29620	1.52	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-18	Instrumnet Name :	P7
Client Sample ID :	MYDA68	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:48:55	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19866551	19977156	19892017	19911908	0.29	cps
Antimony	121-1	23810	23232	23579	23540	1.24	cps
Arsenic	75-2	171157	170300	170756	170738	0.25	cps
Barium	135-1	2770715	2696804	2736776	2734765	1.35	cps
Barium	137-1	4631050	4653271	4784807	4689709	1.77	cps
Beryllium	9-1	3151	3512	3546	3403	6.43	cps
Bismuth	209-1	7165821	7375336	7301370	7280842	1.46	cps
Bismuth	209-2	5460528	5475200	5409205	5448311	0.64	cps
Bromine	81-1	12639	12555	13146	12780	2.50	cps
Bromine	81-2	747	733	777	752	2.95	cps
Cadmium	108-1	570	603	667	613	8.01	cps
Cadmium	106-1	4544	4671	4391	4535	3.09	cps
Cadmium	111-1	7296	7271	7121	7229	1.31	cps
Calcium	43-1	424832	420937	423969	423246	0.48	cps
Calcium	44-1	6411072	6351975	6596578	6453208	1.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1786658	1800624	1811897	1799726	0.70	cps
Cobalt	59-2	983059	977995	978380	979811	0.29	cps
Copper	63-2	2049245	1994605	1990483	2011444	1.63	cps
Dysprosium	156-1	86776	89450	86299	87508	1.94	cps
Dysprosium	156-2	68356	68255	68459	68357	0.15	cps
Erbium	164-1	74976	78570	79622	77723	3.13	cps
Erbium	164-2	52599	51207	51725	51844	1.36	cps
Gadolinium	160-1	83688	83718	86052	84486	1.61	cps
Gadolinium	160-2	59292	58987	58277	58852	0.88	cps
Holmium	165-1	12274722	13088256	12153654	12505544	4.06	cps
Holmium	165-2	8338194	8368523	8232185	8312968	0.86	cps
Indium	115-1	10232276	10245642	10326571	10268163	0.50	cps
Indium	115-2	3432959	3423949	3437791	3431566	0.20	cps
Iron	56-2	1255071528	1258802088	1255843128	1256572248	0.16	cps
Iron	57-2	30674929	30771783	30773483	30740065	0.18	cps
Iron	54-2	68796139	69736029	69343989	69292052	0.68	cps
Krypton	83-1	410	433	430	424	2.97	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-18	Instrumnet Name :	P7
Client Sample ID :	MYDA68	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:48:55	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	537464	560442	541747	546551	2.24	cps
Lead	207-1	494193	494795	489728	492906	0.56	cps
Lead	208-1	2174741	2211161	2228722	2204875	1.25	cps
Lithium	6-1	1469029	1504621	1554409	1509353	2.84	cps
Magnesium	24-2	21262252	20910733	20878551	21017178	1.01	cps
Manganese	55-2	45350483	46034894	45654738	45680038	0.75	cps
Molybdenum	94-1	122672	124290	122924	123295	0.71	cps
Molybdenum	95-1	26270	26945	27102	26772	1.65	cps
Molybdenum	96-1	55903	57640	56954	56832	1.54	cps
Molybdenum	97-1	16396	15985	16436	16272	1.53	cps
Molybdenum	98-1	39687	40105	41098	40297	1.80	cps
Neodymium	150-1	143872	146190	148766	146276	1.67	cps
Neodymium	150-2	81661	82124	80716	81500	0.88	cps
Nickel	60-2	412110	409656	408980	410249	0.40	cps
Phosphorus	31-2	55848	56367	55935	56050	0.50	cps
Potassium	39-2	10411964	10504526	10522841	10479777	0.57	cps
Rhodium	103-1	9754143	9830270	9854202	9812871	0.53	cps
Rhodium	103-2	5965388	5983248	5957949	5968862	0.22	cps
Scandium	45-1	7672161	7567476	7720200	7653279	1.02	cps
Scandium	45-2	712103	715128	710924	712718	0.30	cps
Selenium	82-1	713	710	749	724	2.99	cps
Selenium	77-2	363	337	353	351	3.84	cps
Selenium	78-2	723	640	657	673	6.55	cps
Silicon	28-1	43950416	45293028	45162616	44802020	1.65	cps
Silver	107-1	5618	5641	5728	5662	1.02	cps
Silver	109-1	5068	5371	5241	5227	2.91	cps
Sodium	23-2	268445	270474	268116	269012	0.47	cps
Strontium	86-1	488562	498494	491385	492814	1.04	cps
Strontium	88-1	4359168	4285593	4338233	4327665	0.88	cps
Sulfur	34-1	235811	238402	236103	236772	0.60	cps
Terbium	159-1	13118044	12751311	12788320	12885891	1.57	cps
Terbium	159-2	8146101	8122742	8326604	8198482	1.36	cps
Thallium	203-1	3951	4214	3917	4027	4.04	cps
Thallium	205-1	9663	9667	10094	9808	2.52	cps
Tin	118-1	21620	22825	22841	22429	3.12	cps
Titanium	47-1	2319670	2307981	2376285	2334646	1.56	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-18	Instrumnet Name :	P7
Client Sample ID :	MYDA68	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:48:55	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36761	36129	37249	36713	1.53	cps
Vanadium	51-2	2607836	2579338	2625858	2604344	0.90	cps
Yttrium	89-1	19807353	19286065	19512288	19535235	1.34	cps
Yttrium	89-2	4788875	4791093	4796717	4792228	0.08	cps
Zinc	66-2	371047	368821	366273	368714	0.65	cps
Zirconium	90-1	295674	295649	299603	296975	0.77	cps
Zirconium	91-1	64789	67005	65864	65886	1.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-19	Instrumnet Name :	P7
Client Sample ID :	MYDA69	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:52:02	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10065677	10048341	10021500	10045172	0.22	cps
Antimony	121-1	14738	15101	15445	15095	2.34	cps
Arsenic	75-2	52747	52071	51098	51972	1.59	cps
Barium	135-1	1005880	1017491	1024707	1016026	0.93	cps
Barium	137-1	1800272	1826840	1826877	1817997	0.84	cps
Beryllium	9-1	2111	2161	2146	2139	1.20	cps
Bismuth	209-1	7383369	7509219	7330840	7407809	1.24	cps
Bismuth	209-2	5675328	5623694	5563797	5620939	0.99	cps
Bromine	81-1	12269	12312	12409	12330	0.58	cps
Bromine	81-2	443	580	517	513	13.32	cps
Cadmium	108-1	303	300	303	302	0.64	cps
Cadmium	106-1	4057	3754	3897	3903	3.89	cps
Cadmium	111-1	4695	4595	4629	4639	1.09	cps
Calcium	43-1	379236	380640	384315	381397	0.69	cps
Calcium	44-1	5827702	5878709	5900700	5869037	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490654	486899	484512	487355	0.64	cps
Cobalt	59-2	362515	361759	361088	361787	0.20	cps
Copper	63-2	852469	846801	837034	845435	0.92	cps
Dysprosium	156-1	66591	66979	68312	67294	1.34	cps
Dysprosium	156-2	52959	54525	53749	53745	1.46	cps
Erbium	164-1	57227	58582	58917	58242	1.54	cps
Erbium	164-2	39843	38623	38884	39117	1.64	cps
Gadolinium	160-1	63014	65054	64977	64348	1.80	cps
Gadolinium	160-2	46239	45664	45651	45851	0.73	cps
Holmium	165-1	12353091	12475551	12392170	12406937	0.50	cps
Holmium	165-2	8307941	8293377	8217888	8273069	0.58	cps
Indium	115-1	10366508	10415834	10466864	10416402	0.48	cps
Indium	115-2	3521071	3497547	3441975	3486864	1.16	cps
Iron	56-2	472062593	462519406	464546193	466376064	1.08	cps
Iron	57-2	11639058	11586615	11268788	11498154	1.74	cps
Iron	54-2	25912212	25806678	25617230	25778707	0.58	cps
Krypton	83-1	453	480	353	429	15.57	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-19	Instrumnet Name :	P7
Client Sample ID :	MYDA69	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:52:02	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	274984	284356	280762	280034	1.69	cps
Lead	207-1	241821	246669	246051	244847	1.08	cps
Lead	208-1	1101734	1122546	1116160	1113480	0.96	cps
Lithium	6-1	1520445	1553005	1537073	1536841	1.06	cps
Magnesium	24-2	9645092	9721908	9584985	9650662	0.71	cps
Manganese	55-2	10906936	10632993	10547436	10695788	1.76	cps
Molybdenum	94-1	62851	63892	63416	63386	0.82	cps
Molybdenum	95-1	6675	7229	7012	6972	4.00	cps
Molybdenum	96-1	21349	21426	21399	21391	0.18	cps
Molybdenum	97-1	4101	4047	4321	4156	3.49	cps
Molybdenum	98-1	10110	10280	10497	10296	1.88	cps
Neodymium	150-1	118060	121142	119105	119435	1.31	cps
Neodymium	150-2	67919	66931	66891	67247	0.87	cps
Nickel	60-2	153456	152918	151971	152781	0.49	cps
Phosphorus	31-2	37873	37660	37122	37552	1.03	cps
Potassium	39-2	5889632	5867551	5855376	5870853	0.30	cps
Rhodium	103-1	10038442	9966279	9883783	9962835	0.78	cps
Rhodium	103-2	6151926	6077044	5990916	6073295	1.33	cps
Scandium	45-1	7057268	7002964	7040592	7033608	0.40	cps
Scandium	45-2	655702	652402	647930	652011	0.60	cps
Selenium	82-1	550	542	702	598	15.06	cps
Selenium	77-2	327	340	287	318	8.73	cps
Selenium	78-2	653	550	663	622	10.08	cps
Silicon	28-1	35522953	36455596	36056139	36011563	1.30	cps
Silver	107-1	2684	2617	2737	2679	2.24	cps
Silver	109-1	2397	2414	2390	2400	0.50	cps
Sodium	23-2	236901	235608	235978	236162	0.28	cps
Strontium	86-1	259656	264246	263944	262615	0.98	cps
Strontium	88-1	2329796	2324830	2346403	2333676	0.48	cps
Sulfur	34-1	220653	217989	213294	217312	1.71	cps
Terbium	159-1	12715146	12900456	12628283	12747962	1.09	cps
Terbium	159-2	8120339	8181852	8242502	8181564	0.75	cps
Thallium	203-1	2254	2187	2200	2214	1.59	cps
Thallium	205-1	4778	5164	5078	5007	4.05	cps
Tin	118-1	23089	23993	23629	23571	1.93	cps
Titanium	47-1	1909606	1969933	1958513	1946017	1.65	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-19	Instrumnet Name :	P7
Client Sample ID :	MYDA69	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:52:02	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26740	27462	27726	27309	1.87	cps
Vanadium	51-2	960344	952724	951126	954731	0.52	cps
Yttrium	89-1	19310094	19305366	19143846	19253102	0.49	cps
Yttrium	89-2	4795249	4790000	4690493	4758581	1.24	cps
Zinc	66-2	189929	188355	189081	189122	0.42	cps
Zirconium	90-1	161949	162926	165016	163297	0.96	cps
Zirconium	91-1	36652	36362	36983	36666	0.85	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-20	Instrumnet Name :	P7
Client Sample ID :	MYDA70	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:55:10	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11712447	11730872	11649994	11697771	0.36	cps
Antimony	121-1	19884	20431	20698	20338	2.04	cps
Arsenic	75-2	99205	100172	99292	99556	0.54	cps
Barium	135-1	833325	846033	845594	841651	0.86	cps
Barium	137-1	1432715	1473568	1463976	1456753	1.47	cps
Beryllium	9-1	2114	1954	2049	2039	3.96	cps
Bismuth	209-1	7355002	7376688	7502476	7411389	1.07	cps
Bismuth	209-2	5631186	5652706	5658387	5647426	0.25	cps
Bromine	81-1	11691	11938	11705	11778	1.18	cps
Bromine	81-2	360	320	413	364	12.85	cps
Cadmium	108-1	367	387	310	354	11.22	cps
Cadmium	106-1	4037	4074	4114	4075	0.94	cps
Cadmium	111-1	4583	4758	4916	4752	3.51	cps
Calcium	43-1	396318	404569	402516	401135	1.07	cps
Calcium	44-1	6023460	6195633	6158216	6125770	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	684510	675720	682412	680880	0.67	cps
Cobalt	59-2	453842	453943	455884	454556	0.25	cps
Copper	63-2	1106603	1101665	1103321	1103863	0.23	cps
Dysprosium	156-1	55486	57103	55984	56191	1.47	cps
Dysprosium	156-2	44818	44845	45176	44946	0.44	cps
Erbium	164-1	47651	48066	48297	48004	0.68	cps
Erbium	164-2	31906	32611	31395	31971	1.91	cps
Gadolinium	160-1	51247	52642	51688	51859	1.37	cps
Gadolinium	160-2	36932	37239	36995	37056	0.44	cps
Holmium	165-1	12245213	12229906	12586136	12353751	1.63	cps
Holmium	165-2	8370449	8247702	8172613	8263588	1.21	cps
Indium	115-1	10449627	10484488	10256137	10396751	1.18	cps
Indium	115-2	3503791	3469800	3539117	3504236	0.99	cps
Iron	56-2	525354566	529718685	527155525	527409592	0.42	cps
Iron	57-2	12930855	12907824	12962765	12933815	0.21	cps
Iron	54-2	28756999	29143816	29079010	28993275	0.71	cps
Krypton	83-1	387	413	410	403	3.60	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-20	Instrumnet Name :	P7
Client Sample ID :	MYDA70	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:55:10	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	247166	249452	252200	249606	1.01	cps
Lead	207-1	207028	210365	207437	208277	0.87	cps
Lead	208-1	948762	969149	959981	959297	1.06	cps
Lithium	6-1	1531856	1588822	1557430	1559369	1.83	cps
Magnesium	24-2	12501849	12489513	12361907	12451090	0.62	cps
Manganese	55-2	8979600	8983160	8952964	8971908	0.18	cps
Molybdenum	94-1	78104	78911	79591	78869	0.94	cps
Molybdenum	95-1	7702	7669	7542	7638	1.11	cps
Molybdenum	96-1	24988	25516	25075	25193	1.12	cps
Molybdenum	97-1	4661	4774	4571	4669	2.18	cps
Molybdenum	98-1	11898	11808	10861	11522	4.99	cps
Neodymium	150-1	99112	99975	100683	99923	0.79	cps
Neodymium	150-2	56001	56282	54846	55710	1.37	cps
Nickel	60-2	180367	179561	179669	179865	0.24	cps
Phosphorus	31-2	33076	33393	33680	33383	0.91	cps
Potassium	39-2	4782554	4837460	4802664	4807559	0.58	cps
Rhodium	103-1	9907749	9974139	9988737	9956875	0.43	cps
Rhodium	103-2	6118538	6071781	6089799	6093373	0.39	cps
Scandium	45-1	7127030	7196063	7183408	7168834	0.51	cps
Scandium	45-2	663003	660799	656999	660267	0.46	cps
Selenium	82-1	675	519	595	596	13.11	cps
Selenium	77-2	227	187	213	209	9.75	cps
Selenium	78-2	720	560	550	610	15.64	cps
Silicon	28-1	32692545	33467520	33281470	33147178	1.22	cps
Silver	107-1	1983	2104	2037	2041	2.95	cps
Silver	109-1	1910	1843	1900	1885	1.91	cps
Sodium	23-2	188117	189061	188842	188674	0.26	cps
Strontium	86-1	295220	298098	299427	297582	0.72	cps
Strontium	88-1	2565904	2596602	2661404	2607970	1.87	cps
Sulfur	34-1	209539	215210	213405	212718	1.36	cps
Terbium	159-1	12734486	13014846	12793108	12847480	1.15	cps
Terbium	159-2	8274761	8309423	8230091	8271425	0.48	cps
Thallium	203-1	1333	1510	1447	1430	6.26	cps
Thallium	205-1	3340	3641	3764	3582	6.08	cps
Tin	118-1	25760	26728	26892	26460	2.31	cps
Titanium	47-1	2264443	2286885	2272377	2274568	0.50	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-20	Instrumnet Name :	P7
Client Sample ID :	MYDA70	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:55:10	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28611	29282	29159	29017	1.23	cps
Vanadium	51-2	1182338	1191267	1181461	1185022	0.46	cps
Yttrium	89-1	19006176	19129288	19247951	19127805	0.63	cps
Yttrium	89-2	4734329	4749816	4771612	4751919	0.39	cps
Zinc	66-2	218466	216508	217751	217575	0.46	cps
Zirconium	90-1	202430	207713	205575	205239	1.29	cps
Zirconium	91-1	45343	45938	46105	45796	0.87	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-21	Instrumnet Name :	P7
Client Sample ID :	MYDA71	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:58:20	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22381265	22490236	22376593	22416031	0.29	cps
Antimony	121-1	22945	23773	24077	23598	2.48	cps
Arsenic	75-2	179478	180210	179403	179697	0.25	cps
Barium	135-1	2311320	2275580	2332052	2306317	1.24	cps
Barium	137-1	3965465	3926036	4022730	3971410	1.22	cps
Beryllium	9-1	3265	3131	3193	3196	2.10	cps
Bismuth	209-1	7221514	7456482	7380976	7352991	1.63	cps
Bismuth	209-2	5482526	5660177	5589833	5577512	1.60	cps
Bromine	81-1	12662	12279	12652	12531	1.74	cps
Bromine	81-2	583	563	643	597	6.98	cps
Cadmium	108-1	567	630	620	606	5.62	cps
Cadmium	106-1	4484	4828	4587	4633	3.80	cps
Cadmium	111-1	7713	7933	7745	7797	1.52	cps
Calcium	43-1	384038	380339	387698	384025	0.96	cps
Calcium	44-1	5913316	5883423	6012829	5936523	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1527946	1553418	1552310	1544558	0.93	cps
Cobalt	59-2	1087743	1082510	1086440	1085564	0.25	cps
Copper	63-2	2311764	2305596	2281882	2299747	0.69	cps
Dysprosium	156-1	89456	90835	89519	89937	0.87	cps
Dysprosium	156-2	70419	71072	71558	71016	0.80	cps
Erbium	164-1	79850	82190	81526	81189	1.49	cps
Erbium	164-2	53696	53837	52575	53369	1.30	cps
Gadolinium	160-1	86586	87082	87407	87025	0.48	cps
Gadolinium	160-2	61685	60443	60383	60837	1.21	cps
Holmium	165-1	12306024	12354063	12292356	12317481	0.26	cps
Holmium	165-2	8339376	8454784	8366808	8386989	0.72	cps
Indium	115-1	10475979	10277491	10351329	10368266	0.97	cps
Indium	115-2	3449893	3448952	3495659	3464834	0.77	cps
Iron	56-2	1413967072	1423053579	1406581259	1414533970	0.58	cps
Iron	57-2	34780468	34435502	34356439	34524136	0.65	cps
Iron	54-2	77042086	77576377	77763709	77460724	0.48	cps
Krypton	83-1	460	500	450	470	5.63	cps

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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-21	Instrumnet Name :	P7
Client Sample ID :	MYDA71	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:58:20	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	609523	634019	625957	623166	2.00	cps
Lead	207-1	559044	555718	565186	559983	0.86	cps
Lead	208-1	2523873	2539725	2565631	2543076	0.83	cps
Lithium	6-1	1522030	1573554	1573029	1556205	1.90	cps
Magnesium	24-2	24296795	24105698	23917180	24106558	0.79	cps
Manganese	55-2	43199294	44086358	43821918	43702523	1.04	cps
Molybdenum	94-1	125132	127149	127852	126711	1.11	cps
Molybdenum	95-1	18208	18115	17914	18079	0.83	cps
Molybdenum	96-1	50912	52748	51176	51612	1.92	cps
Molybdenum	97-1	10357	10697	10484	10513	1.64	cps
Molybdenum	98-1	26424	26127	27038	26530	1.75	cps
Neodymium	150-1	147558	150982	152509	150350	1.69	cps
Neodymium	150-2	83552	84182	83412	83715	0.49	cps
Nickel	60-2	380591	379183	377640	379138	0.39	cps
Phosphorus	31-2	43682	43264	44962	43970	2.01	cps
Potassium	39-2	10432600	10482081	10455397	10456693	0.24	cps
Rhodium	103-1	9744054	9948506	9861588	9851383	1.04	cps
Rhodium	103-2	5990389	6019900	5958878	5989723	0.51	cps
Scandium	45-1	7718911	7772935	7809049	7766965	0.58	cps
Scandium	45-2	713391	719364	713859	715538	0.46	cps
Selenium	82-1	709	684	736	710	3.70	cps
Selenium	77-2	397	360	353	370	6.31	cps
Selenium	78-2	690	700	700	697	0.83	cps
Silicon	28-1	38215722	39016034	38418676	38550144	1.08	cps
Silver	107-1	6482	6462	6522	6488	0.47	cps
Silver	109-1	5838	6141	5808	5929	3.11	cps
Sodium	23-2	244717	246407	244911	245345	0.38	cps
Strontium	86-1	418751	428256	422567	423192	1.13	cps
Strontium	88-1	3679311	3663543	3697059	3679971	0.46	cps
Sulfur	34-1	228665	231484	233168	231106	0.98	cps
Terbium	159-1	12678906	12343869	12642554	12555109	1.46	cps
Terbium	159-2	8346189	8303189	8198432	8282603	0.92	cps
Thallium	203-1	3567	3604	3694	3622	1.80	cps
Thallium	205-1	8773	8676	8843	8764	0.96	cps
Tin	118-1	21079	21132	21022	21078	0.26	cps
Titanium	47-1	2177947	2238856	2256452	2224418	1.85	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-21	Instrumnet Name :	P7
Client Sample ID :	MYDA71	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 17:58:20	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34942	34144	34799	34628	1.23	cps
Vanadium	51-2	2648715	2659646	2628232	2645531	0.60	cps
Yttrium	89-1	19340203	19053321	19405460	19266328	0.97	cps
Yttrium	89-2	4844579	4863392	4719869	4809280	1.62	cps
Zinc	66-2	407317	406125	409832	407758	0.46	cps
Zirconium	90-1	326399	326755	328986	327380	0.43	cps
Zirconium	91-1	71252	74505	72307	72688	2.28	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-22	Instrumnet Name :	P7
Client Sample ID :	MYDA72	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:01:25	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27089730	26823057	26850350	26921045	0.55	cps
Antimony	121-1	14477	14464	15031	14658	2.21	cps
Arsenic	75-2	196185	197614	195277	196359	0.60	cps
Barium	135-1	624469	634794	631545	630269	0.84	cps
Barium	137-1	1081121	1102867	1106704	1096897	1.26	cps
Beryllium	9-1	1432	1450	1563	1482	4.80	cps
Bismuth	209-1	7228112	7289466	7196623	7238067	0.65	cps
Bismuth	209-2	5476053	5471621	5437780	5461818	0.38	cps
Bromine	81-1	12062	11878	12132	12024	1.09	cps
Bromine	81-2	337	333	347	339	2.05	cps
Cadmium	108-1	550	630	573	584	7.04	cps
Cadmium	106-1	4267	4881	4337	4495	7.48	cps
Cadmium	111-1	6256	6400	5925	6194	3.93	cps
Calcium	43-1	191844	194625	198091	194853	1.61	cps
Calcium	44-1	2914770	2994940	2993954	2967888	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1606188	1599655	1596342	1600728	0.31	cps
Cobalt	59-2	955880	954397	956465	955580	0.11	cps
Copper	63-2	1952656	1944018	1882425	1926366	1.99	cps
Dysprosium	156-1	50718	50965	50752	50812	0.26	cps
Dysprosium	156-2	38827	38048	38600	38492	1.04	cps
Erbium	164-1	50200	50631	49631	50154	1.00	cps
Erbium	164-2	32862	32244	32521	32542	0.95	cps
Gadolinium	160-1	50929	54218	52769	52638	3.13	cps
Gadolinium	160-2	37487	37841	36534	37287	1.81	cps
Holmium	165-1	12340681	12526106	12112592	12326460	1.68	cps
Holmium	165-2	8341683	8285104	8319760	8315516	0.34	cps
Indium	115-1	10234900	10376509	10445366	10352259	1.04	cps
Indium	115-2	3472106	3540368	3493788	3502087	1.00	cps
Iron	56-2	986879639	978939185	975155985	980324937	0.61	cps
Iron	57-2	24387670	24152353	23785425	24108483	1.26	cps
Iron	54-2	54403151	53798889	53485289	53895776	0.87	cps
Krypton	83-1	457	383	473	438	10.94	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-22	Instrumnet Name :	P7
Client Sample ID :	MYDA72	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:01:25	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	281354	284498	282889	282914	0.56	cps
Lead	207-1	247752	253516	248203	249824	1.28	cps
Lead	208-1	1118543	1135505	1134540	1129529	0.84	cps
Lithium	6-1	1525695	1496183	1547937	1523272	1.70	cps
Magnesium	24-2	37084149	36724937	37265484	37024856	0.74	cps
Manganese	55-2	14266311	14025551	13991146	14094336	1.06	cps
Molybdenum	94-1	43528	45327	44263	44373	2.04	cps
Molybdenum	95-1	8116	7992	8152	8087	1.04	cps
Molybdenum	96-1	24521	25155	24524	24733	1.48	cps
Molybdenum	97-1	4844	4841	4888	4858	0.54	cps
Molybdenum	98-1	12082	12118	12859	12353	3.55	cps
Neodymium	150-1	74070	74060	75109	74413	0.81	cps
Neodymium	150-2	42136	41411	40939	41495	1.45	cps
Nickel	60-2	424532	422418	422246	423066	0.30	cps
Phosphorus	31-2	19085	19052	19409	19182	1.03	cps
Potassium	39-2	3866391	3776650	3799810	3814284	1.22	cps
Rhodium	103-1	9967963	9896924	9862378	9909088	0.54	cps
Rhodium	103-2	6146733	6121678	6126328	6131580	0.22	cps
Scandium	45-1	8522025	8497991	8628532	8549516	0.81	cps
Scandium	45-2	808502	797481	794906	800296	0.90	cps
Selenium	82-1	611	660	651	641	4.05	cps
Selenium	77-2	207	217	200	208	4.04	cps
Selenium	78-2	580	600	607	596	2.33	cps
Silicon	28-1	35320893	34692836	35936897	35316875	1.76	cps
Silver	107-1	2327	2554	2287	2389	6.02	cps
Silver	109-1	2267	2150	2157	2191	2.99	cps
Sodium	23-2	170610	171077	169164	170284	0.59	cps
Strontium	86-1	149082	152556	152127	151255	1.25	cps
Strontium	88-1	1278253	1319590	1298110	1298651	1.59	cps
Sulfur	34-1	218465	220748	224001	221071	1.26	cps
Terbium	159-1	12671114	12766482	12834981	12757526	0.65	cps
Terbium	159-2	8388381	8231142	8380269	8333264	1.06	cps
Thallium	203-1	1100	1140	1260	1167	7.14	cps
Thallium	205-1	2800	2770	2920	2830	2.81	cps
Tin	118-1	17394	18085	18038	17839	2.16	cps
Titanium	47-1	575399	592597	584425	584140	1.47	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-22	Instrumnet Name :	P7
Client Sample ID :	MYDA72	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:01:25	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12793	13300	13281	13125	2.19	cps
Vanadium	51-2	2902341	2904700	2921462	2909501	0.36	cps
Yttrium	89-1	19087799	19088256	18928284	19034780	0.48	cps
Yttrium	89-2	4750403	4863327	4738600	4784110	1.44	cps
Zinc	66-2	299748	296449	298759	298318	0.57	cps
Zirconium	90-1	107358	112319	108758	109478	2.34	cps
Zirconium	91-1	24140	24768	25205	24704	2.17	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:04:34	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6296337	6222350	6219041	6245909	0.70	cps
Antimony	121-1	7762	8119	7889	7923	2.28	cps
Arsenic	75-2	42725	42046	42898	42556	1.06	cps
Barium	135-1	170355	174911	177802	174356	2.15	cps
Barium	137-1	295055	303702	304004	300920	1.69	cps
Beryllium	9-1	382	457	385	408	10.32	cps
Bismuth	209-1	7319372	7200328	7395586	7305095	1.35	cps
Bismuth	209-2	5559967	5560654	5565483	5562035	0.05	cps
Bromine	81-1	12309	12632	12605	12515	1.44	cps
Bromine	81-2	337	320	337	331	2.90	cps
Cadmium	108-1	163	160	120	148	16.32	cps
Cadmium	106-1	3610	3420	3414	3482	3.21	cps
Cadmium	111-1	2636	2526	2512	2558	2.66	cps
Calcium	43-1	195068	201162	201876	199368	1.88	cps
Calcium	44-1	2995764	3176041	3120416	3097407	2.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	409735	411364	404199	408433	0.92	cps
Cobalt	59-2	287817	289518	285982	287772	0.61	cps
Copper	63-2	620339	623271	618678	620763	0.37	cps
Dysprosium	156-1	8176	8363	8833	8457	4.00	cps
Dysprosium	156-2	6628	6455	6465	6516	1.49	cps
Erbium	164-1	10284	10664	10888	10612	2.88	cps
Erbium	164-2	7372	7265	7135	7258	1.63	cps
Gadolinium	160-1	8820	8546	9196	8854	3.69	cps
Gadolinium	160-2	6355	6918	6708	6661	4.28	cps
Holmium	165-1	11899562	12197270	12245327	12114053	1.55	cps
Holmium	165-2	8287887	8237999	8202218	8242701	0.52	cps
Indium	115-1	10147181	10248835	10327315	10241110	0.88	cps
Indium	115-2	3543799	3482677	3512597	3513024	0.87	cps
Iron	56-2	260657469	260128929	258438369	259741589	0.45	cps
Iron	57-2	6427905	6398265	6371706	6399292	0.44	cps
Iron	54-2	14566706	14276289	14262096	14368364	1.20	cps
Krypton	83-1	350	320	330	333	4.58	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:04:34	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22990	23464	23971	23475	2.09	cps
Lead	207-1	20936	21013	21808	21252	2.27	cps
Lead	208-1	94316	96543	96677	95845	1.38	cps
Lithium	6-1	1512335	1507310	1496392	1505346	0.54	cps
Magnesium	24-2	6716400	6656488	6616056	6662981	0.76	cps
Manganese	55-2	6409026	6368677	6295192	6357632	0.91	cps
Molybdenum	94-1	10764	10591	10551	10635	1.07	cps
Molybdenum	95-1	2167	2310	2374	2284	4.64	cps
Molybdenum	96-1	6121	6632	10089	7614	28.35	cps
Molybdenum	97-1	1340	1363	1247	1317	4.69	cps
Molybdenum	98-1	3294	3340	3524	3386	3.59	cps
Neodymium	150-1	10474	10831	10671	10659	1.68	cps
Neodymium	150-2	6305	6115	6218	6213	1.53	cps
Nickel	60-2	102940	102269	101866	102358	0.53	cps
Phosphorus	31-2	4144	4121	4117	4127	0.35	cps
Potassium	39-2	222881	223212	222979	223024	0.08	cps
Rhodium	103-1	9753932	10063864	9970946	9929581	1.60	cps
Rhodium	103-2	6149996	6225159	6167857	6181004	0.64	cps
Scandium	45-1	6830606	7039092	7048229	6972642	1.77	cps
Scandium	45-2	661496	658572	657551	659206	0.31	cps
Selenium	82-1	555	582	577	572	2.56	cps
Selenium	77-2	43	30	40	38	18.36	cps
Selenium	78-2	490	567	530	529	7.25	cps
Silicon	28-1	7926301	8046488	8096657	8023149	1.09	cps
Silver	107-1	347	390	310	349	11.48	cps
Silver	109-1	243	240	273	252	7.28	cps
Sodium	23-2	169660	169009	167662	168777	0.60	cps
Strontium	86-1	102494	105662	106747	104968	2.11	cps
Strontium	88-1	890047	913773	921976	908599	1.82	cps
Sulfur	34-1	223000	223210	221729	222646	0.36	cps
Terbium	159-1	12389083	12497990	12599348	12495473	0.84	cps
Terbium	159-2	8241526	8217998	8179693	8213072	0.38	cps
Thallium	203-1	277	270	250	266	5.23	cps
Thallium	205-1	607	547	603	586	5.76	cps
Tin	118-1	7296	7222	7409	7309	1.29	cps
Titanium	47-1	1187475	1221494	1233259	1214076	1.96	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:04:34	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3607	3717	3547	3624	2.38	cps
Vanadium	51-2	646177	643513	639782	643157	0.50	cps
Yttrium	89-1	18078184	18385966	18642723	18368958	1.54	cps
Yttrium	89-2	4708979	4732650	4685146	4708925	0.50	cps
Zinc	66-2	59960	60388	60435	60261	0.43	cps
Zirconium	90-1	24945	25903	26428	25758	2.92	cps
Zirconium	91-1	5735	5735	5891	5787	1.56	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:07:44	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6124777	6172644	6126997	6141473	0.44	cps
Antimony	121-1	7936	7702	8119	7919	2.64	cps
Arsenic	75-2	42130	43437	42567	42711	1.56	cps
Barium	135-1	199278	205325	206294	203633	1.87	cps
Barium	137-1	346198	355072	355487	352253	1.49	cps
Beryllium	9-1	412	435	407	418	3.49	cps
Bismuth	209-1	7349799	7280308	7387115	7339074	0.74	cps
Bismuth	209-2	5518885	5658679	5572538	5583367	1.26	cps
Bromine	81-1	12595	12866	12956	12806	1.46	cps
Bromine	81-2	310	347	343	333	6.08	cps
Cadmium	108-1	100	110	157	122	24.75	cps
Cadmium	106-1	3667	3377	3514	3519	4.12	cps
Cadmium	111-1	2744	2484	2617	2615	4.97	cps
Calcium	43-1	195421	202412	200753	199529	1.83	cps
Calcium	44-1	3038949	3088145	3091360	3072818	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	404672	406981	410733	407462	0.75	cps
Cobalt	59-2	293238	294221	292012	293157	0.38	cps
Copper	63-2	613621	613661	615890	614391	0.21	cps
Dysprosium	156-1	8249	8663	8916	8609	3.91	cps
Dysprosium	156-2	6442	6548	6545	6512	0.93	cps
Erbium	164-1	10574	10968	10744	10762	1.83	cps
Erbium	164-2	7099	7185	7059	7114	0.91	cps
Gadolinium	160-1	9123	8976	8709	8936	2.35	cps
Gadolinium	160-2	6975	6922	6738	6878	1.81	cps
Holmium	165-1	12016381	12262389	12163223	12147331	1.02	cps
Holmium	165-2	8353292	8167447	8282683	8267807	1.13	cps
Indium	115-1	10349163	10363204	10317321	10343229	0.23	cps
Indium	115-2	3554512	3507422	3494755	3518896	0.89	cps
Iron	56-2	264585223	263878029	262741829	263735027	0.35	cps
Iron	57-2	6501769	6455752	6428703	6462075	0.57	cps
Iron	54-2	14547796	14375615	14621001	14514804	0.87	cps
Krypton	83-1	293	350	387	343	13.70	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:07:44	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26953	26766	26626	26782	0.61	cps
Lead	207-1	24195	25400	24505	24700	2.53	cps
Lead	208-1	108757	110863	110122	109914	0.97	cps
Lithium	6-1	1474621	1531116	1501696	1502478	1.88	cps
Magnesium	24-2	6543587	6593505	6659585	6598892	0.88	cps
Manganese	55-2	7084906	7042561	7036107	7054525	0.38	cps
Molybdenum	94-1	10918	11104	10921	10981	0.97	cps
Molybdenum	95-1	2380	2430	2547	2452	3.49	cps
Molybdenum	96-1	6655	6962	6445	6687	3.89	cps
Molybdenum	97-1	1320	1437	1400	1386	4.31	cps
Molybdenum	98-1	3207	3507	3297	3337	4.61	cps
Neodymium	150-1	10667	11862	11685	11405	5.65	cps
Neodymium	150-2	6442	6388	6128	6319	2.65	cps
Nickel	60-2	101457	102034	101108	101533	0.46	cps
Phosphorus	31-2	4364	4137	4274	4258	2.68	cps
Potassium	39-2	226344	227978	229125	227816	0.61	cps
Rhodium	103-1	9904696	10261175	10055285	10073719	1.78	cps
Rhodium	103-2	6296234	6043270	6224685	6188063	2.11	cps
Scandium	45-1	7059749	7140932	7102772	7101151	0.57	cps
Scandium	45-2	665806	664723	665605	665378	0.09	cps
Selenium	82-1	577	597	511	562	8.02	cps
Selenium	77-2	47	17	47	37	47.23	cps
Selenium	78-2	537	433	460	477	11.25	cps
Silicon	28-1	7831177	8004906	7955444	7930509	1.13	cps
Silver	107-1	310	323	270	301	9.22	cps
Silver	109-1	247	237	290	258	11.00	cps
Sodium	23-2	167594	167270	168414	167759	0.35	cps
Strontium	86-1	105931	108634	109245	107937	1.63	cps
Strontium	88-1	913020	942474	941122	932206	1.78	cps
Sulfur	34-1	221647	222343	221721	221904	0.17	cps
Terbium	159-1	12655210	12573455	12410771	12546478	0.99	cps
Terbium	159-2	8184538	8191692	8196348	8190859	0.07	cps
Thallium	203-1	200	247	227	224	10.43	cps
Thallium	205-1	547	610	557	571	5.96	cps
Tin	118-1	6955	7082	6832	6956	1.80	cps
Titanium	47-1	1213761	1249872	1254062	1239231	1.79	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-08DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:07:44	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3877	3834	3784	3832	1.22	cps
Vanadium	51-2	636509	637632	642380	638841	0.49	cps
Yttrium	89-1	18405137	18624252	18525804	18518398	0.59	cps
Yttrium	89-2	4749245	4684624	4704969	4712946	0.70	cps
Zinc	66-2	60324	60462	61275	60687	0.85	cps
Zirconium	90-1	25526	26240	26374	26046	1.75	cps
Zirconium	91-1	5745	5901	5785	5810	1.40	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:10:57	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1178432	1205787	1217593	1200604	1.67	cps
Antimony	121-1	1450	1640	1527	1539	6.21	cps
Arsenic	75-2	8292	8643	8232	8389	2.64	cps
Barium	135-1	32825	33242	33529	33199	1.07	cps
Barium	137-1	55762	58004	58600	57455	2.60	cps
Beryllium	9-1	80	96	102	93	12.31	cps
Bismuth	209-1	7435607	7001906	7014310	7150608	3.45	cps
Bismuth	209-2	5618949	5417426	5509914	5515430	1.83	cps
Bromine	81-1	12359	12592	12479	12476	0.94	cps
Bromine	81-2	250	183	217	217	15.38	cps
Cadmium	108-1	47	27	47	40	28.87	cps
Cadmium	106-1	3270	3220	3207	3233	1.03	cps
Cadmium	111-1	2327	2289	2249	2288	1.70	cps
Calcium	43-1	37590	40026	39244	38953	3.19	cps
Calcium	44-1	651833	650223	659020	653692	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80309	79478	81003	80263	0.95	cps
Cobalt	59-2	54873	56904	54452	55410	2.37	cps
Copper	63-2	119811	124122	120997	121643	1.83	cps
Dysprosium	156-1	1683	1607	1630	1640	2.40	cps
Dysprosium	156-2	1187	1307	1100	1198	8.66	cps
Erbium	164-1	2157	1970	2157	2095	5.15	cps
Erbium	164-2	1483	1400	1423	1436	2.99	cps
Gadolinium	160-1	1887	1953	1793	1878	4.28	cps
Gadolinium	160-2	1510	1497	1410	1472	3.69	cps
Holmium	165-1	11811511	11662991	11903280	11792594	1.03	cps
Holmium	165-2	8170878	8111116	8083894	8121963	0.55	cps
Indium	115-1	10298632	10047663	10325129	10223808	1.50	cps
Indium	115-2	3509041	3500645	3463748	3491145	0.69	cps
Iron	56-2	50309704	50582648	50541136	50477829	0.29	cps
Iron	57-2	1297521	1299097	1298037	1298218	0.06	cps
Iron	54-2	2818832	2817767	2784527	2807042	0.69	cps
Krypton	83-1	350	350	340	347	1.67	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:10:57	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5031	4684	5081	4932	4.38	cps
Lead	207-1	4668	4554	4467	4563	2.20	cps
Lead	208-1	20393	19973	20650	20338	1.68	cps
Lithium	6-1	1545345	1491121	1499714	1512060	1.93	cps
Magnesium	24-2	1280440	1276542	1284867	1280617	0.33	cps
Manganese	55-2	1248673	1251068	1245408	1248383	0.23	cps
Molybdenum	94-1	2147	2440	2477	2355	7.68	cps
Molybdenum	95-1	583	577	637	599	5.49	cps
Molybdenum	96-1	1447	1443	1430	1440	0.61	cps
Molybdenum	97-1	317	337	350	334	5.02	cps
Molybdenum	98-1	883	723	727	778	11.76	cps
Neodymium	150-1	2054	1983	2094	2044	2.73	cps
Neodymium	150-2	1177	1163	1187	1176	1.00	cps
Nickel	60-2	19600	20060	20000	19887	1.26	cps
Phosphorus	31-2	1010	907	873	930	7.66	cps
Potassium	39-2	113277	115088	112639	113668	1.12	cps
Rhodium	103-1	9819603	9873642	9824515	9839253	0.30	cps
Rhodium	103-2	6054218	6229984	6230580	6171594	1.65	cps
Scandium	45-1	6909799	6798373	6755827	6821333	1.17	cps
Scandium	45-2	639485	636554	632598	636212	0.54	cps
Selenium	82-1	454	533	519	502	8.42	cps
Selenium	77-2	13	10	7	10	33.30	cps
Selenium	78-2	440	447	423	437	2.75	cps
Silicon	28-1	1949818	1905129	1883225	1912724	1.77	cps
Silver	107-1	113	130	83	109	21.72	cps
Silver	109-1	110	93	73	92	19.91	cps
Sodium	23-2	74462	73655	72814	73644	1.12	cps
Strontium	86-1	20074	20615	19657	20115	2.39	cps
Strontium	88-1	173531	178722	181172	177808	2.19	cps
Sulfur	34-1	223892	219815	218226	220644	1.32	cps
Terbium	159-1	12076784	12269568	11942622	12096325	1.36	cps
Terbium	159-2	8087047	8128037	8038415	8084500	0.55	cps
Thallium	203-1	167	153	147	156	6.55	cps
Thallium	205-1	367	417	340	374	10.39	cps
Tin	118-1	2854	3034	3030	2973	3.46	cps
Titanium	47-1	231695	234769	232675	233046	0.67	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:10:57	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	750	680	613	681	10.03	cps
Vanadium	51-2	123218	122680	123184	123027	0.24	cps
Yttrium	89-1	18633528	17895439	18018421	18182463	2.17	cps
Yttrium	89-2	4596626	4532103	4616629	4581786	0.96	cps
Zinc	66-2	12278	13660	12342	12760	6.11	cps
Zirconium	90-1	5598	5614	5448	5553	1.65	cps
Zirconium	91-1	1140	1197	1213	1183	3.25	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:14:10	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6189367	6178309	6144237	6170638	0.38	cps
Antimony	121-1	185385	188617	191670	188558	1.67	cps
Arsenic	75-2	46051	46038	45924	46004	0.15	cps
Barium	135-1	1390067	1404974	1417884	1404308	0.99	cps
Barium	137-1	2560645	2547459	2553152	2553752	0.26	cps
Beryllium	9-1	19695	20762	20564	20340	2.79	cps
Bismuth	209-1	7004653	7131044	7207695	7114464	1.44	cps
Bismuth	209-2	5495429	5541382	5389663	5475491	1.42	cps
Bromine	81-1	11798	12782	12555	12379	4.16	cps
Bromine	81-2	297	273	327	299	8.94	cps
Cadmium	108-1	1717	1830	1783	1777	3.21	cps
Cadmium	106-1	5751	5481	5438	5557	3.06	cps
Cadmium	111-1	26370	26432	26758	26520	0.79	cps
Calcium	43-1	193136	195527	197433	195365	1.10	cps
Calcium	44-1	2972678	3014540	3065141	3017453	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	668581	665122	669862	667855	0.37	cps
Cobalt	59-2	1281185	1274525	1276201	1277304	0.27	cps
Copper	63-2	939798	932566	937155	936506	0.39	cps
Dysprosium	156-1	8366	8489	8283	8379	1.24	cps
Dysprosium	156-2	6418	6392	6372	6394	0.37	cps
Erbium	164-1	10397	10334	10451	10394	0.56	cps
Erbium	164-2	6928	6862	7045	6945	1.34	cps
Gadolinium	160-1	8586	8566	9220	8791	4.23	cps
Gadolinium	160-2	6635	6668	6732	6678	0.74	cps
Holmium	165-1	12064000	12031612	12080795	12058802	0.21	cps
Holmium	165-2	8195355	8080958	8093711	8123341	0.77	cps
Indium	115-1	10077597	10187976	10318743	10194772	1.18	cps
Indium	115-2	3466963	3500234	3529023	3498740	0.89	cps
Iron	56-2	257457496	256936996	254711316	256368603	0.57	cps
Iron	57-2	6266162	6370127	6256870	6297720	1.00	cps
Iron	54-2	14207481	14098891	13970387	14092253	0.84	cps
Krypton	83-1	337	313	363	338	7.41	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:14:10	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	45914	47549	47750	47071	2.14	cps
Lead	207-1	42052	42259	42570	42294	0.62	cps
Lead	208-1	188189	191862	193966	191339	1.53	cps
Lithium	6-1	1439265	1482078	1537266	1486203	3.31	cps
Magnesium	24-2	6486915	6593440	6481098	6520484	0.97	cps
Manganese	55-2	6883024	6875270	6775815	6844703	0.87	cps
Molybdenum	94-1	9903	10514	10574	10330	3.59	cps
Molybdenum	95-1	2380	2320	2337	2346	1.32	cps
Molybdenum	96-1	6515	6482	6461	6486	0.42	cps
Molybdenum	97-1	1310	1283	1343	1312	2.29	cps
Molybdenum	98-1	3137	3187	3347	3224	3.40	cps
Neodymium	150-1	10507	10808	10911	10742	1.95	cps
Neodymium	150-2	6425	6025	6108	6186	3.41	cps
Nickel	60-2	354151	353173	354821	354048	0.23	cps
Phosphorus	31-2	4177	3941	4014	4044	3.00	cps
Potassium	39-2	221069	222164	221095	221443	0.28	cps
Rhodium	103-1	9988333	10121973	9908644	10006317	1.08	cps
Rhodium	103-2	6131504	6103958	6144364	6126609	0.34	cps
Scandium	45-1	7025078	7033374	7141128	7066527	0.92	cps
Scandium	45-2	657625	656778	665440	659948	0.72	cps
Selenium	82-1	4352	4528	4655	4512	3.37	cps
Selenium	77-2	450	383	347	393	13.32	cps
Selenium	78-2	1587	1777	1687	1683	5.65	cps
Silicon	28-1	7715215	7886798	7950418	7850810	1.55	cps
Silver	107-1	140041	146467	145666	144058	2.43	cps
Silver	109-1	133205	134878	138659	135581	2.06	cps
Sodium	23-2	160132	158338	158590	159020	0.61	cps
Strontium	86-1	101262	104343	105118	103574	1.97	cps
Strontium	88-1	893254	911200	904493	902982	1.00	cps
Sulfur	34-1	219204	217099	216288	217530	0.69	cps
Terbium	159-1	12244876	12405119	12279237	12309744	0.69	cps
Terbium	159-2	7974254	8028613	8082841	8028570	0.68	cps
Thallium	203-1	72056	73695	74556	73436	1.73	cps
Thallium	205-1	171497	173010	175728	173412	1.24	cps
Tin	118-1	6748	6992	6835	6858	1.80	cps
Titanium	47-1	1193809	1229525	1235250	1219528	1.84	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:14:10	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3614	3480	3701	3598	3.08	cps
Vanadium	51-2	1208408	1207519	1206886	1207604	0.06	cps
Yttrium	89-1	18314074	18518599	18608325	18480333	0.82	cps
Yttrium	89-2	4672593	4677272	4596870	4648912	0.97	cps
Zinc	66-2	167180	164225	165607	165671	0.89	cps
Zirconium	90-1	24681	25225	25435	25114	1.55	cps
Zirconium	91-1	5514	5818	5761	5698	2.83	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:17:22	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6472009	6420710	6414459	6435726	0.49	cps
Antimony	121-1	852599	866657	876806	865354	1.40	cps
Arsenic	75-2	63378	62286	63040	62901	0.89	cps
Barium	135-1	4378351	4438103	4549814	4455423	1.95	cps
Barium	137-1	7553771	7836060	7698868	7696233	1.83	cps
Beryllium	9-1	66000	66805	68119	66974	1.60	cps
Bismuth	209-1	7263825	7212836	6619257	7031972	5.10	cps
Bismuth	209-2	5579926	5600030	5454138	5544698	1.43	cps
Bromine	81-1	12719	12038	12188	12315	2.90	cps
Bromine	81-2	297	310	347	318	8.15	cps
Cadmium	108-1	7736	7505	7725	7655	1.70	cps
Cadmium	106-1	13953	13823	13163	13646	3.11	cps
Cadmium	111-1	115603	117134	118476	117071	1.23	cps
Calcium	43-1	191580	195074	195509	194054	1.11	cps
Calcium	44-1	2903545	2975015	3078027	2985529	2.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1287855	1278246	1274482	1280194	0.54	cps
Cobalt	59-2	3619102	3583393	3627396	3609964	0.65	cps
Copper	63-2	1738325	1738419	1707411	1728052	1.03	cps
Dysprosium	156-1	7999	8002	8136	8046	0.97	cps
Dysprosium	156-2	6285	6435	6315	6345	1.25	cps
Erbium	164-1	10377	10544	10331	10417	1.08	cps
Erbium	164-2	6968	6945	6942	6952	0.21	cps
Gadolinium	160-1	8666	8803	8656	8708	0.94	cps
Gadolinium	160-2	6291	6508	6261	6354	2.12	cps
Holmium	165-1	11813779	11910391	11136032	11620067	3.63	cps
Holmium	165-2	8351329	8198996	7964369	8171564	2.39	cps
Indium	115-1	10182998	10230022	9456876	9956632	4.35	cps
Indium	115-2	3487362	3485109	3442450	3471640	0.73	cps
Iron	56-2	257082943	258515516	258326996	257975152	0.30	cps
Iron	57-2	6352922	6304942	6340333	6332732	0.39	cps
Iron	54-2	14274647	14162831	14148820	14195433	0.49	cps
Krypton	83-1	300	307	353	320	9.08	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:17:22	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	134539	137322	137679	136513	1.26	cps
Lead	207-1	118979	121793	120227	120333	1.17	cps
Lead	208-1	544849	553448	553839	550712	0.92	cps
Lithium	6-1	1472864	1471182	1350919	1431655	4.88	cps
Magnesium	24-2	6429853	6502271	6463778	6465301	0.56	cps
Manganese	55-2	8093852	7977558	8057728	8043046	0.74	cps
Molybdenum	94-1	10571	10387	10531	10496	0.92	cps
Molybdenum	95-1	2417	2400	2420	2412	0.44	cps
Molybdenum	96-1	6365	6465	6482	6437	0.98	cps
Molybdenum	97-1	1333	1363	1393	1363	2.20	cps
Molybdenum	98-1	3330	3387	3310	3343	1.19	cps
Neodymium	150-1	10577	11008	10771	10785	2.00	cps
Neodymium	150-2	6285	6108	6105	6166	1.67	cps
Nickel	60-2	947181	942952	940291	943475	0.37	cps
Phosphorus	31-2	3861	3974	3971	3935	1.64	cps
Potassium	39-2	219705	220162	218414	219427	0.41	cps
Rhodium	103-1	10066917	9977017	9191176	9745037	4.94	cps
Rhodium	103-2	6116397	6145820	6028076	6096765	1.01	cps
Scandium	45-1	6950327	7006327	6573799	6843484	3.44	cps
Scandium	45-2	663454	657568	659353	660125	0.46	cps
Selenium	82-1	17827	18338	17981	18049	1.45	cps
Selenium	77-2	1773	1827	1677	1759	4.32	cps
Selenium	78-2	6091	6038	6278	6136	2.05	cps
Silicon	28-1	7387248	7430563	7605799	7474537	1.55	cps
Silver	107-1	326182	329293	344624	333366	2.96	cps
Silver	109-1	313707	364512	327078	335099	7.86	cps
Sodium	23-2	158341	160385	156253	158326	1.30	cps
Strontium	86-1	100812	104309	103286	102802	1.75	cps
Strontium	88-1	881333	898180	908125	895879	1.51	cps
Sulfur	34-1	217979	213361	213827	215056	1.18	cps
Terbium	159-1	12493634	12480076	11370337	12114682	5.32	cps
Terbium	159-2	8134872	8119757	8129596	8128075	0.09	cps
Thallium	203-1	342993	354820	349444	349086	1.70	cps
Thallium	205-1	821652	822369	843126	829049	1.47	cps
Tin	118-1	6948	6898	7259	7035	2.77	cps
Titanium	47-1	1179273	1193049	1212874	1195066	1.41	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4296-07MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:17:22	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3437	3544	3404	3462	2.11	cps
Vanadium	51-2	2537580	2523045	2518576	2526400	0.39	cps
Yttrium	89-1	18378418	18517849	16983961	17960076	4.72	cps
Yttrium	89-2	4632295	4638082	4592893	4621090	0.53	cps
Zinc	66-2	419087	422851	417935	419958	0.61	cps
Zirconium	90-1	24080	25435	25162	24892	2.88	cps
Zirconium	91-1	5474	5881	5668	5674	3.59	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:20:27	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4200009	4198266	4200595	4199623	0.03	cps
Antimony	121-1	4204	4431	4404	4346	2.85	cps
Arsenic	75-2	31624	30588	30298	30836	2.26	cps
Barium	135-1	498963	501394	502196	500851	0.34	cps
Barium	137-1	855703	868250	867116	863690	0.80	cps
Beryllium	9-1	969	971	860	933	6.83	cps
Bismuth	209-1	7366928	7282431	7302764	7317374	0.60	cps
Bismuth	209-2	5597263	5561258	5533682	5564067	0.57	cps
Bromine	81-1	11882	12372	12279	12177	2.14	cps
Bromine	81-2	433	377	407	406	6.99	cps
Cadmium	108-1	147	150	120	139	11.84	cps
Cadmium	106-1	3677	3380	3520	3526	4.21	cps
Cadmium	111-1	3291	3035	3127	3151	4.13	cps
Calcium	43-1	109189	111086	110680	110318	0.91	cps
Calcium	44-1	1708732	1742506	1702899	1718046	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	300414	295743	295804	297320	0.90	cps
Cobalt	59-2	207210	206940	205561	206570	0.43	cps
Copper	63-2	349700	345704	346083	347162	0.64	cps
Dysprosium	156-1	23410	24485	23740	23878	2.31	cps
Dysprosium	156-2	19197	19554	19207	19319	1.05	cps
Erbium	164-1	19751	20826	20595	20391	2.78	cps
Erbium	164-2	13600	13917	13723	13747	1.16	cps
Gadolinium	160-1	22014	23086	22441	22514	2.40	cps
Gadolinium	160-2	16073	16079	16046	16066	0.11	cps
Holmium	165-1	11846282	12120217	12135486	12033995	1.35	cps
Holmium	165-2	8332761	8313012	8235407	8293727	0.62	cps
Indium	115-1	10347648	10286521	10115775	10249981	1.17	cps
Indium	115-2	3501303	3421978	3426190	3449823	1.29	cps
Iron	56-2	244759250	242419650	241933623	243037507	0.62	cps
Iron	57-2	6044126	5986976	5925333	5985479	0.99	cps
Iron	54-2	13490721	13363327	13125046	13326365	1.39	cps
Krypton	83-1	373	330	350	351	6.18	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:20:27	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	81375	81908	82358	81880	0.60	cps
Lead	207-1	70756	71343	71410	71170	0.51	cps
Lead	208-1	323771	327099	327776	326215	0.66	cps
Lithium	6-1	1560301	1577744	1496157	1544734	2.78	cps
Magnesium	24-2	3945229	3837573	3826629	3869810	1.69	cps
Manganese	55-2	6745557	6721042	6616727	6694442	1.02	cps
Molybdenum	94-1	35623	37715	36783	36707	2.85	cps
Molybdenum	95-1	4174	4237	4357	4256	2.19	cps
Molybdenum	96-1	12292	12993	12666	12650	2.77	cps
Molybdenum	97-1	2707	2780	2727	2738	1.38	cps
Molybdenum	98-1	6498	6775	6812	6695	2.56	cps
Neodymium	150-1	42160	43487	42454	42700	1.63	cps
Neodymium	150-2	24081	23700	24004	23928	0.84	cps
Nickel	60-2	89347	89133	88925	89135	0.24	cps
Phosphorus	31-2	12035	11721	11738	11831	1.49	cps
Potassium	39-2	2675996	2659395	2655197	2663529	0.41	cps
Rhodium	103-1	9977052	10086919	9965577	10009849	0.67	cps
Rhodium	103-2	6089571	6016672	6020549	6042264	0.68	cps
Scandium	45-1	7042596	6963458	6937378	6981144	0.78	cps
Scandium	45-2	647036	640716	632361	640037	1.15	cps
Selenium	82-1	516	612	603	577	9.24	cps
Selenium	77-2	133	120	143	132	8.86	cps
Selenium	78-2	567	507	497	523	7.23	cps
Silicon	28-1	9901916	9914222	9855814	9890651	0.31	cps
Silver	107-1	1697	1463	1367	1509	11.24	cps
Silver	109-1	1537	1503	1197	1412	13.27	cps
Sodium	23-2	92660	92539	92251	92483	0.23	cps
Strontium	86-1	104118	105404	106186	105236	0.99	cps
Strontium	88-1	915882	923973	921011	920289	0.44	cps
Sulfur	34-1	221711	216687	218140	218846	1.18	cps
Terbium	159-1	12298691	12663321	12439650	12467221	1.47	cps
Terbium	159-2	8216928	8128882	8030134	8125315	1.15	cps
Thallium	203-1	1260	1220	1347	1276	5.08	cps
Thallium	205-1	2907	3147	2747	2934	6.86	cps
Tin	118-1	7005	7142	7225	7124	1.56	cps
Titanium	47-1	502055	508492	505271	505273	0.64	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:20:27	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10301	10865	10354	10506	2.96	cps
Vanadium	51-2	510090	502950	503021	505354	0.81	cps
Yttrium	89-1	18596001	18489174	18475529	18520235	0.36	cps
Yttrium	89-2	4632034	4581449	4578987	4597490	0.65	cps
Zinc	66-2	69852	69826	68242	69306	1.33	cps
Zirconium	90-1	93066	95310	96330	94902	1.76	cps
Zirconium	91-1	21155	21296	20785	21079	1.25	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:23:40	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4120357	4093162	4081178	4098233	0.49	cps
Antimony	121-1	4124	3887	4307	4106	5.13	cps
Arsenic	75-2	30257	29860	29927	30015	0.71	cps
Barium	135-1	499132	509657	513412	507400	1.46	cps
Barium	137-1	866825	884248	889059	880044	1.33	cps
Beryllium	9-1	912	1046	957	971	7.01	cps
Bismuth	209-1	7234126	7390508	7355314	7326649	1.12	cps
Bismuth	209-2	5745631	5594661	5614412	5651568	1.45	cps
Bromine	81-1	12569	12692	12225	12495	1.94	cps
Bromine	81-2	360	427	403	397	8.53	cps
Cadmium	108-1	130	117	143	130	10.26	cps
Cadmium	106-1	3497	3450	3227	3392	4.26	cps
Cadmium	111-1	3147	3140	2892	3060	4.75	cps
Calcium	43-1	106440	106785	108427	107217	0.99	cps
Calcium	44-1	1658950	1663483	1672568	1665001	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	291931	288593	288272	289598	0.70	cps
Cobalt	59-2	203471	200940	201646	202019	0.65	cps
Copper	63-2	337317	336674	337668	337220	0.15	cps
Dysprosium	156-1	23476	23573	23617	23555	0.30	cps
Dysprosium	156-2	19000	18826	19210	19012	1.01	cps
Erbium	164-1	19544	20375	20085	20001	2.11	cps
Erbium	164-2	13523	13256	13463	13414	1.04	cps
Gadolinium	160-1	22044	22388	22535	22322	1.13	cps
Gadolinium	160-2	15782	16193	16036	16004	1.29	cps
Holmium	165-1	12043089	12303126	12149040	12165085	1.07	cps
Holmium	165-2	8437970	8417592	8177684	8344415	1.73	cps
Indium	115-1	10298891	10305307	10322158	10308786	0.12	cps
Indium	115-2	3515890	3521694	3451528	3496371	1.11	cps
Iron	56-2	238188323	236026443	236669523	236961430	0.47	cps
Iron	57-2	5821783	5807155	5801711	5810216	0.18	cps
Iron	54-2	13119965	12940893	12902845	12987901	0.89	cps
Krypton	83-1	353	387	327	356	8.46	cps

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On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:23:40	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	80406	80400	82401	81069	1.42	cps
Lead	207-1	70445	71648	71674	71256	0.99	cps
Lead	208-1	319472	324767	325872	323371	1.06	cps
Lithium	6-1	1559637	1504256	1548130	1537341	1.90	cps
Magnesium	24-2	3769411	3756450	3764114	3763325	0.17	cps
Manganese	55-2	6785442	6730081	6679811	6731778	0.78	cps
Molybdenum	94-1	34875	36302	36168	35781	2.20	cps
Molybdenum	95-1	4344	4257	4314	4305	1.02	cps
Molybdenum	96-1	12305	12852	12529	12562	2.19	cps
Molybdenum	97-1	2640	2494	2900	2678	7.69	cps
Molybdenum	98-1	6328	6608	6852	6596	3.97	cps
Neodymium	150-1	41758	41561	41615	41645	0.24	cps
Neodymium	150-2	24054	23426	23550	23677	1.40	cps
Nickel	60-2	89334	88670	89069	89024	0.38	cps
Phosphorus	31-2	11248	11471	11147	11289	1.47	cps
Potassium	39-2	2635856	2610306	2612925	2619696	0.54	cps
Rhodium	103-1	10040249	9984193	9924101	9982847	0.58	cps
Rhodium	103-2	6164400	6137644	5992126	6098057	1.52	cps
Scandium	45-1	6815050	6933833	6910345	6886409	0.91	cps
Scandium	45-2	641967	636218	630886	636357	0.87	cps
Selenium	82-1	490	471	586	516	11.90	cps
Selenium	77-2	100	60	77	79	25.47	cps
Selenium	78-2	490	490	430	470	7.37	cps
Silicon	28-1	9450961	9614585	9566736	9544094	0.88	cps
Silver	107-1	1197	1250	1117	1188	5.65	cps
Silver	109-1	1133	997	980	1037	8.12	cps
Sodium	23-2	92174	90916	90511	91200	0.95	cps
Strontium	86-1	101862	105457	104625	103982	1.81	cps
Strontium	88-1	895781	903340	904674	901265	0.53	cps
Sulfur	34-1	218649	216471	216416	217179	0.59	cps
Terbium	159-1	12503623	12514025	12434749	12484132	0.35	cps
Terbium	159-2	8317141	8369397	8126685	8271074	1.54	cps
Thallium	203-1	1063	1083	1127	1091	2.97	cps
Thallium	205-1	2597	2810	2664	2690	4.06	cps
Tin	118-1	7032	7179	6715	6975	3.40	cps
Titanium	47-1	481034	487631	490113	486259	0.96	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66D	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:23:40	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10574	10251	10758	10528	2.44	cps
Vanadium	51-2	488749	488929	487994	488557	0.10	cps
Yttrium	89-1	18305565	18438067	18428253	18390628	0.40	cps
Yttrium	89-2	4688537	4621487	4607614	4639212	0.93	cps
Zinc	66-2	68402	67877	67050	67776	1.01	cps
Zirconium	90-1	91090	92251	91986	91775	0.66	cps
Zirconium	91-1	20154	20745	20524	20474	1.46	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:26:51	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	847131	841344	842313	843596	0.37	cps
Antimony	121-1	1027	930	883	947	7.72	cps
Arsenic	75-2	6135	6421	5965	6174	3.74	cps
Barium	135-1	95442	97007	96062	96170	0.82	cps
Barium	137-1	169962	171708	173127	171599	0.92	cps
Beryllium	9-1	169	178	202	183	9.39	cps
Bismuth	209-1	7088026	7212523	7444993	7248514	2.50	cps
Bismuth	209-2	5644048	5710625	5697826	5684166	0.62	cps
Bromine	81-1	11758	11965	11925	11883	0.92	cps
Bromine	81-2	210	163	233	202	17.62	cps
Cadmium	108-1	37	50	37	41	18.72	cps
Cadmium	106-1	3540	3440	3187	3389	5.37	cps
Cadmium	111-1	2613	2453	2385	2484	4.70	cps
Calcium	43-1	22216	22069	22851	22379	1.86	cps
Calcium	44-1	364236	372166	374591	370331	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59390	58503	58814	58902	0.76	cps
Cobalt	59-2	39786	40581	40571	40313	1.13	cps
Copper	63-2	68492	69222	68482	68732	0.62	cps
Dysprosium	156-1	4711	4928	4414	4684	5.50	cps
Dysprosium	156-2	3687	3560	3934	3727	5.10	cps
Erbium	164-1	3777	3991	3897	3888	2.75	cps
Erbium	164-2	2724	2500	2620	2615	4.28	cps
Gadolinium	160-1	4564	4294	4748	4535	5.03	cps
Gadolinium	160-2	3307	3517	3337	3387	3.35	cps
Holmium	165-1	11587578	12135468	11636665	11786570	2.57	cps
Holmium	165-2	8274714	8179571	8282912	8245732	0.70	cps
Indium	115-1	10004134	10311259	10194857	10170083	1.52	cps
Indium	115-2	3564253	3505996	3491966	3520739	1.09	cps
Iron	56-2	47344643	47453101	46713929	47170558	0.85	cps
Iron	57-2	1226017	1230292	1229813	1228707	0.19	cps
Iron	54-2	2670992	2602047	2671357	2648132	1.51	cps
Krypton	83-1	270	353	377	333	16.82	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:26:51	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15936	16233	16120	16096	0.93	cps
Lead	207-1	14561	14578	14748	14629	0.71	cps
Lead	208-1	64981	65763	66057	65600	0.85	cps
Lithium	6-1	1481553	1503260	1586240	1523684	3.63	cps
Magnesium	24-2	783414	788048	785036	785499	0.30	cps
Manganese	55-2	1344864	1339401	1309323	1331196	1.44	cps
Molybdenum	94-1	7125	7459	7602	7395	3.31	cps
Molybdenum	95-1	967	987	923	959	3.38	cps
Molybdenum	96-1	2520	2750	2690	2654	4.50	cps
Molybdenum	97-1	497	537	627	553	12.03	cps
Molybdenum	98-1	1480	1367	1397	1415	4.15	cps
Neodymium	150-1	7976	8313	8102	8130	2.09	cps
Neodymium	150-2	4834	4667	4631	4711	2.30	cps
Nickel	60-2	17884	17978	16956	17606	3.21	cps
Phosphorus	31-2	2287	2417	2777	2494	10.18	cps
Potassium	39-2	621093	623526	624543	623054	0.28	cps
Rhodium	103-1	10029143	10265000	10092919	10129021	1.20	cps
Rhodium	103-2	6221036	6165523	6147557	6178039	0.62	cps
Scandium	45-1	6542926	6631789	6655711	6610142	0.90	cps
Scandium	45-2	622365	618006	622253	620875	0.40	cps
Selenium	82-1	557	503	454	505	10.20	cps
Selenium	77-2	27	17	17	20	28.86	cps
Selenium	78-2	400	413	437	417	4.45	cps
Silicon	28-1	2206633	2237496	2300437	2248188	2.13	cps
Silver	107-1	397	317	333	349	12.10	cps
Silver	109-1	353	267	270	297	16.55	cps
Sodium	23-2	55366	54791	54419	54858	0.87	cps
Strontium	86-1	20658	21255	21162	21025	1.53	cps
Strontium	88-1	173423	176893	179704	176673	1.78	cps
Sulfur	34-1	215548	217177	219077	217267	0.81	cps
Terbium	159-1	12849270	12969424	12907366	12908686	0.47	cps
Terbium	159-2	8265598	8193344	8249769	8236237	0.46	cps
Thallium	203-1	327	333	377	346	7.86	cps
Thallium	205-1	957	737	840	844	13.03	cps
Tin	118-1	3314	3260	3087	3220	3.68	cps
Titanium	47-1	95046	98404	96824	96758	1.74	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-14LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA66L	Dilution Factor :	20
Date & Time Acquired :	2024-10-24 18:26:51	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2064	2030	2070	2055	1.04	cps
Vanadium	51-2	97603	97029	97361	97331	0.30	cps
Yttrium	89-1	17745102	17972873	17836931	17851635	0.64	cps
Yttrium	89-2	4527114	4458467	4547019	4510867	1.03	cps
Zinc	66-2	14724	14717	14781	14741	0.24	cps
Zirconium	90-1	17504	18685	18662	18284	3.69	cps
Zirconium	91-1	4177	4451	4114	4247	4.21	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:30:08	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4271463	4260037	4247604	4259701	0.28	cps
Antimony	121-1	180961	185191	183267	183140	1.16	cps
Arsenic	75-2	34874	34757	34473	34702	0.59	cps
Barium	135-1	1370319	1381630	1391148	1381032	0.76	cps
Barium	137-1	2479397	2547201	2477039	2501212	1.59	cps
Beryllium	9-1	15410	15745	16107	15754	2.21	cps
Bismuth	209-1	7200973	7306094	7307322	7271463	0.84	cps
Bismuth	209-2	5715204	5665776	5653101	5678027	0.58	cps
Bromine	81-1	12756	12439	12856	12683	1.72	cps
Bromine	81-2	337	330	427	364	14.81	cps
Cadmium	108-1	1547	1600	1717	1621	5.36	cps
Cadmium	106-1	5918	5755	5421	5698	4.44	cps
Cadmium	111-1	27220	26798	27040	27019	0.78	cps
Calcium	43-1	108591	109774	110619	109661	0.93	cps
Calcium	44-1	1674155	1696080	1710925	1693720	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481187	476283	478047	478506	0.52	cps
Cobalt	59-2	904037	894108	894481	897542	0.63	cps
Copper	63-2	573497	574010	574697	574068	0.10	cps
Dysprosium	156-1	24007	23971	24331	24103	0.82	cps
Dysprosium	156-2	19630	19510	19207	19449	1.12	cps
Erbium	164-1	20168	20268	20425	20287	0.64	cps
Erbium	164-2	13580	13433	13947	13653	1.94	cps
Gadolinium	160-1	22124	22612	22956	22564	1.85	cps
Gadolinium	160-2	16436	16260	16300	16332	0.57	cps
Holmium	165-1	12194086	12143512	12153043	12163547	0.22	cps
Holmium	165-2	8359926	8294082	8080901	8244970	1.77	cps
Indium	115-1	10339239	10194311	10380081	10304544	0.95	cps
Indium	115-2	3516402	3482677	3457528	3485536	0.85	cps
Iron	56-2	242779043	243029870	241389743	242399552	0.36	cps
Iron	57-2	5917053	5919905	5917682	5918214	0.03	cps
Iron	54-2	13358839	13383408	13182931	13308393	0.82	cps
Krypton	83-1	343	363	387	364	5.95	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:30:08	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	104320	107371	106739	106143	1.52	cps
Lead	207-1	91754	92804	94483	93014	1.48	cps
Lead	208-1	417446	423030	427594	422690	1.20	cps
Lithium	6-1	1595850	1553830	1636178	1595286	2.58	cps
Magnesium	24-2	3823688	3827995	3811690	3821124	0.22	cps
Manganese	55-2	7105289	7056893	6983207	7048463	0.87	cps
Molybdenum	94-1	35967	36786	35353	36035	2.00	cps
Molybdenum	95-1	4234	4431	4151	4272	3.37	cps
Molybdenum	96-1	12469	12402	12809	12560	1.74	cps
Molybdenum	97-1	2480	2714	2490	2561	5.15	cps
Molybdenum	98-1	6808	6411	6982	6734	4.34	cps
Neodymium	150-1	41845	41905	43189	42313	1.79	cps
Neodymium	150-2	23440	23797	24381	23872	1.99	cps
Nickel	60-2	266928	266468	264956	266117	0.39	cps
Phosphorus	31-2	11478	11438	11725	11547	1.35	cps
Potassium	39-2	2655197	2634088	2647639	2645641	0.40	cps
Rhodium	103-1	9800883	9924592	9792619	9839365	0.75	cps
Rhodium	103-2	6137381	6056341	6049744	6081155	0.80	cps
Scandium	45-1	6823907	6990169	6953032	6922369	1.26	cps
Scandium	45-2	634691	635922	631384	633999	0.37	cps
Selenium	82-1	3956	3931	4221	4036	3.99	cps
Selenium	77-2	520	437	440	466	10.13	cps
Selenium	78-2	1513	1487	1600	1533	3.86	cps
Silicon	28-1	10039902	10166037	10197260	10134400	0.82	cps
Silver	107-1	101452	102854	102918	102408	0.81	cps
Silver	109-1	94146	97569	98267	96661	2.28	cps
Sodium	23-2	88258	88901	88261	88473	0.42	cps
Strontium	86-1	103239	105800	106565	105201	1.66	cps
Strontium	88-1	907221	910685	916749	911552	0.53	cps
Sulfur	34-1	220505	218908	214030	217814	1.55	cps
Terbium	159-1	12393609	12534249	12736889	12554916	1.37	cps
Terbium	159-2	8303584	8232607	8305311	8280500	0.50	cps
Thallium	203-1	73061	73969	74247	73759	0.84	cps
Thallium	205-1	175856	175059	177460	176125	0.69	cps
Tin	118-1	6998	7362	6918	7093	3.33	cps
Titanium	47-1	495893	505977	505422	502431	1.13	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	P4297-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA66S	Dilution Factor :	4
Date & Time Acquired :	2024-10-24 18:30:08	DataFile Name :	118SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10604	10401	10254	10420	1.69	cps
Vanadium	51-2	898198	894829	899075	897367	0.25	cps
Yttrium	89-1	18301978	18476736	18152798	18310504	0.89	cps
Yttrium	89-2	4606081	4577618	4586568	4590089	0.32	cps
Zinc	66-2	144555	143599	143451	143868	0.42	cps
Zirconium	90-1	91067	94357	94730	93384	2.16	cps
Zirconium	91-1	20882	20678	21059	20873	0.91	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:49:53	DataFile Name :	124CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15406384	15226476	15130374	15254411	0.92	cps
Antimony	121-1	5671916	5734561	5718931	5708469	0.57	cps
Arsenic	75-2	327004	327108	323666	325926	0.60	cps
Barium	135-1	7470269	7626034	7706367	7600890	1.58	cps
Barium	137-1	12914893	13129102	13101759	13048585	0.89	cps
Beryllium	9-1	1100646	1110036	1101117	1103933	0.48	cps
Bismuth	209-1	6712494	6772121	6944507	6809707	1.77	cps
Bismuth	209-2	5315863	5281815	5323689	5307122	0.42	cps
Bromine	81-1	11158	11194	11344	11232	0.88	cps
Bromine	81-2	103	70	100	91	20.15	cps
Cadmium	108-1	107276	108254	109802	108444	1.17	cps
Cadmium	106-1	157130	158487	159037	158218	0.62	cps
Cadmium	111-1	1452043	1474306	1485366	1470572	1.15	cps
Calcium	43-1	9245699	9167272	9234150	9215707	0.46	cps
Calcium	44-1	147433148	146887948	147120748	147147281	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2782738	2772022	2758188	2770983	0.44	cps
Cobalt	59-2	4465303	4511544	4447185	4474677	0.74	cps
Copper	63-2	31035995	30821940	30682217	30846717	0.58	cps
Dysprosium	156-1	290	257	327	291	12.03	cps
Dysprosium	156-2	480	393	453	442	10.04	cps
Erbium	164-1	340	353	320	338	4.97	cps
Erbium	164-2	227	250	203	227	10.29	cps
Gadolinium	160-1	257	263	267	262	1.94	cps
Gadolinium	160-2	377	390	460	409	10.95	cps
Holmium	165-1	12064344	12002999	11927909	11998417	0.57	cps
Holmium	165-2	8255499	8191848	8084961	8177436	1.05	cps
Indium	115-1	9595536	9635720	9547249	9592835	0.46	cps
Indium	115-2	3289478	3223690	3225320	3246163	1.16	cps
Iron	56-2	595386924	590935845	583020751	589781173	1.06	cps
Iron	57-2	14666174	14602614	14562178	14610322	0.36	cps
Iron	54-2	32535604	32454031	32447866	32479167	0.15	cps
Krypton	83-1	383	347	317	349	9.57	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:49:53	DataFile Name :	124CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20169499	20647043	20575372	20463971	1.26	cps
Lead	207-1	18032448	18230827	18440371	18234549	1.12	cps
Lead	208-1	81399017	83100553	83365450	82621673	1.29	cps
Lithium	6-1	1661763	1659459	1632771	1651331	0.98	cps
Magnesium	24-2	128922198	127235031	127305438	127820889	0.75	cps
Manganese	55-2	19900899	19786168	19624666	19770578	0.70	cps
Molybdenum	94-1	23785015	24034968	23901013	23906999	0.52	cps
Molybdenum	95-1	35047144	35102199	35143554	35097632	0.14	cps
Molybdenum	96-1	38231394	37888514	38118037	38079315	0.46	cps
Molybdenum	97-1	21831685	21481256	21753286	21688742	0.85	cps
Molybdenum	98-1	55286558	54829098	55679608	55265088	0.77	cps
Neodymium	150-1	410	380	467	419	10.51	cps
Neodymium	150-2	140	117	147	134	11.72	cps
Nickel	60-2	1114319	1108044	1106510	1109624	0.37	cps
Phosphorus	31-2	167266	164671	163600	165179	1.14	cps
Potassium	39-2	80653119	80041317	80196170	80296869	0.40	cps
Rhodium	103-1	9200212	9090801	9062747	9117920	0.80	cps
Rhodium	103-2	5631313	5480637	5457232	5523061	1.71	cps
Scandium	45-1	6705573	6510610	6486800	6567661	1.83	cps
Scandium	45-2	589737	586387	585891	587338	0.36	cps
Selenium	82-1	94928	95393	95167	95163	0.24	cps
Selenium	77-2	9240	8876	9266	9127	2.39	cps
Selenium	78-2	30979	30261	30812	30684	1.22	cps
Silicon	28-1	27309096	27145166	27338573	27264278	0.38	cps
Silver	107-1	7279183	7322758	7328931	7310291	0.37	cps
Silver	109-1	6840853	6832407	6828600	6833953	0.09	cps
Sodium	23-2	219245317	217365557	217819790	218143555	0.45	cps
Strontium	86-1	50244044	50686518	50768043	50566201	0.56	cps
Strontium	88-1	439067713	444907473	444097500	442690896	0.71	cps
Sulfur	34-1	839537	838197	836074	837936	0.21	cps
Terbium	159-1	12246415	12248631	12173955	12223001	0.35	cps
Terbium	159-2	7986666	8165141	8160052	8103953	1.25	cps
Thallium	203-1	5049744	5152068	5130537	5110783	1.06	cps
Thallium	205-1	12179821	12375059	12304671	12286517	0.80	cps
Tin	118-1	4860684	4930383	4788429	4859832	1.46	cps
Titanium	47-1	9660805	9751551	9665013	9692456	0.53	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCV011	Instrumnet Name :	P7
Client Sample ID :	CCV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:49:53	DataFile Name :	124CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16474975	16731510	16839281	16681922	1.12	cps
Vanadium	51-2	2501301	2498635	2457067	2485668	1.00	cps
Yttrium	89-1	17787552	17465701	17219656	17490970	1.63	cps
Yttrium	89-2	4282144	4270602	4285127	4279291	0.18	cps
Zinc	66-2	4713294	4669802	4651927	4678341	0.67	cps
Zirconium	90-1	10830873	11098793	11071697	11000455	1.34	cps
Zirconium	91-1	2432507	2469164	2462591	2454754	0.80	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:52:38	DataFile Name :	125CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1243	1320	1240	1268	3.57	cps
Antimony	121-1	4574	4611	4621	4602	0.53	cps
Arsenic	75-2	47	30	17	31	48.31	cps
Barium	135-1	563	413	390	456	20.65	cps
Barium	137-1	937	803	697	812	14.81	cps
Beryllium	9-1	150	84	99	111	31.30	cps
Bismuth	209-1	7267862	7532862	7215728	7338818	2.32	cps
Bismuth	209-2	5659136	5697556	5626670	5661121	0.63	cps
Bromine	81-1	11348	11591	11011	11317	2.58	cps
Bromine	81-2	103	153	187	148	28.38	cps
Cadmium	108-1	20	17	53	30	67.58	cps
Cadmium	106-1	3324	3237	3117	3226	3.22	cps
Cadmium	111-1	2463	2361	2251	2358	4.48	cps
Calcium	43-1	1143	833	783	920	21.20	cps
Calcium	44-1	34524	30729	29730	31661	7.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1423	1643	1687	1585	8.91	cps
Cobalt	59-2	253	253	297	268	9.34	cps
Copper	63-2	3247	3424	3430	3367	3.09	cps
Dysprosium	156-1	10	0	20	10	100.00	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	80	87	90	86	5.95	cps
Erbium	164-2	60	33	27	40	44.09	cps
Gadolinium	160-1	37	50	80	56	39.95	cps
Gadolinium	160-2	257	293	263	271	7.20	cps
Holmium	165-1	11768333	11949698	11790408	11836146	0.84	cps
Holmium	165-2	8068682	8124327	8053126	8082045	0.46	cps
Indium	115-1	9780935	9961660	9853807	9865467	0.92	cps
Indium	115-2	3488762	3401911	3402213	3430962	1.46	cps
Iron	56-2	45278	45809	49919	47002	5.40	cps
Iron	57-2	2597	2497	2867	2654	7.21	cps
Iron	54-2	4017	4134	4064	4072	1.44	cps
Krypton	83-1	300	360	280	313	13.29	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:52:38	DataFile Name :	125CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2114	1730	1473	1772	18.18	cps
Lead	207-1	1843	1397	1407	1549	16.47	cps
Lead	208-1	8331	6541	6094	6989	16.94	cps
Lithium	6-1	1640924	1638942	1640496	1640121	0.06	cps
Magnesium	24-2	5504	5784	6405	5898	7.81	cps
Manganese	55-2	1187	1243	1403	1278	8.79	cps
Molybdenum	94-1	4401	3520	3350	3757	15.00	cps
Molybdenum	95-1	3387	2704	2524	2871	15.87	cps
Molybdenum	96-1	4031	3064	2940	3345	17.85	cps
Molybdenum	97-1	2240	1537	1533	1770	23.00	cps
Molybdenum	98-1	5584	4171	3767	4507	21.17	cps
Neodymium	150-1	10	7	13	10	33.30	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	303	320	287	303	5.50	cps
Phosphorus	31-2	183	167	170	173	5.09	cps
Potassium	39-2	85921	87181	86926	86676	0.77	cps
Rhodium	103-1	9463457	9634609	9537076	9545047	0.90	cps
Rhodium	103-2	5995898	5963581	6005162	5988214	0.36	cps
Scandium	45-1	6244540	6329185	6307239	6293655	0.70	cps
Scandium	45-2	582298	577790	581354	580481	0.41	cps
Selenium	82-1	430	415	490	445	8.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	377	387	433	399	7.58	cps
Silicon	28-1	335979	336422	338529	336977	0.40	cps
Silver	107-1	1077	897	737	903	18.83	cps
Silver	109-1	970	740	570	760	26.41	cps
Sodium	23-2	54844	54887	55068	54933	0.22	cps
Strontium	86-1	3837	2787	2444	3023	24.02	cps
Strontium	88-1	28889	19610	16599	21700	29.52	cps
Sulfur	34-1	269795	270084	266706	268862	0.70	cps
Terbium	159-1	11933328	11873260	12129604	11978731	1.12	cps
Terbium	159-2	8093713	8120564	8160897	8125058	0.42	cps
Thallium	203-1	923	847	690	820	14.50	cps
Thallium	205-1	2157	1793	1833	1928	10.34	cps
Tin	118-1	3230	3114	3120	3155	2.08	cps
Titanium	47-1	890	740	663	764	15.08	cps

Reviewed By:Mohan
On:10/25/2024 6:28:50 AM
Inst Id :P7

LB Number :	LB133117	Operator :	Jaswal
Lab Sample ID :	CCB011	Instrumnet Name :	P7
Client Sample ID :	CCB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-24 18:52:38	DataFile Name :	125CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1083	763	617	821	29.06	cps
Vanadium	51-2	140	137	153	143	6.15	cps
Yttrium	89-1	16924801	16995959	17233806	17051522	0.95	cps
Yttrium	89-2	4422863	4355389	4366931	4381728	0.82	cps
Zinc	66-2	1243	1270	1263	1259	1.10	cps
Zirconium	90-1	7172	5491	4848	5837	20.56	cps
Zirconium	91-1	1620	1133	1043	1266	24.51	cps

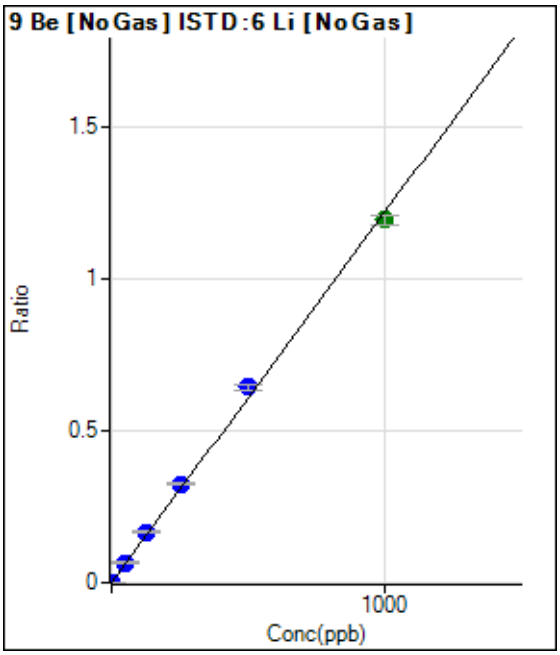
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

Calibration for 024LCSE.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102524-MS2.b\
Analysis File: P7102524-MS2.batch.bin
DA Date-Time: 2024-10-25 17:14:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-25 14:34:05
2	005CALS.d	S02	2024-10-25 14:37:23
3	006CALS.d	S03	2024-10-25 14:40:43
4	007CALS.d	S04	2024-10-25 14:43:45
5	008CALS.d	S05	2024-10-25 14:46:38
6	009CALS.d	S06	2024-10-25 14:49:25
7	010CALS.d	S07	2024-10-25 14:52:13
8	011CALS.d	S08	2024-10-25 14:54:59

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.06	0.0000	P	37.9
2	☐	1.000	1.079	2115.29	0.0013	P	8.6
3	☐	50.000	53.997	105786.45	0.0658	P	3.9
4	☐	125.000	137.179	273391.96	0.1671	P	1.3
5	☐	250.000	266.788	539855.52	0.3250	P	2.7
6	☐	500.000	527.930	1066466.71	0.6431	P	2.3
7	☐	1000.000	980.116	1993595.02	1.1939	A	2.6
8	☐			242.31	0.0002	P	24.5

y = 0.0012 * x + 1.7856E-005

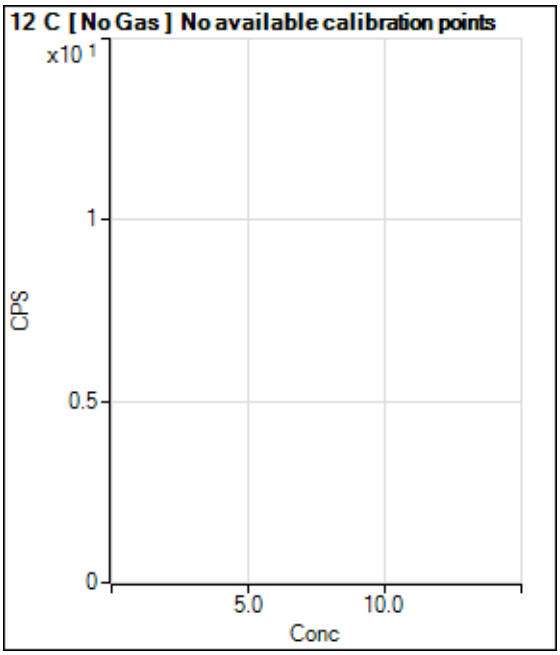
R = 0.9992

DL = 0.01667

BEC = 0.01466

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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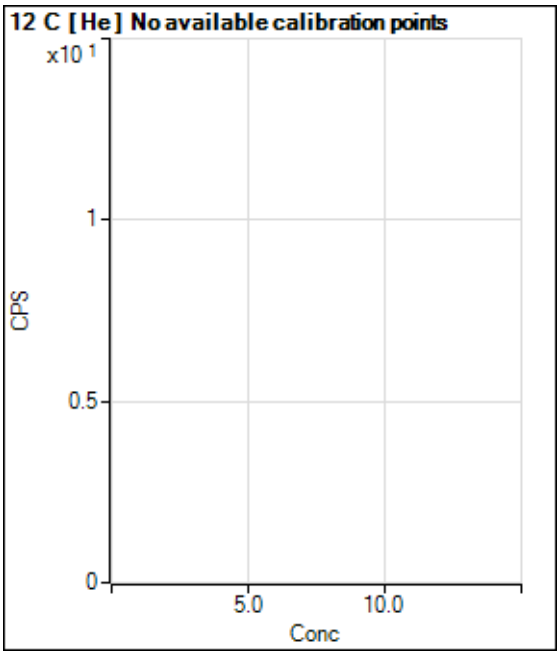
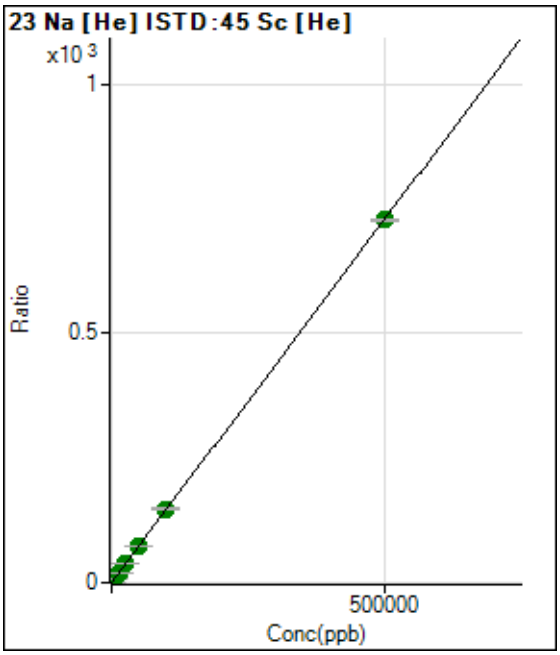


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47153.02	0.0824	P	1.2
2	☐	500.000	514.227	462439.36	0.8317	P	0.3
3	☐	5000.000	5058.634	4188546.82	7.4534	A	0.7
4	☐	12500.000	12979.864	10376338.73	18.9955	A	0.5
5	☐	25000.000	25573.570	20012889.98	37.3459	A	0.4
6	☐	50000.000	50856.692	39240768.86	74.1863	A	0.5
7	☐	100000.00	101637.05	81496051.01	148.1789	A	0.6
8	☐	500000.00	499545.64	400904291.80	727.9763	A	0.2

y = 0.0015 * x + 0.0824
R = 1.0000
DL = 1.973
BEC = 56.53

Weight: <None>
Min Conc: 0

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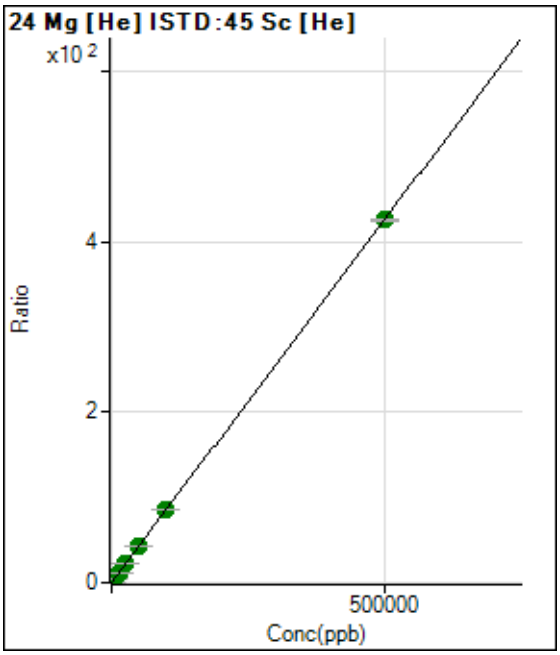
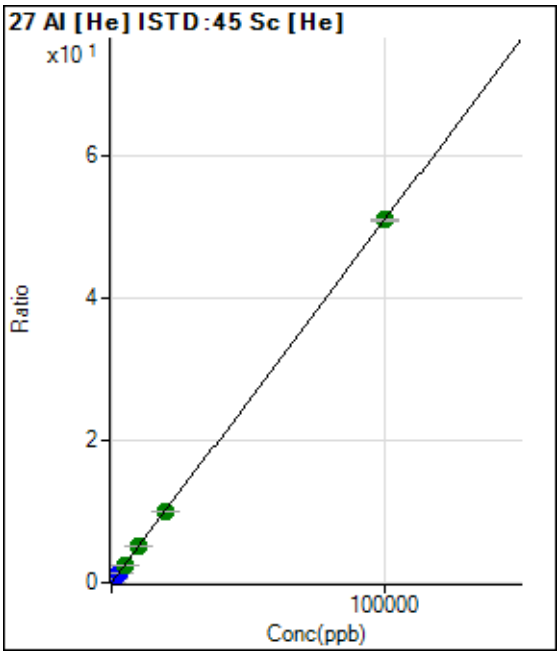
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1677.89	0.0029	P	5.3
2	☐	500.000	555.071	264139.50	0.4750	P	0.3
3	☐	5000.000	5034.633	2408016.58	4.2850	A	0.9
4	☐	12500.000	12844.981	5969427.41	10.9279	A	0.9
5	☐	25000.000	25321.313	11542435.25	21.5393	A	0.6
6	☐	50000.000	50342.985	22649972.16	42.8207	A	0.2
7	☐	100000.00	99825.312	46696397.08	84.9065	A	0.6
8	☐	500000.00	499975.54	234184898.73	425.2431	A	0.2

y = 8.5052E-004 * x + 0.0029
R = 1.0000
DL = 0.5484
BEC = 3.446

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12197.17	0.0213	P	2.8
2	☐	20.000	-17.432	6902.72	0.0124	P	2.4
3	☐	1000.000	1022.232	305093.68	0.5429	P	1.2
4	☐	2500.000	2623.796	742953.02	1.3601	P	0.4
5	☐	5000.000	4939.826	1362142.77	2.5418	A	1.2
6	☐	10000.000	9843.318	2667911.45	5.0438	A	0.6
7	☐	20000.000	19668.164	5530946.10	10.0569	A	0.8
8	☐	100000.00	100081.73	28134383.75	51.0874	A	0.3

y = 5.1024E-004 * x + 0.0213
R = 1.0000
DL = 3.486
BEC = 41.76

Weight: <None>
Min Conc: 0

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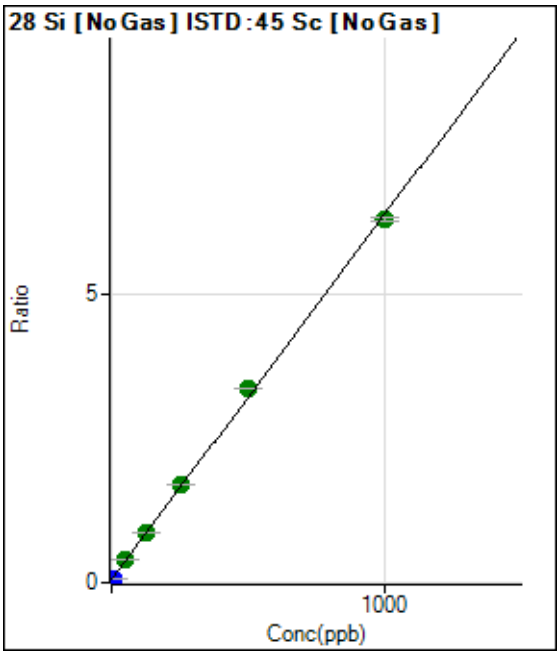
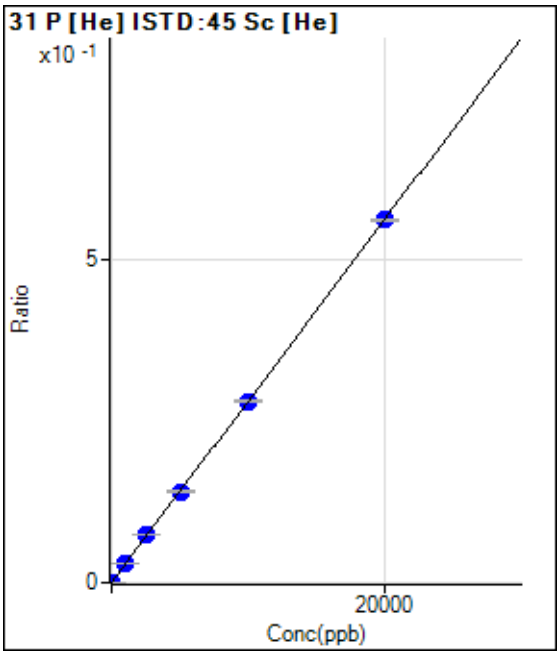


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	353838.30	0.0551	P	1.0
2	☐	10.000	2.042	415112.11	0.0681	P	1.2
3	☐	50.000	56.924	2575093.54	0.4158	A	0.7
4	☐	125.000	128.079	5314361.80	0.8666	A	1.4
5	☐	250.000	259.761	10263857.83	1.7009	A	1.7
6	☐	500.000	522.879	19988267.34	3.3680	A	0.7
7	☐	1000.000	985.469	38686156.37	6.2989	A	1.0
8	☐			425290.33	0.0693	P	2.6

y = 0.0063 * x + 0.0551
R = 0.9995
DL = 0.2561
BEC = 8.703

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.469	178.89	0.0003	P	19.7
2	☐	0.000	14.469	625.58	0.0011	P	7.0
3	☐	1000.000	996.267	16121.91	0.0287	P	0.9
4	☐	2500.000	2584.138	40021.05	0.0733	P	0.2
5	☐	5000.000	5006.692	75704.61	0.1413	P	1.0
6	☐	10000.000	9994.108	148788.00	0.2813	P	0.5
7	☐	20000.000	19990.943	309049.08	0.5619	P	0.3
8	☐			264.45	0.0005	P	9.5

y = 2.8074E-005 * x + 7.1870E-004
R = 1.0000
DL = 7.477
BEC = 25.6

Weight: <None>
Min Conc: 0

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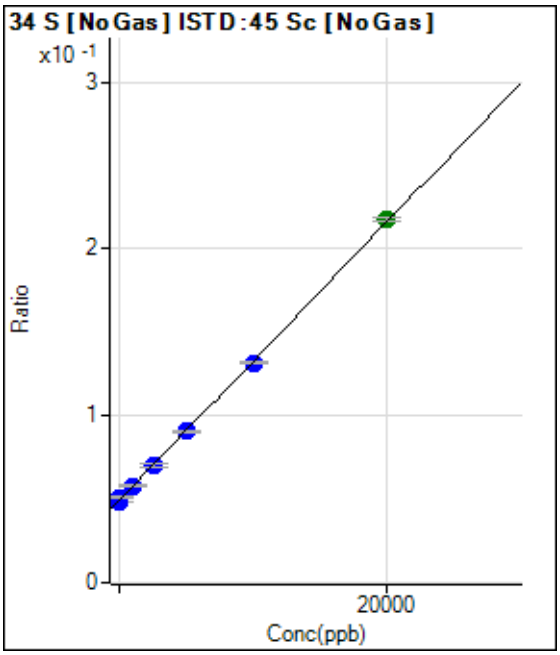


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-151.608	309700.91	0.0483	P	1.1
2	☐	0.000	151.608	309684.05	0.0508	P	1.9
3	☐	1000.000	1006.753	358678.81	0.0579	P	1.7
4	☐	2500.000	2485.948	430919.70	0.0703	P	1.9
5	☐	5000.000	4921.167	546713.51	0.0906	P	0.6
6	☐	10000.000	9827.218	780639.74	0.1315	P	0.9
7	☐	20000.000	20107.518	1334919.81	0.2173	A	1.2
8	☐			259242.33	0.0422	P	1.1

y = 8.3462E-006 * x + 0.0495

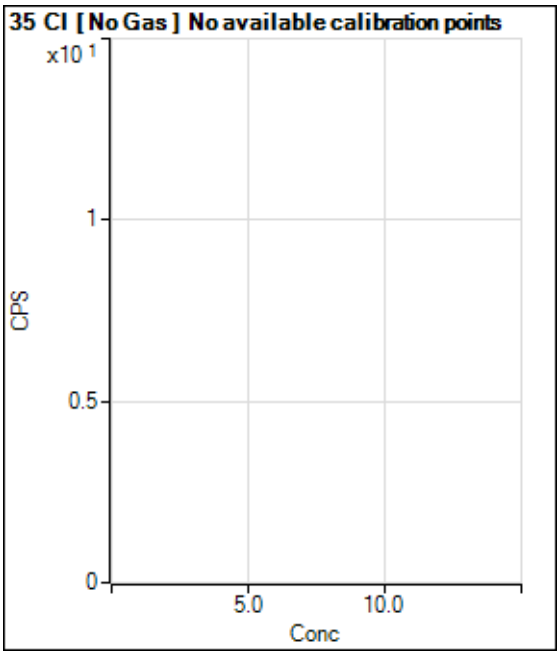
R = 0.9999

DL = 267.2

BEC = 5934

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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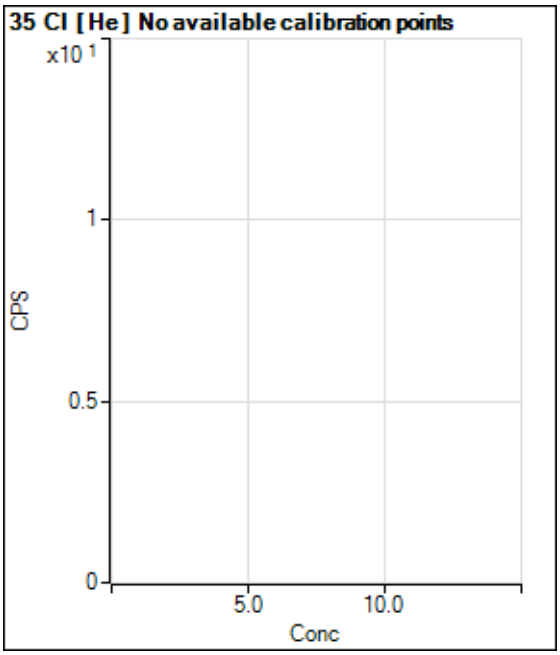

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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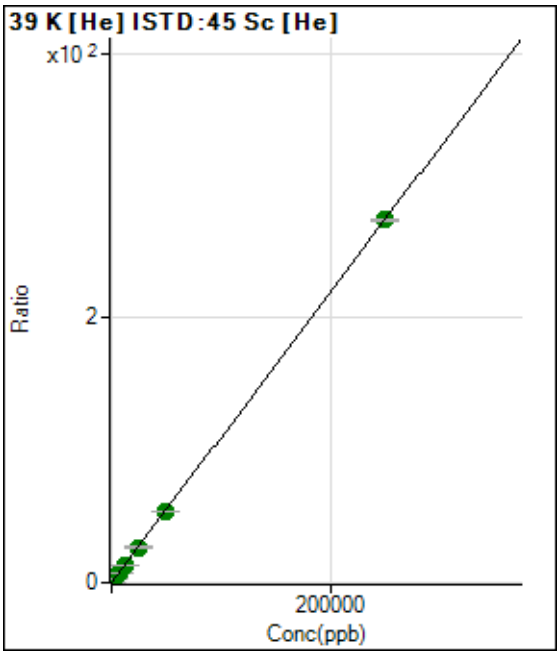
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81086.66	0.1417	P	0.7
2	☐	500.000	518.921	394703.42	0.7099	P	0.7
3	☐	2500.000	2447.742	1585775.32	2.8218	A	0.6
4	☐	6250.000	6233.085	3805528.56	6.9666	A	0.8
5	☐	12500.000	12242.681	7259482.95	13.5468	A	0.2
6	☐	25000.000	24416.616	14216358.54	26.8766	A	0.6
7	☐	50000.000	48765.809	29444281.23	53.5377	A	0.9
8	☐	250000.00	250318.95	151019046.64	274.2278	A	0.4

y = 0.0011 * x + 0.1417
R = 1.0000
DL = 2.821
BEC = 129.4

Weight: <None>
Min Conc: 0

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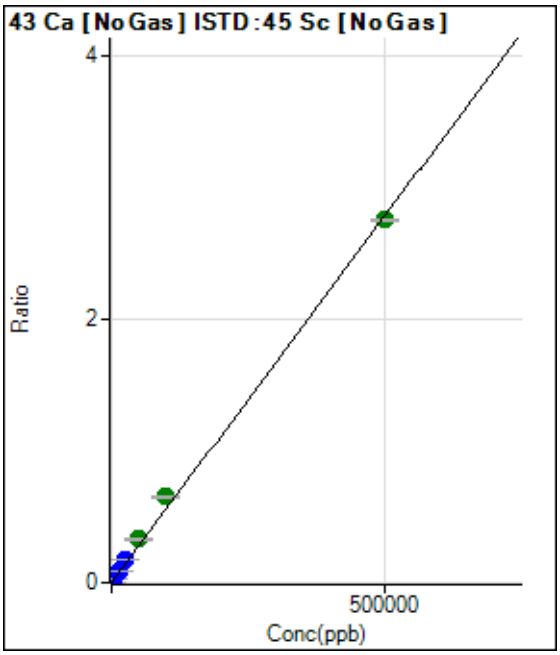
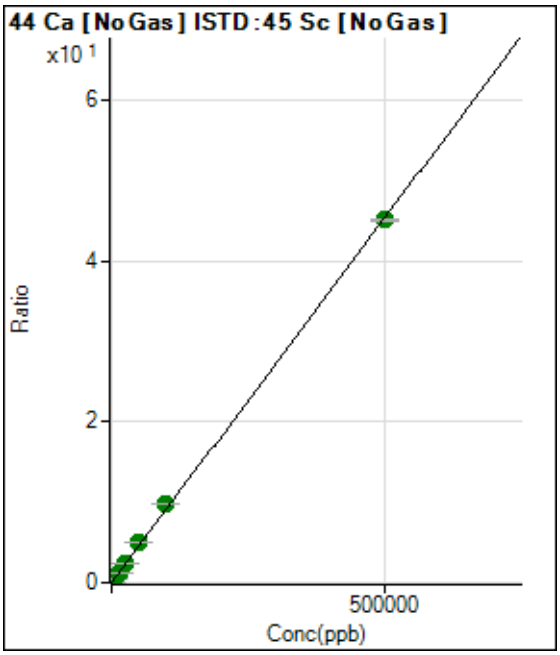


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1484.53	0.0002	P	2.8
2	☐	500.000	498.671	18346.76	0.0030	P	1.7
3	☐	5000.000	6207.843	215559.36	0.0348	P	0.6
4	☐	12500.000	15875.805	543678.74	0.0887	P	1.5
5	☐	25000.000	31234.652	1051137.68	0.1742	P	1.9
6	☐	50000.000	59081.756	1954193.31	0.3293	A	1.0
7	☐	100000.00	117415.97	4018008.55	0.6542	A	1.8
8	☐	500000.00	495200.42	16932079.75	2.7583	A	0.8

y = 5.5697E-006 * x + 2.3129E-004
R = 0.9993
DL = 3.532
BEC = 41.53

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	39632.92	0.0062	P	1.6
2	☐	500.000	504.400	316588.03	0.0519	P	0.2
3	☐	5000.000	5394.367	3067112.90	0.4953	A	0.0
4	☐	12500.000	13776.511	7697794.81	1.2553	A	0.9
5	☐	25000.000	27222.655	14931121.58	2.4744	A	1.9
6	☐	50000.000	54355.076	29284592.62	4.9345	A	0.8
7	☐	100000.00	108115.22	60245065.77	9.8089	A	1.5
8	☐	500000.00	497794.45	277098862.54	45.1409	A	0.5

y = 9.0669E-005 * x + 0.0062
R = 0.9998
DL = 3.327
BEC = 68.12

Weight: <None>
Min Conc: 0

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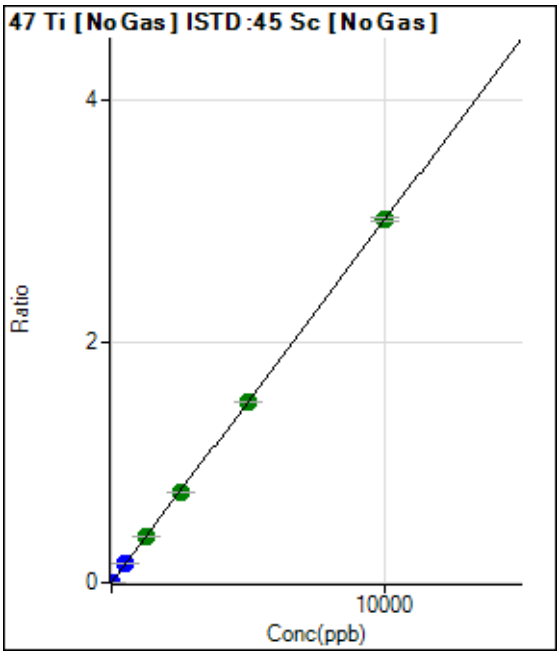
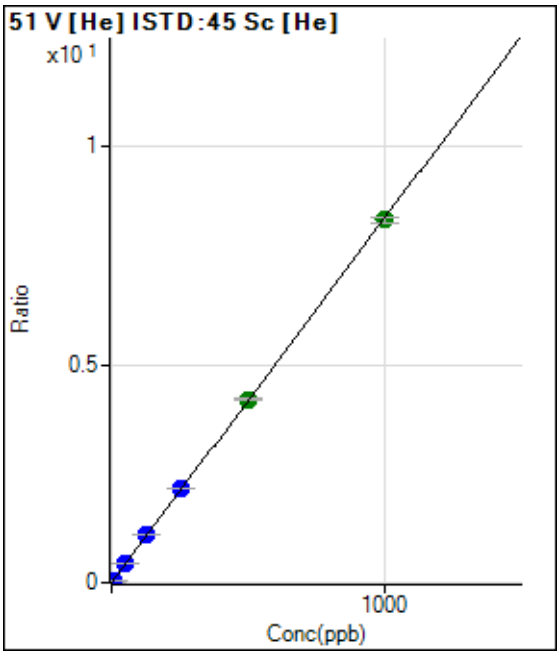


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	348.01	0.0001	P	80.6
2	☐	5.000	4.446	8478.01	0.0014	P	2.1
3	☐	500.000	513.045	955407.14	0.1543	P	0.7
4	☐	1250.000	1269.282	2340251.30	0.3816	A	0.3
5	☐	2500.000	2493.015	4522453.89	0.7495	A	1.8
6	☐	5000.000	4985.660	8894622.92	1.4988	A	1.0
7	☐	10000.000	10005.854	18473975.97	3.0079	A	1.2
8	☐			2305.76	0.0004	P	3.3

y = 3.0061E-004 * x + 5.4054E-005
R = 1.0000
DL = 0.4349
BEC = 0.1798

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.8
2	☐	5.000	5.064	23556.22	0.0424	P	0.2
3	☐	50.000	50.991	239513.68	0.4262	P	1.3
4	☐	125.000	131.913	602266.04	1.1025	P	0.4
5	☐	250.000	259.615	1162782.27	2.1699	P	0.7
6	☐	500.000	502.068	2219607.03	4.1962	A	0.8
7	☐	1000.000	995.648	4576351.91	8.3215	A	1.3
8	☐			886.70	0.0016	P	3.9

y = 0.0084 * x + 3.8816E-005
R = 0.9999
DL = 0.003176
BEC = 0.004644

Weight: <None>
Min Conc: 0

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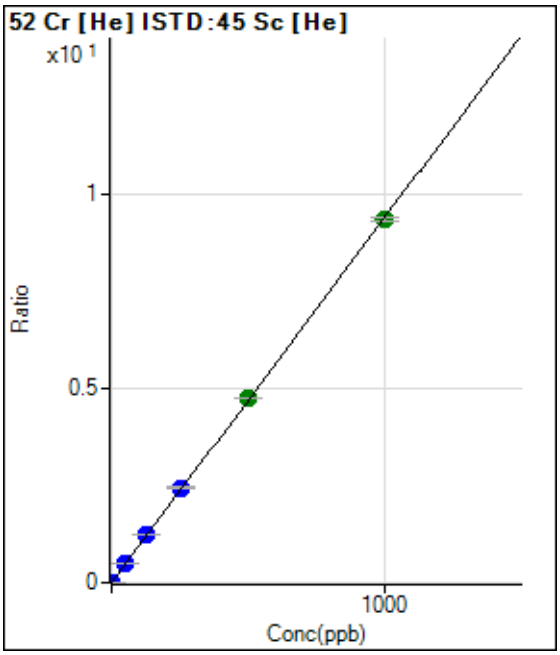
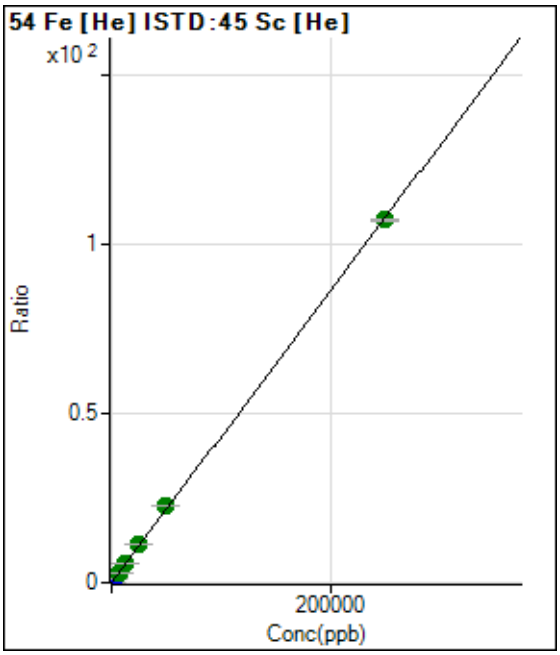


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1177.84	0.0021	P	4.9
2	☐	2.000	2.114	12187.24	0.0219	P	1.6
3	☐	50.000	51.708	274172.94	0.4879	P	1.1
4	☐	125.000	132.691	682152.97	1.2488	P	0.6
5	☐	250.000	260.156	1310987.66	2.4464	P	0.5
6	☐	500.000	504.154	2506667.88	4.7390	A	0.2
7	☐	1000.000	994.337	5139065.41	9.3446	A	1.0
8	☐			16952.99	0.0308	P	1.2

y = 0.0094 * x + 0.0021
R = 0.9999
DL = 0.03251
BEC = 0.219

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2599.14	0.0045	P	8.6
2	☐	50.000	57.284	16218.83	0.0292	P	1.1
3	☐	2500.000	2817.103	683155.56	1.2156	P	0.8
4	☐	6250.000	6752.455	1588208.29	2.9074	A	1.2
5	☐	12500.000	13463.158	3103943.84	5.7924	A	1.2
6	☐	25000.000	26758.382	6087167.27	11.5081	A	0.6
7	☐	50000.000	52931.116	12517043.42	22.7599	A	0.5
8	☐	250000.00	249174.04	58995053.56	107.1255	A	0.7

y = 4.2990E-004 * x + 0.0045
R = 0.9999
DL = 2.718
BEC = 10.56

Weight: <None>
Min Conc: 0

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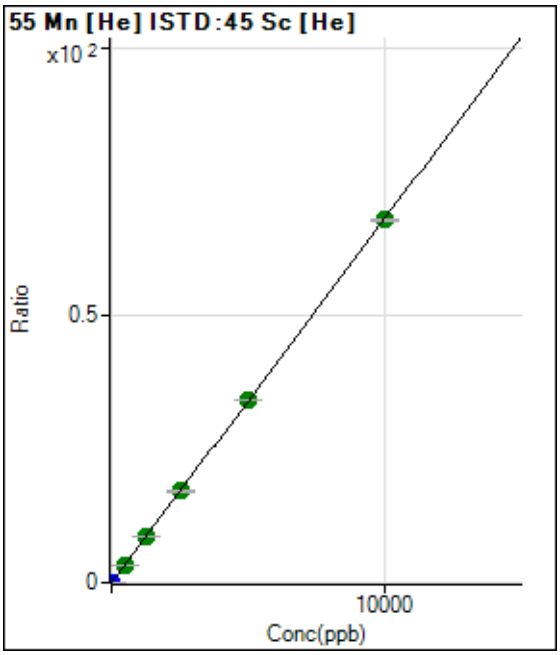
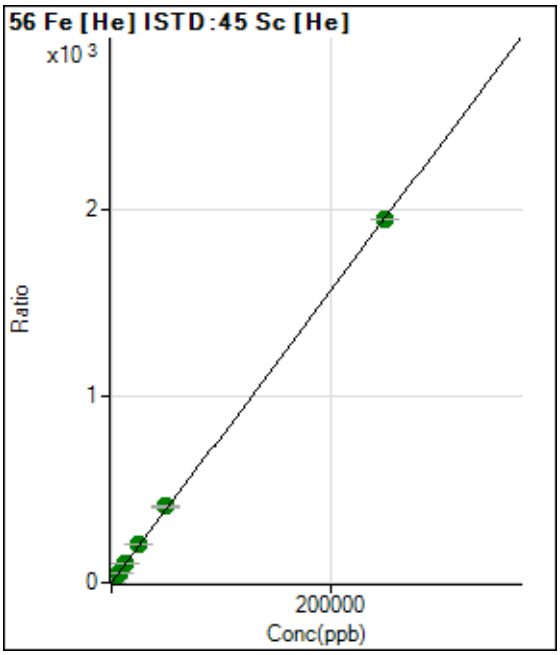
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1176.73	0.0021	P	7.5
2	☐	1.000	0.979	4843.04	0.0087	P	1.6
3	☐	500.000	497.403	1901101.79	3.3830	A	0.8
4	☐	1250.000	1270.978	4720175.38	8.6410	A	0.5
5	☐	2500.000	2511.663	9149620.49	17.0740	A	0.4
6	☐	5000.000	5035.957	18106923.76	34.2319	A	0.4
7	☐	10000.000	9976.613	37295065.00	67.8140	A	0.8
8	☐			18588.22	0.0338	P	2.0

y = 0.0068 * x + 0.0021
R = 1.0000
DL = 0.0677
BEC = 0.3025

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24918.51	0.0435	P	0.6
2	☐	50.000	54.516	260570.34	0.4686	P	0.2
3	☐	2500.000	2592.578	11385095.94	20.2587	A	1.3
4	☐	6250.000	6683.146	28489498.74	52.1543	A	1.0
5	☐	12500.000	13203.990	55194850.29	102.9995	A	0.7
6	☐	25000.000	26457.006	109142139.48	206.3377	A	0.1
7	☐	50000.000	52293.035	224269698.88	407.7899	A	0.7
8	☐	250000.00	249348.73	1070749344.0	1,944.299	A	0.1

y = 0.0078 * x + 0.0435
R = 0.9999
DL = 0.1009
BEC = 5.583

Weight: <None>
Min Conc: 0

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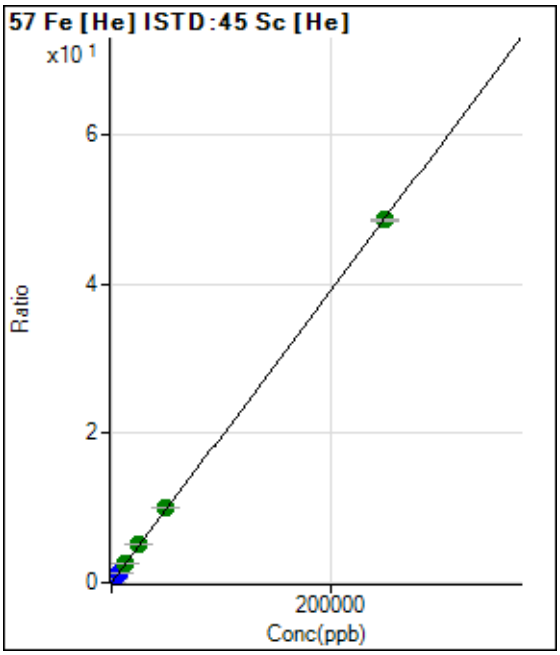
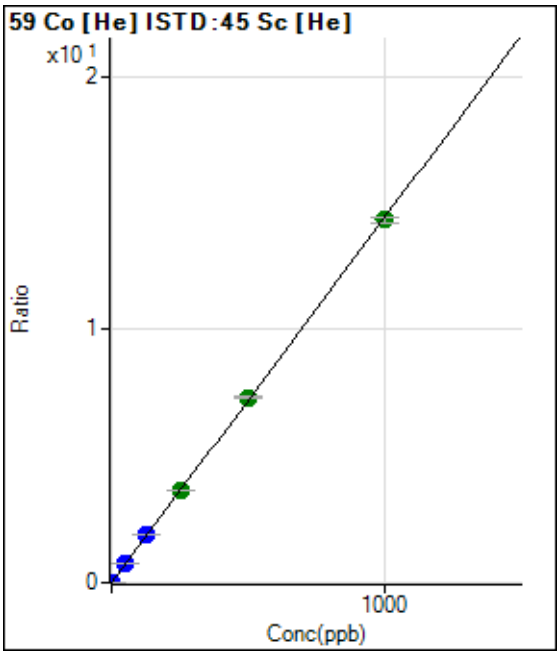


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2398.00	0.0042	P	3.3
2	☐	50.000	56.267	8429.09	0.0152	P	1.2
3	☐	2500.000	2758.077	304541.46	0.5419	P	1.1
4	☐	6250.000	7137.994	762484.70	1.3958	P	0.4
5	☐	12500.000	13204.284	1381764.23	2.5786	A	1.2
6	☐	25000.000	26353.921	2720026.63	5.1423	A	1.1
7	☐	50000.000	51656.333	5541119.71	10.0754	A	0.4
8	☐	250000.00	249473.34	26787914.88	48.6428	A	0.4

y = 1.9497E-004 * x + 0.0042
R = 1.0000
DL = 2.158
BEC = 21.49

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0003	P	19.8
2	☐	1.000	1.057	8619.20	0.0155	P	1.8
3	☐	50.000	51.230	415001.96	0.7385	P	1.0
4	☐	125.000	131.506	1035300.79	1.8953	P	0.4
5	☐	250.000	254.153	1962766.41	3.6626	A	0.3
6	☐	500.000	507.922	3871624.94	7.3194	A	0.7
7	☐	1000.000	994.126	7878106.97	14.3256	A	1.5
8	☐			20768.93	0.0377	P	1.6

y = 0.0144 * x + 2.6795E-004
R = 0.9999
DL = 0.01102
BEC = 0.01859

Weight: <None>
Min Conc: 0

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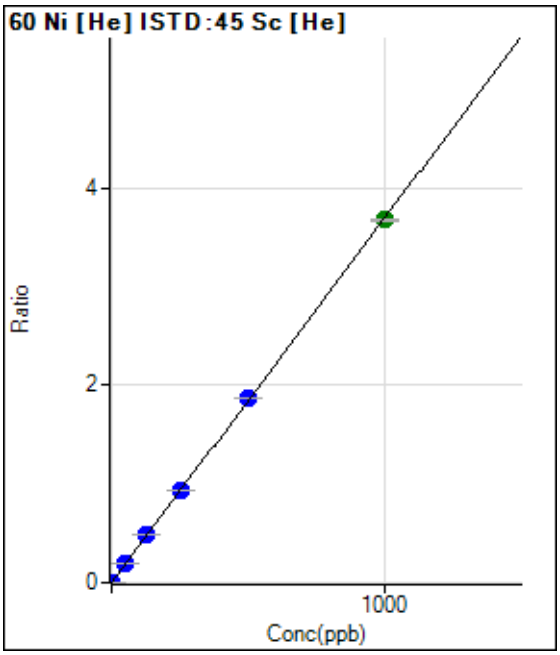
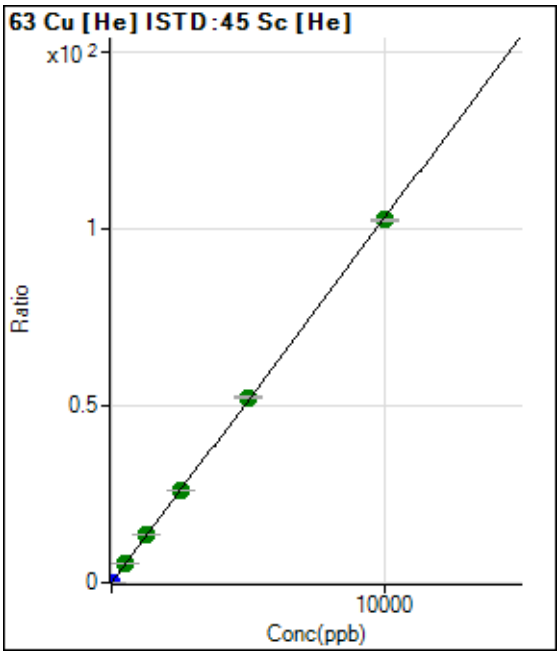


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	298.90	0.0005	P	10.6
2	☐	1.000	1.080	2508.01	0.0045	P	0.2
3	☐	50.000	50.746	105637.33	0.1880	P	1.1
4	☐	125.000	130.929	264480.15	0.4842	P	0.2
5	☐	250.000	254.294	503661.27	0.9399	P	0.4
6	☐	500.000	504.710	986441.79	1.8649	P	0.1
7	☐	1000.000	995.793	2023297.87	3.6790	A	0.9
8	☐			7622.01	0.0138	P	1.9

y = 0.0037 * x + 5.2221E-004
R = 1.0000
DL = 0.04499
BEC = 0.1414

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1830.13	0.0032	P	4.0
2	☐	2.000	2.024	13393.85	0.0241	P	2.7
3	☐	500.000	504.185	2926076.14	5.2069	A	1.1
4	☐	1250.000	1314.008	7410061.07	13.5652	A	0.7
5	☐	2500.000	2532.156	14006642.29	26.1378	A	0.6
6	☐	5000.000	5071.459	27688680.97	52.3462	A	0.9
7	☐	10000.000	9948.021	56468114.16	102.6777	A	0.8
8	☐			11116.42	0.0202	P	1.7

y = 0.0103 * x + 0.0032
R = 0.9999
DL = 0.03691
BEC = 0.3098

Weight: <None>
Min Conc: 0

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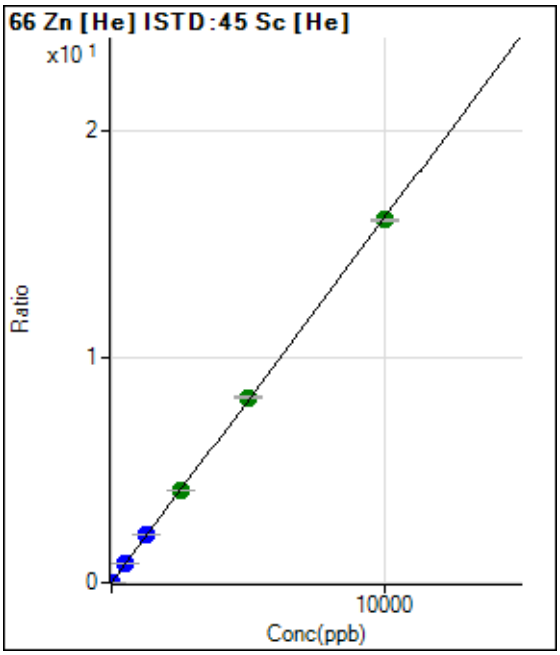
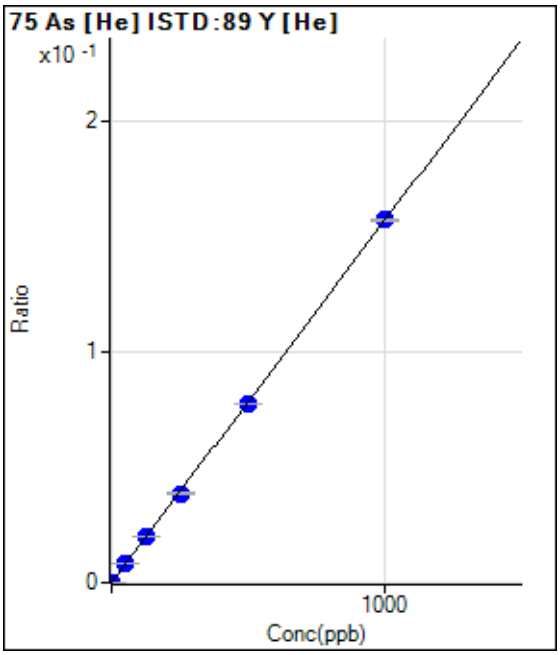


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3550.76	0.0062	P	3.0
2	☐	2.000	3.509	6600.97	0.0119	P	5.1
3	☐	500.000	500.626	457983.21	0.8150	P	1.0
4	☐	1250.000	1307.700	1157416.26	2.1188	P	0.2
5	☐	2500.000	2539.547	2201885.26	4.1089	A	0.4
6	☐	5000.000	5077.652	4342273.74	8.2093	A	1.1
7	☐	10000.000	9944.043	8838334.27	16.0711	A	0.8
8	☐			7228.88	0.0131	P	0.4

y = 0.0016 * x + 0.0062
R = 0.9999
DL = 0.348
BEC = 3.84

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	1.000	1.023	647.80	0.0002	P	2.2
3	☐	50.000	50.782	32291.77	0.0080	P	0.4
4	☐	125.000	127.798	80479.78	0.0200	P	0.5
5	☐	250.000	246.937	155530.54	0.0387	P	1.2
6	☐	500.000	495.355	308753.23	0.0776	P	0.6
7	☐	1000.000	1002.699	639854.01	0.1571	P	0.9
8	☐			361.12	0.0001	P	10.6

y = 1.5665E-004 * x + 1.0705E-006
R = 1.0000
DL = 0.01776
BEC = 0.006834

Weight: <None>
Min Conc: 0

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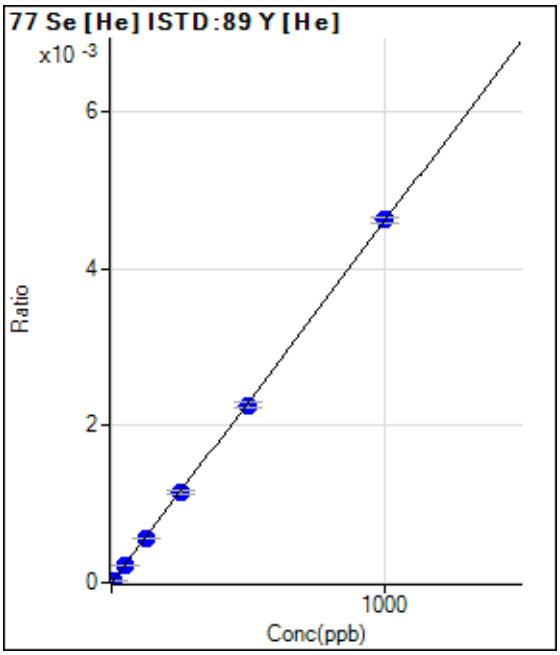
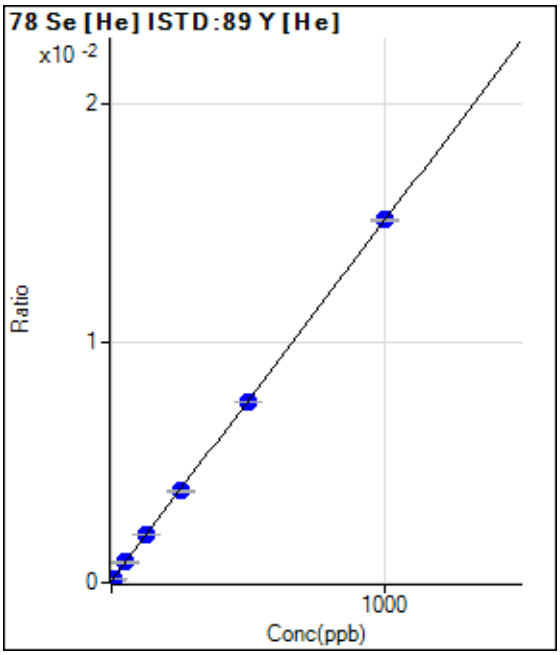


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.291	97.78	0.0000	P	13.3
3	☐	50.000	47.962	895.59	0.0002	P	3.3
4	☐	125.000	123.039	2275.75	0.0006	P	2.5
5	☐	250.000	250.145	4627.43	0.0012	P	2.9
6	☐	500.000	491.539	8998.36	0.0023	P	3.1
7	☐	1000.000	1004.540	18828.71	0.0046	P	1.9
8	☐			3.33	0.0000	P	1.0

y = 4.6014E-006 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.23	0.0001	P	10.5
2	☐	5.000	5.353	682.24	0.0002	P	8.5
3	☐	50.000	50.585	3445.99	0.0008	P	3.8
4	☐	125.000	127.818	8076.71	0.0020	P	1.2
5	☐	250.000	248.222	15348.02	0.0038	P	3.0
6	☐	500.000	496.653	30036.04	0.0075	P	0.6
7	☐	1000.000	1001.735	61652.21	0.0151	P	0.8
8	☐			365.56	0.0001	P	6.2

y = 1.5019E-005 * x + 8.9459E-005
R = 1.0000
DL = 1.872
BEC = 5.956

Weight: <None>
Min Conc: 0

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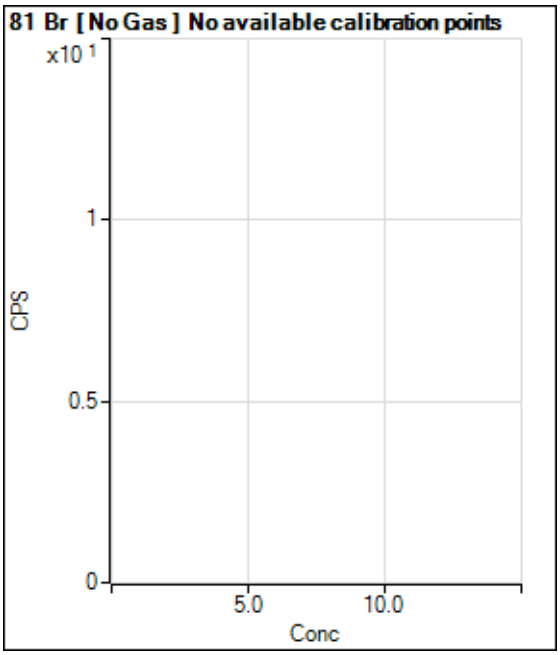
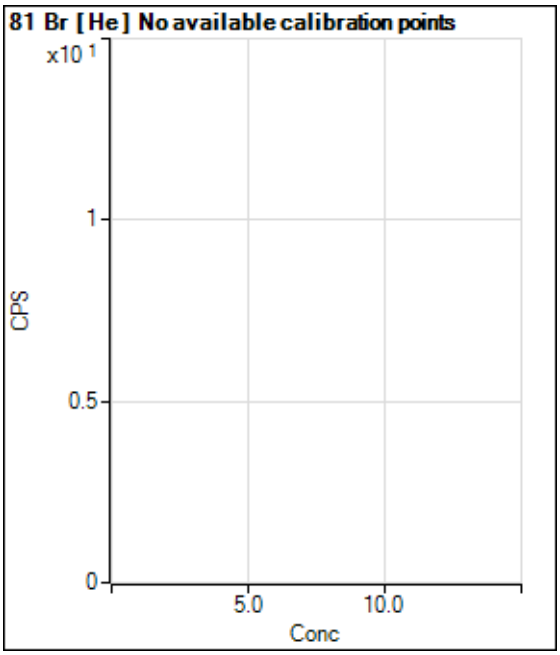


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10403.73		P	2.2
2	☐			10093.52		P	1.4
3	☐			9927.86		P	2.5
4	☐			9803.32		P	1.7
5	☐			9742.19		P	0.8
6	☐			9892.27		P	3.2
7	☐			10113.56		P	2.3
8	☐			10991.96		P	1.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			144.45		P	2.7
2	☐			105.56		P	7.3
3	☐			83.33		P	25.0
4	☐			92.22		P	9.1
5	☐			98.89		P	25.7
6	☐			85.56		P	9.8
7	☐			80.00		P	4.2
8	☐			142.23		P	23.6

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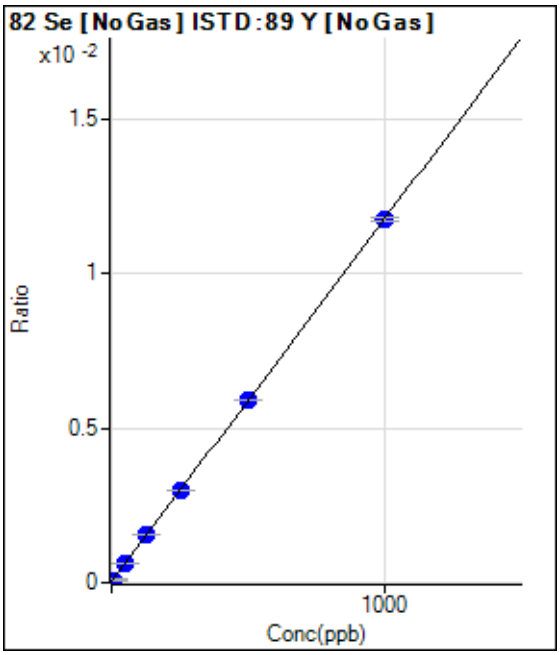
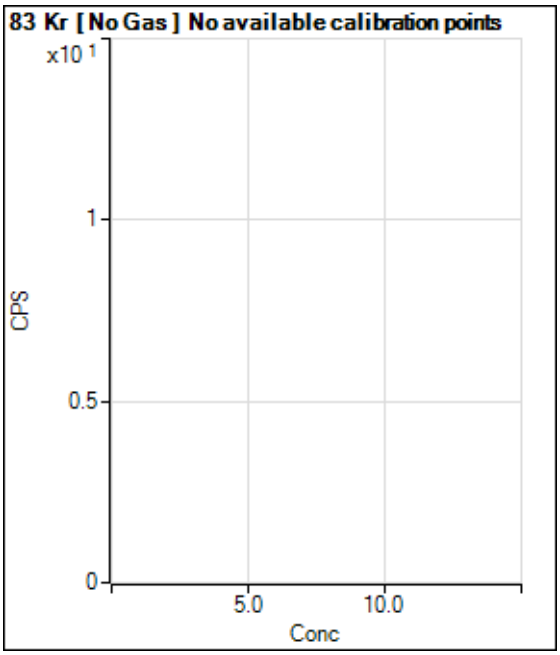


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	553.23	0.0000	P	8.9
2	☐	5.000	5.025	1447.14	0.0001	P	2.9
3	☐	50.000	50.575	10086.04	0.0006	P	0.9
4	☐	125.000	128.594	25074.39	0.0015	P	0.5
5	☐	250.000	252.982	48568.32	0.0030	P	1.0
6	☐	500.000	501.703	95275.77	0.0059	P	0.5
7	☐	1000.000	997.925	194431.78	0.0117	P	1.0
8	☐			711.81	0.0000	P	5.3

y = 1.1735E-005 * x + 3.3239E-005
R = 1.0000
DL = 0.7524
BEC = 2.833

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			312.23		P	21.5
2	☐			290.01		P	4.0
3	☐			304.45		P	11.4
4	☐			293.34		P	13.1
5	☐			301.12		P	10.5
6	☐			270.01		P	13.1
7	☐			358.90		P	5.1
8	☐			346.67		P	12.9

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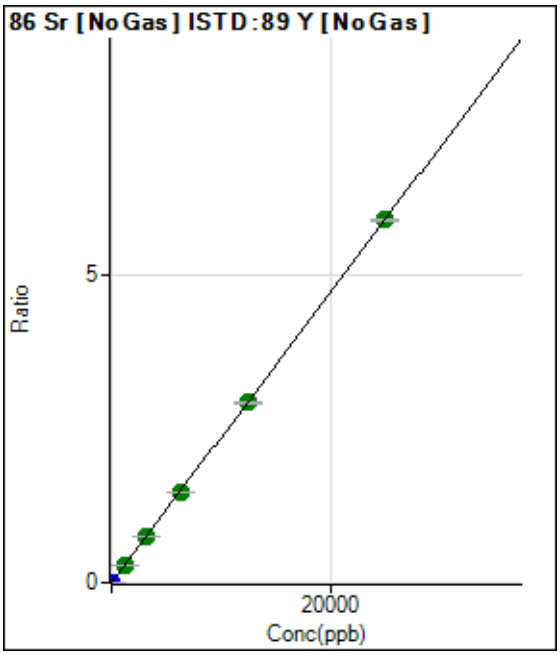
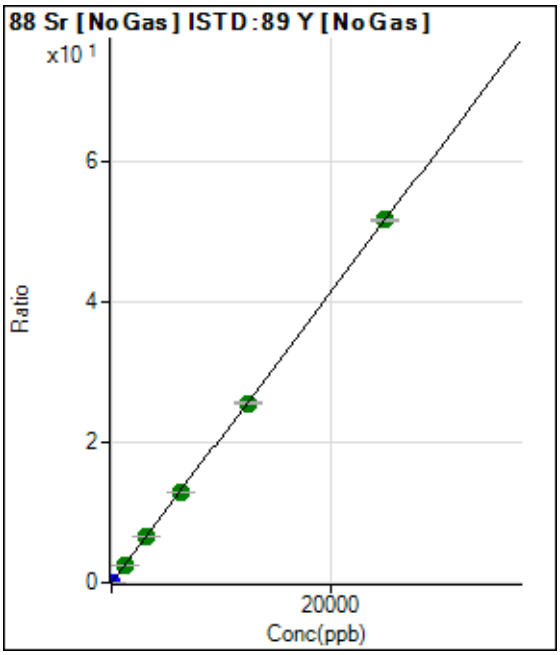


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.24	0.0000	P	9.9
2	☐	1.000	1.029	4287.33	0.0003	P	1.0
3	☐	1250.000	1249.766	4750081.66	0.2952	A	0.5
4	☐	3125.000	3167.396	12160778.85	0.7480	A	0.3
5	☐	6250.000	6234.717	23823055.20	1.4724	A	0.7
6	☐	12500.000	12418.964	47195370.41	2.9328	A	0.6
7	☐	25000.000	25039.051	97898932.99	5.9130	A	0.8
8	☐			16171.19	0.0010	P	4.6

y = 2.3615E-004 * x + 3.0186E-005
R = 1.0000
DL = 0.0379
BEC = 0.1278

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	752.25	0.0000	P	3.6
2	☐	1.000	1.004	33128.42	0.0021	P	0.4
3	☐	1250.000	1247.488	41314886.05	2.5673	A	0.6
4	☐	3125.000	3162.362	105806327.31	6.5080	A	0.3
5	☐	6250.000	6223.353	207222603.58	12.8073	A	0.5
6	☐	12500.000	12379.316	409976371.67	25.4759	A	1.1
7	☐	25000.000	25062.459	853932813.94	51.5770	A	0.8
8	☐			137127.18	0.0086	P	6.1

y = 0.0021 * x + 4.5204E-005
R = 1.0000
DL = 0.002402
BEC = 0.02197

Weight: <None>
Min Conc: 0

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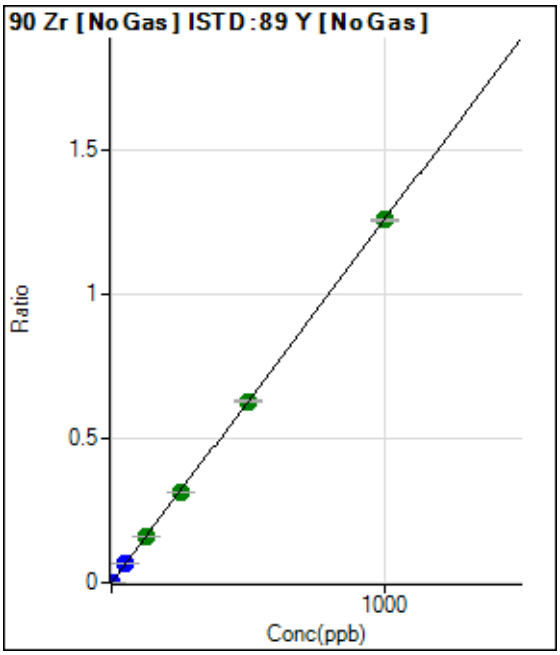
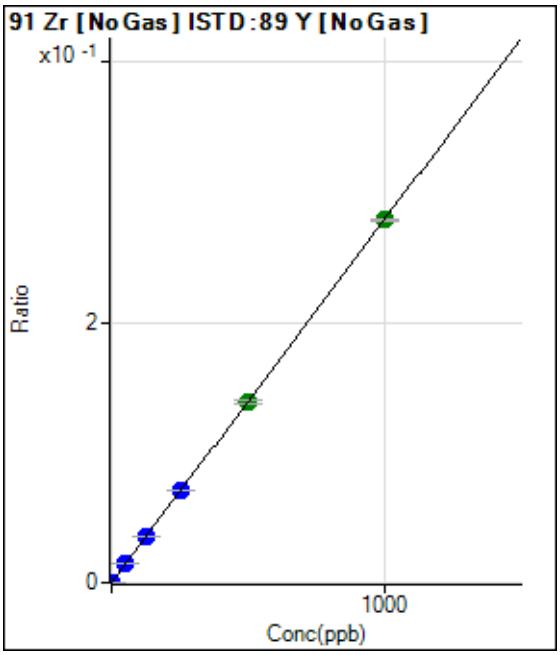


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	613.35	0.0000	P	6.6
2	☐	1.000	1.010	20503.31	0.0013	P	2.7
3	☐	50.000	50.996	1032155.76	0.0641	P	1.6
4	☐	125.000	126.663	2588871.99	0.1592	A	0.5
5	☐	250.000	248.742	5059365.00	0.3127	A	1.1
6	☐	500.000	500.700	10128528.04	0.6294	A	0.9
7	☐	1000.000	999.707	20804900.39	1.2566	A	0.8
8	☐			12299.68	0.0008	P	3.8

y = 0.0013 * x + 3.6852E-005
R = 1.0000
DL = 0.005772
BEC = 0.02932

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	12.0
2	☐	1.000	1.032	4661.90	0.0003	P	1.6
3	☐	50.000	51.204	230094.32	0.0143	P	0.9
4	☐	125.000	128.300	582242.01	0.0358	P	0.6
5	☐	250.000	254.178	1147824.20	0.0709	P	1.0
6	☐	500.000	498.066	2236899.24	0.1390	A	1.6
7	☐	1000.000	999.450	4617562.47	0.2789	A	0.9
8	☐			2758.07	0.0002	P	1.4

y = 2.7906E-004 * x + 9.0108E-006
R = 1.0000
DL = 0.01167
BEC = 0.03229

Weight: <None>
Min Conc: 0

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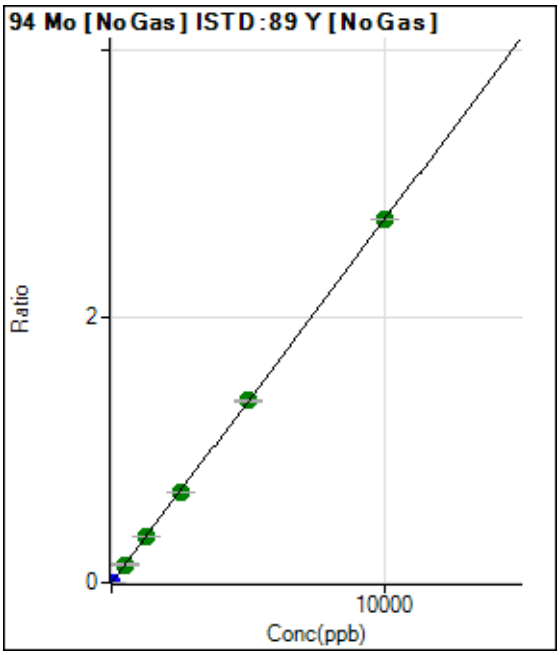
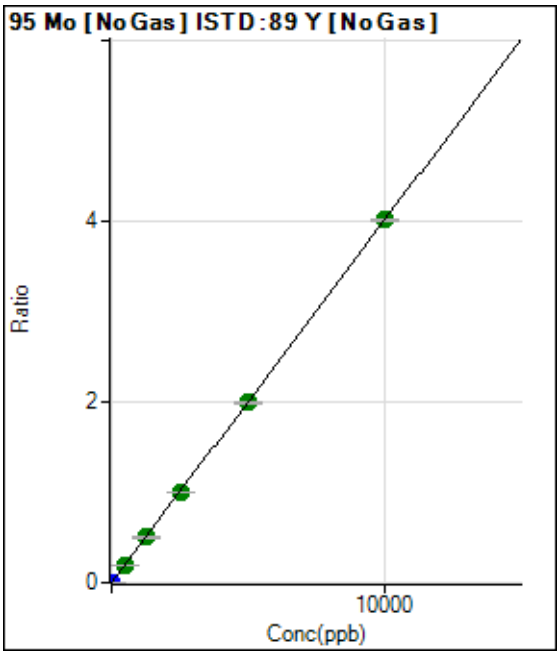


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.11	0.0000	P	12.1
2	☐	5.000	5.352	23149.51	0.0015	P	1.0
3	☐	500.000	502.705	2206114.03	0.1371	A	0.8
4	☐	1250.000	1261.816	5593951.79	0.3441	A	0.8
5	☐	2500.000	2503.861	11046962.06	0.6827	A	0.7
6	☐	5000.000	5011.069	21988346.34	1.3664	A	0.9
7	☐	10000.000	9991.888	45106215.44	2.7245	A	0.2
8	☐			10432.70	0.0007	P	4.9

y = 2.7267E-004 * x + 1.5690E-005
R = 1.0000
DL = 0.02096
BEC = 0.05754

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	22.7
2	☐	5.000	4.507	28469.97	0.0018	P	0.8
3	☐	500.000	499.843	3227529.68	0.2006	A	0.6
4	☐	1250.000	1252.894	8173403.35	0.5027	A	1.0
5	☐	2500.000	2492.684	16181628.37	1.0001	A	0.5
6	☐	5000.000	4978.208	32143013.41	1.9974	A	1.0
7	☐	10000.000	10012.371	66507276.23	4.0172	A	0.7
8	☐			9429.78	0.0006	P	5.3

y = 4.0122E-004 * x + 5.8708E-006
R = 1.0000
DL = 0.009968
BEC = 0.01463

Weight: <None>
Min Conc: 0

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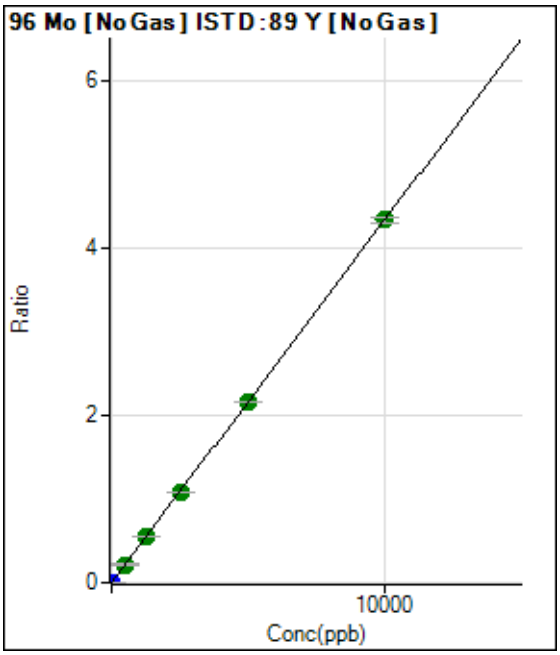
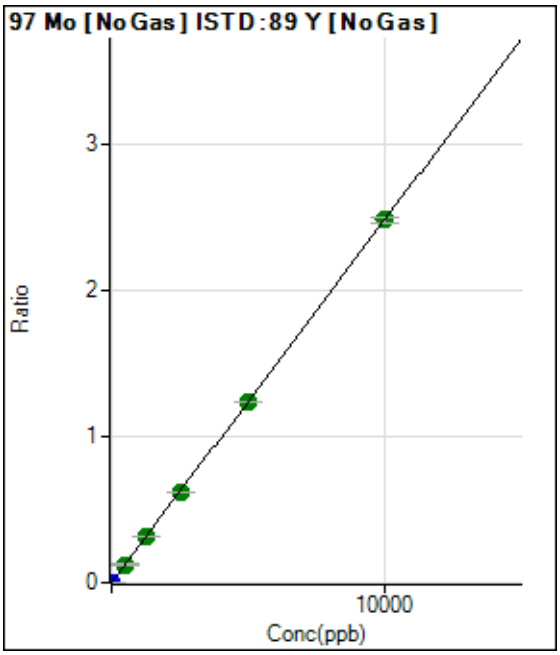


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	171.11	0.0000	P	5.1
2	☐	5.000	4.559	31192.19	0.0020	P	1.1
3	☐	500.000	501.076	3497353.39	0.2174	A	1.3
4	☐	1250.000	1257.645	8868661.74	0.5455	A	1.1
5	☐	2500.000	2496.475	17520482.52	1.0829	A	1.1
6	☐	5000.000	4979.364	34756548.93	2.1598	A	0.7
7	☐	10000.000	10010.190	71882209.48	4.3419	A	1.6
8	☐			21002.95	0.0013	P	3.5

y = 4.3375E-004 * x + 1.0282E-005
R = 1.0000
DL = 0.003619
BEC = 0.0237

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0000	P	16.7
2	☐	5.000	4.439	17363.76	0.0011	P	1.5
3	☐	500.000	502.590	2007916.34	0.1248	A	1.2
4	☐	1250.000	1257.695	5075881.42	0.3122	A	1.0
5	☐	2500.000	2499.283	10038427.00	0.6204	A	1.0
6	☐	5000.000	4986.870	19921585.40	1.2380	A	0.6
7	☐	10000.000	10005.653	41120473.27	2.4838	A	1.4
8	☐			5906.79	0.0004	P	6.8

y = 2.4824E-004 * x + 4.4079E-006
R = 1.0000
DL = 0.008882
BEC = 0.01776

Weight: <None>
Min Conc: 0

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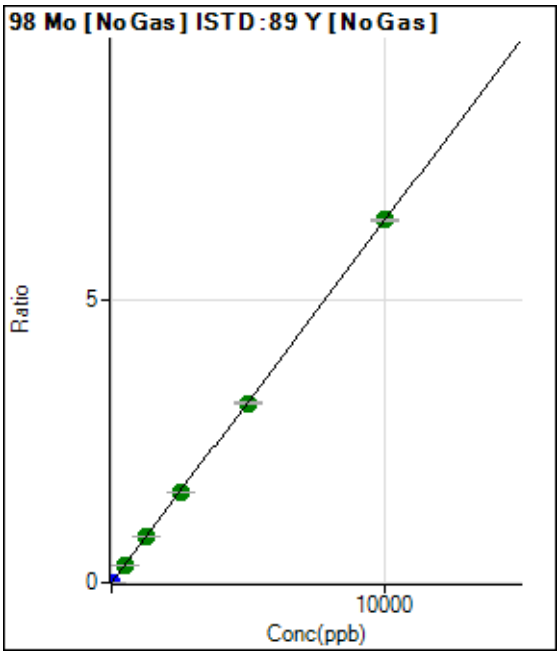
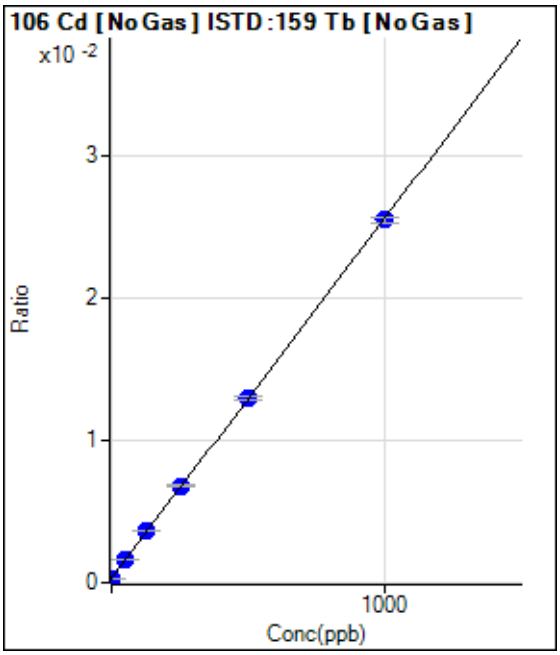


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0000	P	1.7
2	☐	5.000	4.419	44539.90	0.0028	P	0.9
3	☐	500.000	490.955	5058675.48	0.3143	A	1.6
4	☐	1250.000	1259.241	13105852.03	0.8062	A	0.8
5	☐	2500.000	2491.214	25803801.01	1.5948	A	0.5
6	☐	5000.000	4963.156	51131112.01	3.1773	A	0.7
7	☐	10000.000	10019.916	106197861.75	6.4146	A	0.8
8	☐			14492.87	0.0009	P	6.1

y = 6.4018E-004 * x + 9.2126E-006
R = 1.0000
DL = 0.0007176
BEC = 0.01439

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3441.55	0.0003	P	2.1
2	☐	1.000	0.609	3444.89	0.0003	P	1.6
3	☐	50.000	52.788	17879.99	0.0016	P	1.3
4	☐	125.000	134.266	41251.73	0.0037	P	0.5
5	☐	250.000	257.016	77628.29	0.0068	P	0.7
6	☐	500.000	501.086	150964.19	0.0129	P	1.1
7	☐	1000.000	996.405	302568.81	0.0254	P	1.7
8	☐			3252.61	0.0003	P	3.3

y = 2.5220E-005 * x + 3.0877E-004
R = 0.9999
DL = 0.7783
BEC = 12.24

Weight: <None>
Min Conc: 0

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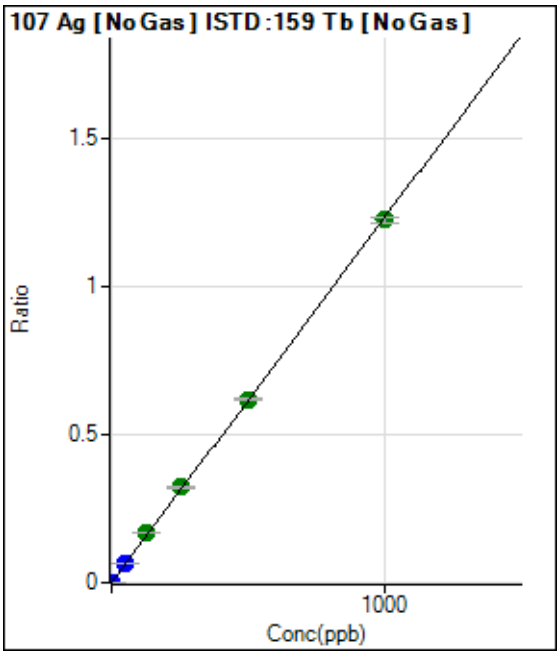
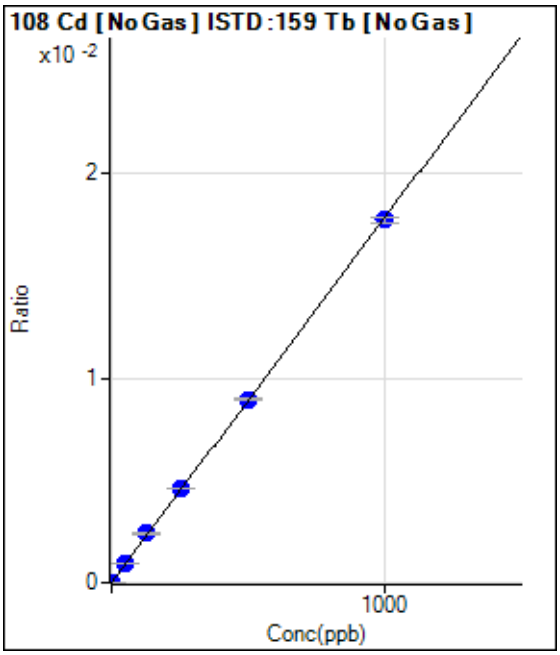


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.44	0.0000	P	32.7
2	☐	1.000	0.995	13088.21	0.0012	P	1.1
3	☐	50.000	53.827	722357.44	0.0663	P	0.4
4	☐	125.000	135.812	1865965.06	0.1672	A	1.7
5	☐	250.000	261.161	3674209.08	0.3214	A	0.6
6	☐	500.000	502.517	7211870.38	0.6185	A	1.1
7	☐	1000.000	994.408	14557696.59	1.2239	A	1.9
8	☐			2007.94	0.0002	P	12.4

y = 0.0012 * x + 6.6907E-006
R = 0.9999
DL = 0.005333
BEC = 0.005436

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.34	0.0000	P	43.1
2	☐	1.000	1.064	214.45	0.0000	P	3.2
3	☐	50.000	53.946	10503.88	0.0010	P	1.5
4	☐	125.000	135.345	26968.46	0.0024	P	2.3
5	☐	250.000	258.178	52660.71	0.0046	P	1.0
6	☐	500.000	503.032	104658.53	0.0090	P	1.0
7	☐	1000.000	994.949	211133.33	0.0178	P	1.7
8	☐			81.11	0.0000	P	16.4

y = 1.7840E-005 * x + 1.1958E-006
R = 0.9999
DL = 0.0867
BEC = 0.06703

Weight: <None>
Min Conc: 0

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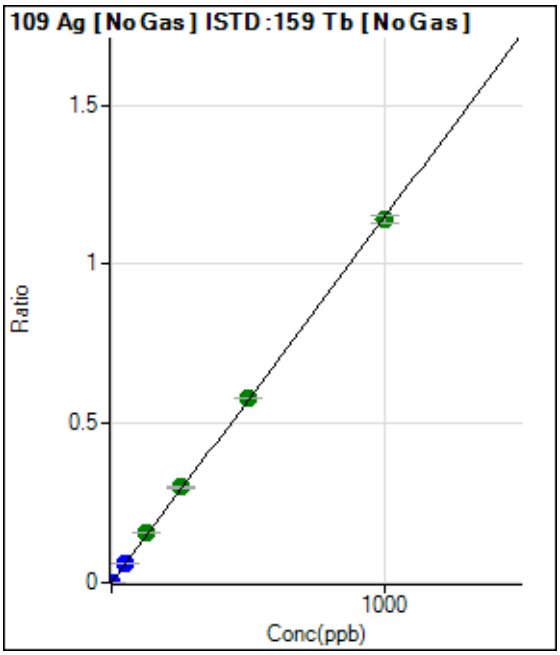
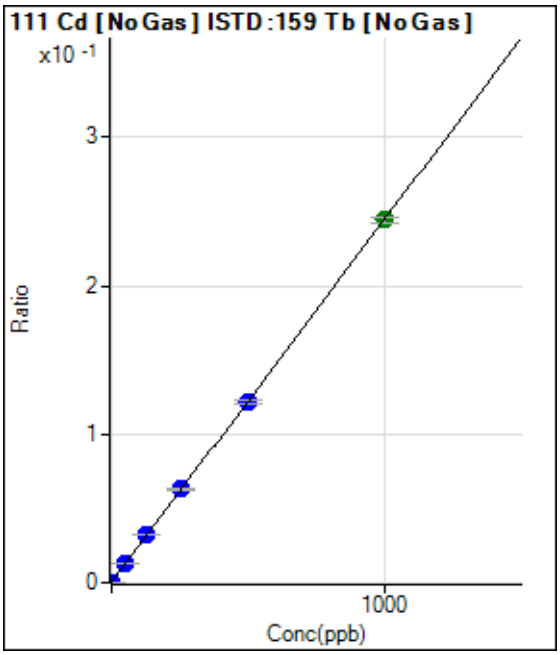


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	22.6
2	☐	1.000	0.994	12148.54	0.0011	P	1.0
3	☐	50.000	54.254	678720.86	0.0622	P	0.3
4	☐	125.000	135.664	1737481.00	0.1557	A	1.4
5	☐	250.000	261.242	3426450.71	0.2997	A	1.1
6	☐	500.000	505.229	6758912.05	0.5797	A	0.8
7	☐	1000.000	993.030	13551482.16	1.1393	A	2.1
8	☐			1733.45	0.0002	P	13.2

y = 0.0011 * x + 2.5875E-006
R = 0.9999
DL = 0.001528
BEC = 0.002255

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2405.31	0.0002	P	2.3
2	☐	1.000	1.018	4942.69	0.0005	P	2.9
3	☐	50.000	53.229	144274.75	0.0132	P	0.8
4	☐	125.000	132.444	363974.50	0.0326	P	1.2
5	☐	250.000	256.550	719653.35	0.0630	P	0.4
6	☐	500.000	497.176	1420211.63	0.1218	P	1.3
7	☐	1000.000	998.682	2907487.92	0.2444	A	1.3
8	☐			2598.95	0.0002	P	2.3

y = 2.4455E-004 * x + 2.1580E-004
R = 1.0000
DL = 0.0596
BEC = 0.8824

Weight: <None>
Min Conc: 0

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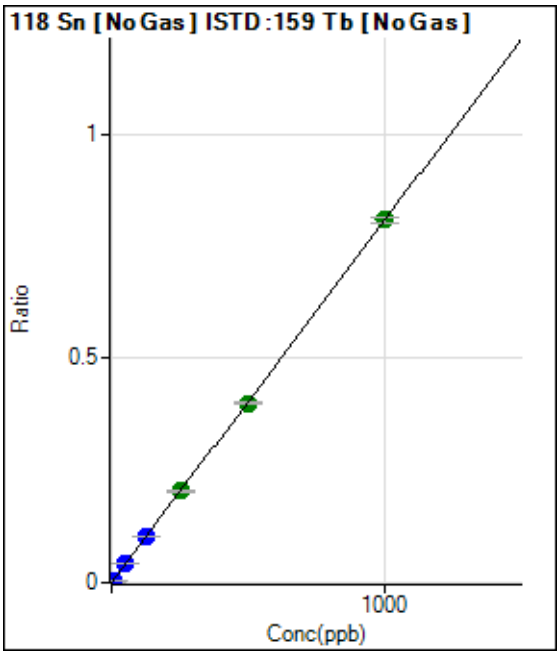
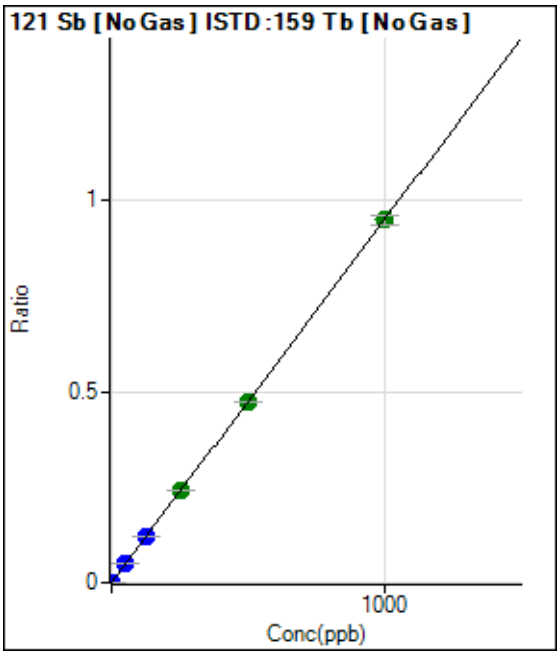


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3275.96	0.0003	P	2.4
2	☐	5.000	4.902	45178.57	0.0042	P	0.8
3	☐	50.000	51.200	453760.67	0.0416	P	1.1
4	☐	125.000	128.623	1162076.52	0.1041	P	1.3
5	☐	250.000	252.432	2332088.96	0.2040	A	0.8
6	☐	500.000	494.474	4656622.50	0.3993	A	0.8
7	☐	1000.000	1001.643	9618095.76	0.8086	A	1.3
8	☐			5847.92	0.0005	P	4.6

y = 8.0701E-004 * x + 2.9391E-004
R = 1.0000
DL = 0.02603
BEC = 0.3642

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0000	P	22.8
2	☐	2.000	1.996	20214.25	0.0019	P	1.3
3	☐	50.000	50.937	526980.85	0.0483	P	0.2
4	☐	125.000	128.295	1358830.76	0.1217	P	0.9
5	☐	250.000	253.599	2750148.46	0.2406	A	0.9
6	☐	500.000	498.108	5510461.31	0.4726	A	0.6
7	☐	1000.000	999.587	11279705.39	0.9483	A	2.7
8	☐			8021.19	0.0007	P	2.6

y = 9.4873E-004 * x + 7.7938E-006
R = 1.0000
DL = 0.005618
BEC = 0.008215

Weight: <None>
Min Conc: 0

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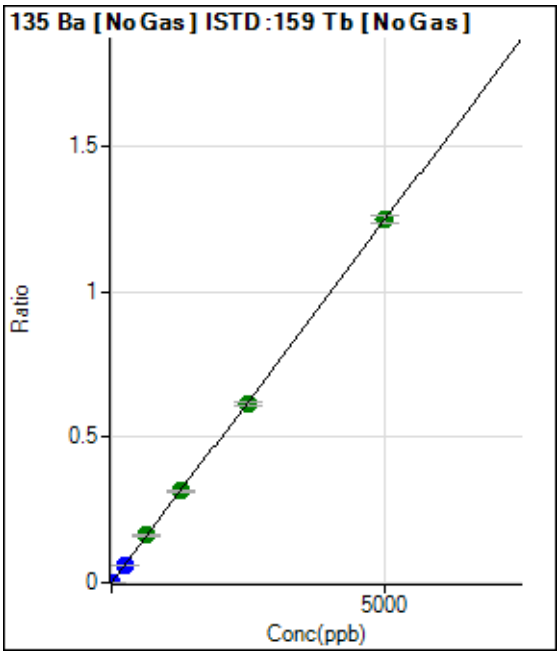
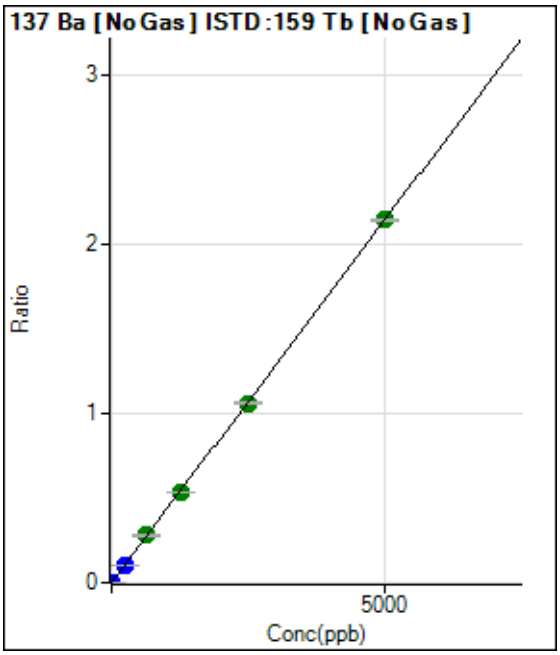


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	13.9
2	☐	10.000	9.346	24876.22	0.0023	P	1.7
3	☐	250.000	246.086	668126.32	0.0613	P	0.8
4	☐	625.000	652.015	1812299.35	0.1624	A	2.2
5	☐	1250.000	1264.696	3599311.40	0.3149	A	0.9
6	☐	2500.000	2473.229	7180234.61	0.6158	A	1.7
7	☐	5000.000	5006.532	14826339.36	1.2465	A	2.2
8	☐			5969.09	0.0005	P	5.8

y = 2.4898E-004 * x + 1.3950E-005
R = 1.0000
DL = 0.02341
BEC = 0.05603

Weight: <None>
Min Conc: 0



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1	☐	0.000	0.000	258.90	0.0000	P	8.4
2	☐	10.000	9.357	42795.32	0.0040	P	1.9
3	☐	250.000	248.104	1157619.84	0.1062	P	0.1
4	☐	625.000	654.021	3124007.87	0.2798	A	1.9
5	☐	1250.000	1255.792	6142022.90	0.5373	A	0.3
6	☐	2500.000	2476.699	12356756.76	1.0597	A	1.2
7	☐	5000.000	5006.671	25479072.12	2.1421	A	0.7
8	☐			10385.00	0.0009	P	1.3

y = 4.2785E-004 * x + 2.3224E-005
R = 1.0000
DL = 0.01363
BEC = 0.05428

Weight: <None>
Min Conc: 0

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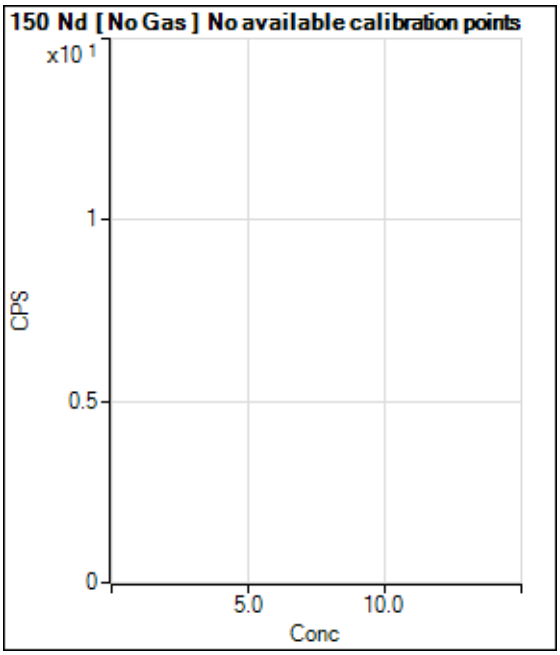
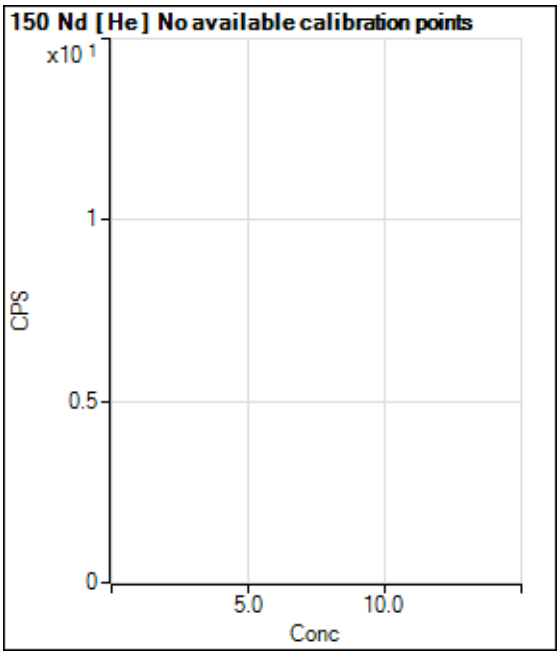


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	33.3
2	☐			11.11		P	17.3
3	☐			44.44		P	48.2
4	☐			84.44		P	33.6
5	☐			152.23		P	30.4
6	☐			338.90		P	5.9
7	☐			691.14		P	1.6
8	☐			223.34		P	6.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.
2	☐			6.66		P	86.6
3	☐			10.00		P	33.3
4	☐			25.56		P	32.8
5	☐			56.67		P	17.6
6	☐			77.78		P	5.0
7	☐			158.89		P	11.9
8	☐			130.01		P	4.4

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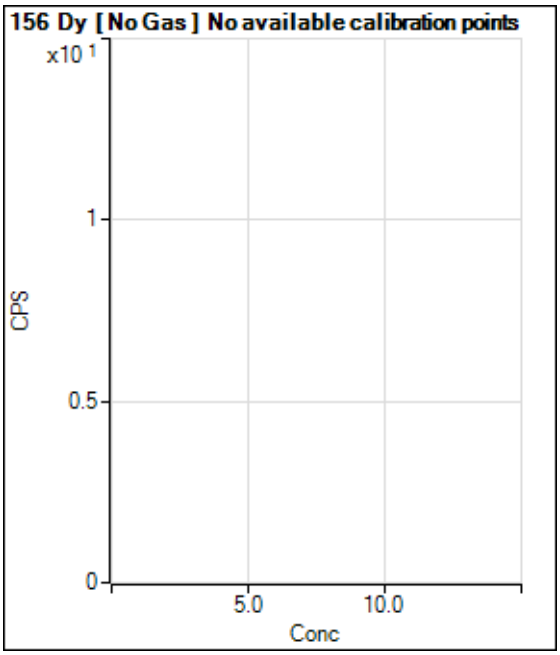
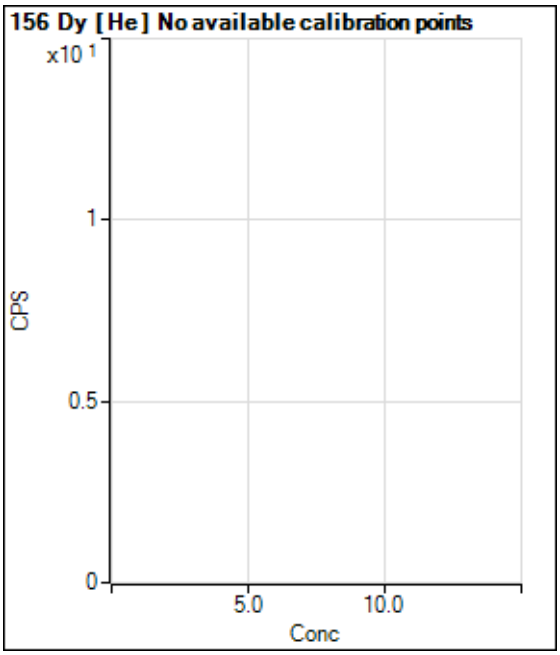


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			877.82		P	8.4
2	☐			806.70		P	5.6
3	☐			848.92		P	2.0
4	☐			894.49		P	11.7
5	☐			990.04		P	10.7
6	☐			1047.83		P	1.9
7	☐			1146.73		P	5.6
8	☐			1217.84		P	5.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			138.89		P	17.0
2	☐			153.34		P	17.0
3	☐			221.12		P	21.9
4	☐			254.45		P	4.2
5	☐			306.67		P	15.7
6	☐			522.24		P	9.1
7	☐			834.48		P	5.6
8	☐			480.01		P	15.5

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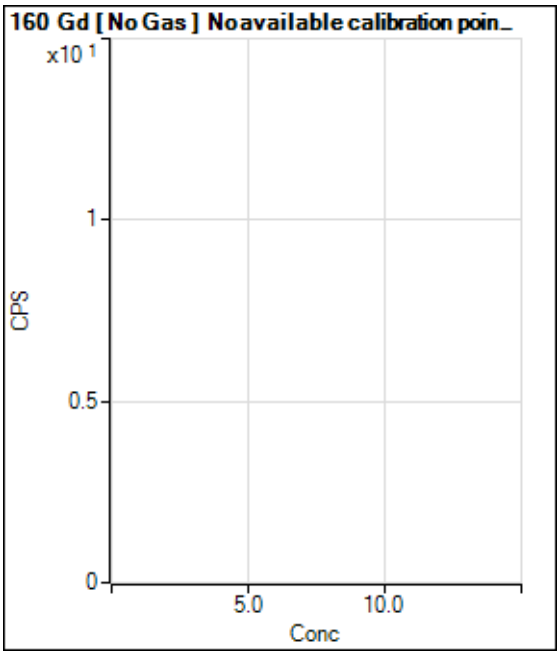
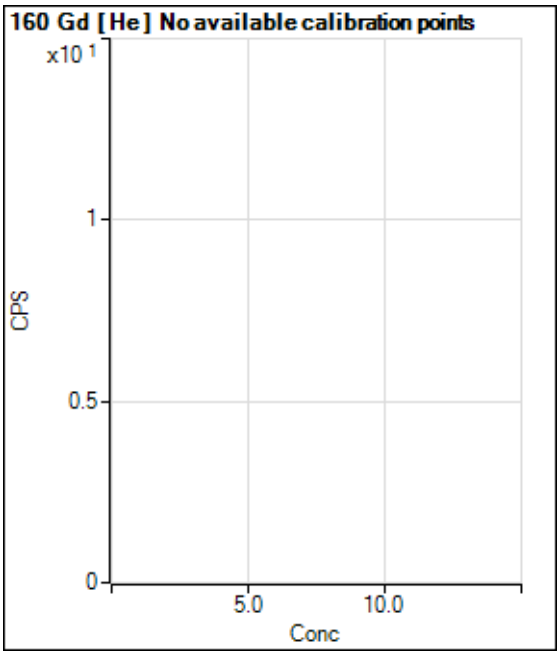


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			43.33		P	20.4
2	☐			47.78		P	34.4
3	☐			51.11		P	21.0
4	☐			65.55		P	16.3
5	☐			93.33		P	16.4
6	☐			117.78		P	8.6
7	☐			150.00		P	18.2
8	☐			382.23		P	7.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			296.68		P	13.0
2	☐			264.45		P	11.7
3	☐			256.67		P	9.1
4	☐			293.34		P	10.1
5	☐			290.01		P	9.4
6	☐			348.90		P	6.4
7	☐			343.34		P	11.9
8	☐			528.91		P	2.4

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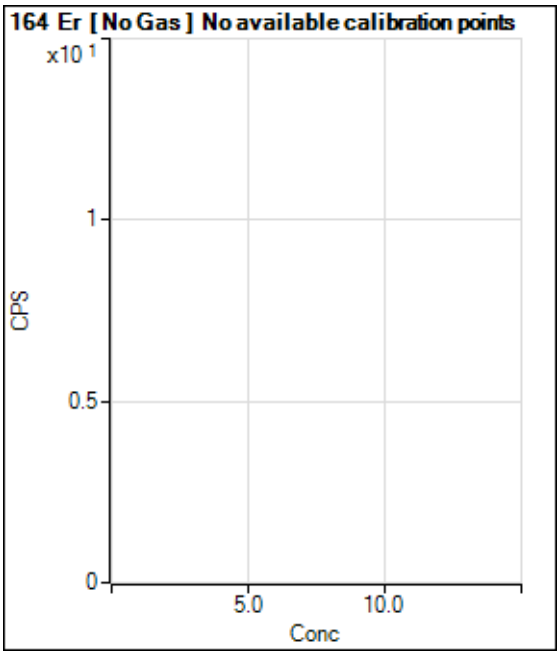
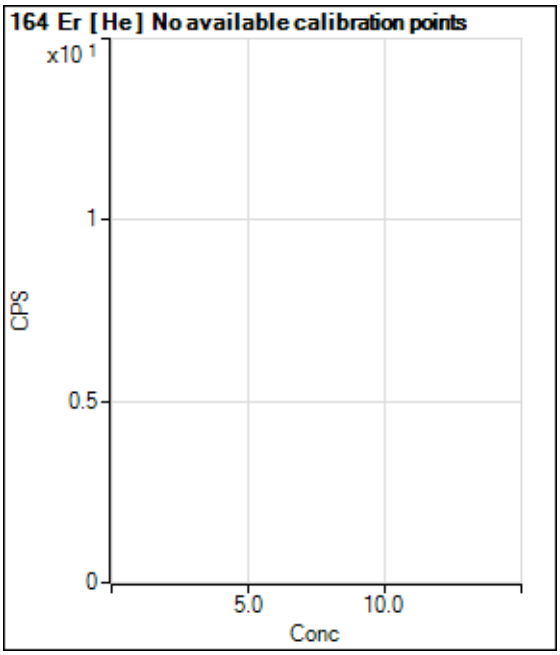
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			82.22		P	28.8
2	☐			80.00		P	15.0
3	☐			83.33		P	16.0
4	☐			102.23		P	9.4
5	☐			111.11		P	13.5
6	☐			154.45		P	11.1
7	☐			224.45		P	16.3
8	☐			426.67		P	3.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			52.22		P	25.8
2	☐			54.44		P	3.5
3	☐			42.22		P	4.6
4	☐			76.67		P	28.5
5	☐			81.11		P	31.9
6	☐			100.00		P	21.9
7	☐			182.23		P	27.8
8	☐			343.34		P	7.0

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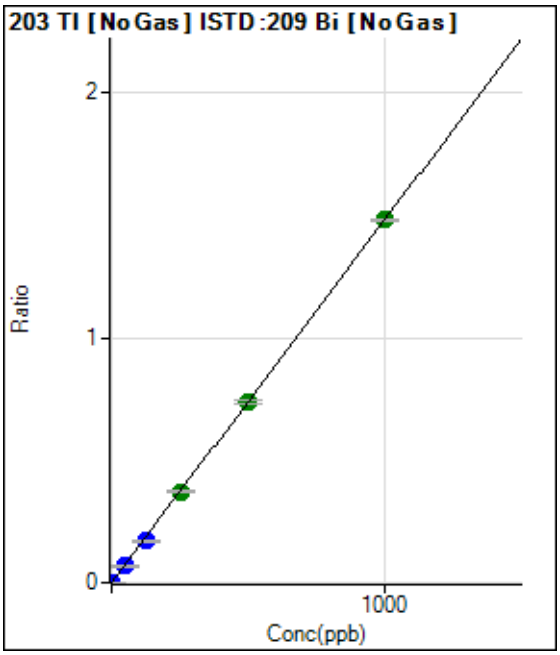
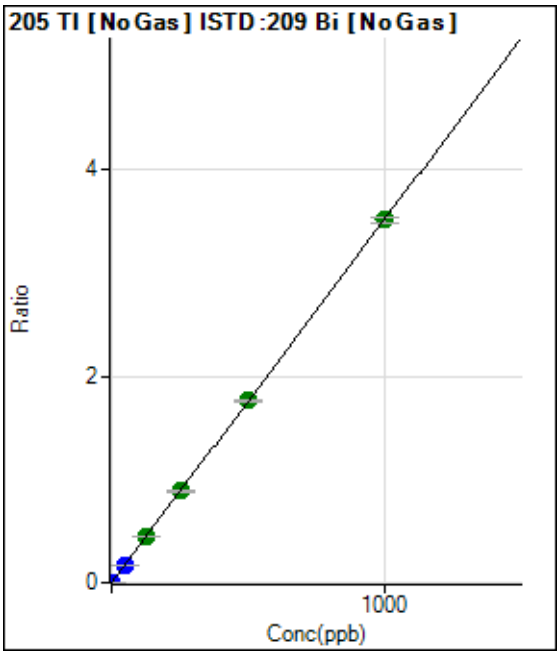


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0000	P	12.4
2	☐	1.000	0.857	7932.37	0.0013	P	0.6
3	☐	50.000	45.136	421563.73	0.0669	P	2.1
4	☐	125.000	114.348	1107906.31	0.1694	P	1.9
5	☐	250.000	251.956	2514817.62	0.3732	A	0.6
6	☐	500.000	500.401	5041199.68	0.7412	A	1.8
7	☐	1000.000	1000.885	10246685.68	1.4825	A	0.6
8	☐			1170.07	0.0002	P	15.8

y = 0.0015 * x + 1.4119E-005
R = 0.9999
DL = 0.003554
BEC = 0.009532

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207.78	0.0000	P	6.2
2	☐	1.000	0.867	19022.28	0.0031	P	2.2
3	☐	50.000	45.506	1008548.90	0.1600	P	1.7
4	☐	125.000	126.187	2901911.21	0.4436	A	2.1
5	☐	250.000	251.950	5968926.86	0.8856	A	1.2
6	☐	500.000	500.852	11972764.82	1.7605	A	1.3
7	☐	1000.000	999.163	24273293.53	3.5120	A	1.3
8	☐			2786.99	0.0005	P	12.0

y = 0.0035 * x + 3.2179E-005
R = 1.0000
DL = 0.001714
BEC = 0.009155

Weight: <None>
Min Conc: 0

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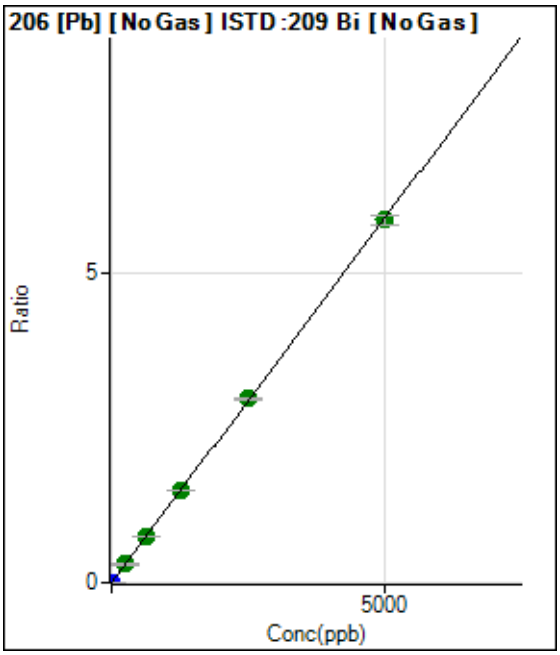
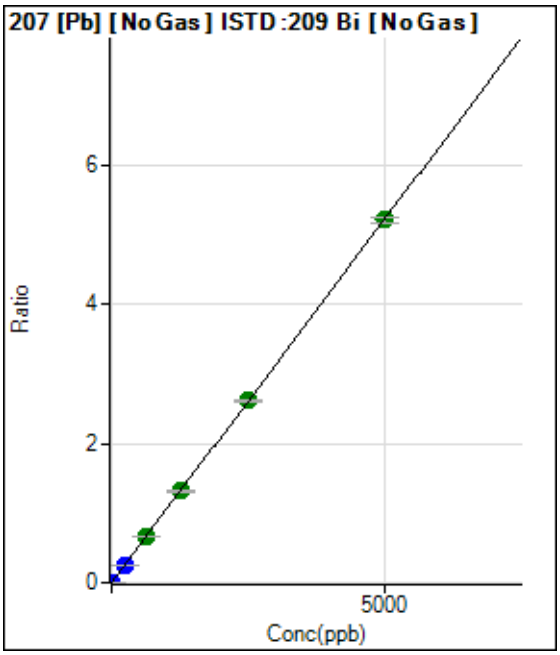


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.45	0.0000	P	13.2
2	☐	1.000	0.879	6667.26	0.0011	P	1.3
3	☐	250.000	254.066	1883619.14	0.2988	A	2.7
4	☐	625.000	639.698	4921065.34	0.7522	A	2.2
5	☐	1250.000	1267.373	10043222.07	1.4902	A	1.4
6	☐	2500.000	2522.145	20167744.42	2.9656	A	1.8
7	☐	5000.000	4982.544	40492914.12	5.8586	A	2.6
8	☐			6857.35	0.0012	P	2.0

y = 0.0012 * x + 4.5576E-005
R = 1.0000
DL = 0.01534
BEC = 0.03876

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	232.23	0.0000	P	6.3
2	☐	1.000	0.857	5742.38	0.0009	P	5.3
3	☐	250.000	227.108	1493729.09	0.2369	P	1.8
4	☐	625.000	631.602	4310256.57	0.6589	A	1.7
5	☐	1250.000	1259.959	8858370.08	1.3143	A	1.8
6	☐	2500.000	2507.010	17785972.65	2.6152	A	1.1
7	☐	5000.000	4994.325	36007222.24	5.2098	A	1.7
8	☐			5875.78	0.0010	P	5.1

y = 0.0010 * x + 3.5947E-005
R = 1.0000
DL = 0.00654
BEC = 0.03446

Weight: <None>
Min Conc: 0

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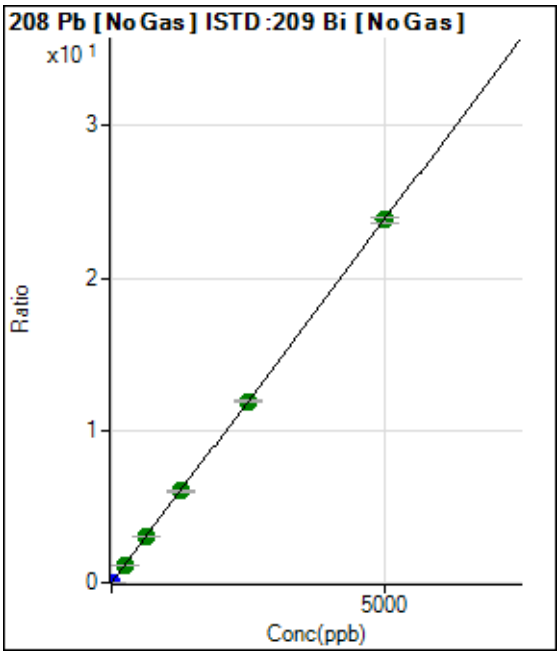
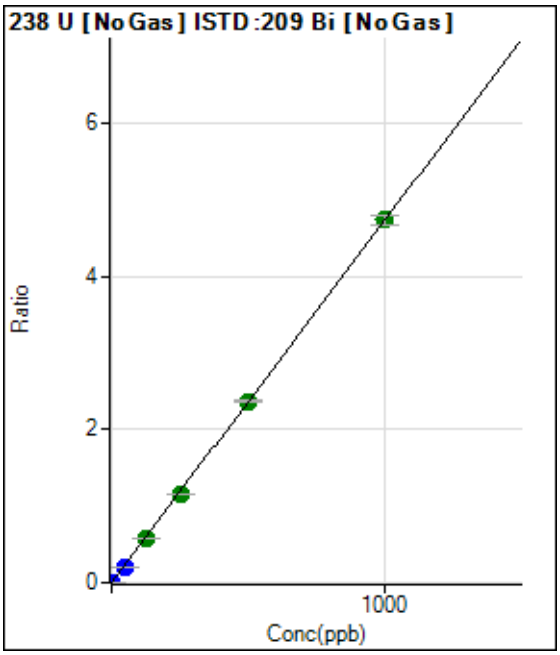


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1157.81	0.0002	P	1.4
2	☐	1.000	0.861	26478.13	0.0043	P	4.0
3	☐	250.000	243.411	7320230.47	1.1612	A	1.4
4	☐	625.000	629.461	19643436.75	3.0025	A	1.4
5	☐	1250.000	1258.477	40452271.82	6.0027	A	1.7
6	☐	2500.000	2502.559	81182588.09	11.9365	A	1.4
7	☐	5000.000	4996.373	164714199.49	23.8311	A	1.4
8	☐			26887.31	0.0045	P	4.3

y = 0.0048 * x + 1.7922E-004
R = 1.0000
DL = 0.001629
BEC = 0.03758

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	60.8
2	☐	1.000	0.811	23694.53	0.0038	P	1.8
3	☐	50.000	43.110	1284275.26	0.2037	P	2.2
4	☐	125.000	123.626	3821938.59	0.5842	A	1.1
5	☐	250.000	242.944	7735542.87	1.1480	A	0.7
6	☐	500.000	500.610	16088431.56	2.3655	A	1.1
7	☐	1000.000	1001.976	32721772.57	4.7346	A	2.7
8	☐			1572.33	0.0003	P	12.1

y = 0.0047 * x + 5.1860E-006
R = 1.0000
DL = 0.002002
BEC = 0.001097

Weight: <None>
Min Conc: 0

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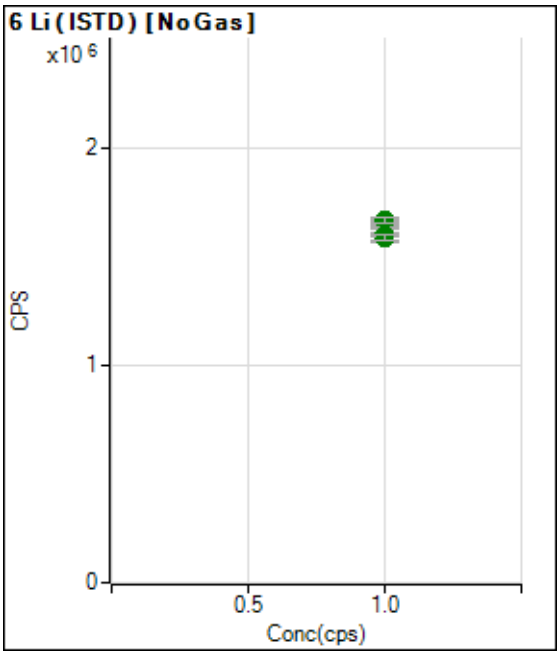
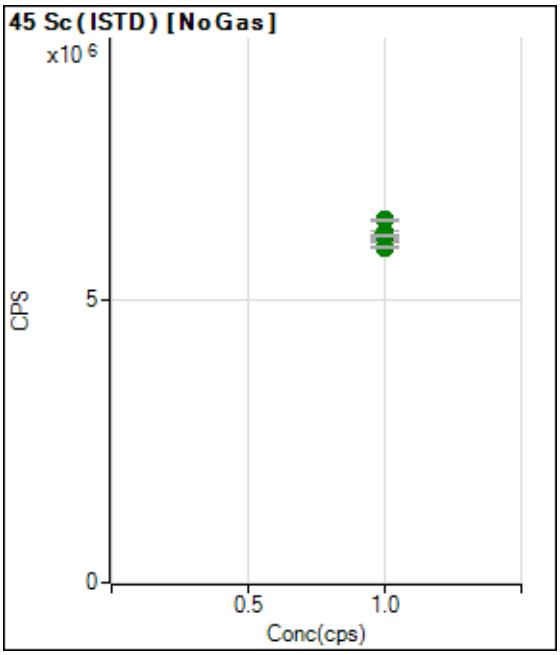


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1638663.41		A	2.9
2	☐	1.000		1588814.75		A	2.2
3	☐	1.000		1608903.52		A	2.5
4	☐	1.000		1635963.47		A	0.6
5	☐	1.000		1661534.23		A	1.4
6	☐	1.000		1658805.76		A	2.1
7	☐	1.000		1670269.70		A	1.4
8	☐	1.000		1585850.53		A	1.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6417613.10		A	0.7
2	☐	1.000		6098682.55		A	1.8
3	☐	1.000		6192707.20		A	1.4
4	☐	1.000		6132661.85		A	0.9
5	☐	1.000		6034563.80		A	0.5
6	☐	1.000		5934667.41		A	0.8
7	☐	1.000		6141724.15		A	0.3
8	☐	1.000		6138556.99		A	0.1

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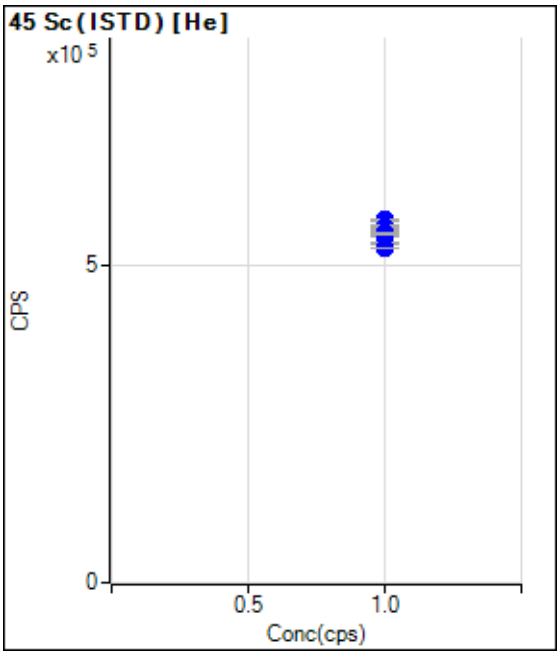
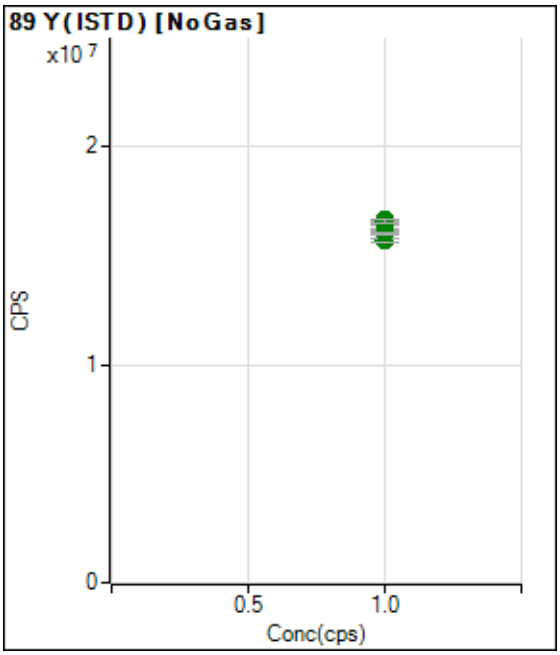


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		572398.92		P	0.2
2	☐	1.000		556047.20		P	0.5
3	☐	1.000		561981.52		P	0.6
4	☐	1.000		546253.21		P	0.1
5	☐	1.000		535887.29		P	0.6
6	☐	1.000		528949.60		P	0.1
7	☐	1.000		549979.41		P	0.9
8	☐	1.000		550710.77		P	0.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16643255.03		A	0.5
2	☐	1.000		15693109.07		A	1.2
3	☐	1.000		16092464.62		A	1.2
4	☐	1.000		16257745.17		A	1.3
5	☐	1.000		16179598.79		A	0.9
6	☐	1.000		16092084.34		A	0.6
7	☐	1.000		16555756.56		A	1.0
8	☐	1.000		16031701.84		A	0.6

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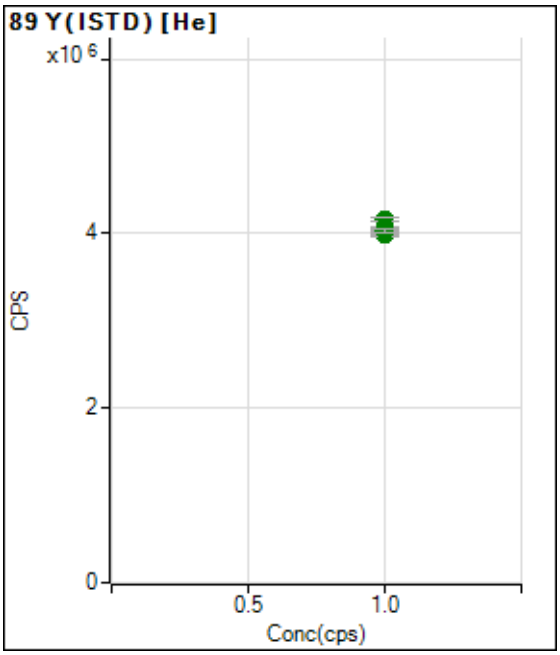

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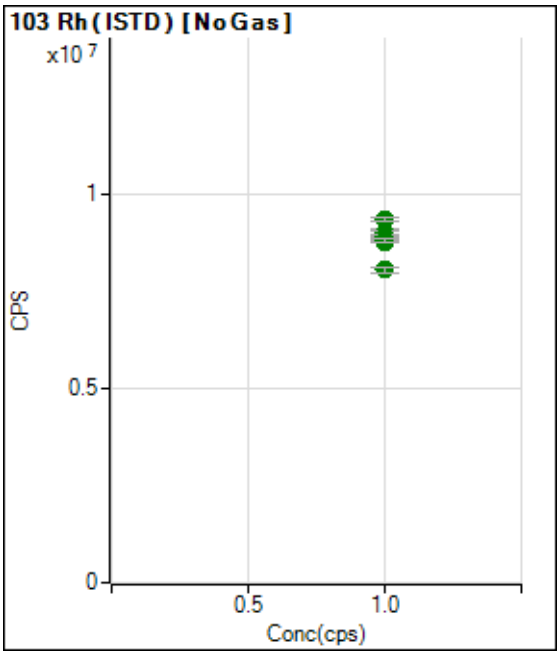
1	☐	1.000		4157466.33		A	1.2
2	☐	1.000		4014867.37		A	0.7
3	☐	1.000		4058801.26		A	0.9
4	☐	1.000		4019823.21		A	0.2
5	☐	1.000		4020736.09		A	0.6
6	☐	1.000		3978959.49		A	0.7
7	☐	1.000		4073646.99		A	0.4
8	☐	1.000		4027881.78		A	1.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9326758.20		A	1.0
2	☐	1.000		8767908.97		A	0.6
3	☐	1.000		8989935.07		A	2.4
4	☐	1.000		8996836.12		A	1.6
5	☐	1.000		8917023.82		A	1.1
6	☐	1.000		8799279.31		A	0.4
7	☐	1.000		8792062.51		A	0.8
8	☐	1.000		8046265.51		A	1.7

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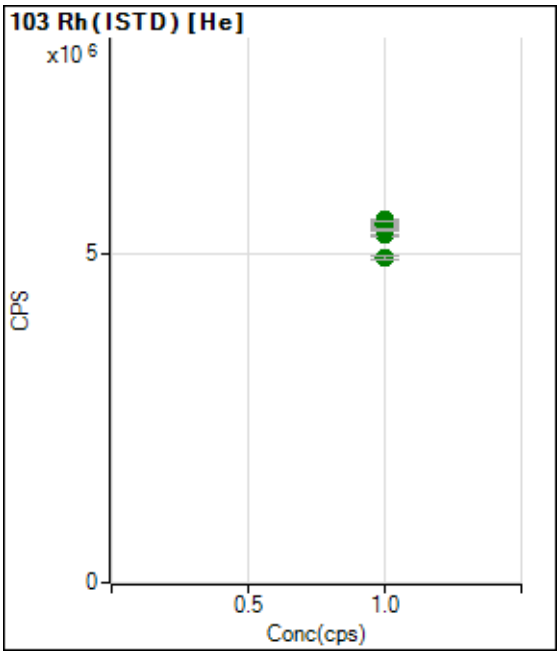

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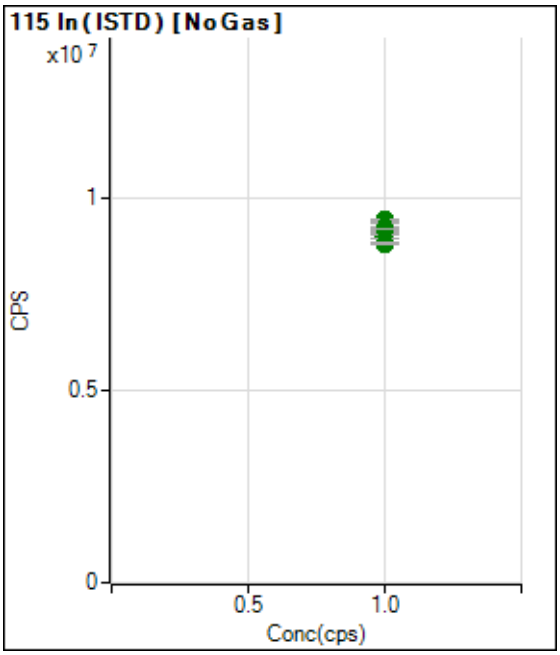
1	☐	1.000		5518510.68		A	0.4
2	☐	1.000		5419299.57		A	0.6
3	☐	1.000		5444090.68		A	1.4
4	☐	1.000		5456986.17		A	1.6
5	☐	1.000		5367114.82		A	0.4
6	☐	1.000		5290531.00		A	0.5
7	☐	1.000		5358137.63		A	0.5
8	☐	1.000		4944783.33		A	0.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9455406.44		A	0.6
2	☐	1.000		8973275.84		A	2.1
3	☐	1.000		9114714.72		A	1.0
4	☐	1.000		9277657.64		A	1.8
5	☐	1.000		9208511.28		A	1.4
6	☐	1.000		9038678.78		A	1.2
7	☐	1.000		9235327.40		A	0.2
8	☐	1.000		8826377.50		A	0.5

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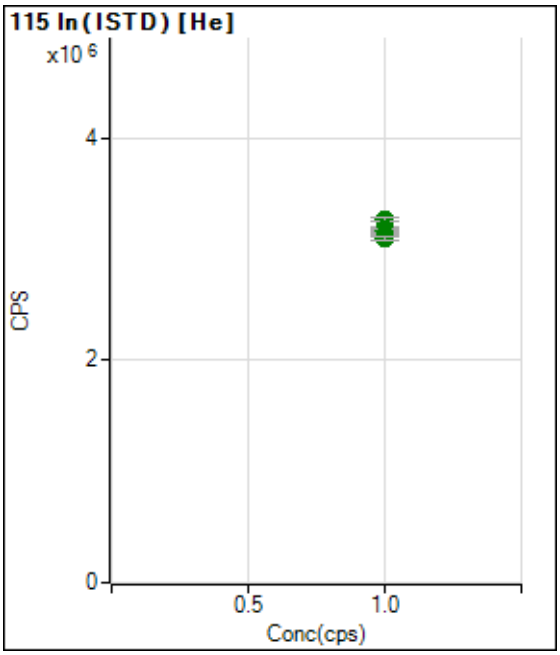
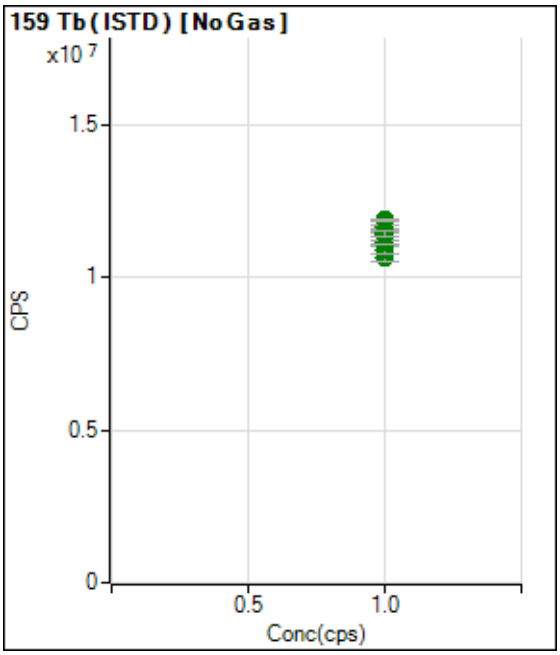


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3263982.39		A	1.1
2	☐	1.000		3148245.39		A	0.6
3	☐	1.000		3171091.39		A	1.3
4	☐	1.000		3176592.64		A	0.9
5	☐	1.000		3172661.02		A	1.2
6	☐	1.000		3126506.48		A	0.4
7	☐	1.000		3134515.83		A	0.3
8	☐	1.000		3097369.52		A	1.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11143917.61		A	1.5
2	☐	1.000		10629922.41		A	2.3
3	☐	1.000		10902902.27		A	2.2
4	☐	1.000		11163771.22		A	1.3
5	☐	1.000		11430830.52		A	1.2
6	☐	1.000		11660366.77		A	1.0
7	☐	1.000		11894428.16		A	0.2
8	☐	1.000		11459283.72		A	1.7

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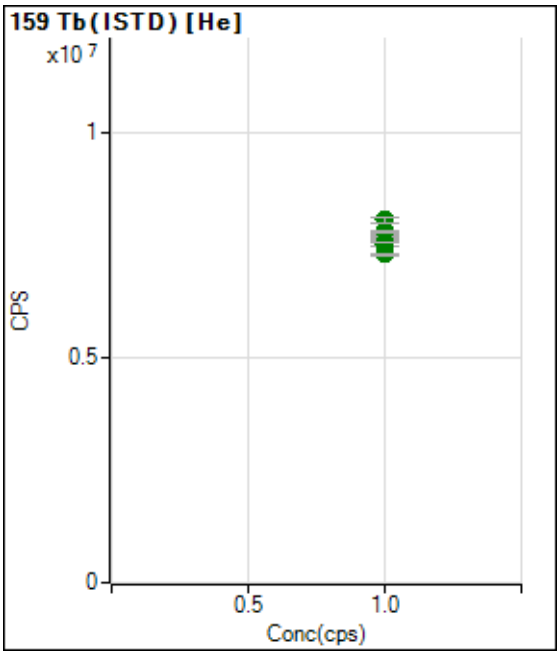

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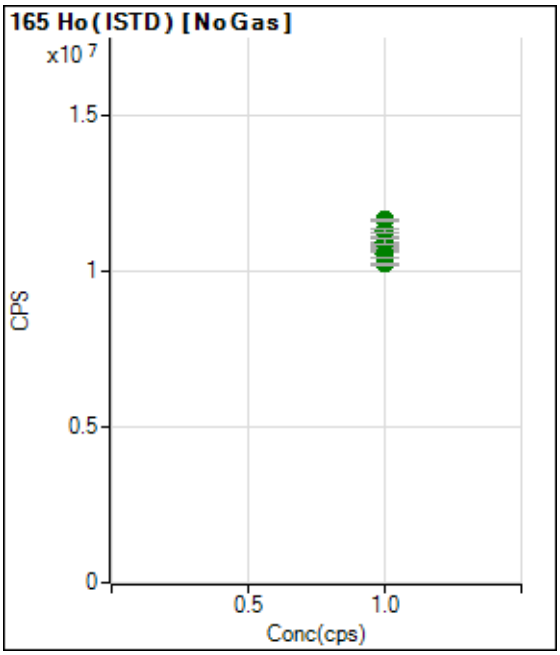
1	☐	1.000		7526328.43		A	1.7
2	☐	1.000		7285488.36		A	0.2
3	☐	1.000		7545255.72		A	2.1
4	☐	1.000		7583285.37		A	0.1
5	☐	1.000		7690608.49		A	0.5
6	☐	1.000		7803051.34		A	0.5
7	☐	1.000		8055057.52		A	1.4
8	☐	1.000		7559983.15		A	0.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10794874.70		A	2.3
2	☐	1.000		10228690.96		A	0.9
3	☐	1.000		10534219.98		A	1.5
4	☐	1.000		10774280.40		A	0.7
5	☐	1.000		11044225.11		A	1.9
6	☐	1.000		11302001.36		A	0.6
7	☐	1.000		11653110.10		A	0.4
8	☐	1.000		10953294.70		A	1.7

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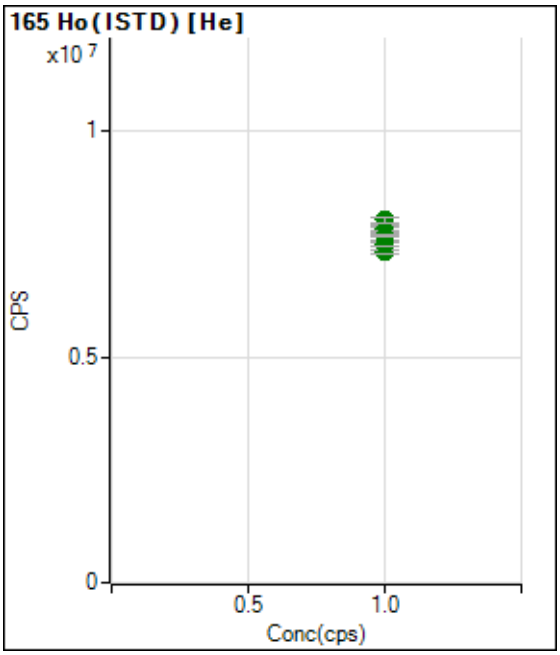

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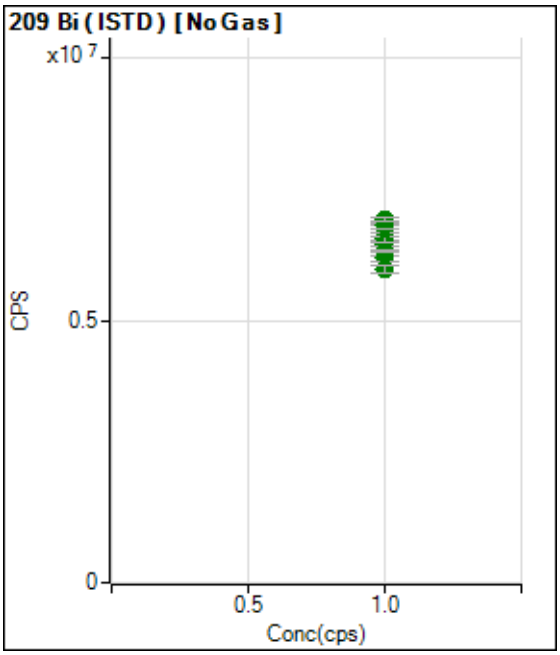
1	☐	1.000		7489210.79		A	1.0
2	☐	1.000		7312445.93		A	0.8
3	☐	1.000		7502262.53		A	1.6
4	☐	1.000		7712927.80		A	0.9
5	☐	1.000		7837460.09		A	1.2
6	☐	1.000		7845339.40		A	1.4
7	☐	1.000		8029354.67		A	1.4
8	☐	1.000		7671376.83		A	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6460093.37		A	1.3
2	☐	1.000		6177667.62		A	1.6
3	☐	1.000		6303864.49		A	0.6
4	☐	1.000		6542342.26		A	1.8
5	☐	1.000		6738953.23		A	1.9
6	☐	1.000		6801174.27		A	1.8
7	☐	1.000		6912109.00		A	1.1
8	☐	1.000		5962846.09		A	2.2

Reviewed By:Mohan
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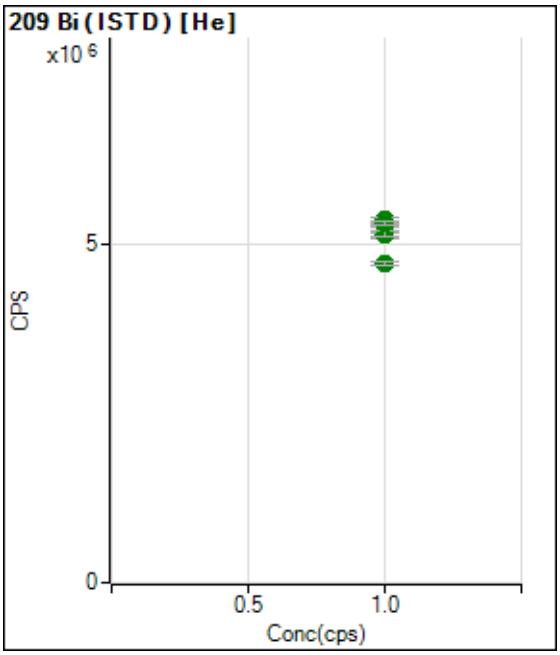


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5215001.55		A	1.6
2	☐	1.000		5151455.51		A	1.6
3	☐	1.000		5167286.45		A	2.0
4	☐	1.000		5321392.39		A	0.7
5	☐	1.000		5374594.82		A	1.0
6	☐	1.000		5326019.61		A	1.5
7	☐	1.000		5334781.52		A	0.9
8	☐	1.000		4725475.55		A	0.8

US EPA Tune Check Report

Reviewed By:Moh
On:10/25/2024 5:5
PM
Inst Id :P7
ClientSampleId
:TUNE005

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7102524-MS2.b

Acq. Date-Time 2024-10-25 13:54:24

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		12675	126748.95			0.739	5.000
24		429266	4292661.65			1.353	5.000
25		59878	598782.36			1.198	5.000
26		68422	684224.59			1.120	5.000
59		95074	950735.72			0.764	5.000
113		6555	65548.80			0.458	5.000
115		145163	1451626.00			0.781	5.000
206		25295	252946.75			0.360	5.000
207		21098	210983.16			0.497	5.000
208		51606	516063.80			0.450	5.000
220		1	8.90			10.806	

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	12554	12602	12697	12755	12766
24	421145	426507	429347	433424	435908
25	58802	59593	59985	60402	60609
26	67727	67930	68442	68321	69692
59	94816	94286	95264	96216	94786
113	6539	6530	6559	6605	6542
115	146310	146022	145490	144353	143639
206	25334	25185	25412	25223	25320
207	21024	20970	21218	21095	21185
208	51786	51320	51774	51387	51765

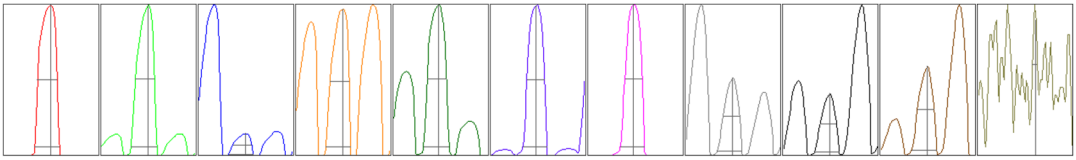
US EPA Tune Check Report

Reviewed By:Moh
On:10/25/2024 5:5
PM
Inst Id :P7
ClientSampleId
:TUNE005

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	21593.01	9.00	8.90 - 9.10	
24	755242.25	24.00	23.90 - 24.10	
25	105885.18	25.00	24.90 - 25.10	
26	116308.46	26.00	25.90 - 26.10	
59	162579.16	58.95	58.90 - 59.10	
113	12054.06	112.95	112.90 - 113.10	
115	269057.98	114.95	114.90 - 115.10	
206	49539.59	206.00	205.90 - 206.10	
207	41064.58	207.00	206.90 - 207.10	
208	100506.15	208.00	207.90 - 208.10	
220	1.30	220.35	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.781	0.900	
24	0.61	0.822	0.900	
25	0.60	0.777	0.900	
26	0.62	0.781	0.900	
59	0.62	0.821	0.900	
113	0.55	0.765	0.900	
115	0.54	0.771	0.900	
206	0.52	0.780	0.900	
207	0.52	0.777	0.900	
208	0.53	0.790	0.900	
220	0.15			

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

Reviewed By:Moh
On:10/25/2024 5:5
PM
Inst Id :P7
ClientSampleId
:TUNE005

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.3 V	Deflect	14.6 V
Extract 2	-230.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-105 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.09		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.7 mm

EM

Discriminator	4.9 mV	Analog HV	2413 V	Pulse HV	1976 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		34137	341366.46			0.504	
89		156053	1560530.31			1.650	
205		38298	382977.26			0.503	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	34429	34153	34051	34042	34008
89	160296	155259	154205	156515	153990
205	38061	38392	38569	38265	38202

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	9.3 V	Deflect	3.6 V

US EPA Tune Check Report

Reviewed By:Moh
On:10/25/2024 5:5
PM
Inst Id :P7
ClientSampleId
:TUNE005

Extract 2	-220.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.09		

Hardware Settings

Torch

Torch H	-0.6 mm	Torch V	0.7 mm		

EM

Discriminator	4.9 mV	Analog HV	2413 V	Pulse HV	1976 V

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:34:05	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.33	0.51	0.82	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.03	0.02	0.00	N/A	ppb
Cadmium	106-1	0.22	0.07	-0.29	0.00	N/A	ppb
Cadmium	111-1	0.02	0.01	-0.02	0.00	N/A	ppb
Calcium	43-1	-0.53	1.35	-0.82	0.00	N/A	ppb
Calcium	44-1	-0.38	-0.87	1.25	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	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	-0.02	0.04	0.00	N/A	ppb
Iron	57-2	-0.82	0.30	0.52	0.00	N/A	ppb
Iron	54-2	0.67	-1.03	0.36	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:34:05	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.20	-0.17	-0.03	0.00	N/A	ppb
Manganese	55-2	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-12.12	-16.45	-14.83	-14.47		ppb
Potassium	39-2	-1.08	0.66	0.41	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.20	0.09	-0.28	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.64	-0.60	-0.04	0.00	N/A	ppb
Silicon	28-1	0.02	-0.09	0.07	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	0.30	-0.75	0.45	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	-125.93	-221.24	-107.66	-151.61		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	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.09	0.17	-0.08	0.00	N/A	ppb

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:34:05	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	0.08	-0.13	0.05	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:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:37:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-17.48	-16.83	-17.98	-17.43		ppb
Antimony	121-1	2.02	1.97	2.01	2.00	1.33	ppb
Arsenic	75-2	1.05	1.02	1.00	1.02	2.23	ppb
Barium	135-1	9.53	9.22	9.29	9.35	1.74	ppb
Barium	137-1	9.48	9.15	9.44	9.36	1.90	ppb
Beryllium	9-1	1.07	1.18	0.99	1.08	8.74	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.11	1.04	1.04	1.06	3.45	ppb
Cadmium	106-1	0.74	0.72	0.37	0.61	33.72	ppb
Cadmium	111-1	0.97	1.08	1.01	1.02	5.32	ppb
Calcium	43-1	508.07	489.68	498.27	498.67	1.84	ppb
Calcium	44-1	503.08	504.92	505.20	504.40	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.14	2.07	2.11	1.73	ppb
Cobalt	59-2	1.08	1.05	1.04	1.06	1.87	ppb
Copper	63-2	2.04	1.95	2.08	2.02	3.10	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				95		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	54.57	54.59	54.39	54.52	0.21	ppb
Iron	57-2	57.12	56.35	55.33	56.27	1.60	ppb
Iron	54-2	56.49	57.46	57.89	57.28	1.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:37:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.87	0.89	0.87	0.88	1.35	ppb
Lead	207-1	0.82	0.91	0.84	0.86	5.49	ppb
Lead	208-1	0.83	0.90	0.85	0.86	4.18	ppb
Lithium	6-1				97		%
Magnesium	24-2	555.76	552.97	556.49	555.07	0.33	ppb
Manganese	55-2	0.99	0.95	0.99	0.98	2.15	ppb
Molybdenum	94-1	5.31	5.34	5.41	5.35	1.02	ppb
Molybdenum	95-1	4.47	4.53	4.52	4.51	0.75	ppb
Molybdenum	96-1	4.52	4.61	4.54	4.56	1.08	ppb
Molybdenum	97-1	4.36	4.50	4.46	4.44	1.51	ppb
Molybdenum	98-1	4.41	4.46	4.38	4.42	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.08	1.08	1.08	0.23	ppb
Phosphorus	31-2	11.96	17.48	13.97	14.47	19.31	ppb
Potassium	39-2	523.77	518.51	514.48	518.92	0.90	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	82-1	4.78	5.23	5.06	5.02	4.47	ppb
Selenium	77-2	4.91	4.86	6.10	5.29	13.30	ppb
Selenium	78-2	4.24	5.90	5.92	5.35	17.98	ppb
Silicon	28-1	2.20	1.95	1.98	2.04	6.54	ppb
Silver	107-1	0.98	1.00	1.00	0.99	1.06	ppb
Silver	109-1	1.00	1.00	0.98	0.99	1.01	ppb
Sodium	23-2	516.06	514.00	512.62	514.23	0.34	ppb
Strontium	86-1	1.03	1.02	1.04	1.03	1.16	ppb
Strontium	88-1	1.01	1.00	1.00	1.00	0.37	ppb
Sulfur	34-1	271.98	144.80	38.04	151.61	77.25	ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.86	0.86	0.85	0.86	0.61	ppb
Thallium	205-1	0.85	0.89	0.86	0.87	2.22	ppb
Tin	118-1	4.88	4.87	4.95	4.90	0.82	ppb
Titanium	47-1	4.54	4.44	4.36	4.45	2.14	ppb

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:37:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.83	0.81	0.81	1.78	ppb
Vanadium	51-2	5.08	5.06	5.05	5.06	0.23	ppb
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	3.50	3.89	3.14	3.51	10.66	ppb
Zirconium	90-1	1.00	1.04	0.99	1.01	2.82	ppb
Zirconium	91-1	1.02	1.05	1.03	1.03	1.69	ppb

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:40:43	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1036.33	1013.96	1016.40	1022.23	1.20	ppb
Antimony	121-1	50.86	51.04	50.91	50.94	0.18	ppb
Arsenic	75-2	50.66	51.01	50.67	50.78	0.39	ppb
Barium	135-1	247.20	247.13	243.93	246.09	0.76	ppb
Barium	137-1	247.84	248.19	248.29	248.10	0.10	ppb
Beryllium	9-1	52.54	56.44	53.01	54.00	3.94	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.69	54.07	53.07	53.95	1.52	ppb
Cadmium	106-1	53.19	53.39	51.78	52.79	1.66	ppb
Cadmium	111-1	53.27	53.64	52.78	53.23	0.81	ppb
Calcium	43-1	6164.96	6217.46	6241.11	6207.84	0.63	ppb
Calcium	44-1	5396.44	5392.69	5393.97	5394.37	0.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.72	51.11	52.30	51.71	1.15	ppb
Cobalt	59-2	51.27	50.71	51.71	51.23	0.97	ppb
Copper	63-2	507.18	497.63	507.75	504.18	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				98		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	2630.59	2583.77	2563.37	2592.58	1.33	ppb
Iron	57-2	2791.71	2732.12	2750.40	2758.08	1.11	ppb
Iron	54-2	2843.99	2805.19	2802.14	2817.10	0.83	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:40:43	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	246.67	260.32	255.20	254.07	2.71	ppb
Lead	207-1	222.46	229.71	229.16	227.11	1.78	ppb
Lead	208-1	239.69	244.14	246.40	243.41	1.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	5067.69	4985.41	5050.80	5034.63	0.86	ppb
Manganese	55-2	500.70	492.76	498.76	497.40	0.83	ppb
Molybdenum	94-1	500.00	500.94	507.18	502.70	0.78	ppb
Molybdenum	95-1	498.57	503.19	497.76	499.84	0.59	ppb
Molybdenum	96-1	507.05	493.89	502.28	501.08	1.33	ppb
Molybdenum	97-1	496.46	502.85	508.46	502.59	1.19	ppb
Molybdenum	98-1	483.38	499.26	490.22	490.96	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.36	50.33	50.55	50.75	1.07	ppb
Phosphorus	31-2	1006.17	994.61	988.02	996.27	0.92	ppb
Potassium	39-2	2440.28	2437.90	2465.05	2447.74	0.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	50.01	50.84	50.87	50.57	0.96	ppb
Selenium	77-2	46.15	48.77	48.96	47.96	3.28	ppb
Selenium	78-2	48.49	52.83	50.44	50.59	4.30	ppb
Silicon	28-1	56.41	57.37	56.99	56.92	0.84	ppb
Silver	107-1	54.02	53.89	53.57	53.83	0.43	ppb
Silver	109-1	54.13	54.42	54.21	54.25	0.27	ppb
Sodium	23-2	5061.18	5023.43	5091.30	5058.63	0.67	ppb
Strontium	86-1	1242.42	1255.75	1251.12	1249.77	0.54	ppb
Strontium	88-1	1240.03	1246.81	1255.62	1247.49	0.63	ppb
Sulfur	34-1	1139.75	942.82	937.69	1006.75	11.44	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	44.06	45.54	45.80	45.14	2.08	ppb
Thallium	205-1	44.69	46.24	45.59	45.51	1.71	ppb
Tin	118-1	50.63	51.77	51.20	51.20	1.11	ppb
Titanium	47-1	511.57	510.18	517.38	513.04	0.74	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:40:43	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.04	43.79	43.50	43.11	2.18	ppb
Vanadium	51-2	51.68	50.37	50.93	50.99	1.29	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	500.67	495.39	505.83	500.63	1.04	ppb
Zirconium	90-1	50.21	50.95	51.83	51.00	1.59	ppb
Zirconium	91-1	50.73	51.27	51.61	51.20	0.87	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:43:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2631.10	2628.08	2612.20	2623.80	0.39	ppb
Antimony	121-1	127.93	129.63	127.33	128.30	0.93	ppb
Arsenic	75-2	128.48	127.25	127.66	127.80	0.49	ppb
Barium	135-1	641.48	667.94	646.63	652.02	2.15	ppb
Barium	137-1	642.54	666.90	652.62	654.02	1.87	ppb
Beryllium	9-1	135.53	136.92	139.09	137.18	1.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	132.16	138.30	135.58	135.35	2.27	ppb
Cadmium	106-1	133.70	133.97	135.13	134.27	0.57	ppb
Cadmium	111-1	131.40	134.34	131.59	132.44	1.24	ppb
Calcium	43-1	15652.01	16125.14	15850.26	15875.80	1.50	ppb
Calcium	44-1	13840.72	13862.47	13626.34	13776.51	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.70	133.42	131.94	132.69	0.56	ppb
Cobalt	59-2	132.00	131.06	131.46	131.51	0.36	ppb
Copper	63-2	1315.63	1322.24	1304.15	1314.01	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	6732.11	6605.28	6712.05	6683.15	1.02	ppb
Iron	57-2	7105.95	7151.99	7156.05	7137.99	0.39	ppb
Iron	54-2	6812.97	6663.66	6780.73	6752.46	1.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:43:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	634.53	628.61	655.96	639.70	2.25	ppb
Lead	207-1	631.15	620.95	642.71	631.60	1.72	ppb
Lead	208-1	624.61	624.03	639.74	629.46	1.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	12978.13	12809.11	12747.70	12844.98	0.93	ppb
Manganese	55-2	1273.22	1264.07	1275.64	1270.98	0.48	ppb
Molybdenum	94-1	1255.87	1273.66	1255.92	1261.82	0.81	ppb
Molybdenum	95-1	1240.79	1251.88	1266.02	1252.89	1.01	ppb
Molybdenum	96-1	1252.87	1273.88	1246.18	1257.64	1.15	ppb
Molybdenum	97-1	1252.55	1271.66	1248.87	1257.69	0.97	ppb
Molybdenum	98-1	1258.42	1269.12	1250.19	1259.24	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.23	130.86	130.70	130.93	0.21	ppb
Phosphorus	31-2	2589.34	2579.62	2583.45	2584.14	0.19	ppb
Potassium	39-2	6290.88	6201.56	6206.81	6233.08	0.80	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	128.06	128.45	129.27	128.59	0.48	ppb
Selenium	77-2	119.58	123.84	125.70	123.04	2.55	ppb
Selenium	78-2	129.59	127.17	126.69	127.82	1.22	ppb
Silicon	28-1	127.73	130.21	126.29	128.08	1.55	ppb
Silver	107-1	135.10	138.42	133.92	135.81	1.72	ppb
Silver	109-1	135.80	137.52	133.68	135.66	1.42	ppb
Sodium	23-2	12995.60	12903.07	13040.92	12979.86	0.54	ppb
Strontium	86-1	3167.31	3177.44	3157.43	3167.40	0.32	ppb
Strontium	88-1	3154.52	3170.40	3162.17	3162.36	0.25	ppb
Sulfur	34-1	2627.75	2519.08	2311.01	2485.95	6.47	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	116.49	112.17	114.38	114.35	1.89	ppb
Thallium	205-1	125.05	124.27	129.24	126.19	2.12	ppb
Tin	118-1	126.98	130.25	128.64	128.62	1.27	ppb
Titanium	47-1	1267.22	1274.31	1266.32	1269.28	0.35	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:43:45	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	122.73	122.90	125.24	123.63	1.14	ppb
Vanadium	51-2	132.39	131.43	131.92	131.91	0.36	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1310.16	1305.71	1307.23	1307.70	0.17	ppb
Zirconium	90-1	127.03	126.98	125.97	126.66	0.47	ppb
Zirconium	91-1	127.47	129.12	128.32	128.30	0.64	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:46:38	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4997.74	4879.85	4941.88	4939.83	1.19	ppb
Antimony	121-1	255.10	254.63	251.07	253.60	0.87	ppb
Arsenic	75-2	250.28	245.05	245.48	246.94	1.18	ppb
Barium	135-1	1268.89	1273.59	1251.61	1264.70	0.92	ppb
Barium	137-1	1253.95	1253.53	1259.90	1255.79	0.28	ppb
Beryllium	9-1	260.82	264.94	274.61	266.79	2.65	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	260.61	255.57	258.35	258.18	0.98	ppb
Cadmium	106-1	255.37	256.74	258.94	257.02	0.70	ppb
Cadmium	111-1	255.47	256.85	257.33	256.55	0.38	ppb
Calcium	43-1	30577.49	31357.96	31768.51	31234.65	1.94	ppb
Calcium	44-1	26713.67	27189.52	27764.77	27222.65	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258.72	260.82	260.93	260.16	0.48	ppb
Cobalt	59-2	254.47	254.59	253.40	254.15	0.26	ppb
Copper	63-2	2514.98	2535.91	2545.58	2532.16	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				102		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	13189.38	13121.39	13301.19	13203.99	0.69	ppb
Iron	57-2	13028.41	13248.41	13336.03	13204.28	1.20	ppb
Iron	54-2	13414.00	13330.32	13645.16	13463.16	1.21	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:46:38	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1248.83	1283.90	1269.40	1267.37	1.39	ppb
Lead	207-1	1234.02	1276.10	1269.76	1259.96	1.80	ppb
Lead	208-1	1239.30	1280.94	1255.19	1258.48	1.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	25140.48	25416.16	25407.29	25321.31	0.62	ppb
Manganese	55-2	2505.64	2506.02	2523.32	2511.66	0.40	ppb
Molybdenum	94-1	2484.33	2511.64	2515.62	2503.86	0.68	ppb
Molybdenum	95-1	2481.63	2506.98	2489.45	2492.68	0.52	ppb
Molybdenum	96-1	2467.88	2524.83	2496.71	2496.47	1.14	ppb
Molybdenum	97-1	2475.05	2523.73	2499.07	2499.28	0.97	ppb
Molybdenum	98-1	2480.49	2505.32	2487.83	2491.21	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	254.07	253.52	255.29	254.29	0.36	ppb
Phosphorus	31-2	4997.87	4963.41	5058.80	5006.69	0.96	ppb
Potassium	39-2	12236.95	12221.38	12269.71	12242.68	0.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	251.69	256.04	251.22	252.98	1.05	ppb
Selenium	77-2	256.46	242.09	251.88	250.15	2.93	ppb
Selenium	78-2	256.47	246.73	241.47	248.22	3.07	ppb
Silicon	28-1	255.33	259.47	264.49	259.76	1.77	ppb
Silver	107-1	262.94	260.80	259.74	261.16	0.62	ppb
Silver	109-1	258.00	263.05	262.67	261.24	1.08	ppb
Sodium	23-2	25522.50	25501.19	25697.02	25573.57	0.42	ppb
Strontium	86-1	6205.89	6216.80	6281.47	6234.72	0.66	ppb
Strontium	88-1	6186.59	6233.80	6249.67	6223.35	0.53	ppb
Sulfur	34-1	4846.93	4970.31	4946.26	4921.17	1.33	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	252.44	253.28	250.15	251.96	0.64	ppb
Thallium	205-1	248.92	252.01	254.92	251.95	1.19	ppb
Tin	118-1	250.36	254.21	252.72	252.43	0.77	ppb
Titanium	47-1	2448.83	2492.31	2537.91	2493.02	1.79	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:46:38	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	244.26	243.62	240.95	242.94	0.72	ppb
Vanadium	51-2	260.39	257.58	260.87	259.62	0.69	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	2539.19	2530.28	2549.17	2539.55	0.37	ppb
Zirconium	90-1	245.82	250.90	249.51	248.74	1.05	ppb
Zirconium	91-1	251.13	255.30	256.10	254.18	1.05	ppb

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:49:25	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9793.21	9903.66	9833.09	9843.32	0.57	ppb
Antimony	121-1	495.04	500.80	498.47	498.11	0.58	ppb
Arsenic	75-2	498.08	495.39	492.60	495.36	0.55	ppb
Barium	135-1	2434.21	2517.45	2468.03	2473.23	1.69	ppb
Barium	137-1	2444.19	2487.52	2498.39	2476.70	1.16	ppb
Beryllium	9-1	517.84	541.40	524.55	527.93	2.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	497.04	505.44	506.62	503.03	1.04	ppb
Cadmium	106-1	494.64	503.69	504.93	501.09	1.12	ppb
Cadmium	111-1	491.66	503.97	495.91	497.18	1.26	ppb
Calcium	43-1	59693.68	58984.71	58566.88	59081.76	0.96	ppb
Calcium	44-1	54214.88	54017.16	54833.19	54355.08	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.56	502.78	505.12	504.15	0.24	ppb
Cobalt	59-2	510.78	503.68	509.31	507.92	0.74	ppb
Copper	63-2	5119.45	5035.44	5059.49	5071.46	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	26422.80	26448.26	26499.95	26457.01	0.15	ppb
Iron	57-2	26537.39	26513.41	26010.96	26353.92	1.13	ppb
Iron	54-2	26562.05	26877.37	26835.73	26758.38	0.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:49:25	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2496.39	2575.08	2494.97	2522.14	1.82	ppb
Lead	207-1	2483.08	2537.32	2500.64	2507.01	1.10	ppb
Lead	208-1	2467.22	2539.45	2501.00	2502.56	1.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	50219.61	50352.51	50456.83	50342.98	0.24	ppb
Manganese	55-2	5019.72	5061.78	5026.37	5035.96	0.45	ppb
Molybdenum	94-1	5008.52	4968.37	5056.31	5011.07	0.88	ppb
Molybdenum	95-1	4928.75	4981.36	5024.51	4978.21	0.96	ppb
Molybdenum	96-1	4955.46	4965.88	5016.75	4979.36	0.66	ppb
Molybdenum	97-1	4962.71	4976.83	5021.06	4986.87	0.61	ppb
Molybdenum	98-1	4924.22	4979.48	4985.76	4963.16	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.20	504.46	504.47	504.71	0.08	ppb
Phosphorus	31-2	10052.75	9946.71	9982.87	9994.11	0.54	ppb
Potassium	39-2	24471.87	24261.24	24516.75	24416.62	0.56	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	498.92	503.14	503.05	501.70	0.48	ppb
Selenium	77-2	497.34	502.77	474.50	491.54	3.05	ppb
Selenium	78-2	495.60	500.06	494.29	496.65	0.61	ppb
Silicon	28-1	520.51	521.07	527.05	522.88	0.69	ppb
Silver	107-1	497.72	508.76	501.07	502.52	1.13	ppb
Silver	109-1	503.18	510.08	502.42	505.23	0.83	ppb
Sodium	23-2	50733.61	51127.72	50708.74	50856.69	0.46	ppb
Strontium	86-1	12326.60	12468.02	12462.28	12418.96	0.64	ppb
Strontium	88-1	12228.11	12449.89	12459.95	12379.32	1.06	ppb
Sulfur	34-1	9957.64	9669.14	9854.87	9827.22	1.49	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	490.78	508.35	502.07	500.40	1.78	ppb
Thallium	205-1	496.20	508.22	498.14	500.85	1.29	ppb
Tin	118-1	490.30	495.73	497.40	494.47	0.75	ppb
Titanium	47-1	4979.64	4937.67	5039.67	4985.66	1.03	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:49:25	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	495.43	506.02	500.38	500.61	1.06	ppb
Vanadium	51-2	506.37	501.60	498.24	502.07	0.81	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	5056.17	5035.23	5141.56	5077.65	1.11	ppb
Zirconium	90-1	495.61	502.15	504.35	500.70	0.91	ppb
Zirconium	91-1	489.22	500.91	504.07	498.07	1.57	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:52:13	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19840.34	19545.50	19618.65	19668.16	0.78	ppb
Antimony	121-1	968.20	1014.39	1016.17	999.59	2.72	ppb
Arsenic	75-2	1009.15	1006.30	992.66	1002.70	0.88	ppb
Barium	135-1	4877.36	5066.36	5075.88	5006.53	2.24	ppb
Barium	137-1	4975.07	4998.55	5046.40	5006.67	0.73	ppb
Beryllium	9-1	951.37	1000.53	988.44	980.12	2.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	976.16	1008.19	1000.50	994.95	1.68	ppb
Cadmium	106-1	979.09	997.39	1012.74	996.41	1.69	ppb
Cadmium	111-1	985.66	997.87	1012.52	998.68	1.35	ppb
Calcium	43-1	115080.79	118136.11	119031.03	117415.98	1.76	ppb
Calcium	44-1	106304.69	108941.12	109099.87	108115.23	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	990.06	986.80	1006.15	994.34	1.04	ppb
Cobalt	59-2	1000.85	977.41	1004.12	994.13	1.47	ppb
Copper	63-2	9990.48	9861.48	9992.10	9948.02	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	52638.57	51950.64	52289.89	52293.03	0.66	ppb
Iron	57-2	51606.98	51470.18	51891.84	51656.33	0.42	ppb
Iron	54-2	53105.00	52595.67	53092.68	52931.12	0.55	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:52:13	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4879.18	5128.26	4940.19	4982.54	2.61	ppb
Lead	207-1	4970.54	5089.07	4923.37	4994.32	1.71	ppb
Lead	208-1	4958.92	5074.94	4955.25	4996.37	1.36	ppb
Lithium	6-1				102		%
Magnesium	24-2	100460.88	99492.89	99522.17	99825.31	0.55	ppb
Manganese	55-2	10053.55	9900.98	9975.31	9976.61	0.76	ppb
Molybdenum	94-1	10009.53	9985.09	9981.05	9991.89	0.15	ppb
Molybdenum	95-1	9976.73	10088.98	9971.40	10012.37	0.66	ppb
Molybdenum	96-1	9949.76	10190.19	9890.62	10010.19	1.59	ppb
Molybdenum	97-1	9954.76	10168.16	9894.03	10005.65	1.44	ppb
Molybdenum	98-1	9967.53	10117.19	9975.03	10019.92	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.46	988.93	992.99	995.79	0.87	ppb
Phosphorus	31-2	20059.86	19932.81	19980.16	19990.94	0.32	ppb
Potassium	39-2	49247.75	48544.60	48505.08	48765.81	0.86	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	986.36	1006.83	1000.58	997.93	1.05	ppb
Selenium	77-2	1024.55	1002.26	986.81	1004.54	1.89	ppb
Selenium	78-2	1010.62	995.44	999.14	1001.73	0.79	ppb
Silicon	28-1	979.01	980.23	997.17	985.47	1.03	ppb
Silver	107-1	976.88	992.17	1014.18	994.41	1.89	ppb
Silver	109-1	970.68	995.73	1012.68	993.03	2.13	ppb
Sodium	23-2	102275.37	101610.84	101024.95	101637.05	0.62	ppb
Strontium	86-1	24816.60	25080.23	25220.32	25039.05	0.82	ppb
Strontium	88-1	24836.29	25161.16	25189.93	25062.46	0.78	ppb
Sulfur	34-1	19824.07	20446.15	20052.33	20107.52	1.57	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	1003.12	1005.48	994.06	1000.89	0.60	ppb
Thallium	205-1	998.34	1012.78	986.37	999.16	1.32	ppb
Tin	118-1	987.74	1012.17	1005.02	1001.64	1.25	ppb
Titanium	47-1	9867.24	10069.38	10080.94	10005.85	1.20	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:52:13	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	992.87	1031.98	981.08	1001.98	2.66	ppb
Vanadium	51-2	990.53	986.51	1009.90	995.65	1.26	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	9996.20	9851.23	9984.70	9944.04	0.81	ppb
Zirconium	90-1	990.80	1005.60	1002.72	999.71	0.79	ppb
Zirconium	91-1	995.16	1009.59	993.59	999.45	0.88	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:54:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100426.14	99926.87	99892.19	100081.73	0.30	ppb
Antimony	121-1	0.73	0.71	0.75	0.73	2.61	ppb
Arsenic	75-2	0.60	0.60	0.50	0.57	10.71	ppb
Barium	135-1	2.10	2.11	1.89	2.03	5.97	ppb
Barium	137-1	2.09	2.05	2.04	2.06	1.31	ppb
Beryllium	9-1	0.13	0.13	0.08	0.11	27.72	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.29	0.40	0.30	0.33	19.69	ppb
Cadmium	106-1	-1.27	-0.57	-1.12	-0.99		ppb
Cadmium	111-1	0.03	0.07	0.04	0.04	46.82	ppb
Calcium	43-1	494146.98	499512.74	491941.55	495200.42	0.79	ppb
Calcium	44-1	495699.63	500412.88	497270.85	497794.45	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.10	3.06	3.01	3.06	1.33	ppb
Cobalt	59-2	2.61	2.63	2.55	2.60	1.60	ppb
Copper	63-2	1.62	1.64	1.68	1.65	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	249214.10	249673.91	249158.21	249348.74	0.11	ppb
Iron	57-2	249015.60	248873.92	250530.52	249473.35	0.37	ppb
Iron	54-2	251141.17	248172.61	248208.37	249174.05	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:54:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.94	0.96	0.92	0.94	2.04	ppb
Lead	207-1	0.95	0.93	0.86	0.91	5.28	ppb
Lead	208-1	0.94	0.92	0.86	0.91	4.46	ppb
Lithium	6-1				97		%
Magnesium	24-2	500951.25	498617.38	500358.01	499975.55	0.24	ppb
Manganese	55-2	4.70	4.74	4.55	4.66	2.11	ppb
Molybdenum	94-1	2.45	2.33	2.21	2.33	5.06	ppb
Molybdenum	95-1	1.53	1.44	1.38	1.45	5.31	ppb
Molybdenum	96-1	3.09	3.02	2.88	3.00	3.51	ppb
Molybdenum	97-1	1.57	1.45	1.37	1.47	6.89	ppb
Molybdenum	98-1	1.49	1.39	1.32	1.40	6.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.67	3.62	3.53	3.61	2.02	ppb
Phosphorus	31-2	-7.05	-8.20	-10.24	-8.50		ppb
Potassium	39-2	251261.17	249113.03	250582.65	250318.95	0.44	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	1.16	0.93	0.76	0.95	20.93	ppb
Selenium	77-2	0.18	0.18	0.18	0.18	1.00	ppb
Selenium	78-2	0.11	-0.29	0.45	0.09	423.26	ppb
Silicon	28-1	2.49	2.28	1.93	2.23	12.80	ppb
Silver	107-1	0.16	0.13	0.12	0.14	12.92	ppb
Silver	109-1	0.15	0.12	0.12	0.13	13.44	ppb
Sodium	23-2	500591.82	499085.47	498959.64	499545.64	0.18	ppb
Strontium	86-1	4.36	4.10	3.98	4.14	4.69	ppb
Strontium	88-1	4.38	4.14	3.88	4.13	6.09	ppb
Sulfur	34-1	-926.55	-880.96	-814.21	-873.91		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.12	0.10	0.12	16.98	ppb
Thallium	205-1	0.14	0.12	0.11	0.12	12.84	ppb
Tin	118-1	0.25	0.25	0.30	0.27	10.80	ppb
Titanium	47-1	1.10	1.08	1.02	1.07	3.81	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:54:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.05	0.05	12.36	ppb
Vanadium	51-2	0.18	0.18	0.20	0.19	3.98	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	4.27	4.26	4.33	4.29	0.83	ppb
Zirconium	90-1	0.60	0.59	0.55	0.58	4.03	ppb
Zirconium	91-1	0.59	0.59	0.57	0.58	1.47	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:00:18	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.24	503.02	500.44	500.23	0.58	ppb
Antimony	121-1	203.53	207.13	208.13	206.26	1.17	ppb
Arsenic	75-2	197.82	200.37	201.81	200.00	1.01	ppb
Barium	135-1	94.38	96.39	95.82	95.53	1.08	ppb
Barium	137-1	95.44	96.86	96.70	96.33	0.80	ppb
Beryllium	9-1	99.86	100.47	97.28	99.20	1.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.15	97.00	97.25	96.47	1.19	ppb
Cadmium	106-1	90.41	90.29	91.52	90.74	0.75	ppb
Cadmium	111-1	103.06	105.78	103.46	104.10	1.41	ppb
Calcium	43-1	2040.95	2040.86	2080.55	2054.12	1.11	ppb
Calcium	44-1	2057.55	2042.77	2079.04	2059.79	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.92	105.19	105.00	104.70	0.66	ppb
Cobalt	59-2	103.27	103.92	104.36	103.85	0.53	ppb
Copper	63-2	97.01	96.78	97.35	97.04	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				102		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	2036.91	2045.12	2060.47	2047.50	0.58	ppb
Iron	57-2	2166.37	2189.92	2212.29	2189.53	1.05	ppb
Iron	54-2	2265.68	2260.59	2259.56	2261.94	0.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:00:18	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	192.00	193.14	196.30	193.82	1.15	ppb
Lead	207-1	182.09	182.84	188.23	184.39	1.82	ppb
Lead	208-1	195.38	196.04	200.08	197.16	1.29	ppb
Lithium	6-1				97		%
Magnesium	24-2	1230.16	1235.97	1241.54	1235.89	0.46	ppb
Manganese	55-2	102.19	103.68	103.53	103.13	0.79	ppb
Molybdenum	94-1	1.06	0.90	0.87	0.94	11.08	ppb
Molybdenum	95-1	0.11	0.11	0.11	0.11	4.25	ppb
Molybdenum	96-1	0.22	0.22	0.21	0.22	1.44	ppb
Molybdenum	97-1	0.11	0.10	0.10	0.11	6.74	ppb
Molybdenum	98-1	0.10	0.12	0.10	0.11	7.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.61	104.69	104.54	103.95	1.11	ppb
Phosphorus	31-2	-14.21	-12.39	-12.54	-13.05		ppb
Potassium	39-2	1870.43	1911.29	1899.20	1893.64	1.11	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	205.84	209.82	208.54	208.06	0.98	ppb
Selenium	77-2	194.26	193.20	206.98	198.15	3.87	ppb
Selenium	78-2	206.67	206.28	201.72	204.89	1.34	ppb
Silicon	28-1	0.71	0.65	0.80	0.72	10.47	ppb
Silver	107-1	49.87	51.06	51.23	50.72	1.46	ppb
Silver	109-1	50.68	51.70	51.40	51.26	1.03	ppb
Sodium	23-2	1909.23	1930.45	1949.46	1929.71	1.04	ppb
Strontium	86-1	0.38	0.39	0.31	0.36	11.78	ppb
Strontium	88-1	0.34	0.35	0.33	0.34	3.69	ppb
Sulfur	34-1	-415.29	-688.54	-667.52	-590.45		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	209.82	211.59	214.11	211.84	1.02	ppb
Thallium	205-1	211.24	207.64	215.03	211.31	1.75	ppb
Tin	118-1	-0.05	-0.02	0.00	-0.02		ppb
Titanium	47-1	0.01	0.06	0.06	0.04	63.55	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:00:18	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.01	0.00	0.00	26.91	ppb
Vanadium	51-2	100.85	101.47	101.52	101.28	0.37	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	197.19	197.69	199.54	198.14	0.63	ppb
Zirconium	90-1	0.57	0.49	0.46	0.51	10.75	ppb
Zirconium	91-1	0.65	0.54	0.50	0.56	13.80	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:03:31	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-34.95	-35.17	-34.80	-34.97		ppb
Antimony	121-1	0.16	0.16	0.17	0.16	5.82	ppb
Arsenic	75-2	0.04	0.02	0.05	0.04	34.58	ppb
Barium	135-1	0.05	0.04	0.04	0.04	8.25	ppb
Barium	137-1	0.06	0.06	0.05	0.06	10.67	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	36.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.07	0.10	-0.02	0.01	1635.40	ppb
Cadmium	106-1	-0.79	-0.46	-0.87	-0.70		ppb
Cadmium	111-1	-0.03	-0.02	-0.05	-0.03		ppb
Calcium	43-1	-27.58	-26.94	-26.50	-27.01		ppb
Calcium	44-1	-22.01	-24.41	-23.84	-23.42		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.05	0.05	5.07	ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	30.54	ppb
Copper	63-2	-0.08	-0.06	-0.07	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	0.61	0.82	0.67	0.70	15.96	ppb
Iron	57-2	-0.67	-0.57	-1.08	-0.77		ppb
Iron	54-2	2.94	1.88	2.88	2.57	23.31	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:03:31	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.10	0.07	0.08	0.09	20.61	ppb
Lead	207-1	0.11	0.09	0.08	0.09	15.20	ppb
Lead	208-1	0.10	0.08	0.08	0.08	13.78	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.36	-0.27	-0.13	-0.25		ppb
Manganese	55-2	-0.07	-0.05	-0.07	-0.06		ppb
Molybdenum	94-1	0.30	0.32	0.29	0.30	5.38	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	8.72	ppb
Molybdenum	96-1	0.09	0.09	0.08	0.08	4.57	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	3.75	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	11.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-16.32	-14.74	-13.50	-14.86		ppb
Potassium	39-2	1.17	2.29	2.40	1.95	34.77	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.12	-0.15	-0.22	-0.08		ppb
Selenium	77-2	0.00	0.18	0.18	0.12	86.60	ppb
Selenium	78-2	-0.09	0.16	0.46	0.18	151.76	ppb
Silicon	28-1	0.45	0.34	0.37	0.39	14.37	ppb
Silver	107-1	0.04	0.03	0.03	0.03	26.28	ppb
Silver	109-1	0.05	0.03	0.03	0.04	22.86	ppb
Sodium	23-2	-1.19	0.24	-1.63	-0.86		ppb
Strontium	86-1	0.07	0.10	0.07	0.08	19.36	ppb
Strontium	88-1	0.07	0.07	0.06	0.07	6.73	ppb
Sulfur	34-1	-563.75	-652.11	-707.90	-641.25		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.05	0.05	0.05	7.43	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	13.60	ppb
Tin	118-1	-0.08	-0.07	-0.06	-0.07		ppb
Titanium	47-1	-0.02	-0.06	-0.02	-0.03		ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:03:31	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	10.36	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	135.80	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	-2.60	-2.61	-2.51	-2.57		ppb
Zirconium	90-1	0.14	0.14	0.14	0.14	2.61	ppb
Zirconium	91-1	0.15	0.16	0.14	0.15	5.92	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:14:06	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90334.93	90124.86	91120.83	90526.87	0.58	ppb
Antimony	121-1	1.12	1.11	1.16	1.13	2.62	ppb
Arsenic	75-2	0.38	0.36	0.35	0.36	4.90	ppb
Barium	135-1	1.35	1.38	1.31	1.35	2.95	ppb
Barium	137-1	1.40	1.42	1.42	1.41	0.86	ppb
Beryllium	9-1	0.32	0.31	0.29	0.30	5.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.58	7.00	7.21	7.27	4.05	ppb
Cadmium	106-1	-3.31	-2.05	-1.45	-2.27		ppb
Cadmium	111-1	0.03	0.18	0.16	0.12	68.27	ppb
Calcium	43-1	95646.15	96994.10	97654.91	96765.05	1.06	ppb
Calcium	44-1	96253.85	96521.19	97826.83	96867.29	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.59	20.43	20.54	20.52	0.40	ppb
Cobalt	59-2	1.26	1.27	1.28	1.27	0.82	ppb
Copper	63-2	7.58	7.41	7.48	7.49	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				106		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	99693.02	100660.90	100881.84	100411.92	0.63	ppb
Iron	57-2	98915.73	100616.35	99606.12	99712.73	0.86	ppb
Iron	54-2	100826.93	100830.14	101518.88	101058.65	0.39	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:14:06	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.23	4.32	4.31	4.28	1.15	ppb
Lead	207-1	3.83	3.92	3.87	3.87	1.10	ppb
Lead	208-1	3.92	4.02	4.02	3.99	1.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	97114.06	97854.59	97058.73	97342.46	0.46	ppb
Manganese	55-2	8.58	8.41	8.72	8.57	1.82	ppb
Molybdenum	94-1	1443.77	1437.06	1447.25	1442.69	0.36	ppb
Molybdenum	95-1	1716.99	1727.48	1752.93	1732.47	1.07	ppb
Molybdenum	96-1	1680.08	1707.99	1722.02	1703.36	1.25	ppb
Molybdenum	97-1	1715.37	1733.70	1747.29	1732.12	0.92	ppb
Molybdenum	98-1	1715.20	1714.78	1721.56	1717.18	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.48	5.51	5.46	1.13	ppb
Phosphorus	31-2	94580.54	93146.00	92464.12	93396.89	1.16	ppb
Potassium	39-2	93761.09	94617.55	94759.75	94379.46	0.57	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.04	0.23	0.11	0.13	78.88	ppb
Selenium	77-2	0.34	0.34	0.00	0.23	86.60	ppb
Selenium	78-2	-1.25	0.20	-0.24	-0.43		ppb
Silicon	28-1	2.61	2.92	2.94	2.82	6.68	ppb
Silver	107-1	0.02	0.03	0.03	0.03	16.77	ppb
Silver	109-1	0.03	0.03	0.03	0.03	12.42	ppb
Sodium	23-2	98090.18	98184.19	98989.87	98421.41	0.50	ppb
Strontium	86-1	33.41	34.16	34.47	34.01	1.61	ppb
Strontium	88-1	33.78	34.27	34.15	34.07	0.76	ppb
Sulfur	34-1	96961.45	97545.86	98348.58	97618.63	0.71	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.72	ppb
Thallium	205-1	0.09	0.08	0.08	0.09	5.95	ppb
Tin	118-1	0.03	0.08	0.12	0.08	53.87	ppb
Titanium	47-1	1754.87	1763.17	1782.01	1766.69	0.79	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:14:06	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	8.41	ppb
Vanadium	51-2	0.23	0.21	0.21	0.22	4.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	13.31	13.50	13.62	13.48	1.13	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	13.99	ppb
Zirconium	91-1	0.04	0.06	0.04	0.05	24.61	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:17:11	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88573.45	89658.73	90155.38	89462.52	0.90	ppb
Antimony	121-1	20.14	20.35	20.69	20.40	1.36	ppb
Arsenic	75-2	19.03	19.21	19.50	19.25	1.22	ppb
Barium	135-1	19.69	20.10	19.96	19.92	1.05	ppb
Barium	137-1	19.59	19.81	20.04	19.81	1.12	ppb
Beryllium	9-1	19.92	20.47	20.04	20.15	1.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	23.66	25.37	24.11	24.38	3.64	ppb
Cadmium	106-1	15.73	15.51	15.43	15.56	1.00	ppb
Cadmium	111-1	19.19	18.94	19.65	19.26	1.87	ppb
Calcium	43-1	96381.97	96446.49	98109.33	96979.26	1.01	ppb
Calcium	44-1	94903.30	97375.22	97295.36	96524.63	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.23	40.37	40.10	40.23	0.34	ppb
Cobalt	59-2	20.62	20.82	20.84	20.76	0.58	ppb
Copper	63-2	25.12	25.40	25.43	25.32	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	100183.46	101014.41	100788.72	100662.20	0.43	ppb
Iron	57-2	99336.20	100280.41	99955.94	99857.52	0.48	ppb
Iron	54-2	100609.96	100359.61	101444.92	100804.83	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:17:11	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.70	24.92	24.99	24.87	0.62	ppb
Lead	207-1	23.53	23.79	23.91	23.74	0.82	ppb
Lead	208-1	23.60	23.79	24.09	23.83	1.04	ppb
Lithium	6-1				93		%
Magnesium	24-2	95912.42	96179.60	96433.94	96175.32	0.27	ppb
Manganese	55-2	27.72	27.92	28.15	27.93	0.76	ppb
Molybdenum	94-1	1434.19	1449.30	1432.49	1438.66	0.64	ppb
Molybdenum	95-1	1713.96	1731.02	1722.59	1722.52	0.50	ppb
Molybdenum	96-1	1671.00	1700.16	1690.13	1687.10	0.88	ppb
Molybdenum	97-1	1705.64	1746.36	1715.65	1722.55	1.23	ppb
Molybdenum	98-1	1706.55	1725.04	1709.48	1713.69	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.87	24.27	24.40	24.51	1.29	ppb
Phosphorus	31-2	91917.47	92567.51	91472.55	91985.85	0.60	ppb
Potassium	39-2	93135.10	94155.25	94087.55	93792.63	0.61	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	17.57	19.03	19.96	18.85	6.38	ppb
Selenium	77-2	20.76	19.20	16.30	18.75	12.08	ppb
Selenium	78-2	19.92	17.95	18.36	18.74	5.55	ppb
Silicon	28-1	3.71	3.88	3.99	3.86	3.58	ppb
Silver	107-1	18.44	18.42	18.77	18.54	1.07	ppb
Silver	109-1	18.24	18.61	18.88	18.58	1.72	ppb
Sodium	23-2	96735.14	97106.70	97762.05	97201.30	0.53	ppb
Strontium	86-1	33.93	34.13	34.31	34.12	0.55	ppb
Strontium	88-1	33.41	34.31	34.24	33.99	1.48	ppb
Sulfur	34-1	93947.91	95447.01	96600.72	95331.88	1.40	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	20.07	20.54	20.67	20.43	1.53	ppb
Thallium	205-1	20.38	20.56	20.71	20.55	0.81	ppb
Tin	118-1	0.00	0.04	0.07	0.03	108.39	ppb
Titanium	47-1	1758.46	1764.36	1802.78	1775.20	1.36	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:17:11	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	10.09	ppb
Vanadium	51-2	20.14	19.89	19.98	20.01	0.63	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	26.70	27.46	27.74	27.30	1.98	ppb
Zirconium	90-1	0.07	0.08	0.08	0.08	9.23	ppb
Zirconium	91-1	0.06	0.08	0.09	0.08	16.22	ppb

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:27:05	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49020.95	49374.97	49210.98	49202.30	0.36	ppb
Antimony	121-1	479.14	489.06	489.75	485.98	1.22	ppb
Arsenic	75-2	481.49	475.50	477.83	478.27	0.63	ppb
Barium	135-1	2455.76	2463.34	2451.39	2456.83	0.25	ppb
Barium	137-1	2441.61	2449.26	2455.78	2448.88	0.29	ppb
Beryllium	9-1	523.69	525.71	531.39	526.93	0.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.12	507.91	498.51	503.51	0.94	ppb
Cadmium	106-1	501.83	508.39	509.20	506.47	0.80	ppb
Cadmium	111-1	490.32	498.92	498.04	495.76	0.95	ppb
Calcium	43-1	250748.76	252592.58	249656.15	250999.16	0.59	ppb
Calcium	44-1	244388.65	250387.96	245887.99	246888.20	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.91	492.69	487.83	489.14	0.64	ppb
Cobalt	59-2	503.14	505.05	500.12	502.77	0.50	ppb
Copper	63-2	4985.20	5028.86	4892.50	4968.85	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				106		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	125554.41	125243.24	124674.43	125157.36	0.36	ppb
Iron	57-2	122926.40	123796.02	124125.80	123616.08	0.50	ppb
Iron	54-2	124637.81	126297.91	125186.32	125374.01	0.67	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:27:05	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2503.74	2575.22	2558.83	2545.93	1.47	ppb
Lead	207-1	2485.66	2561.66	2556.05	2534.46	1.67	ppb
Lead	208-1	2477.03	2548.53	2537.94	2521.17	1.53	ppb
Lithium	6-1				98		%
Magnesium	24-2	245172.29	248398.50	245972.21	246514.33	0.68	ppb
Manganese	55-2	4904.04	4868.11	4828.15	4866.77	0.78	ppb
Molybdenum	94-1	4896.34	4885.22	4961.81	4914.46	0.84	ppb
Molybdenum	95-1	4890.10	4873.40	4885.05	4882.85	0.18	ppb
Molybdenum	96-1	4888.83	4927.30	4994.03	4936.72	1.08	ppb
Molybdenum	97-1	4849.87	4965.01	4970.62	4928.50	1.38	ppb
Molybdenum	98-1	4840.33	4927.97	4942.84	4903.72	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.83	494.46	487.57	490.95	0.70	ppb
Phosphorus	31-2	9785.94	9872.74	9803.07	9820.58	0.47	ppb
Potassium	39-2	119699.60	120845.74	119267.56	119937.63	0.68	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	464.02	466.71	475.14	468.62	1.24	ppb
Selenium	77-2	470.19	471.67	466.30	469.39	0.59	ppb
Selenium	78-2	475.71	465.33	486.64	475.89	2.24	ppb
Silicon	28-1	649.01	653.59	651.52	651.37	0.35	ppb
Silver	107-1	477.83	493.34	478.37	483.18	1.82	ppb
Silver	109-1	476.32	481.99	481.95	480.09	0.68	ppb
Sodium	23-2	245124.93	248136.60	246051.69	246437.74	0.63	ppb
Strontium	86-1	12117.82	12218.60	12350.16	12228.86	0.95	ppb
Strontium	88-1	12023.80	12231.51	12250.24	12168.52	1.03	ppb
Sulfur	34-1	9328.14	9151.63	9077.39	9185.72	1.40	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	504.70	512.87	511.12	509.57	0.84	ppb
Thallium	205-1	507.32	514.41	505.24	508.99	0.94	ppb
Tin	118-1	488.74	490.58	495.22	491.51	0.68	ppb
Titanium	47-1	4898.76	4903.25	4882.58	4894.87	0.22	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:27:05	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	505.73	518.70	509.89	511.44	1.29	ppb
Vanadium	51-2	494.84	498.22	487.28	493.44	1.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	4910.69	4958.95	4896.13	4921.92	0.67	ppb
Zirconium	90-1	492.03	493.86	499.22	495.04	0.76	ppb
Zirconium	91-1	494.23	494.57	490.71	493.17	0.43	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:33:23	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-38.23	-38.30	-37.86	-38.13		ppb
Antimony	121-1	0.07	0.08	0.10	0.09	14.91	ppb
Arsenic	75-2	0.02	0.05	0.01	0.03	71.22	ppb
Barium	135-1	0.05	0.07	0.04	0.06	26.26	ppb
Barium	137-1	0.03	0.06	0.05	0.05	30.72	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	4.04	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	-0.02	0.01	0.03	200.41	ppb
Cadmium	106-1	-1.13	-0.41	-0.93	-0.82		ppb
Cadmium	111-1	-0.05	0.00	-0.04	-0.03		ppb
Calcium	43-1	-2.38	-2.60	-6.81	-3.93		ppb
Calcium	44-1	-0.31	-2.69	-1.22	-1.41		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	14.61	ppb
Copper	63-2	-0.02	-0.04	0.00	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	2.56	2.61	2.43	2.53	3.66	ppb
Iron	57-2	0.25	-0.15	0.74	0.28	159.41	ppb
Iron	54-2	2.36	2.89	2.96	2.74	11.96	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:33:23	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.08	0.08	0.08	6.83	ppb
Lead	207-1	0.09	0.10	0.10	0.09	4.43	ppb
Lead	208-1	0.09	0.08	0.08	0.09	7.76	ppb
Lithium	6-1				98		%
Magnesium	24-2	5.23	5.58	5.31	5.37	3.45	ppb
Manganese	55-2	0.01	0.03	0.00	0.01	101.01	ppb
Molybdenum	94-1	0.17	0.15	0.17	0.16	5.58	ppb
Molybdenum	95-1	0.13	0.14	0.14	0.14	3.50	ppb
Molybdenum	96-1	0.14	0.14	0.16	0.15	8.80	ppb
Molybdenum	97-1	0.14	0.14	0.15	0.14	6.10	ppb
Molybdenum	98-1	0.14	0.13	0.14	0.14	5.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.03	-0.04	-0.04		ppb
Phosphorus	31-2	-14.38	-17.25	-13.86	-15.16		ppb
Potassium	39-2	14.03	13.27	13.57	13.62	2.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.10	-0.24	-0.17	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.39	-0.31	-0.37	-0.69		ppb
Silicon	28-1	-0.94	-0.97	-1.01	-0.97		ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.20	ppb
Silver	109-1	0.03	0.02	0.02	0.02	21.98	ppb
Sodium	23-2	24.81	24.97	23.65	24.48	2.95	ppb
Strontium	86-1	0.24	0.20	0.23	0.22	10.12	ppb
Strontium	88-1	0.22	0.21	0.20	0.21	5.07	ppb
Sulfur	34-1	-997.29	-954.20	-1049.05	-1000.18		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.05	0.05	0.05	5.85	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.17	ppb
Tin	118-1	-0.10	-0.07	-0.07	-0.08		ppb
Titanium	47-1	0.04	0.04	0.07	0.05	41.79	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:33:23	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	4.79	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.96	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	-1.77	-1.66	-1.65	-1.69		ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	19.03	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	39.83	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BL	Instrumnet Name :	P7
Client Sample ID :	PBS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:22:44	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-39.42	-39.23	-39.21	-39.29		ppb
Antimony	121-1	0.08	0.09	0.09	0.09	9.48	ppb
Arsenic	75-2	0.00	0.03	0.01	0.01	130.88	ppb
Barium	135-1	0.03	0.02	0.03	0.03	24.63	ppb
Barium	137-1	0.02	0.04	0.04	0.03	29.47	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	16.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.02	-0.02	-0.01		ppb
Cadmium	106-1	-0.59	-1.56	-1.25	-1.13		ppb
Cadmium	111-1	-0.03	-0.10	-0.07	-0.07		ppb
Calcium	43-1	-19.01	-16.68	-17.55	-17.75		ppb
Calcium	44-1	-17.72	-18.53	-17.44	-17.90		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	40.40	ppb
Copper	63-2	-0.06	-0.09	-0.06	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	1.65	1.51	1.48	1.55	5.88	ppb
Iron	57-2	-2.34	-1.12	-0.43	-1.30		ppb
Iron	54-2	1.38	1.67	0.57	1.21	47.30	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BL	Instrumnet Name :	P7
Client Sample ID :	PBS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:22:44	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.05	0.05	0.05	14.15	ppb
Lead	207-1	0.07	0.06	0.06	0.06	10.15	ppb
Lead	208-1	0.06	0.05	0.05	0.06	8.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	3.13	2.92	2.94	2.99	3.88	ppb
Manganese	55-2	-0.02	-0.05	-0.01	-0.03		ppb
Molybdenum	94-1	0.14	0.12	0.13	0.13	5.78	ppb
Molybdenum	95-1	0.12	0.11	0.12	0.12	3.08	ppb
Molybdenum	96-1	0.13	0.12	0.11	0.12	6.93	ppb
Molybdenum	97-1	0.11	0.09	0.11	0.10	7.26	ppb
Molybdenum	98-1	0.11	0.11	0.11	0.11	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	-15.41	-14.79	-14.92	-15.04		ppb
Potassium	39-2	1.60	2.01	0.39	1.33	62.94	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.14	-0.01	-0.25	-0.14		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.10	-0.15	0.26	0.41	157.02	ppb
Silicon	28-1	-0.99	-1.04	-0.85	-0.96		ppb
Silver	107-1	0.02	0.01	0.01	0.01	13.46	ppb
Silver	109-1	0.02	0.02	0.01	0.02	19.56	ppb
Sodium	23-2	17.91	17.59	16.46	17.32	4.39	ppb
Strontium	86-1	0.18	0.14	0.17	0.16	10.44	ppb
Strontium	88-1	0.17	0.16	0.15	0.16	6.81	ppb
Sulfur	34-1	-802.67	-847.91	-736.29	-795.62		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.03	0.02	18.12	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	4.04	ppb
Tin	118-1	-0.13	-0.11	-0.12	-0.12		ppb
Titanium	47-1	-0.01	0.03	0.04	0.02	124.37	ppb

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On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BL	Instrumnet Name :	P7
Client Sample ID :	PBS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:22:44	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	8.41	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	61.13	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	-2.54	-2.52	-2.52	-2.53		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	19.31	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	20.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BS	Instrumnet Name :	P7
Client Sample ID :	LCS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:26:01	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.78	2.49	3.43	2.90	16.58	ppb
Antimony	121-1	4.11	4.09	4.13	4.11	0.51	ppb
Arsenic	75-2	2.22	2.15	2.24	2.20	2.12	ppb
Barium	135-1	19.03	18.66	18.86	18.85	0.98	ppb
Barium	137-1	19.22	19.08	19.22	19.17	0.43	ppb
Beryllium	9-1	2.22	2.23	2.20	2.21	0.78	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.49	2.79	2.56	2.61	6.03	ppb
Cadmium	106-1	2.82	2.04	1.80	2.22	23.95	ppb
Cadmium	111-1	2.51	2.50	2.46	2.49	1.13	ppb
Calcium	43-1	1028.74	1024.28	1057.00	1036.67	1.71	ppb
Calcium	44-1	1024.98	1026.49	1043.09	1031.52	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.62	4.70	4.70	4.67	1.01	ppb
Cobalt	59-2	2.14	2.18	2.16	2.16	0.94	ppb
Copper	63-2	4.18	4.27	4.18	4.21	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	434.96	438.02	439.91	437.63	0.57	ppb
Iron	57-2	460.15	458.61	470.80	463.19	1.43	ppb
Iron	54-2	465.20	468.50	467.54	467.08	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BS	Instrumnet Name :	P7
Client Sample ID :	LCS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:26:01	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.88	1.90	1.90	1.90	0.69	ppb
Lead	207-1	1.91	1.89	1.87	1.89	1.10	ppb
Lead	208-1	1.88	1.87	1.88	1.88	0.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	1150.59	1142.07	1153.02	1148.56	0.50	ppb
Manganese	55-2	2.21	2.17	2.25	2.21	1.71	ppb
Molybdenum	94-1	11.29	11.34	11.45	11.36	0.71	ppb
Molybdenum	95-1	9.42	9.27	9.52	9.40	1.29	ppb
Molybdenum	96-1	9.57	9.52	9.59	9.56	0.37	ppb
Molybdenum	97-1	9.48	9.09	9.48	9.35	2.43	ppb
Molybdenum	98-1	9.31	9.27	9.45	9.34	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.19	2.27	2.31	2.26	2.80	ppb
Phosphorus	31-2	-14.07	-17.68	-13.98	-15.24		ppb
Potassium	39-2	1081.93	1082.20	1095.94	1086.69	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	11.20	10.46	11.66	11.11	5.48	ppb
Selenium	77-2	11.20	10.59	9.31	10.37	9.31	ppb
Selenium	78-2	12.97	10.21	9.59	10.92	16.44	ppb
Silicon	28-1	2.46	2.38	2.63	2.49	5.15	ppb
Silver	107-1	1.96	2.01	2.09	2.02	3.35	ppb
Silver	109-1	2.04	2.02	2.09	2.05	1.66	ppb
Sodium	23-2	1084.73	1087.71	1096.30	1089.58	0.55	ppb
Strontium	86-1	2.28	2.28	2.26	2.27	0.52	ppb
Strontium	88-1	2.18	2.18	2.23	2.20	1.45	ppb
Sulfur	34-1	-642.87	-633.37	-494.49	-590.24		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.80	1.83	1.85	1.82	1.38	ppb
Thallium	205-1	1.81	1.81	1.80	1.81	0.27	ppb
Tin	118-1	-0.10	-0.11	-0.09	-0.10		ppb
Titanium	47-1	9.42	9.35	9.56	9.44	1.17	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BS	Instrumnet Name :	P7
Client Sample ID :	LCS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:26:01	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.76	1.75	1.71	1.74	1.42	ppb
Vanadium	51-2	10.47	10.50	10.55	10.50	0.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	9.62	9.73	9.92	9.76	1.57	ppb
Zirconium	90-1	2.10	2.10	2.11	2.11	0.34	ppb
Zirconium	91-1	2.03	2.05	2.13	2.07	2.65	ppb

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:29:19	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-18.15	-18.49	-17.90	-18.18		ppb
Antimony	121-1	2.04	2.09	2.13	2.09	2.25	ppb
Arsenic	75-2	0.99	1.00	1.07	1.02	4.40	ppb
Barium	135-1	9.59	9.63	9.62	9.62	0.23	ppb
Barium	137-1	9.56	9.84	9.89	9.76	1.82	ppb
Beryllium	9-1	1.10	1.12	1.11	1.11	0.65	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.37	1.60	1.19	1.39	14.85	ppb
Cadmium	106-1	0.83	0.38	0.79	0.67	36.86	ppb
Cadmium	111-1	1.22	1.30	1.27	1.26	3.16	ppb
Calcium	43-1	490.15	528.60	503.21	507.32	3.85	ppb
Calcium	44-1	498.86	517.96	513.53	510.12	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.38	2.32	2.29	2.33	1.98	ppb
Cobalt	59-2	1.08	1.09	1.07	1.08	1.04	ppb
Copper	63-2	2.14	2.05	2.01	2.07	3.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	231.85	232.78	229.82	231.48	0.65	ppb
Iron	57-2	233.65	234.87	225.18	231.24	2.28	ppb
Iron	54-2	237.06	233.96	232.65	234.56	0.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:29:19	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.93	0.98	0.95	0.95	2.85	ppb
Lead	207-1	0.95	1.01	0.95	0.97	3.48	ppb
Lead	208-1	0.94	0.97	0.94	0.95	1.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	576.45	571.03	578.40	575.30	0.66	ppb
Manganese	55-2	1.03	1.09	1.14	1.09	4.90	ppb
Molybdenum	94-1	5.68	5.81	5.78	5.76	1.13	ppb
Molybdenum	95-1	4.66	4.73	4.80	4.73	1.41	ppb
Molybdenum	96-1	4.78	4.91	4.87	4.85	1.34	ppb
Molybdenum	97-1	4.67	4.73	4.80	4.73	1.28	ppb
Molybdenum	98-1	4.70	4.71	4.79	4.74	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.03	1.03	1.07	6.12	ppb
Phosphorus	31-2	-15.58	-16.00	-18.37	-16.65		ppb
Potassium	39-2	546.70	546.00	541.18	544.62	0.55	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	4.86	5.54	5.72	5.37	8.39	ppb
Selenium	77-2	4.89	7.13	5.95	5.99	18.75	ppb
Selenium	78-2	5.59	5.98	5.14	5.57	7.54	ppb
Silicon	28-1	0.78	0.97	0.84	0.86	11.06	ppb
Silver	107-1	1.03	1.03	1.09	1.05	3.24	ppb
Silver	109-1	1.00	1.03	1.08	1.04	4.11	ppb
Sodium	23-2	551.90	550.23	549.22	550.45	0.25	ppb
Strontium	86-1	1.18	1.22	1.21	1.20	1.67	ppb
Strontium	88-1	1.19	1.18	1.18	1.18	0.82	ppb
Sulfur	34-1	-632.24	-522.35	-604.17	-586.26		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.92	0.91	0.95	0.93	2.65	ppb
Thallium	205-1	0.91	0.93	0.89	0.91	2.26	ppb
Tin	118-1	-0.13	-0.13	-0.12	-0.13		ppb
Titanium	47-1	4.58	4.88	4.70	4.72	3.22	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:29:19	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.87	0.88	1.34	ppb
Vanadium	51-2	5.23	5.27	5.36	5.28	1.27	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	3.20	3.24	3.48	3.31	4.68	ppb
Zirconium	90-1	1.05	1.07	1.10	1.07	2.15	ppb
Zirconium	91-1	0.97	1.04	1.08	1.03	5.33	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:42:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54385.92	53293.17	53902.99	53860.69	1.02	ppb
Antimony	121-1	2.40	2.35	2.40	2.38	1.15	ppb
Arsenic	75-2	242.95	240.16	234.09	239.07	1.90	ppb
Barium	135-1	385.13	393.04	385.27	387.81	1.17	ppb
Barium	137-1	399.71	410.79	397.51	402.67	1.77	ppb
Beryllium	9-1	0.93	1.01	0.94	0.96	4.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.61	2.53	2.16	2.43	9.86	ppb
Cadmium	106-1	2.73	2.09	2.29	2.37	13.84	ppb
Cadmium	111-1	0.67	0.64	0.69	0.67	3.59	ppb
Calcium	43-1	13588.18	13780.07	13580.76	13649.67	0.83	ppb
Calcium	44-1	12480.74	12678.82	12594.46	12584.67	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	185.58	185.25	186.31	185.71	0.29	ppb
Cobalt	59-2	98.00	96.76	96.78	97.18	0.73	ppb
Copper	63-2	269.93	271.98	273.87	271.92	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				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	183245.40	181033.32	184663.38	182980.70	1.00	ppb
Iron	57-2	179818.95	178554.56	181811.95	180061.82	0.91	ppb
Iron	54-2	182229.95	183048.99	183376.53	182885.15	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:42:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.01	37.77	37.62	37.47	1.08	ppb
Lead	207-1	38.68	39.08	39.15	38.97	0.66	ppb
Lead	208-1	37.28	37.87	37.82	37.66	0.87	ppb
Lithium	6-1				100		%
Magnesium	24-2	33192.97	33097.97	32804.91	33031.95	0.61	ppb
Manganese	55-2	6056.60	6058.90	6090.01	6068.50	0.31	ppb
Molybdenum	94-1	10.69	11.09	10.83	10.87	1.89	ppb
Molybdenum	95-1	1.62	1.59	1.60	1.60	0.83	ppb
Molybdenum	96-1	3.72	3.68	3.60	3.67	1.54	ppb
Molybdenum	97-1	1.52	1.51	1.53	1.52	0.60	ppb
Molybdenum	98-1	1.46	1.48	1.52	1.49	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.55	117.02	118.57	117.71	0.67	ppb
Phosphorus	31-2	833.85	820.48	817.95	824.09	1.04	ppb
Potassium	39-2	1392.32	1372.50	1389.37	1384.73	0.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	0.42	0.70	0.83	0.65	32.25	ppb
Selenium	77-2	8.96	8.68	8.67	8.77	1.87	ppb
Selenium	78-2	2.08	1.92	2.21	2.07	6.92	ppb
Silicon	28-1	702.48	713.74	712.51	709.58	0.87	ppb
Silver	107-1	0.17	0.16	0.17	0.17	1.94	ppb
Silver	109-1	0.16	0.17	0.17	0.17	3.06	ppb
Sodium	23-2	302.01	302.45	304.54	303.00	0.44	ppb
Strontium	86-1	83.77	85.10	84.74	84.54	0.82	ppb
Strontium	88-1	82.25	84.09	84.61	83.65	1.48	ppb
Sulfur	34-1	-1996.58	-1979.60	-1997.27	-1991.15		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.15	0.16	0.15	5.18	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	1.81	ppb
Tin	118-1	3.08	3.14	3.14	3.12	1.11	ppb
Titanium	47-1	1580.94	1566.58	1608.19	1585.24	1.33	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:42:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.59	0.59	0.59	0.71	ppb
Vanadium	51-2	355.91	353.84	356.02	355.26	0.35	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	210.46	208.26	209.25	209.32	0.52	ppb
Zirconium	90-1	5.70	5.70	5.76	5.72	0.59	ppb
Zirconium	91-1	5.69	5.74	5.81	5.75	1.00	ppb

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:45:39	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62213.18	62757.06	62836.46	62602.24	0.54	ppb
Antimony	121-1	2.09	2.04	2.14	2.09	2.61	ppb
Arsenic	75-2	691.13	700.55	691.89	694.52	0.75	ppb
Barium	135-1	219.90	211.86	214.22	215.33	1.92	ppb
Barium	137-1	221.05	215.65	218.05	218.25	1.24	ppb
Beryllium	9-1	0.78	0.86	0.80	0.81	5.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.56	2.43	2.14	2.38	9.01	ppb
Cadmium	106-1	2.37	0.76	1.84	1.66	49.54	ppb
Cadmium	111-1	0.37	0.19	0.32	0.29	32.10	ppb
Calcium	43-1	17790.33	18441.46	18216.90	18149.56	1.82	ppb
Calcium	44-1	16504.17	16747.60	16883.62	16711.80	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	212.72	214.29	214.59	213.86	0.47	ppb
Cobalt	59-2	101.21	100.76	100.61	100.86	0.31	ppb
Copper	63-2	5355.70	5339.98	5381.93	5359.20	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	168983.84	169243.32	170256.21	169494.46	0.40	ppb
Iron	57-2	165279.11	165906.61	167303.36	166163.03	0.62	ppb
Iron	54-2	169411.20	169707.86	170301.47	169806.84	0.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:45:39	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.42	10.81	10.23	10.48	2.85	ppb
Lead	207-1	10.95	11.33	10.91	11.06	2.12	ppb
Lead	208-1	10.56	10.92	10.54	10.67	1.97	ppb
Lithium	6-1				98		%
Magnesium	24-2	39625.69	39632.00	39905.31	39721.00	0.40	ppb
Manganese	55-2	4827.39	4773.20	4787.63	4796.07	0.59	ppb
Molybdenum	94-1	7.70	7.91	7.79	7.80	1.36	ppb
Molybdenum	95-1	1.11	1.14	1.12	1.12	1.13	ppb
Molybdenum	96-1	2.93	2.94	2.94	2.94	0.20	ppb
Molybdenum	97-1	1.04	1.06	1.05	1.05	1.13	ppb
Molybdenum	98-1	1.03	1.04	1.00	1.03	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.49	139.33	139.85	139.56	0.19	ppb
Phosphorus	31-2	694.22	716.67	700.79	703.89	1.64	ppb
Potassium	39-2	617.12	618.43	621.54	619.03	0.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	0.79	0.46	0.51	0.59	30.55	ppb
Selenium	77-2	6.45	5.43	7.71	6.53	17.45	ppb
Selenium	78-2	1.85	1.61	0.93	1.46	32.86	ppb
Silicon	28-1	783.77	790.21	778.77	784.25	0.73	ppb
Silver	107-1	2.24	2.15	2.23	2.21	2.20	ppb
Silver	109-1	2.25	2.17	2.27	2.23	2.48	ppb
Sodium	23-2	417.11	414.50	422.56	418.06	0.98	ppb
Strontium	86-1	91.19	93.74	91.10	92.01	1.63	ppb
Strontium	88-1	90.67	90.99	89.45	90.37	0.90	ppb
Sulfur	34-1	-2065.80	-2045.17	-2092.75	-2067.91		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.10	0.10	0.10	7.52	ppb
Thallium	205-1	0.09	0.10	0.11	0.10	12.54	ppb
Tin	118-1	1.80	1.76	1.76	1.77	1.40	ppb
Titanium	47-1	2039.38	2030.25	2045.37	2038.33	0.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:45:39	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.45	0.42	0.44	4.05	ppb
Vanadium	51-2	384.76	381.93	391.38	386.02	1.26	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	537.67	534.33	538.17	536.72	0.39	ppb
Zirconium	90-1	4.00	4.08	3.93	4.01	1.86	ppb
Zirconium	91-1	4.12	4.30	4.22	4.21	2.20	ppb

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4301-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAC1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:48:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62524.44	62350.44	62524.05	62466.31	0.16	ppb
Antimony	121-1	2.28	2.32	2.36	2.32	1.75	ppb
Arsenic	75-2	200.42	200.03	196.60	199.01	1.06	ppb
Barium	135-1	217.90	220.94	220.91	219.92	0.80	ppb
Barium	137-1	216.66	220.61	219.73	219.00	0.95	ppb
Beryllium	9-1	1.06	1.13	1.13	1.11	3.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.69	5.64	5.71	5.68	0.66	ppb
Cadmium	106-1	6.03	5.57	5.88	5.82	4.01	ppb
Cadmium	111-1	3.63	3.58	3.64	3.62	0.82	ppb
Calcium	43-1	11956.56	11943.35	12146.03	12015.32	0.94	ppb
Calcium	44-1	10981.47	11154.05	11163.16	11099.56	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	205.99	205.20	205.63	205.61	0.19	ppb
Cobalt	59-2	124.15	122.45	122.65	123.08	0.76	ppb
Copper	63-2	544.22	551.06	548.55	547.94	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				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	148782.32	148670.68	147514.63	148322.54	0.47	ppb
Iron	57-2	146749.09	147143.19	147272.42	147054.90	0.19	ppb
Iron	54-2	149343.72	148924.73	148168.20	148812.22	0.40	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4301-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAC1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:48:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	141.09	142.62	145.85	143.19	1.69	ppb
Lead	207-1	141.69	142.36	143.57	142.54	0.67	ppb
Lead	208-1	146.93	149.08	149.59	148.53	0.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	38975.93	38712.39	38798.44	38828.92	0.35	ppb
Manganese	55-2	2971.82	2953.88	2949.67	2958.46	0.40	ppb
Molybdenum	94-1	15.19	15.70	15.93	15.61	2.45	ppb
Molybdenum	95-1	1.09	1.15	1.11	1.11	2.68	ppb
Molybdenum	96-1	3.44	3.57	3.65	3.55	2.92	ppb
Molybdenum	97-1	1.05	1.11	1.10	1.09	2.77	ppb
Molybdenum	98-1	1.06	1.10	1.11	1.09	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	148.14	147.02	147.23	147.46	0.40	ppb
Phosphorus	31-2	1622.36	1613.79	1591.15	1609.10	1.00	ppb
Potassium	39-2	5972.04	5894.36	5920.31	5928.90	0.67	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	0.62	1.27	1.14	1.01	34.01	ppb
Selenium	77-2	9.69	12.53	6.97	9.73	28.58	ppb
Selenium	78-2	2.34	2.18	2.94	2.49	16.00	ppb
Silicon	28-1	875.52	880.06	886.54	880.71	0.63	ppb
Silver	107-1	2.96	3.09	3.05	3.03	2.25	ppb
Silver	109-1	3.00	3.08	3.06	3.05	1.36	ppb
Sodium	23-2	216.09	218.87	219.30	218.09	0.80	ppb
Strontium	86-1	62.07	63.11	64.50	63.22	1.92	ppb
Strontium	88-1	61.28	62.16	64.28	62.57	2.46	ppb
Sulfur	34-1	-1605.23	-1615.25	-1629.09	-1616.52		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.28	0.28	0.27	4.94	ppb
Thallium	205-1	0.26	0.27	0.30	0.28	6.21	ppb
Tin	118-1	2.88	3.01	2.99	2.96	2.47	ppb
Titanium	47-1	1874.02	1887.20	1885.17	1882.13	0.38	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4301-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAC1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:48:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.68	0.69	0.69	0.93	ppb
Vanadium	51-2	331.27	323.55	326.08	326.96	1.20	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	397.61	393.08	393.89	394.86	0.61	ppb
Zirconium	90-1	8.55	8.87	8.88	8.77	2.18	ppb
Zirconium	91-1	8.60	8.86	8.93	8.79	1.99	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4302-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAE1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:53:31	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40202.75	40350.14	40488.09	40346.99	0.35	ppb
Antimony	121-1	1.46	1.50	1.52	1.49	1.78	ppb
Arsenic	75-2	121.42	122.48	119.84	121.24	1.10	ppb
Barium	135-1	382.78	390.43	384.32	385.85	1.05	ppb
Barium	137-1	401.01	400.47	397.27	399.58	0.51	ppb
Beryllium	9-1	1.82	1.98	1.89	1.90	4.17	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.56	1.80	1.59	1.65	7.98	ppb
Cadmium	106-1	0.97	0.28	1.12	0.79	56.20	ppb
Cadmium	111-1	1.13	1.04	1.11	1.09	4.37	ppb
Calcium	43-1	14008.51	14738.80	14589.00	14445.44	2.67	ppb
Calcium	44-1	12947.88	13438.03	13447.50	13277.80	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.22	53.29	53.77	53.43	0.56	ppb
Cobalt	59-2	41.41	40.95	41.08	41.15	0.58	ppb
Copper	63-2	101.40	100.95	101.57	101.31	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	102380.77	101266.52	101558.32	101735.20	0.57	ppb
Iron	57-2	101089.14	100316.91	99220.25	100208.77	0.94	ppb
Iron	54-2	101466.02	100561.56	100497.48	100841.69	0.54	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4302-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAE1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:53:31	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	76.63	77.95	78.34	77.64	1.16	ppb
Lead	207-1	79.53	79.84	81.63	80.33	1.42	ppb
Lead	208-1	77.26	78.29	79.09	78.21	1.17	ppb
Lithium	6-1				94		%
Magnesium	24-2	14615.01	14476.56	14432.86	14508.14	0.66	ppb
Manganese	55-2	1828.60	1790.84	1802.33	1807.26	1.07	ppb
Molybdenum	94-1	15.32	15.78	15.94	15.68	2.05	ppb
Molybdenum	95-1	1.21	1.21	1.27	1.23	2.98	ppb
Molybdenum	96-1	3.30	3.36	3.38	3.35	1.23	ppb
Molybdenum	97-1	1.25	1.19	1.24	1.22	2.78	ppb
Molybdenum	98-1	1.18	1.20	1.27	1.22	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.65	42.06	41.99	41.90	0.52	ppb
Phosphorus	31-2	2560.80	2518.20	2516.31	2531.77	0.99	ppb
Potassium	39-2	8376.63	8252.15	8299.29	8309.36	0.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.80	0.90	0.68	0.79	13.58	ppb
Selenium	77-2	21.11	21.08	19.84	20.68	3.50	ppb
Selenium	78-2	4.99	4.17	2.71	3.95	29.21	ppb
Silicon	28-1	948.51	966.53	952.66	955.90	0.99	ppb
Silver	107-1	2.57	2.67	2.62	2.62	1.95	ppb
Silver	109-1	2.62	2.62	2.61	2.62	0.25	ppb
Sodium	23-2	261.60	262.88	264.92	263.14	0.64	ppb
Strontium	86-1	78.15	79.65	80.55	79.45	1.52	ppb
Strontium	88-1	79.41	78.95	78.30	78.89	0.71	ppb
Sulfur	34-1	-1501.61	-1438.89	-1581.22	-1507.24		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.35	0.36	0.35	0.36	1.78	ppb
Thallium	205-1	0.35	0.35	0.37	0.36	4.07	ppb
Tin	118-1	2.72	2.85	2.72	2.76	2.67	ppb
Titanium	47-1	1370.67	1439.50	1428.90	1413.02	2.62	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4302-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAE1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:53:31	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.21	1.19	1.19	1.20	ppb
Vanadium	51-2	188.35	188.59	189.10	188.68	0.20	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	337.10	338.14	337.97	337.74	0.17	ppb
Zirconium	90-1	8.68	8.86	9.89	9.15	7.15	ppb
Zirconium	91-1	8.49	8.85	8.97	8.77	2.82	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:03:59	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48851.67	48707.61	48674.83	48744.71	0.19	ppb
Antimony	121-1	514.94	538.89	517.80	523.88	2.50	ppb
Arsenic	75-2	485.91	482.73	488.95	485.86	0.64	ppb
Barium	135-1	2456.90	2580.58	2499.84	2512.44	2.50	ppb
Barium	137-1	2457.79	2552.24	2523.06	2511.03	1.93	ppb
Beryllium	9-1	541.24	548.33	554.46	548.01	1.21	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	519.46	532.77	520.72	524.32	1.40	ppb
Cadmium	106-1	516.85	537.12	528.35	527.44	1.93	ppb
Cadmium	111-1	507.46	526.29	516.64	516.80	1.82	ppb
Calcium	43-1	251662.33	250967.96	255814.54	252814.94	1.04	ppb
Calcium	44-1	243161.07	248767.31	252846.53	248258.30	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.18	489.02	489.20	490.47	0.48	ppb
Cobalt	59-2	513.21	504.40	511.91	509.84	0.93	ppb
Copper	63-2	4928.72	4920.36	4927.26	4925.45	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	123668.94	124514.27	124719.67	124300.96	0.45	ppb
Iron	57-2	122564.06	124084.32	124285.95	123644.78	0.76	ppb
Iron	54-2	123883.37	124478.36	124888.51	124416.75	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:03:59	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2504.38	2564.61	2587.06	2552.02	1.68	ppb
Lead	207-1	2495.94	2553.50	2584.11	2544.52	1.76	ppb
Lead	208-1	2500.99	2540.16	2564.00	2535.05	1.26	ppb
Lithium	6-1				96		%
Magnesium	24-2	243621.87	245423.14	244067.65	244370.89	0.38	ppb
Manganese	55-2	4859.47	4842.06	4876.76	4859.43	0.36	ppb
Molybdenum	94-1	4869.81	4972.16	5010.70	4950.89	1.47	ppb
Molybdenum	95-1	4873.33	4962.83	5017.95	4951.37	1.47	ppb
Molybdenum	96-1	4850.34	4974.94	5034.08	4953.12	1.89	ppb
Molybdenum	97-1	4802.07	5003.26	5007.22	4937.52	2.38	ppb
Molybdenum	98-1	4821.78	4963.21	4943.29	4909.43	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.23	501.61	494.74	499.19	0.77	ppb
Phosphorus	31-2	9907.75	9977.31	9928.04	9937.70	0.36	ppb
Potassium	39-2	124116.33	124394.35	125745.50	124752.06	0.70	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	468.29	479.18	485.47	477.64	1.82	ppb
Selenium	77-2	484.02	469.59	487.01	480.21	1.94	ppb
Selenium	78-2	484.45	471.89	492.42	482.92	2.14	ppb
Silicon	28-1	388.82	389.97	399.60	392.80	1.51	ppb
Silver	107-1	514.95	524.12	507.05	515.37	1.66	ppb
Silver	109-1	514.63	526.24	516.06	518.98	1.22	ppb
Sodium	23-2	242284.40	243459.53	244578.29	243440.74	0.47	ppb
Strontium	86-1	12244.86	12473.82	12508.75	12409.15	1.16	ppb
Strontium	88-1	12091.68	12432.73	12512.16	12345.52	1.81	ppb
Sulfur	34-1	9611.84	9414.69	9661.70	9562.74	1.37	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	509.57	514.43	526.00	516.67	1.63	ppb
Thallium	205-1	510.21	514.15	521.38	515.25	1.10	ppb
Tin	118-1	488.15	512.47	500.62	500.41	2.43	ppb
Titanium	47-1	4909.68	4944.48	4976.17	4943.44	0.67	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:03:59	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.24	520.06	529.74	518.01	2.49	ppb
Vanadium	51-2	492.83	498.04	498.49	496.45	0.63	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	4878.79	5026.79	4983.09	4962.89	1.53	ppb
Zirconium	90-1	492.05	502.42	501.47	498.64	1.15	ppb
Zirconium	91-1	489.38	495.85	503.74	496.32	1.45	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:08:20	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-33.32	-33.04	-33.37	-33.25		ppb
Antimony	121-1	0.24	0.25	0.29	0.26	11.03	ppb
Arsenic	75-2	0.03	0.08	0.03	0.04	60.50	ppb
Barium	135-1	0.17	0.17	0.16	0.17	3.18	ppb
Barium	137-1	0.19	0.21	0.16	0.19	13.41	ppb
Beryllium	9-1	0.04	0.06	0.06	0.05	13.96	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.13	0.03	0.06	92.51	ppb
Cadmium	106-1	-1.32	-1.29	-1.30	-1.30		ppb
Cadmium	111-1	-0.04	-0.03	-0.03	-0.03		ppb
Calcium	43-1	14.37	13.48	7.28	11.71	32.99	ppb
Calcium	44-1	13.99	14.07	12.02	13.36	8.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.04	0.03	0.04	0.03	8.54	ppb
Copper	63-2	0.30	0.31	0.27	0.30	7.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	11.95	10.98	11.01	11.31	4.89	ppb
Iron	57-2	10.83	11.35	10.13	10.77	5.67	ppb
Iron	54-2	12.33	11.15	10.30	11.26	9.06	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:08:20	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.26	0.22	0.24	8.48	ppb
Lead	207-1	0.26	0.25	0.21	0.24	11.43	ppb
Lead	208-1	0.24	0.24	0.22	0.24	5.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	17.11	15.68	14.11	15.63	9.60	ppb
Manganese	55-2	0.38	0.33	0.35	0.35	8.20	ppb
Molybdenum	94-1	0.52	0.50	0.51	0.51	1.96	ppb
Molybdenum	95-1	0.48	0.46	0.45	0.46	3.38	ppb
Molybdenum	96-1	0.47	0.47	0.44	0.46	4.11	ppb
Molybdenum	97-1	0.46	0.43	0.40	0.43	6.06	ppb
Molybdenum	98-1	0.47	0.43	0.41	0.44	6.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-14.01	-16.51	-16.47	-15.67		ppb
Potassium	39-2	18.30	17.61	17.73	17.88	2.06	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.24	-0.05	-0.24	-0.18		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.36	0.05	0.66	0.36	86.01	ppb
Silicon	28-1	-0.45	-0.59	-0.64	-0.56		ppb
Silver	107-1	0.06	0.06	0.05	0.06	8.00	ppb
Silver	109-1	0.06	0.05	0.04	0.05	17.61	ppb
Sodium	23-2	40.68	39.05	39.28	39.67	2.22	ppb
Strontium	86-1	0.98	0.94	0.90	0.94	4.49	ppb
Strontium	88-1	0.96	0.90	0.84	0.90	6.16	ppb
Sulfur	34-1	-771.03	-837.85	-836.35	-815.07		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.08	0.07	0.08	7.64	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	5.62	ppb
Tin	118-1	-0.04	-0.01	0.02	-0.01		ppb
Titanium	47-1	0.39	0.38	0.30	0.36	14.12	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:08:20	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	16.21	ppb
Vanadium	51-2	0.05	0.03	0.03	0.03	29.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-1.43	-1.51	-1.40	-1.45		ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	2.29	ppb
Zirconium	91-1	0.08	0.08	0.08	0.08	4.90	ppb

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:34:05	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11811	12322	12458	12197	2.80	cps
Antimony	121-1	70	83	107	87	21.42	cps
Arsenic	75-2	7	7	0	4	86.60	cps
Barium	135-1	163	173	130	156	14.59	cps
Barium	137-1	280	233	263	259	9.13	cps
Beryllium	9-1	20	27	40	29	34.93	cps
Bismuth	209-1	6395111	6558631	6426538	6460093	1.34	cps
Bismuth	209-2	5305853	5196798	5142354	5215002	1.60	cps
Bromine	81-1	10154	10617	10440	10404	2.25	cps
Bromine	81-2	140	147	147	144	2.67	cps
Cadmium	108-1	17	7	17	13	43.29	cps
Cadmium	106-1	3560	3447	3317	3442	3.54	cps
Cadmium	111-1	2487	2415	2314	2405	3.63	cps
Calcium	43-1	1463	1543	1447	1485	3.48	cps
Calcium	44-1	39362	39406	40131	39633	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1137	1150	1247	1178	5.10	cps
Cobalt	59-2	153	183	123	153	19.57	cps
Copper	63-2	1790	1910	1790	1830	3.79	cps
Dysprosium	156-1	873	807	953	878	8.37	cps
Dysprosium	156-2	143	160	113	139	17.02	cps
Erbium	164-1	103	87	57	82	28.76	cps
Erbium	164-2	67	40	50	52	25.80	cps
Gadolinium	160-1	33	50	47	43	20.36	cps
Gadolinium	160-2	260	337	293	297	12.96	cps
Holmium	165-1	11053871	10776962	10553792	10794875	2.32	cps
Holmium	165-2	7537224	7527292	7403116	7489211	1.00	cps
Indium	115-1	9488782	9386313	9491124	9455406	0.63	cps
Indium	115-2	3270634	3224092	3297221	3263982	1.13	cps
Iron	56-2	24831	24787	25138	24919	0.77	cps
Iron	57-2	2307	2427	2460	2398	3.36	cps
Iron	54-2	2764	2340	2694	2599	8.73	cps
Krypton	83-1	250	303	383	312	21.49	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:34:05	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323	310	250	294	13.27	cps
Lead	207-1	217	233	247	232	6.47	cps
Lead	208-1	1160	1180	1133	1158	2.02	cps
Lithium	6-1	1663423	1667923	1584643	1638663	2.86	cps
Magnesium	24-2	1773	1593	1667	1678	5.40	cps
Manganese	55-2	1167	1267	1097	1177	7.26	cps
Molybdenum	94-1	237	250	297	261	12.07	cps
Molybdenum	95-1	123	80	90	98	23.21	cps
Molybdenum	96-1	163	170	180	171	4.90	cps
Molybdenum	97-1	60	77	83	73	16.39	cps
Molybdenum	98-1	157	150	153	153	2.17	cps
Neodymium	150-1	10	7	13	10	33.30	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	263	323	310	299	10.54	cps
Phosphorus	31-2	217	147	173	179	19.75	cps
Potassium	39-2	80431	81332	81497	81087	0.71	cps
Rhodium	103-1	9422174	9330150	9227950	9326758	1.04	cps
Rhodium	103-2	5501901	5512148	5541483	5518511	0.37	cps
Scandium	45-1	6408896	6463032	6380911	6417613	0.65	cps
Scandium	45-2	572533	571208	573456	572399	0.20	cps
Selenium	82-1	594	567	498	553	8.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	417	330	370	372	11.65	cps
Silicon	28-1	354175	352528	354811	353838	0.33	cps
Silver	107-1	70	53	100	74	31.77	cps
Silver	109-1	37	23	27	29	24.03	cps
Sodium	23-2	47416	46426	47617	47153	1.35	cps
Strontium	86-1	473	557	477	502	9.39	cps
Strontium	88-1	727	773	757	752	3.14	cps
Sulfur	34-1	310668	308151	310284	309701	0.44	cps
Terbium	159-1	11331581	11098577	11001594	11143918	1.52	cps
Terbium	159-2	7461942	7440818	7676225	7526328	1.73	cps
Thallium	203-1	100	80	93	91	11.18	cps
Thallium	205-1	220	200	203	208	5.16	cps
Tin	118-1	3394	3287	3147	3276	3.78	cps
Titanium	47-1	170	674	200	348	81.25	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:34:05	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	13	33	33	60.01	cps
Vanadium	51-2	27	17	23	22	22.91	cps
Yttrium	89-1	16726113	16555284	16648369	16643255	0.51	cps
Yttrium	89-2	4204220	4104697	4163482	4157466	1.20	cps
Zinc	66-2	3627	3421	3604	3551	3.19	cps
Zirconium	90-1	593	587	660	613	6.61	cps
Zirconium	91-1	170	147	133	150	12.37	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:37:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6855	7082	6772	6903	2.33	cps
Antimony	121-1	19870	20174	20598	20214	1.81	cps
Arsenic	75-2	657	650	637	648	1.57	cps
Barium	135-1	24691	24862	25075	24876	0.77	cps
Barium	137-1	42199	42426	43761	42795	1.97	cps
Beryllium	9-1	2057	2313	1977	2115	8.30	cps
Bismuth	209-1	6165451	6087448	6280104	6177668	1.57	cps
Bismuth	209-2	5242896	5125101	5086370	5151456	1.58	cps
Bromine	81-1	9973	10247	10060	10094	1.38	cps
Bromine	81-2	97	110	110	106	7.29	cps
Cadmium	108-1	217	213	213	214	0.90	cps
Cadmium	106-1	3387	3520	3427	3445	1.99	cps
Cadmium	111-1	4690	5162	4977	4943	4.82	cps
Calcium	43-1	18298	18101	18642	18347	1.49	cps
Calcium	44-1	309583	317870	322311	316588	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12228	12322	12012	12187	1.31	cps
Cobalt	59-2	8746	8603	8509	8619	1.38	cps
Copper	63-2	13433	13009	13740	13394	2.74	cps
Dysprosium	156-1	853	763	803	807	5.59	cps
Dysprosium	156-2	123	170	167	153	16.98	cps
Erbium	164-1	77	70	93	80	15.02	cps
Erbium	164-2	53	53	57	54	3.54	cps
Gadolinium	160-1	67	37	40	48	34.42	cps
Gadolinium	160-2	243	300	250	264	11.71	cps
Holmium	165-1	10117382	10293353	10275338	10228691	0.95	cps
Holmium	165-2	7380164	7278711	7278463	7312446	0.80	cps
Indium	115-1	8754894	9057015	9107919	8973276	2.13	cps
Indium	115-2	3126118	3156430	3162187	3148245	0.62	cps
Iron	56-2	259479	261243	260989	260570	0.37	cps
Iron	57-2	8479	8449	8359	8429	0.74	cps
Iron	54-2	15949	16282	16426	16219	1.51	cps
Krypton	83-1	303	283	283	290	3.98	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:37:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6605	6668	6728	6667	0.93	cps
Lead	207-1	5515	6001	5711	5742	4.27	cps
Lead	208-1	25626	27281	26527	26478	3.13	cps
Lithium	6-1	1550198	1595807	1620439	1588815	2.24	cps
Magnesium	24-2	263132	263481	265806	264140	0.55	cps
Manganese	55-2	4861	4757	4911	4843	1.62	cps
Molybdenum	94-1	22691	23042	23716	23150	2.25	cps
Molybdenum	95-1	27907	28538	28965	28470	1.87	cps
Molybdenum	96-1	30589	31501	31487	31192	1.68	cps
Molybdenum	97-1	16883	17544	17664	17364	2.42	cps
Molybdenum	98-1	43959	44895	44765	44540	1.14	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	2494	2517	2514	2508	0.50	cps
Phosphorus	31-2	583	673	620	626	7.24	cps
Potassium	39-2	395664	394963	393483	394703	0.28	cps
Rhodium	103-1	8747638	8730006	8826082	8767909	0.58	cps
Rhodium	103-2	5381876	5433143	5442880	5419300	0.60	cps
Scandium	45-1	5977629	6117966	6200452	6098683	1.85	cps
Scandium	45-2	553247	556758	558137	556047	0.45	cps
Selenium	82-1	1387	1481	1474	1447	3.61	cps
Selenium	77-2	90	90	113	98	13.78	cps
Selenium	78-2	610	717	720	682	9.17	cps
Silicon	28-1	412745	413014	419578	415112	0.93	cps
Silver	107-1	12599	13393	13273	13088	3.27	cps
Silver	109-1	11855	12415	12175	12149	2.31	cps
Sodium	23-2	461594	462849	462875	462439	0.16	cps
Strontium	86-1	4227	4241	4394	4287	2.16	cps
Strontium	88-1	32880	33054	33451	33128	0.88	cps
Sulfur	34-1	309614	310389	309049	309684	0.22	cps
Terbium	159-1	10347235	10770506	10772027	10629922	2.30	cps
Terbium	159-2	7278059	7276651	7301756	7285488	0.19	cps
Thallium	203-1	7936	7852	8009	7932	0.99	cps
Thallium	205-1	18670	19214	19184	19022	1.61	cps
Tin	118-1	43813	45539	46184	45179	2.71	cps
Titanium	47-1	8489	8492	8452	8478	0.26	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:37:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23317	23818	23948	23695	1.41	cps
Vanadium	51-2	23492	23588	23588	23556	0.24	cps
Yttrium	89-1	15517988	15658527	15902813	15693109	1.24	cps
Yttrium	89-2	3982513	4026040	4036049	4014867	0.71	cps
Zinc	66-2	6562	6949	6292	6601	5.00	cps
Zirconium	90-1	20000	21105	20404	20503	2.73	cps
Zirconium	91-1	4537	4731	4717	4662	2.32	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:40:43	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308712	304724	301845	305094	1.13	cps
Antimony	121-1	512990	533429	534524	526981	2.30	cps
Arsenic	75-2	32522	32168	32185	32292	0.62	cps
Barium	135-1	654321	677857	672202	668126	1.84	cps
Barium	137-1	1127279	1169838	1175742	1157620	2.28	cps
Beryllium	9-1	103732	107604	106023	105786	1.84	cps
Bismuth	209-1	6264453	6308908	6338232	6303864	0.59	cps
Bismuth	209-2	5059709	5180856	5261294	5167286	1.96	cps
Bromine	81-1	10000	10130	9653	9928	2.48	cps
Bromine	81-2	90	100	60	83	24.98	cps
Cadmium	108-1	10384	10637	10491	10504	1.21	cps
Cadmium	106-1	17541	18232	17868	17880	1.93	cps
Cadmium	111-1	140763	146848	145214	144275	2.18	cps
Calcium	43-1	210776	218443	217459	215559	1.94	cps
Calcium	44-1	3021078	3102571	3077690	3067113	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	273852	272821	275847	274173	0.56	cps
Cobalt	59-2	414763	413556	416687	415002	0.38	cps
Copper	63-2	2939464	2907264	2931501	2926076	0.57	cps
Dysprosium	156-1	853	863	830	849	2.02	cps
Dysprosium	156-2	173	220	270	221	21.86	cps
Erbium	164-1	97	70	83	83	16.00	cps
Erbium	164-2	43	43	40	42	4.55	cps
Gadolinium	160-1	63	47	43	51	20.96	cps
Gadolinium	160-2	273	267	230	257	9.09	cps
Holmium	165-1	10443817	10717257	10441587	10534220	1.50	cps
Holmium	165-2	7385330	7495628	7625829	7502263	1.60	cps
Indium	115-1	9109920	9204741	9029484	9114715	0.96	cps
Indium	115-2	3144080	3219373	3149821	3171091	1.32	cps
Iron	56-2	11535553	11421330	11198404	11385096	1.51	cps
Iron	57-2	307805	303695	302125	304541	0.96	cps
Iron	54-2	688695	684769	676002	683156	0.95	cps
Krypton	83-1	293	277	343	304	11.40	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:40:43	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1817248	1931382	1902227	1883619	3.15	cps
Lead	207-1	1453910	1511935	1515342	1493729	2.31	cps
Lead	208-1	7162778	7347701	7450211	7320230	1.99	cps
Lithium	6-1	1620353	1564898	1641460	1608904	2.46	cps
Magnesium	24-2	2420522	2400300	2403228	2408017	0.45	cps
Manganese	55-2	1911082	1895834	1896390	1901102	0.45	cps
Molybdenum	94-1	2168697	2226120	2223525	2206114	1.47	cps
Molybdenum	95-1	3181742	3290079	3210768	3227530	1.74	cps
Molybdenum	96-1	3498218	3491161	3502682	3497353	0.17	cps
Molybdenum	97-1	1960256	2034251	2029242	2007916	2.06	cps
Molybdenum	98-1	4922049	5208575	5045402	5058675	2.84	cps
Neodymium	150-1	20	60	53	44	48.22	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	106760	105467	104685	105637	0.99	cps
Phosphorus	31-2	16255	16202	15908	16122	1.16	cps
Potassium	39-2	1579014	1590178	1588134	1585775	0.37	cps
Rhodium	103-1	8742744	9093293	9133769	8989935	2.39	cps
Rhodium	103-2	5357962	5467092	5507218	5444091	1.42	cps
Scandium	45-1	6097421	6266206	6214494	6192707	1.40	cps
Scandium	45-2	561201	565691	559053	561982	0.60	cps
Selenium	82-1	9863	10264	10131	10086	2.02	cps
Selenium	77-2	870	903	913	896	2.53	cps
Selenium	78-2	3350	3554	3434	3446	2.97	cps
Silicon	28-1	2515522	2623004	2586755	2575094	2.12	cps
Silver	107-1	706768	730599	729705	722357	1.87	cps
Silver	109-1	660184	687715	688263	678721	2.37	cps
Sodium	23-2	4184916	4187285	4193439	4188547	0.11	cps
Strontium	86-1	4667006	4832928	4750311	4750082	1.75	cps
Strontium	88-1	40589025	41813387	41542246	41314886	1.56	cps
Sulfur	34-1	359980	359645	356411	358679	0.55	cps
Terbium	159-1	10628815	11014250	11065642	10902902	2.19	cps
Terbium	159-2	7433439	7471913	7730416	7545256	2.14	cps
Thallium	203-1	408938	425653	430100	421564	2.65	cps
Thallium	205-1	984261	1025519	1015867	1008549	2.14	cps
Tin	118-1	437414	463420	460448	453761	3.14	cps
Titanium	47-1	938003	961347	966871	955407	1.60	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:40:43	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1244431	1305508	1302886	1284275	2.69	cps
Vanadium	51-2	242403	238157	237981	239514	1.05	cps
Yttrium	89-1	15905144	16295756	16076494	16092465	1.22	cps
Yttrium	89-2	4097247	4025159	4053998	4058801	0.89	cps
Zinc	66-2	457401	456235	460313	457983	0.46	cps
Zirconium	90-1	1004363	1044249	1047855	1032156	2.34	cps
Zirconium	91-1	225297	233306	231680	230094	1.84	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:43:45	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	745950	744024	738885	742953	0.49	cps
Antimony	121-1	1346790	1360540	1369162	1358831	0.83	cps
Arsenic	75-2	81093	80118	80229	80480	0.66	cps
Barium	135-1	1772336	1839769	1824792	1812299	1.95	cps
Barium	137-1	3050646	3156589	3164789	3124008	2.04	cps
Beryllium	9-1	268870	274586	276720	273392	1.48	cps
Bismuth	209-1	6417734	6657384	6551909	6542342	1.84	cps
Bismuth	209-2	5279921	5332929	5351327	5321392	0.70	cps
Bromine	81-1	9823	9963	9623	9803	1.74	cps
Bromine	81-2	93	83	100	92	9.10	cps
Cadmium	108-1	26174	27306	27426	26968	2.56	cps
Cadmium	106-1	40841	40791	42124	41252	1.83	cps
Cadmium	111-1	358947	365816	367160	363975	1.21	cps
Calcium	43-1	533620	548999	548417	543679	1.60	cps
Calcium	44-1	7698979	7701073	7693333	7697795	0.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	683099	685803	677557	682153	0.62	cps
Cobalt	59-2	1040564	1031602	1033736	1035301	0.45	cps
Copper	63-2	7428774	7455224	7346185	7410061	0.77	cps
Dysprosium	156-1	877	800	1007	894	11.68	cps
Dysprosium	156-2	247	267	250	254	4.21	cps
Erbium	164-1	97	97	113	102	9.41	cps
Erbium	164-2	53	80	97	77	28.51	cps
Gadolinium	160-1	70	53	73	66	16.35	cps
Gadolinium	160-2	317	303	260	293	10.10	cps
Holmium	165-1	10719335	10740723	10862784	10774280	0.72	cps
Holmium	165-2	7670989	7789942	7677852	7712928	0.87	cps
Indium	115-1	9133556	9233163	9466254	9277658	1.84	cps
Indium	115-2	3150942	3169430	3209406	3176593	0.94	cps
Iron	56-2	28735089	28153147	28580260	28489499	1.06	cps
Iron	57-2	760055	763852	763547	762485	0.28	cps
Iron	54-2	1604485	1567095	1593045	1588208	1.21	cps
Krypton	83-1	330	253	297	293	13.11	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:43:45	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4788490	4920989	5053717	4921065	2.69	cps
Lead	207-1	4225472	4312425	4392872	4310257	1.94	cps
Lead	208-1	19120833	19816136	19993341	19643437	2.35	cps
Lithium	6-1	1628474	1646281	1633135	1635963	0.56	cps
Magnesium	24-2	6039034	5951743	5917506	5969427	1.05	cps
Manganese	55-2	4734600	4693772	4732155	4720175	0.49	cps
Molybdenum	94-1	5491214	5650504	5640138	5593952	1.59	cps
Molybdenum	95-1	7982684	8171956	8365571	8173403	2.34	cps
Molybdenum	96-1	8714001	8989820	8902164	8868662	1.59	cps
Molybdenum	97-1	4985818	5136020	5105806	5075881	1.57	cps
Molybdenum	98-1	12917962	13218524	13181070	13105852	1.25	cps
Neodymium	150-1	57	83	113	84	33.57	cps
Neodymium	150-2	17	33	27	26	32.81	cps
Nickel	60-2	265425	264288	263728	264480	0.33	cps
Phosphorus	31-2	40153	39945	39965	40021	0.29	cps
Potassium	39-2	3845039	3786030	3785517	3805529	0.90	cps
Rhodium	103-1	8840083	9035394	9115031	8996836	1.57	cps
Rhodium	103-2	5547518	5449688	5373753	5456986	1.60	cps
Scandium	45-1	6104947	6097071	6195968	6132662	0.90	cps
Scandium	45-2	546959	546164	545637	546253	0.12	cps
Selenium	82-1	24629	25065	25529	25074	1.80	cps
Selenium	77-2	2217	2290	2320	2276	2.34	cps
Selenium	78-2	8202	8036	7992	8077	1.37	cps
Silicon	28-1	5277405	5366237	5299443	5314362	0.87	cps
Silver	107-1	1845123	1884617	1868155	1865965	1.06	cps
Silver	109-1	1728816	1745394	1738233	1737481	0.48	cps
Sodium	23-2	10402297	10313531	10413189	10376339	0.53	cps
Strontium	86-1	11993823	12208342	12280172	12160779	1.23	cps
Strontium	88-1	104094978	106150705	107173298	105806327	1.48	cps
Sulfur	34-1	436243	430150	426367	430920	1.16	cps
Terbium	159-1	11096005	11061944	11333365	11163771	1.32	cps
Terbium	159-2	7588274	7580068	7581514	7583285	0.06	cps
Thallium	203-1	1107412	1106195	1110112	1107906	0.18	cps
Thallium	205-1	2820941	2908240	2976553	2901911	2.69	cps
Tin	118-1	1140281	1166054	1179894	1162077	1.73	cps
Titanium	47-1	2325918	2335921	2358915	2340251	0.72	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:43:45	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3722042	3866202	3877571	3821939	2.27	cps
Vanadium	51-2	605220	599956	601622	602266	0.45	cps
Yttrium	89-1	16034761	16269510	16468965	16257745	1.34	cps
Yttrium	89-2	4028925	4018981	4011564	4019823	0.22	cps
Zinc	66-2	1161081	1155472	1155695	1157416	0.27	cps
Zirconium	90-1	2560930	2597363	2608323	2588872	0.96	cps
Zirconium	91-1	570511	586354	589861	582242	1.77	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:46:38	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1384213	1348735	1353481	1362143	1.41	cps
Antimony	121-1	2733493	2761036	2755917	2750148	0.53	cps
Arsenic	75-2	156626	155212	154754	155531	0.63	cps
Barium	135-1	3568204	3624271	3605459	3599311	0.79	cps
Barium	137-1	6059467	6129887	6236715	6142023	1.45	cps
Beryllium	9-1	531535	541016	547015	539856	1.45	cps
Bismuth	209-1	6643169	6692577	6881113	6738953	1.86	cps
Bismuth	209-2	5335697	5352617	5435470	5374595	0.99	cps
Bromine	81-1	9690	9830	9707	9742	0.79	cps
Bromine	81-2	93	127	77	99	25.75	cps
Cadmium	108-1	52521	52123	53338	52661	1.18	cps
Cadmium	106-1	76225	77532	79127	77628	1.87	cps
Cadmium	111-1	708044	720349	730567	719653	1.57	cps
Calcium	43-1	1034605	1055369	1063440	1051138	1.42	cps
Calcium	44-1	14731730	14914236	15147398	14931122	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1309690	1317276	1305997	1310988	0.44	cps
Cobalt	59-2	1974092	1970529	1943679	1962766	0.85	cps
Copper	63-2	13974971	14058973	13985983	14006642	0.33	cps
Dysprosium	156-1	877	1087	1007	990	10.71	cps
Dysprosium	156-2	320	253	347	307	15.68	cps
Erbium	164-1	97	110	127	111	13.53	cps
Erbium	164-2	110	60	73	81	31.92	cps
Gadolinium	160-1	110	90	80	93	16.37	cps
Gadolinium	160-2	320	283	267	290	9.41	cps
Holmium	165-1	10857369	11012009	11263297	11044225	1.86	cps
Holmium	165-2	7894827	7729894	7887659	7837460	1.19	cps
Indium	115-1	9072503	9220918	9332113	9208511	1.41	cps
Indium	115-2	3212720	3164595	3140668	3172661	1.16	cps
Iron	56-2	55384951	54973293	55226308	55194850	0.38	cps
Iron	57-2	1369624	1389521	1386148	1381764	0.77	cps
Iron	54-2	3106768	3080328	3124735	3103944	0.72	cps
Krypton	83-1	333	270	300	301	10.52	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:46:38	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9755100	10103633	10270933	10043222	2.62	cps
Lead	207-1	8551666	8908986	9114459	8858370	3.21	cps
Lead	208-1	39269002	40890505	41197309	40452272	2.56	cps
Lithium	6-1	1673013	1676345	1635246	1661534	1.37	cps
Magnesium	24-2	11512132	11611682	11503492	11542435	0.52	cps
Manganese	55-2	9169209	9149569	9130083	9149620	0.21	cps
Molybdenum	94-1	10881072	11047267	11212547	11046962	1.50	cps
Molybdenum	95-1	15993198	16224985	16326702	16181628	1.06	cps
Molybdenum	96-1	17194081	17665401	17701966	17520483	1.62	cps
Molybdenum	97-1	9868995	10105689	10140597	10038427	1.47	cps
Molybdenum	98-1	25506669	25871126	26033608	25803801	1.05	cps
Neodymium	150-1	203	140	113	152	30.37	cps
Neodymium	150-2	47	57	67	57	17.65	cps
Nickel	60-2	505507	503258	502219	503661	0.33	cps
Phosphorus	31-2	75917	75223	75974	75705	0.55	cps
Potassium	39-2	7289055	7263195	7226199	7259483	0.44	cps
Rhodium	103-1	8891841	8837013	9022218	8917024	1.07	cps
Rhodium	103-2	5375577	5382876	5342891	5367115	0.40	cps
Scandium	45-1	6066717	6034652	6002322	6034564	0.53	cps
Scandium	45-2	538316	537082	532264	535887	0.60	cps
Selenium	82-1	47975	49000	48730	48568	1.09	cps
Selenium	77-2	4714	4504	4664	4627	2.37	cps
Selenium	78-2	15745	15345	14954	15348	2.58	cps
Silicon	28-1	10148785	10253414	10389374	10263858	1.18	cps
Silver	107-1	3655078	3668804	3698745	3674209	0.61	cps
Silver	109-1	3343198	3449458	3486696	3426451	2.17	cps
Sodium	23-2	20063851	20001188	19973631	20012890	0.23	cps
Strontium	86-1	23540256	23681485	24247424	23823055	1.57	cps
Strontium	88-1	204501250	206934284	210232277	207222604	1.39	cps
Sulfur	34-1	545876	549206	545059	546714	0.40	cps
Terbium	159-1	11293990	11429072	11569430	11430831	1.20	cps
Terbium	159-2	7644117	7721215	7706494	7690608	0.53	cps
Thallium	203-1	2483987	2510837	2549629	2514818	1.31	cps
Thallium	205-1	5812519	5928442	6165820	5968927	3.02	cps
Tin	118-1	2285223	2348072	2362972	2332089	1.77	cps
Titanium	47-1	4466249	4521533	4579579	4522454	1.25	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:46:38	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7667561	7704382	7834685	7735543	1.14	cps
Vanadium	51-2	1171551	1156258	1160538	1162782	0.68	cps
Yttrium	89-1	16062442	16130454	16345901	16179599	0.91	cps
Yttrium	89-2	3994740	4043287	4024181	4020736	0.61	cps
Zinc	66-2	2211583	2198776	2195297	2201885	0.39	cps
Zirconium	90-1	4963625	5087532	5126938	5059365	1.68	cps
Zirconium	91-1	1125807	1149318	1168347	1147824	1.86	cps

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LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:49:25	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2657825	2683304	2662605	2667911	0.51	cps
Antimony	121-1	5447786	5505002	5578595	5510461	1.19	cps
Arsenic	75-2	308317	308483	309459	308753	0.20	cps
Barium	135-1	7029948	7262214	7248542	7180235	1.82	cps
Barium	137-1	12129914	12331115	12609241	12356757	1.95	cps
Beryllium	9-1	1051200	1069376	1078825	1066467	1.32	cps
Bismuth	209-1	6722401	6737011	6944111	6801174	1.82	cps
Bismuth	209-2	5360630	5381192	5236236	5326020	1.47	cps
Bromine	81-1	10050	9530	10097	9892	3.18	cps
Bromine	81-2	77	93	87	86	9.80	cps
Cadmium	108-1	102865	104486	106625	104659	1.80	cps
Cadmium	106-1	148278	150759	153855	150964	1.85	cps
Cadmium	111-1	1397121	1430433	1433080	1420212	1.41	cps
Calcium	43-1	1956944	1965738	1939897	1954193	0.67	cps
Calcium	44-1	28949629	29321804	29582345	29284593	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2511955	2498999	2509049	2506668	0.27	cps
Cobalt	59-2	3898426	3837967	3878482	3871625	0.80	cps
Copper	63-2	27986655	27482665	27596723	27688681	0.95	cps
Dysprosium	156-1	1070	1040	1033	1048	1.86	cps
Dysprosium	156-2	563	533	470	522	9.12	cps
Erbium	164-1	150	140	173	154	11.08	cps
Erbium	164-2	97	80	123	100	21.86	cps
Gadolinium	160-1	120	107	127	118	8.65	cps
Gadolinium	160-2	360	323	363	349	6.36	cps
Holmium	165-1	11246445	11375025	11284534	11302001	0.58	cps
Holmium	165-2	7970278	7795814	7769926	7845339	1.39	cps
Indium	115-1	8916358	9077688	9121990	9038679	1.20	cps
Indium	115-2	3112873	3128047	3138600	3126506	0.41	cps
Iron	56-2	109142122	109069618	109214678	109142139	0.07	cps
Iron	57-2	2742470	2735540	2682070	2720027	1.22	cps
Iron	54-2	6050362	6112203	6098937	6087167	0.53	cps
Krypton	83-1	243	310	257	270	13.07	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:49:25	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19732606	20398818	20371809	20167744	1.87	cps
Lead	207-1	17412463	17831488	18113966	17785973	1.98	cps
Lead	208-1	79108977	81601889	82836898	81182588	2.34	cps
Lithium	6-1	1666498	1621521	1688398	1658806	2.06	cps
Magnesium	24-2	22623725	22646706	22679486	22649972	0.12	cps
Manganese	55-2	18071904	18193693	18055174	18106924	0.42	cps
Molybdenum	94-1	21833448	21846361	22285231	21988346	1.17	cps
Molybdenum	95-1	31614721	32229395	32584924	32143013	1.53	cps
Molybdenum	96-1	34363130	34734158	35172359	34756549	1.17	cps
Molybdenum	97-1	19695204	19922658	20146895	19921585	1.13	cps
Molybdenum	98-1	50397373	51405189	51590774	51131112	1.26	cps
Neodymium	150-1	337	360	320	339	5.93	cps
Neodymium	150-2	80	80	73	78	4.95	cps
Nickel	60-2	988671	985627	985027	986442	0.20	cps
Phosphorus	31-2	149852	148034	148478	148788	0.64	cps
Potassium	39-2	14266774	14121628	14260674	14216359	0.58	cps
Rhodium	103-1	8812011	8760622	8825205	8799279	0.39	cps
Rhodium	103-2	5321995	5279378	5270220	5290531	0.52	cps
Scandium	45-1	5881914	5979311	5942777	5934667	0.83	cps
Scandium	45-2	529634	528772	528443	528950	0.12	cps
Selenium	82-1	94130	95744	95953	95276	1.05	cps
Selenium	77-2	9043	9196	8756	8998	2.48	cps
Selenium	78-2	29767	30211	30131	30036	0.79	cps
Silicon	28-1	19722321	20070046	20172436	19988267	1.18	cps
Silver	107-1	7105638	7255138	7274835	7211870	1.28	cps
Silver	109-1	6696413	6780589	6799734	6758912	0.81	cps
Sodium	23-2	39196551	39436469	39089287	39240769	0.45	cps
Strontium	86-1	46537288	47479639	47569184	47195370	1.21	cps
Strontium	88-1	402307594	413158514	414463007	409976372	1.63	cps
Sulfur	34-1	780141	778662	783116	780640	0.29	cps
Terbium	159-1	11599097	11586123	11795880	11660367	1.01	cps
Terbium	159-2	7757286	7830666	7821202	7803051	0.51	cps
Thallium	203-1	4886804	5072712	5164083	5041200	2.80	cps
Thallium	205-1	11724783	12034750	12158761	11972765	1.87	cps
Tin	118-1	4592901	4638551	4738415	4656623	1.60	cps
Titanium	47-1	8805043	8875416	9003410	8894623	1.13	cps

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LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:49:25	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15737441	16108737	16419116	16088432	2.12	cps
Vanadium	51-2	2241492	2216774	2200555	2219607	0.93	cps
Yttrium	89-1	15986980	16125710	16163563	16092084	0.58	cps
Yttrium	89-2	3951474	3975128	4010276	3978959	0.74	cps
Zinc	66-2	4329528	4304598	4392695	4342274	1.05	cps
Zirconium	90-1	9959665	10178632	10247287	10128528	1.48	cps
Zirconium	91-1	2182694	2254231	2273773	2236899	2.14	cps

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LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:52:13	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5564002	5553175	5475661	5530946	0.87	cps
Antimony	121-1	10948763	11433108	11457245	11279705	2.54	cps
Arsenic	75-2	640993	643363	635206	639854	0.66	cps
Barium	135-1	14474496	14985476	15019046	14826339	2.06	cps
Barium	137-1	25371520	25406619	25659078	25479072	0.62	cps
Beryllium	9-1	1967511	2013949	1999325	1993595	1.19	cps
Bismuth	209-1	6872538	6864984	6998805	6912109	1.09	cps
Bismuth	209-2	5280337	5376843	5347165	5334782	0.93	cps
Bromine	81-1	9880	10110	10350	10114	2.33	cps
Bromine	81-2	80	83	77	80	4.16	cps
Cadmium	108-1	207584	213685	212131	211133	1.50	cps
Cadmium	106-1	298002	302496	307208	302569	1.52	cps
Cadmium	111-1	2875652	2901597	2945214	2907488	1.21	cps
Calcium	43-1	3926384	4057357	4070285	4018009	1.98	cps
Calcium	44-1	59060201	60925952	60749044	60245066	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5103117	5152854	5161225	5139065	0.61	cps
Cobalt	59-2	7910251	7825963	7898107	7878107	0.58	cps
Copper	63-2	56555252	56555044	56294046	56468114	0.27	cps
Dysprosium	156-1	1077	1160	1203	1147	5.61	cps
Dysprosium	156-2	797	887	820	834	5.60	cps
Erbium	164-1	237	183	253	224	16.29	cps
Erbium	164-2	237	173	137	182	27.76	cps
Gadolinium	160-1	173	120	157	150	18.19	cps
Gadolinium	160-2	360	373	297	343	11.93	cps
Holmium	165-1	11662629	11605478	11691224	11653110	0.37	cps
Holmium	165-2	7905579	8119980	8062505	8029355	1.38	cps
Indium	115-1	9243824	9250795	9211363	9235327	0.23	cps
Indium	115-2	3140833	3138741	3123974	3134516	0.29	cps
Iron	56-2	225135130	225099003	222574963	224269699	0.65	cps
Iron	57-2	5520685	5578064	5524610	5541120	0.58	cps
Iron	54-2	12523920	12566044	12461166	12517043	0.42	cps
Krypton	83-1	377	340	360	359	5.12	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:52:13	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39428319	41395607	40654817	40492914	2.45	cps
Lead	207-1	35633886	36443565	35944215	36007222	1.13	cps
Lead	208-1	162552730	166173028	165416841	164714199	1.16	cps
Lithium	6-1	1697794	1652474	1660541	1670270	1.45	cps
Magnesium	24-2	46864519	47019958	46204714	46696397	0.93	cps
Manganese	55-2	37480229	37394183	37010784	37295065	0.67	cps
Molybdenum	94-1	44769614	45045196	45503836	45106215	0.82	cps
Molybdenum	95-1	65659782	66970784	66891262	66507276	1.11	cps
Molybdenum	96-1	70791272	73126707	71728649	71882209	1.63	cps
Molybdenum	97-1	40535113	41760906	41065401	41120473	1.49	cps
Molybdenum	98-1	104668635	107155888	106769062	106197862	1.26	cps
Neodymium	150-1	687	683	703	691	1.55	cps
Neodymium	150-2	153	180	143	159	11.93	cps
Nickel	60-2	2037354	2030074	2002466	2023298	0.91	cps
Phosphorus	31-2	309261	311324	306562	309049	0.77	cps
Potassium	39-2	29652814	29612823	29067207	29444281	1.11	cps
Rhodium	103-1	8792098	8861032	8723058	8792063	0.78	cps
Rhodium	103-2	5387561	5335048	5351804	5358138	0.50	cps
Scandium	45-1	6123557	6164226	6137389	6141724	0.34	cps
Scandium	45-2	548462	555635	545841	549979	0.92	cps
Selenium	82-1	190405	196019	196870	194432	1.81	cps
Selenium	77-2	19116	18822	18548	18829	1.51	cps
Selenium	78-2	61909	61383	61665	61652	0.43	cps
Silicon	28-1	38321369	38623267	39113833	38686156	1.03	cps
Silver	107-1	14331315	14507292	14834483	14557697	1.75	cps
Silver	109-1	13274535	13571970	13807941	13551482	1.97	cps
Sodium	23-2	81780695	82312200	80395257	81496051	1.21	cps
Strontium	86-1	96129639	97988152	99579009	97898933	1.76	cps
Strontium	88-1	838387428	856674227	866736787	853932814	1.68	cps
Sulfur	34-1	1316449	1357196	1331115	1334920	1.55	cps
Terbium	159-1	11919376	11879814	11884094	11894428	0.18	cps
Terbium	159-2	8163132	8060609	7941432	8055058	1.38	cps
Thallium	203-1	10211224	10223947	10304886	10246686	0.50	cps
Thallium	205-1	24116417	24438433	24265030	24273294	0.66	cps
Tin	118-1	9504640	9707326	9642321	9618096	1.08	cps
Titanium	47-1	18163815	18659015	18599098	18473976	1.46	cps

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LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:52:13	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32243131	33476383	32445804	32721773	2.02	cps
Vanadium	51-2	4540567	4581270	4607219	4576352	0.73	cps
Yttrium	89-1	16403104	16544476	16719690	16555757	0.96	cps
Yttrium	89-2	4054764	4081271	4084906	4073647	0.40	cps
Zinc	66-2	8860586	8846327	8808089	8838334	0.31	cps
Zirconium	90-1	20428619	20912581	21073501	20804900	1.61	cps
Zirconium	91-1	4555405	4661281	4636001	4617562	1.20	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:54:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28217749	28192841	27992561	28134384	0.44	cps
Antimony	121-1	8166	7832	8066	8021	2.13	cps
Arsenic	75-2	387	383	313	361	11.47	cps
Barium	135-1	6255	6191	5461	5969	7.39	cps
Barium	137-1	10697	10364	10094	10385	2.91	cps
Beryllium	9-1	272	278	177	242	23.50	cps
Bismuth	209-1	6112047	5905571	5870920	5962846	2.19	cps
Bismuth	209-2	4700765	4705593	4770069	4725476	0.82	cps
Bromine	81-1	10914	11111	10951	10992	0.95	cps
Bromine	81-2	107	173	147	142	23.59	cps
Cadmium	108-1	73	97	73	81	16.61	cps
Cadmium	106-1	3220	3384	3154	3253	3.64	cps
Cadmium	111-1	2593	2674	2530	2599	2.79	cps
Calcium	43-1	16904492	17055322	16836425	16932080	0.66	cps
Calcium	44-1	276069756	278160796	277066036	277098863	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17143	17036	16679	16953	1.43	cps
Cobalt	59-2	20861	21112	20334	20769	1.91	cps
Copper	63-2	10947	11118	11284	11116	1.52	cps
Dysprosium	156-1	1223	1150	1280	1218	5.35	cps
Dysprosium	156-2	420	457	563	480	15.51	cps
Erbium	164-1	443	423	413	427	3.58	cps
Erbium	164-2	370	323	337	343	7.00	cps
Gadolinium	160-1	407	350	390	382	7.62	cps
Gadolinium	160-2	543	523	520	529	2.39	cps
Holmium	165-1	11153132	10917590	10789162	10953295	1.69	cps
Holmium	165-2	7694989	7627049	7692092	7671377	0.50	cps
Indium	115-1	8856725	8849230	8773177	8826378	0.52	cps
Indium	115-2	3137881	3074494	3079733	3097370	1.14	cps
Iron	56-2	1069659664	1076034571	1066553797	1070749344	0.45	cps
Iron	57-2	26726241	26820743	26816760	26787915	0.20	cps
Iron	54-2	59432621	58971354	58581186	58995054	0.72	cps
Krypton	83-1	297	360	383	347	12.94	cps

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LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:54:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7012	6932	6628	6857	2.95	cps
Lead	207-1	6248	5931	5448	5876	6.86	cps
Lead	208-1	28512	26954	25196	26887	6.17	cps
Lithium	6-1	1556819	1592133	1608600	1585851	1.67	cps
Magnesium	24-2	234531363	234397490	233625843	234184899	0.21	cps
Manganese	55-2	18708	18942	18114	18588	2.30	cps
Molybdenum	94-1	10974	10357	9967	10433	4.87	cps
Molybdenum	95-1	9973	9310	9006	9430	5.25	cps
Molybdenum	96-1	21673	21045	20291	21003	3.29	cps
Molybdenum	97-1	6348	5811	5561	5907	6.81	cps
Molybdenum	98-1	15465	14290	13723	14493	6.13	cps
Neodymium	150-1	237	210	223	223	5.97	cps
Neodymium	150-2	133	123	133	130	4.44	cps
Nickel	60-2	7745	7685	7435	7622	2.16	cps
Phosphorus	31-2	287	270	237	264	9.63	cps
Potassium	39-2	151516261	150838531	150702348	151019047	0.29	cps
Rhodium	103-1	8194708	8015889	7928199	8046266	1.69	cps
Rhodium	103-2	4978885	4955059	4900406	4944783	0.81	cps
Scandium	45-1	6141579	6129822	6144270	6138557	0.13	cps
Scandium	45-2	550449	552710	548974	550711	0.34	cps
Selenium	82-1	753	703	680	712	5.24	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	370	343	383	366	5.57	cps
Silicon	28-1	435594	426516	413762	425290	2.58	cps
Silver	107-1	2327	1897	1800	2008	13.96	cps
Silver	109-1	2023	1570	1607	1733	14.53	cps
Sodium	23-2	401552847	401988927	399171101	400904292	0.38	cps
Strontium	86-1	17017	15885	15612	16171	4.61	cps
Strontium	88-1	145684	136345	129353	137127	5.97	cps
Sulfur	34-1	256671	258512	262544	259242	1.16	cps
Terbium	159-1	11636895	11496444	11244512	11459284	1.73	cps
Terbium	159-2	7533558	7561611	7584781	7559983	0.34	cps
Thallium	203-1	1390	1147	973	1170	17.89	cps
Thallium	205-1	3220	2694	2447	2787	14.18	cps
Tin	118-1	5775	5725	6045	5848	2.95	cps
Titanium	47-1	2367	2327	2224	2306	3.21	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 14:54:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1727	1660	1330	1572	13.51	cps
Vanadium	51-2	870	867	923	887	3.59	cps
Yttrium	89-1	16066403	15922897	16105806	16031702	0.60	cps
Yttrium	89-2	4062507	4037272	3983866	4027882	1.00	cps
Zinc	66-2	7210	7234	7242	7229	0.23	cps
Zirconium	90-1	12692	12385	11822	12300	3.59	cps
Zirconium	91-1	2780	2767	2727	2758	1.01	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:00:18	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151970	152428	150870	151756	0.53	cps
Antimony	121-1	2110851	2175838	2205735	2164142	2.24	cps
Arsenic	75-2	127603	126890	126819	127104	0.34	cps
Barium	135-1	257028	265883	266636	263182	2.03	cps
Barium	137-1	446634	459100	462390	456041	1.82	cps
Beryllium	9-1	187409	194653	193216	191759	2.00	cps
Bismuth	209-1	6417255	6593554	6491575	6500795	1.36	cps
Bismuth	209-2	5286519	5362253	5457697	5368823	1.60	cps
Bromine	81-1	9957	10060	10054	10023	0.58	cps
Bromine	81-2	97	87	80	88	9.56	cps
Cadmium	108-1	18569	19173	19393	19045	2.24	cps
Cadmium	106-1	28301	28632	29233	28722	1.64	cps
Cadmium	111-1	277861	288797	285037	283898	1.96	cps
Calcium	43-1	69474	71541	71722	70912	1.76	cps
Calcium	44-1	1154439	1180562	1181361	1172121	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	540667	543112	539124	540967	0.37	cps
Cobalt	59-2	822424	821308	820279	821337	0.13	cps
Copper	63-2	555036	549477	549664	551392	0.57	cps
Dysprosium	156-1	617	810	700	709	13.68	cps
Dysprosium	156-2	157	143	163	154	6.59	cps
Erbium	164-1	80	93	70	81	14.43	cps
Erbium	164-2	60	87	60	69	22.35	cps
Gadolinium	160-1	57	50	50	52	7.37	cps
Gadolinium	160-2	347	287	317	317	9.47	cps
Holmium	165-1	10582272	10708945	10762264	10684494	0.87	cps
Holmium	165-2	7694189	7485944	7685611	7621915	1.55	cps
Indium	115-1	9107024	9162918	9304363	9191435	1.11	cps
Indium	115-2	3252435	3150471	3197785	3200231	1.59	cps
Iron	56-2	8800275	8768273	8785293	8784613	0.18	cps
Iron	57-2	235703	236423	237500	236542	0.38	cps
Iron	54-2	540730	535404	532217	536117	0.80	cps
Krypton	83-1	300	270	300	290	5.97	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:00:18	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1449070	1497698	1498658	1481809	1.91	cps
Lead	207-1	1219182	1257789	1274828	1250600	2.28	cps
Lead	208-1	5981289	6166326	6196107	6114574	1.90	cps
Lithium	6-1	1540555	1590365	1630306	1587076	2.83	cps
Magnesium	24-2	579766	578054	577454	578425	0.21	cps
Manganese	55-2	384959	387572	384882	385804	0.40	cps
Molybdenum	94-1	4804	4124	4064	4331	9.49	cps
Molybdenum	95-1	817	793	773	794	2.73	cps
Molybdenum	96-1	1663	1647	1657	1656	0.51	cps
Molybdenum	97-1	510	460	483	484	5.17	cps
Molybdenum	98-1	1177	1340	1217	1245	6.84	cps
Neodymium	150-1	20	10	30	20	50.00	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	209743	212355	210878	210992	0.62	cps
Phosphorus	31-2	177	203	200	193	7.52	cps
Potassium	39-2	1209963	1225268	1211304	1215512	0.70	cps
Rhodium	103-1	8863400	9071625	8896438	8943821	1.25	cps
Rhodium	103-2	5504533	5493971	5401947	5466817	1.03	cps
Scandium	45-1	5989836	6168276	6068188	6075433	1.47	cps
Scandium	45-2	552573	548359	545340	548757	0.66	cps
Selenium	82-1	38509	39607	39816	39310	1.79	cps
Selenium	77-2	3681	3594	3821	3698	3.09	cps
Selenium	78-2	13149	12886	12512	12849	2.49	cps
Silicon	28-1	357044	365624	365407	362692	1.35	cps
Silver	107-1	671054	695895	704461	690470	2.51	cps
Silver	109-1	635609	656787	658759	650385	1.97	cps
Sodium	23-2	1582758	1587642	1594003	1588134	0.36	cps
Strontium	86-1	1880	1950	1670	1833	7.95	cps
Strontium	88-1	11728	12242	11551	11840	3.03	cps
Sulfur	34-1	275888	270040	266723	270883	1.71	cps
Terbium	159-1	10931124	11071971	11170268	11057787	1.09	cps
Terbium	159-2	7693275	7502482	7564690	7586816	1.28	cps
Thallium	203-1	1994419	2066485	2058742	2039882	1.94	cps
Thallium	205-1	4765041	4812462	4906592	4828032	1.49	cps
Tin	118-1	2760	3097	3250	3036	8.26	cps
Titanium	47-1	343	437	430	403	12.91	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:00:18	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	173	233	150	186	23.17	cps
Vanadium	51-2	465767	465078	462730	464525	0.34	cps
Yttrium	89-1	15726393	15871986	16052269	15883549	1.03	cps
Yttrium	89-2	4117494	4042472	4011401	4057122	1.34	cps
Zinc	66-2	179456	178530	179182	179056	0.27	cps
Zirconium	90-1	11835	10437	9937	10736	9.16	cps
Zirconium	91-1	2980	2537	2367	2628	12.05	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:03:31	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1913	1840	1953	1902	3.02	cps
Antimony	121-1	1750	1760	1963	1825	6.60	cps
Arsenic	75-2	30	20	37	29	29.04	cps
Barium	135-1	283	267	280	277	3.19	cps
Barium	137-1	517	563	513	531	5.26	cps
Beryllium	9-1	54	51	71	58	18.22	cps
Bismuth	209-1	6578631	6713264	6648726	6646874	1.01	cps
Bismuth	209-2	5373596	5393430	5455450	5407492	0.79	cps
Bromine	81-1	10537	10574	10390	10500	0.92	cps
Bromine	81-2	87	100	107	98	10.41	cps
Cadmium	108-1	0	33	10	14	118.42	cps
Cadmium	106-1	3190	3320	3244	3252	2.01	cps
Cadmium	111-1	2297	2348	2307	2317	1.16	cps
Calcium	43-1	470	500	513	494	4.49	cps
Calcium	44-1	25302	24394	24624	24774	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1380	1377	1403	1387	1.05	cps
Cobalt	59-2	233	263	307	268	13.77	cps
Copper	63-2	1313	1400	1367	1360	3.21	cps
Dysprosium	156-1	643	607	660	637	4.29	cps
Dysprosium	156-2	177	100	140	139	27.61	cps
Erbium	164-1	67	70	90	76	16.70	cps
Erbium	164-2	63	60	60	61	3.15	cps
Gadolinium	160-1	43	50	50	48	8.06	cps
Gadolinium	160-2	253	270	237	253	6.58	cps
Holmium	165-1	10794195	10906762	10995577	10898844	0.93	cps
Holmium	165-2	7703720	7681417	7730389	7705175	0.32	cps
Indium	115-1	9288136	9312007	9423997	9341380	0.78	cps
Indium	115-2	3275094	3224740	3311955	3270596	1.34	cps
Iron	56-2	26557	27315	26804	26892	1.44	cps
Iron	57-2	2234	2230	2187	2217	1.17	cps
Iron	54-2	3194	2924	3177	3098	4.88	cps
Krypton	83-1	277	290	333	300	9.88	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:03:31	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1110	853	963	976	13.20	cps
Lead	207-1	960	900	777	879	10.64	cps
Lead	208-1	4257	3764	3610	3877	8.72	cps
Lithium	6-1	1609114	1632524	1615789	1619143	0.74	cps
Magnesium	24-2	1443	1477	1550	1490	3.66	cps
Manganese	55-2	870	943	880	898	4.43	cps
Molybdenum	94-1	1587	1660	1527	1591	4.20	cps
Molybdenum	95-1	443	507	500	483	7.20	cps
Molybdenum	96-1	763	777	730	757	3.18	cps
Molybdenum	97-1	307	293	293	298	2.58	cps
Molybdenum	98-1	677	663	787	709	9.55	cps
Neodymium	150-1	33	13	10	19	66.81	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	323	253	240	272	16.44	cps
Phosphorus	31-2	143	167	187	166	13.10	cps
Potassium	39-2	78665	78832	79318	78939	0.43	cps
Rhodium	103-1	9063501	9042412	9139787	9081900	0.56	cps
Rhodium	103-2	5590311	5588784	5608066	5595720	0.19	cps
Scandium	45-1	6051918	6155691	6134152	6113920	0.90	cps
Scandium	45-2	550326	546823	549728	548959	0.34	cps
Selenium	82-1	557	506	498	520	6.14	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	367	380	397	381	3.94	cps
Silicon	28-1	350899	352825	352415	352046	0.29	cps
Silver	107-1	677	527	443	549	21.54	cps
Silver	109-1	600	443	417	487	20.35	cps
Sodium	23-2	44384	45233	43979	44532	1.44	cps
Strontium	86-1	750	853	760	788	7.23	cps
Strontium	88-1	3104	2920	2830	2951	4.72	cps
Sulfur	34-1	271249	271360	267555	270054	0.80	cps
Terbium	159-1	11042678	11170062	11304637	11172459	1.17	cps
Terbium	159-2	7691998	7631818	7575111	7632976	0.77	cps
Thallium	203-1	617	563	563	581	5.30	cps
Thallium	205-1	1503	1227	1320	1350	10.43	cps
Tin	118-1	2520	2660	2754	2645	4.44	cps
Titanium	47-1	290	230	287	269	12.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:03:31	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	143	153	130	142	8.23	cps
Vanadium	51-2	17	37	70	41	65.53	cps
Yttrium	89-1	16083211	16096350	16207514	16129025	0.42	cps
Yttrium	89-2	4158265	4133617	4114576	4135486	0.53	cps
Zinc	66-2	1104	1084	1177	1122	4.39	cps
Zirconium	90-1	3387	3380	3537	3435	2.58	cps
Zirconium	91-1	800	867	800	822	4.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:14:06	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25878255	25831330	26014314	25907967	0.37	cps
Antimony	121-1	12679	12392	12993	12688	2.37	cps
Arsenic	75-2	260	240	233	244	5.68	cps
Barium	135-1	4164	4201	3967	4111	3.05	cps
Barium	137-1	7389	7375	7379	7381	0.09	cps
Beryllium	9-1	637	657	590	628	5.44	cps
Bismuth	209-1	6565478	6590473	6537319	6564424	0.41	cps
Bismuth	209-2	5130803	5252449	5269411	5217554	1.45	cps
Bromine	81-1	11638	11278	11465	11460	1.57	cps
Bromine	81-2	233	237	257	242	5.21	cps
Cadmium	108-1	1623	1477	1520	1540	4.89	cps
Cadmium	106-1	2680	3010	3187	2959	8.69	cps
Cadmium	111-1	2643	3037	2974	2885	7.33	cps
Calcium	43-1	3360277	3400774	3409635	3390229	0.78	cps
Calcium	44-1	55064981	55106991	55618663	55263545	0.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109705	108929	109098	109244	0.37	cps
Cobalt	59-2	10337	10450	10467	10418	0.68	cps
Copper	63-2	45670	44743	44981	45131	1.07	cps
Dysprosium	156-1	597	527	643	589	9.97	cps
Dysprosium	156-2	127	167	150	148	13.60	cps
Erbium	164-1	133	120	127	127	5.27	cps
Erbium	164-2	77	70	103	83	21.17	cps
Gadolinium	160-1	73	103	60	79	28.13	cps
Gadolinium	160-2	330	347	357	344	3.91	cps
Holmium	165-1	11546078	11484752	11279214	11436681	1.22	cps
Holmium	165-2	7982707	7994412	8145868	8040996	1.13	cps
Indium	115-1	9193920	9477736	9336294	9335983	1.52	cps
Indium	115-2	3304239	3207313	3285871	3265808	1.58	cps
Iron	56-2	436250460	440711260	439947647	438969789	0.54	cps
Iron	57-2	10824730	11016436	10863112	10901426	0.93	cps
Iron	54-2	24327321	24340558	24410765	24359548	0.18	cps
Krypton	83-1	327	283	250	287	13.41	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:14:06	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32937	33755	33408	33366	1.23	cps
Lead	207-1	26476	27161	26623	26753	1.35	cps
Lead	208-1	123885	127478	126579	125981	1.48	cps
Lithium	6-1	1575226	1675091	1614161	1621492	3.10	cps
Magnesium	24-2	46353608	46730986	46169288	46417960	0.62	cps
Manganese	55-2	33898	33247	34299	33815	1.57	cps
Molybdenum	94-1	6571993	6566035	6602323	6580117	0.30	cps
Molybdenum	95-1	11499978	11613741	11766479	11626732	1.15	cps
Molybdenum	96-1	12165149	12413741	12496179	12358356	1.39	cps
Molybdenum	97-1	7108513	7211465	7256648	7192209	1.06	cps
Molybdenum	98-1	18330007	18394395	18438356	18387586	0.30	cps
Neodymium	150-1	60	83	50	64	26.54	cps
Neodymium	150-2	30	23	20	24	20.83	cps
Nickel	60-2	11471	11661	11678	11603	0.99	cps
Phosphorus	31-2	1490448	1468600	1452139	1470396	1.31	cps
Potassium	39-2	57691967	58248049	58106864	58015627	0.50	cps
Rhodium	103-1	8889332	8847119	8885841	8874097	0.26	cps
Rhodium	103-2	5371016	5423177	5393789	5395994	0.48	cps
Scandium	45-1	6305067	6292412	6266136	6287871	0.32	cps
Scandium	45-2	561178	561465	559265	560636	0.21	cps
Selenium	82-1	562	603	577	581	3.56	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	300	390	357	349	13.04	cps
Silicon	28-1	451733	463277	462421	459143	1.40	cps
Silver	107-1	440	517	577	511	13.40	cps
Silver	109-1	373	390	457	407	10.84	cps
Sodium	23-2	80254465	80372492	80714080	80447013	0.30	cps
Strontium	86-1	132190	135685	136681	134852	1.75	cps
Strontium	88-1	1161125	1182476	1176580	1173394	0.94	cps
Sulfur	34-1	5414694	5434518	5453805	5434339	0.36	cps
Terbium	159-1	11894384	11710219	11703140	11769248	0.92	cps
Terbium	159-2	8002307	7859226	7826648	7896060	1.18	cps
Thallium	203-1	843	900	887	877	3.38	cps
Thallium	205-1	2314	2090	2154	2186	5.27	cps
Tin	118-1	3811	4231	4527	4190	8.60	cps
Titanium	47-1	3326434	3335459	3357023	3339638	0.47	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:14:06	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	740	633	677	683	7.85	cps
Vanadium	51-2	1100	1020	1020	1047	4.41	cps
Yttrium	89-1	16693280	16756026	16729927	16726411	0.19	cps
Yttrium	89-2	4240215	4219430	4155380	4205008	1.05	cps
Zinc	66-2	15552	15729	15773	15685	0.74	cps
Zirconium	90-1	1550	1603	1827	1660	8.84	cps
Zirconium	91-1	357	443	337	379	14.97	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:17:11	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24748126	24945385	25123779	24939097	0.75	cps
Antimony	121-1	215227	221531	224360	220373	2.12	cps
Arsenic	75-2	12279	12268	12492	12346	1.02	cps
Barium	135-1	55347	57559	56923	56610	2.01	cps
Barium	137-1	94625	97478	98179	96761	1.95	cps
Beryllium	9-1	36417	38110	37609	37378	2.33	cps
Bismuth	209-1	6303747	6335131	6399107	6345995	0.77	cps
Bismuth	209-2	5087098	5135985	5049241	5090775	0.85	cps
Bromine	81-1	11204	11071	11465	11247	1.78	cps
Bromine	81-2	190	207	177	191	7.86	cps
Cadmium	108-1	4764	5204	4928	4965	4.48	cps
Cadmium	106-1	7942	8026	7972	7980	0.53	cps
Cadmium	111-1	55271	55590	57356	56073	2.00	cps
Calcium	43-1	3200815	3240515	3295074	3245468	1.46	cps
Calcium	44-1	51321783	53275054	53210608	52602481	2.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208022	207853	206798	207557	0.32	cps
Cobalt	59-2	162795	163691	164052	163513	0.40	cps
Copper	63-2	143665	144617	145032	144438	0.49	cps
Dysprosium	156-1	637	533	490	553	13.62	cps
Dysprosium	156-2	163	160	117	147	17.75	cps
Erbium	164-1	113	107	107	109	3.53	cps
Erbium	164-2	70	87	67	74	14.39	cps
Gadolinium	160-1	100	67	83	83	20.00	cps
Gadolinium	160-2	227	270	370	289	25.45	cps
Holmium	165-1	10919877	11077967	11055529	11017791	0.78	cps
Holmium	165-2	7713214	7740645	7690453	7714771	0.33	cps
Indium	115-1	9025821	9157187	9274862	9152623	1.36	cps
Indium	115-2	3134382	3160411	3129732	3141508	0.53	cps
Iron	56-2	427585060	429310007	429038660	428644576	0.22	cps
Iron	57-2	10602648	10658188	10640769	10633868	0.27	cps
Iron	54-2	23676325	23517640	23810110	23668025	0.62	cps
Krypton	83-1	307	347	223	292	21.53	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:17:11	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	183349	185919	188350	185873	1.35	cps
Lead	207-1	154953	157448	159846	157416	1.55	cps
Lead	208-1	710724	720051	736499	722425	1.81	cps
Lithium	6-1	1499596	1527163	1539302	1522020	1.34	cps
Magnesium	24-2	44651078	44586296	44775978	44671117	0.22	cps
Manganese	55-2	104258	104537	105560	104785	0.65	cps
Molybdenum	94-1	6285246	6407757	6370229	6354411	0.99	cps
Molybdenum	95-1	11052121	11261077	11271337	11194845	1.11	cps
Molybdenum	96-1	11648778	11957094	11955551	11853807	1.50	cps
Molybdenum	97-1	6804907	7029112	6945624	6926548	1.64	cps
Molybdenum	98-1	17558332	17905845	17847373	17770517	1.05	cps
Neodymium	150-1	60	63	77	67	13.23	cps
Neodymium	150-2	43	27	37	36	23.58	cps
Nickel	60-2	50572	49150	49485	49736	1.49	cps
Phosphorus	31-2	1412772	1416750	1402244	1410589	0.53	cps
Potassium	39-2	55894051	56266712	56316594	56159119	0.41	cps
Rhodium	103-1	8532169	8689863	8598559	8606863	0.92	cps
Rhodium	103-2	5338856	5256008	5366437	5320434	1.08	cps
Scandium	45-1	5960028	6029916	6027561	6005835	0.66	cps
Scandium	45-2	547339	545026	545901	546089	0.21	cps
Selenium	82-1	3848	4159	4361	4123	6.27	cps
Selenium	77-2	393	360	307	353	12.37	cps
Selenium	78-2	1600	1463	1493	1519	4.73	cps
Silicon	28-1	468826	480836	484580	478080	1.72	cps
Silver	107-1	255529	260082	263970	259861	1.63	cps
Silver	109-1	235626	244872	247415	242638	2.56	cps
Sodium	23-2	77194602	77163562	77808752	77388972	0.47	cps
Strontium	86-1	129271	131174	132611	131019	1.28	cps
Strontium	88-1	1105657	1145574	1149887	1133706	2.15	cps
Sulfur	34-1	4968476	5102182	5158229	5076296	1.92	cps
Terbium	159-1	11257487	11468090	11422612	11382730	0.97	cps
Terbium	159-2	7686327	7608008	7733082	7675806	0.82	cps
Thallium	203-1	187498	192807	195980	192095	2.23	cps
Thallium	205-1	451779	458054	466067	458633	1.56	cps
Tin	118-1	3267	3721	3994	3661	10.03	cps
Titanium	47-1	3150836	3198468	3266829	3205378	1.82	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:17:11	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	777	677	660	704	8.96	cps
Vanadium	51-2	92159	90643	91180	91327	0.84	cps
Yttrium	89-1	16071555	16213985	16308146	16197895	0.74	cps
Yttrium	89-2	4117103	4075793	4088949	4093948	0.52	cps
Zinc	66-2	27003	27562	27850	27472	1.57	cps
Zirconium	90-1	1987	2290	2157	2145	7.09	cps
Zirconium	91-1	427	517	540	494	12.10	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:27:05	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14028691	13950756	14111244	14030230	0.57	cps
Antimony	121-1	5327178	5460701	5494802	5427560	1.63	cps
Arsenic	75-2	312233	309097	306976	309435	0.85	cps
Barium	135-1	7165372	7218178	7217865	7200472	0.42	cps
Barium	137-1	12242122	12332903	12425543	12333523	0.74	cps
Beryllium	9-1	1017543	1035420	1037031	1029998	1.05	cps
Bismuth	209-1	6483521	6420835	6454571	6452976	0.49	cps
Bismuth	209-2	4992632	5104642	5085870	5061048	1.19	cps
Bromine	81-1	11128	10621	11258	11002	3.06	cps
Bromine	81-2	153	107	143	134	18.28	cps
Cadmium	108-1	105406	106652	105184	105747	0.75	cps
Cadmium	106-1	151935	154528	155519	153994	1.20	cps
Cadmium	111-1	1407693	1438476	1442865	1429678	1.34	cps
Calcium	43-1	8605825	8805906	8754264	8721998	1.19	cps
Calcium	44-1	136557311	142116565	140376321	139683399	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2564841	2562389	2574861	2567363	0.26	cps
Cobalt	59-2	4063085	4026833	4046761	4045559	0.45	cps
Copper	63-2	28835221	28718916	28355766	28636635	0.87	cps
Dysprosium	156-1	847	1000	970	939	8.66	cps
Dysprosium	156-2	547	557	550	551	0.92	cps
Erbium	164-1	277	340	333	317	10.99	cps
Erbium	164-2	193	160	233	196	18.78	cps
Gadolinium	160-1	200	270	260	243	15.56	cps
Gadolinium	160-2	433	443	433	437	1.32	cps
Holmium	165-1	11372947	11337262	11464450	11391553	0.58	cps
Holmium	165-2	7901308	8035321	7842499	7926376	1.25	cps
Indium	115-1	9185672	9276282	9203730	9221895	0.52	cps
Indium	115-2	3168505	3132940	3148309	3149918	0.57	cps
Iron	56-2	548637018	540338099	545883472	544952863	0.78	cps
Iron	57-2	13432768	13356251	13590984	13460001	0.89	cps
Iron	54-2	30029346	30043453	30221918	30098239	0.36	cps
Krypton	83-1	380	297	300	326	14.49	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:27:05	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19087449	19442562	19420336	19316782	1.03	cps
Lead	207-1	16811220	17157668	17210034	17059641	1.27	cps
Lead	208-1	76601240	78050247	78134408	77595298	1.11	cps
Lithium	6-1	1595122	1616882	1602118	1604707	0.69	cps
Magnesium	24-2	116855865	116892362	117472015	117073414	0.30	cps
Manganese	55-2	18680599	18308640	18428402	18472547	1.03	cps
Molybdenum	94-1	22247915	22492382	22642236	22460844	0.89	cps
Molybdenum	95-1	32694529	33015867	32801028	32837141	0.50	cps
Molybdenum	96-1	35336084	36087382	36251465	35891644	1.36	cps
Molybdenum	97-1	20062127	20811319	20649923	20507790	1.92	cps
Molybdenum	98-1	51635778	53269279	52955711	52620256	1.65	cps
Neodymium	150-1	377	383	423	394	6.40	cps
Neodymium	150-2	117	100	133	117	14.29	cps
Nickel	60-2	1016337	1010870	1011605	1012937	0.29	cps
Phosphorus	31-2	154355	153746	154935	154346	0.39	cps
Potassium	39-2	73526299	73288359	73407981	73407546	0.16	cps
Rhodium	103-1	8485008	8672160	8690091	8615753	1.32	cps
Rhodium	103-2	5271834	5185267	5283519	5246873	1.02	cps
Scandium	45-1	6161017	6258246	6294710	6237991	1.11	cps
Scandium	45-2	560386	553281	561509	558392	0.80	cps
Selenium	82-1	91290	93036	93866	92731	1.42	cps
Selenium	77-2	8956	9006	8799	8921	1.21	cps
Selenium	78-2	29947	29373	30341	29887	1.63	cps
Silicon	28-1	25673975	26260640	26331380	26088665	1.38	cps
Silver	107-1	6892056	7146228	6962863	7000382	1.87	cps
Silver	109-1	6404373	6508286	6539203	6483954	1.09	cps
Sodium	23-2	200201857	200091357	201361224	200551479	0.35	cps
Strontium	86-1	47685641	48721126	48808658	48405142	1.29	cps
Strontium	88-1	412331021	425027607	421900500	419753043	1.58	cps
Sulfur	34-1	784790	787956	788646	787131	0.26	cps
Terbium	159-1	11718763	11768804	11825698	11771088	0.45	cps
Terbium	159-2	7946051	7763820	7811194	7840355	1.21	cps
Thallium	203-1	4846845	4877663	4886533	4870347	0.43	cps
Thallium	205-1	11561544	11609761	11462657	11544654	0.65	cps
Tin	118-1	4625568	4662746	4729614	4672643	1.13	cps
Titanium	47-1	9073074	9224700	9239335	9179036	1.00	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV019	Instrumnet Name :	P7
Client Sample ID :	CCV019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:27:05	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15493796	15737462	15551629	15594296	0.82	cps
Vanadium	51-2	2317639	2303880	2286811	2302777	0.67	cps
Yttrium	89-1	16663709	16885139	16735274	16761374	0.67	cps
Yttrium	89-2	4139599	4149625	4101078	4130101	0.62	cps
Zinc	66-2	4449218	4435933	4444919	4443357	0.15	cps
Zirconium	90-1	10306252	10482197	10501949	10430133	1.03	cps
Zirconium	91-1	2298362	2330504	2291821	2306896	0.90	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:33:23	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1010	980	1107	1032	6.41	cps
Antimony	121-1	937	1000	1183	1040	12.32	cps
Arsenic	75-2	17	37	13	22	56.80	cps
Barium	135-1	317	373	287	326	13.52	cps
Barium	137-1	447	593	513	518	14.18	cps
Beryllium	9-1	72	72	75	73	2.68	cps
Bismuth	209-1	6993664	6880738	6838095	6904166	1.16	cps
Bismuth	209-2	5573870	5459799	5534036	5522568	1.05	cps
Bromine	81-1	10801	10747	10430	10660	1.88	cps
Bromine	81-2	137	160	173	157	11.85	cps
Cadmium	108-1	33	10	17	20	60.08	cps
Cadmium	106-1	3334	3517	3310	3387	3.34	cps
Cadmium	111-1	2410	2555	2399	2455	3.54	cps
Calcium	43-1	1367	1370	1227	1321	6.19	cps
Calcium	44-1	38543	37481	38480	38168	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1027	1187	1067	1093	7.62	cps
Cobalt	59-2	303	263	273	280	7.43	cps
Copper	63-2	1687	1557	1807	1683	7.43	cps
Dysprosium	156-1	620	677	587	628	7.25	cps
Dysprosium	156-2	123	150	137	137	9.75	cps
Erbium	164-1	83	100	63	82	22.33	cps
Erbium	164-2	47	60	50	52	13.28	cps
Gadolinium	160-1	30	60	63	51	35.92	cps
Gadolinium	160-2	227	293	290	270	13.91	cps
Holmium	165-1	11540645	11409529	11389876	11446683	0.72	cps
Holmium	165-2	7989532	7795147	7932114	7905598	1.26	cps
Indium	115-1	9919090	9720084	9832204	9823793	1.02	cps
Indium	115-2	3363197	3374467	3322171	3353278	0.82	cps
Iron	56-2	35599	35418	34743	35254	1.28	cps
Iron	57-2	2377	2307	2410	2365	2.23	cps
Iron	54-2	3117	3207	3234	3186	1.92	cps
Krypton	83-1	270	340	317	309	11.54	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:33:23	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1027	997	920	981	5.61	cps
Lead	207-1	907	937	943	929	2.10	cps
Lead	208-1	4404	3977	3904	4095	6.60	cps
Lithium	6-1	1589240	1618114	1613614	1606989	0.97	cps
Magnesium	24-2	4137	4257	4144	4179	1.61	cps
Manganese	55-2	1200	1250	1147	1199	4.31	cps
Molybdenum	94-1	1053	973	1037	1021	4.13	cps
Molybdenum	95-1	1013	1073	1020	1036	3.18	cps
Molybdenum	96-1	1183	1190	1343	1239	7.31	cps
Molybdenum	97-1	650	650	710	670	5.17	cps
Molybdenum	98-1	1677	1553	1717	1649	5.16	cps
Neodymium	150-1	17	23	10	17	39.99	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	177	227	203	202	12.37	cps
Phosphorus	31-2	177	130	183	163	17.79	cps
Potassium	39-2	88083	86601	87047	87244	0.87	cps
Rhodium	103-1	9481493	9508530	9304464	9431496	1.18	cps
Rhodium	103-2	5741250	5673597	5671614	5695487	0.70	cps
Scandium	45-1	6268826	6318660	6344166	6310551	0.61	cps
Scandium	45-2	560942	554471	556143	557185	0.60	cps
Selenium	82-1	583	514	527	541	6.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	287	353	350	330	11.38	cps
Silicon	28-1	308458	309627	309402	309162	0.20	cps
Silver	107-1	433	393	353	393	10.17	cps
Silver	109-1	397	270	297	321	20.80	cps
Sodium	23-2	66489	65847	64976	65771	1.15	cps
Strontium	86-1	1480	1300	1407	1396	6.49	cps
Strontium	88-1	8503	7949	7752	8068	4.82	cps
Sulfur	34-1	258288	262613	258651	259851	0.92	cps
Terbium	159-1	11892469	11783562	11603209	11759747	1.24	cps
Terbium	159-2	7959833	7739429	7894959	7864740	1.44	cps
Thallium	203-1	633	610	563	602	5.92	cps
Thallium	205-1	1343	1370	1343	1352	1.14	cps
Tin	118-1	2517	2784	2794	2698	5.82	cps
Titanium	47-1	407	417	483	436	9.57	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB019	Instrumnet Name :	P7
Client Sample ID :	CCB019	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 15:33:23	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	347	367	367	360	3.21	cps
Vanadium	51-2	57	57	77	63	18.23	cps
Yttrium	89-1	16959199	16928437	16872733	16920123	0.26	cps
Yttrium	89-2	4175708	4166693	4172709	4171703	0.11	cps
Zinc	66-2	1874	1954	1964	1931	2.55	cps
Zirconium	90-1	1010	1187	1083	1093	8.12	cps
Zirconium	91-1	230	243	190	221	12.55	cps

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On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BL	Instrumnet Name :	P7
Client Sample ID :	PBS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:22:44	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	653	710	710	691	4.73	cps
Antimony	121-1	957	1113	1113	1061	8.52	cps
Arsenic	75-2	3	23	10	12	83.33	cps
Barium	135-1	240	223	257	240	6.94	cps
Barium	137-1	390	463	483	446	11.03	cps
Beryllium	9-1	55	61	65	60	8.57	cps
Bismuth	209-1	7019013	7056350	6911374	6995579	1.08	cps
Bismuth	209-2	5578802	5566627	5487791	5544407	0.89	cps
Bromine	81-1	10304	10961	10657	10641	3.09	cps
Bromine	81-2	207	120	167	164	26.38	cps
Cadmium	108-1	13	10	10	11	17.30	cps
Cadmium	106-1	3477	3207	3247	3310	4.40	cps
Cadmium	111-1	2465	2285	2319	2356	4.05	cps
Calcium	43-1	780	867	817	821	5.30	cps
Calcium	44-1	28428	28157	28100	28229	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	970	1070	970	1003	5.75	cps
Cobalt	59-2	193	250	257	233	14.91	cps
Copper	63-2	1413	1247	1380	1347	6.55	cps
Dysprosium	156-1	403	393	320	372	12.22	cps
Dysprosium	156-2	97	97	100	98	1.97	cps
Erbium	164-1	50	93	70	71	30.50	cps
Erbium	164-2	53	67	40	53	25.00	cps
Gadolinium	160-1	33	40	37	37	9.10	cps
Gadolinium	160-2	297	287	267	283	5.39	cps
Holmium	165-1	11602580	11530008	11383585	11505391	0.97	cps
Holmium	165-2	7876870	7842289	7893073	7870744	0.33	cps
Indium	115-1	9795963	9734814	9699033	9743270	0.50	cps
Indium	115-2	3310722	3332429	3261908	3301686	1.09	cps
Iron	56-2	30895	30374	30017	30429	1.45	cps
Iron	57-2	2044	2180	2237	2154	4.62	cps
Iron	54-2	2810	2887	2607	2768	5.23	cps
Krypton	83-1	300	313	290	301	3.89	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BL	Instrumnet Name :	P7
Client Sample ID :	PBS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:22:44	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	810	700	710	740	8.22	cps
Lead	207-1	753	697	653	701	7.15	cps
Lead	208-1	3334	3047	3027	3136	5.47	cps
Lithium	6-1	1644085	1630317	1650985	1641795	0.64	cps
Magnesium	24-2	3060	2970	2957	2996	1.88	cps
Manganese	55-2	1053	933	1087	1024	7.87	cps
Molybdenum	94-1	887	820	850	852	3.92	cps
Molybdenum	95-1	907	860	880	882	2.65	cps
Molybdenum	96-1	1087	1033	963	1028	6.02	cps
Molybdenum	97-1	527	470	517	504	6.00	cps
Molybdenum	98-1	1383	1313	1300	1332	3.36	cps
Neodymium	150-1	23	7	7	12	78.69	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	227	210	237	224	6.00	cps
Phosphorus	31-2	157	167	163	162	3.14	cps
Potassium	39-2	78514	78973	77409	78299	1.03	cps
Rhodium	103-1	9390487	9433543	9361170	9395067	0.39	cps
Rhodium	103-2	5757093	5639138	5602031	5666087	1.43	cps
Scandium	45-1	6220899	6262660	6116214	6199924	1.22	cps
Scandium	45-2	547486	548939	544772	547066	0.39	cps
Selenium	82-1	531	557	506	531	4.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	447	360	383	397	11.31	cps
Silicon	28-1	304139	304189	304344	304224	0.04	cps
Silver	107-1	300	257	253	270	9.64	cps
Silver	109-1	297	243	210	250	17.49	cps
Sodium	23-2	59391	59287	57945	58874	1.37	cps
Strontium	86-1	1203	1077	1167	1149	5.67	cps
Strontium	88-1	6658	6178	5895	6244	6.18	cps
Sulfur	34-1	266418	265842	265323	265861	0.21	cps
Terbium	159-1	11827557	11899341	11715777	11814225	0.78	cps
Terbium	159-2	7928663	7871412	7864296	7888124	0.45	cps
Thallium	203-1	350	307	390	349	11.95	cps
Thallium	205-1	883	837	847	856	2.87	cps
Tin	118-1	2210	2460	2307	2326	5.42	cps
Titanium	47-1	320	397	410	376	12.93	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BL	Instrumnet Name :	P7
Client Sample ID :	PBS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:22:44	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	247	287	267	267	7.50	cps
Vanadium	51-2	77	50	37	54	37.41	cps
Yttrium	89-1	16812041	16842069	16728525	16794212	0.35	cps
Yttrium	89-2	4212111	4126835	4103670	4147538	1.38	cps
Zinc	66-2	1150	1171	1161	1161	0.87	cps
Zirconium	90-1	1190	1007	1097	1098	8.35	cps
Zirconium	91-1	207	230	207	214	6.28	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BS	Instrumnet Name :	P7
Client Sample ID :	LCS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:26:01	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12642	12525	12719	12629	0.77	cps
Antimony	121-1	45716	46288	45502	45835	0.89	cps
Arsenic	75-2	1447	1410	1450	1436	1.55	cps
Barium	135-1	55598	55457	54527	55194	1.05	cps
Barium	137-1	96492	97417	95502	96470	0.99	cps
Beryllium	9-1	4429	4440	4414	4427	0.29	cps
Bismuth	209-1	6935328	6974476	6909001	6939602	0.47	cps
Bismuth	209-2	5465502	5496824	5414471	5458932	0.76	cps
Bromine	81-1	10711	10694	11234	10880	2.82	cps
Bromine	81-2	163	133	190	162	17.47	cps
Cadmium	108-1	533	607	543	561	7.09	cps
Cadmium	106-1	4444	4287	4101	4277	4.02	cps
Cadmium	111-1	9706	9852	9459	9672	2.06	cps
Calcium	43-1	37269	37567	37891	37575	0.83	cps
Calcium	44-1	619648	628080	623947	623892	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25281	25652	25482	25472	0.73	cps
Cobalt	59-2	17287	17564	17313	17388	0.88	cps
Copper	63-2	25756	26236	25572	25855	1.33	cps
Dysprosium	156-1	437	387	487	437	11.45	cps
Dysprosium	156-2	110	123	97	110	12.12	cps
Erbium	164-1	50	67	77	64	20.91	cps
Erbium	164-2	53	53	47	51	7.52	cps
Gadolinium	160-1	37	40	70	49	37.55	cps
Gadolinium	160-2	280	280	293	284	2.71	cps
Holmium	165-1	11284914	11275192	11302357	11287488	0.12	cps
Holmium	165-2	7847761	7682904	7810568	7780411	1.11	cps
Indium	115-1	9725311	9756592	9681497	9721133	0.39	cps
Indium	115-2	3306307	3333815	3286370	3308831	0.72	cps
Iron	56-2	1910662	1918844	1916103	1915203	0.22	cps
Iron	57-2	52230	51926	52943	52366	1.00	cps
Iron	54-2	113766	114252	113376	113798	0.39	cps
Krypton	83-1	257	263	353	291	18.55	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BS	Instrumnet Name :	P7
Client Sample ID :	LCS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:26:01	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15652	15939	15759	15784	0.92	cps
Lead	207-1	14054	13987	13700	13914	1.35	cps
Lead	208-1	63345	63415	63355	63372	0.06	cps
Lithium	6-1	1628035	1623771	1639081	1630296	0.48	cps
Magnesium	24-2	545952	540493	542560	543002	0.51	cps
Manganese	55-2	9496	9340	9570	9469	1.24	cps
Molybdenum	94-1	51393	52674	51721	51929	1.28	cps
Molybdenum	95-1	62888	63142	63035	63022	0.20	cps
Molybdenum	96-1	69095	70157	68768	69340	1.05	cps
Molybdenum	97-1	39182	38307	38882	38790	1.15	cps
Molybdenum	98-1	99194	100674	99885	99917	0.74	cps
Neodymium	150-1	23	10	7	13	66.12	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	4787	4944	5001	4911	2.25	cps
Phosphorus	31-2	180	123	180	161	20.31	cps
Potassium	39-2	737726	735948	740070	737915	0.28	cps
Rhodium	103-1	9241127	9471387	9224354	9312289	1.48	cps
Rhodium	103-2	5600960	5607277	5591363	5599867	0.14	cps
Scandium	45-1	6252108	6328414	6192857	6257793	1.09	cps
Scandium	45-2	556222	554756	551607	554195	0.43	cps
Selenium	82-1	2735	2642	2804	2727	2.98	cps
Selenium	77-2	213	203	177	198	9.58	cps
Selenium	78-2	1177	1013	963	1051	10.62	cps
Silicon	28-1	442315	444266	444641	443740	0.28	cps
Silver	107-1	28308	29560	29931	29266	2.91	cps
Silver	109-1	27386	27643	27763	27597	0.70	cps
Sodium	23-2	924972	924942	926594	925503	0.10	cps
Strontium	86-1	9446	9637	9296	9460	1.80	cps
Strontium	88-1	75147	76765	76504	76139	1.14	cps
Sulfur	34-1	276093	279964	281146	279068	0.95	cps
Terbium	159-1	11701094	11900506	11579344	11726981	1.38	cps
Terbium	159-2	7853142	7778091	7699734	7776989	0.99	cps
Thallium	203-1	18569	18977	19014	18853	1.31	cps
Thallium	205-1	44446	44606	44044	44365	0.65	cps
Tin	118-1	2467	2487	2534	2496	1.37	cps
Titanium	47-1	18041	18128	18141	18103	0.30	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BS	Instrumnet Name :	P7
Client Sample ID :	LCS088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:26:01	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57681	57781	55967	57143	1.78	cps
Vanadium	51-2	48705	48688	48641	48678	0.07	cps
Yttrium	89-1	16610368	16942571	16485251	16679396	1.42	cps
Yttrium	89-2	4140496	4172562	4125417	4146158	0.58	cps
Zinc	66-2	12093	12160	12263	12172	0.70	cps
Zirconium	90-1	44514	45343	44404	44754	1.15	cps
Zirconium	91-1	9547	9840	9953	9780	2.15	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:29:19	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6708	6608	6798	6705	1.42	cps
Antimony	121-1	22788	22982	23175	22982	0.84	cps
Arsenic	75-2	647	660	700	669	4.15	cps
Barium	135-1	28201	27801	27527	27843	1.22	cps
Barium	137-1	48305	48813	48589	48569	0.52	cps
Beryllium	9-1	2206	2194	2263	2221	1.66	cps
Bismuth	209-1	6921884	6824921	6951853	6899552	0.96	cps
Bismuth	209-2	5397821	5357383	5437884	5397696	0.75	cps
Bromine	81-1	10384	10627	10284	10432	1.69	cps
Bromine	81-2	157	137	127	140	10.91	cps
Cadmium	108-1	300	343	257	300	14.44	cps
Cadmium	106-1	3871	3671	3754	3765	2.67	cps
Cadmium	111-1	6043	6156	6005	6068	1.29	cps
Calcium	43-1	18702	19676	18898	19092	2.70	cps
Calcium	44-1	324658	329274	328495	327476	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13603	13263	13169	13345	1.71	cps
Cobalt	59-2	8829	8909	8756	8832	0.87	cps
Copper	63-2	14093	13550	13383	13675	2.72	cps
Dysprosium	156-1	447	433	437	439	1.58	cps
Dysprosium	156-2	63	133	83	93	38.64	cps
Erbium	164-1	90	70	67	76	16.70	cps
Erbium	164-2	50	47	50	49	3.93	cps
Gadolinium	160-1	53	47	47	49	7.86	cps
Gadolinium	160-2	307	253	247	269	12.23	cps
Holmium	165-1	11367991	11258817	11086317	11237708	1.26	cps
Holmium	165-2	7764036	7706523	7896047	7788868	1.25	cps
Indium	115-1	9753846	9498162	9553646	9601885	1.40	cps
Indium	115-2	3273117	3299147	3296880	3289715	0.44	cps
Iron	56-2	1030741	1034335	1024667	1029914	0.47	cps
Iron	57-2	27696	27816	26847	27453	1.92	cps
Iron	54-2	59269	58503	58369	58714	0.83	cps
Krypton	83-1	330	293	273	299	9.62	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:29:19	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7859	8183	8082	8041	2.06	cps
Lead	207-1	7099	7419	7139	7219	2.42	cps
Lead	208-1	32295	32675	32462	32478	0.59	cps
Lithium	6-1	1620535	1591458	1648210	1620067	1.75	cps
Magnesium	24-2	274604	271920	276266	274263	0.80	cps
Manganese	55-2	5051	5271	5468	5263	3.96	cps
Molybdenum	94-1	26060	26574	26127	26254	1.07	cps
Molybdenum	95-1	31250	31651	31698	31533	0.78	cps
Molybdenum	96-1	34681	35526	34835	35014	1.29	cps
Molybdenum	97-1	19386	19583	19613	19528	0.63	cps
Molybdenum	98-1	50263	50276	50544	50361	0.31	cps
Neodymium	150-1	10	7	7	8	24.71	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	2640	2407	2414	2487	5.34	cps
Phosphorus	31-2	157	150	113	140	16.66	cps
Potassium	39-2	412151	411546	409881	411193	0.29	cps
Rhodium	103-1	9287902	9254619	9216108	9252876	0.39	cps
Rhodium	103-2	5587854	5644121	5673860	5635278	0.78	cps
Scandium	45-1	6315437	6196402	6228900	6246913	0.98	cps
Scandium	45-2	556762	556521	558254	557179	0.17	cps
Selenium	82-1	1503	1631	1648	1594	4.96	cps
Selenium	77-2	93	137	113	114	18.95	cps
Selenium	78-2	720	747	690	719	3.94	cps
Silicon	28-1	379618	379729	376456	378601	0.49	cps
Silver	107-1	14941	14691	15372	15001	2.30	cps
Silver	109-1	13480	13687	14224	13797	2.78	cps
Sodium	23-2	493602	492037	492741	492793	0.16	cps
Strontium	86-1	5151	5298	5174	5208	1.51	cps
Strontium	88-1	41659	40960	40573	41064	1.34	cps
Sulfur	34-1	279450	279866	277080	278798	0.54	cps
Terbium	159-1	11741821	11526149	11421467	11563145	1.41	cps
Terbium	159-2	7769829	7783442	7751577	7768283	0.21	cps
Thallium	203-1	9513	9247	9907	9556	3.48	cps
Thallium	205-1	22332	22579	21998	22303	1.31	cps
Tin	118-1	2237	2157	2220	2205	1.91	cps
Titanium	47-1	9036	9430	9146	9204	2.21	cps

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On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	PB164088BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD088	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:29:19	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28481	28688	28517	28562	0.39	cps
Vanadium	51-2	24350	24513	25024	24629	1.43	cps
Yttrium	89-1	16645499	16613531	16416309	16558446	0.75	cps
Yttrium	89-2	4151956	4165275	4140170	4152467	0.30	cps
Zinc	66-2	6332	6363	6606	6434	2.33	cps
Zirconium	90-1	22644	22968	23275	22962	1.37	cps
Zirconium	91-1	4677	4974	5114	4922	4.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:42:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18080319	17767853	17865848	17904674	0.89	cps
Antimony	121-1	27393	26651	27543	27196	1.76	cps
Arsenic	75-2	169321	166438	165524	167094	1.19	cps
Barium	135-1	1152112	1166993	1158793	1159299	0.64	cps
Barium	137-1	2054719	2095906	2054560	2068395	1.15	cps
Beryllium	9-1	1925	2010	1905	1947	2.86	cps
Bismuth	209-1	6885026	6884048	6817616	6862230	0.56	cps
Bismuth	209-2	5365354	5479237	5455450	5433347	1.11	cps
Bromine	81-1	13239	13767	13683	13563	2.09	cps
Bromine	81-2	657	670	790	706	10.41	cps
Cadmium	108-1	573	553	480	536	9.18	cps
Cadmium	106-1	4537	4311	4427	4425	2.56	cps
Cadmium	111-1	4555	4450	4650	4552	2.19	cps
Calcium	43-1	557921	567438	557557	560972	1.00	cps
Calcium	44-1	8362222	8519158	8437083	8439488	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1136522	1137735	1137586	1137281	0.06	cps
Cobalt	59-2	919587	910525	905408	911840	0.79	cps
Copper	63-2	1815847	1834852	1836765	1829155	0.63	cps
Dysprosium	156-1	47406	46738	47045	47063	0.71	cps
Dysprosium	156-2	35983	37152	36267	36467	1.67	cps
Erbium	164-1	48082	48698	47848	48210	0.91	cps
Erbium	164-2	33473	32909	32712	33031	1.20	cps
Gadolinium	160-1	46397	45427	45938	45921	1.06	cps
Gadolinium	160-2	33163	33457	33440	33353	0.50	cps
Holmium	165-1	11651573	11561023	11574043	11595546	0.42	cps
Holmium	165-2	8021844	8086410	8008557	8038937	0.52	cps
Indium	115-1	9770043	9888919	9788457	9815806	0.65	cps
Indium	115-2	3284980	3351011	3267885	3301292	1.33	cps
Iron	56-2	930252439	921644440	934623346	928840075	0.71	cps
Iron	57-2	22827189	22731352	23010552	22856364	0.62	cps
Iron	54-2	51006419	51381799	51172531	51186916	0.37	cps
Krypton	83-1	427	487	423	446	8.00	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:42:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	299913	306024	301923	302620	1.03	cps
Lead	207-1	278025	280905	278689	279206	0.54	cps
Lead	208-1	1225538	1244752	1230921	1233737	0.80	cps
Lithium	6-1	1667581	1618200	1638524	1641435	1.51	cps
Magnesium	24-2	18381669	18381343	18112001	18291671	0.85	cps
Manganese	55-2	26802913	26889554	26869448	26853972	0.17	cps
Molybdenum	94-1	53334	55033	53681	54016	1.66	cps
Molybdenum	95-1	11928	11668	11745	11780	1.14	cps
Molybdenum	96-1	29523	29042	28461	29009	1.83	cps
Molybdenum	97-1	6935	6852	6928	6905	0.67	cps
Molybdenum	98-1	17227	17320	17731	17426	1.54	cps
Neodymium	150-1	66466	66238	66992	66565	0.58	cps
Neodymium	150-2	39472	38309	38609	38797	1.56	cps
Nickel	60-2	283043	282566	284625	283411	0.38	cps
Phosphorus	31-2	15708	15508	15371	15529	1.09	cps
Potassium	39-2	1084751	1073676	1079382	1079270	0.51	cps
Rhodium	103-1	9442491	9292428	9392786	9375902	0.82	cps
Rhodium	103-2	5732179	5612259	5670123	5671520	1.06	cps
Scandium	45-1	7349488	7371069	7348689	7356416	0.17	cps
Scandium	45-2	651041	652898	649077	651005	0.29	cps
Selenium	82-1	694	750	777	740	5.68	cps
Selenium	77-2	183	177	180	180	1.85	cps
Selenium	78-2	537	523	553	538	2.79	cps
Silicon	28-1	33116606	33739491	33579800	33478633	0.97	cps
Silver	107-1	2544	2450	2570	2521	2.50	cps
Silver	109-1	2237	2357	2337	2310	2.78	cps
Sodium	23-2	340133	341519	341492	341048	0.23	cps
Strontium	86-1	360581	364278	362444	362434	0.51	cps
Strontium	88-1	3081333	3132882	3149691	3121302	1.14	cps
Sulfur	34-1	241516	243270	241447	242078	0.43	cps
Terbium	159-1	12013224	11923676	12078737	12005213	0.65	cps
Terbium	159-2	7907746	7807082	7892086	7868971	0.69	cps
Thallium	203-1	1577	1627	1717	1640	4.33	cps
Thallium	205-1	4047	3911	3941	3966	1.81	cps
Tin	118-1	33362	33683	34137	33727	1.15	cps
Titanium	47-1	3493191	3471628	3552994	3505938	1.20	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-05	Instrumnet Name :	P7
Client Sample ID :	MYD0Y3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:42:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19030	19294	19017	19114	0.82	cps
Vanadium	51-2	1936628	1930855	1931368	1932950	0.17	cps
Yttrium	89-1	18200318	18099311	18085064	18128231	0.35	cps
Yttrium	89-2	4448799	4423923	4513779	4462167	1.04	cps
Zinc	66-2	225391	223722	223448	224187	0.47	cps
Zirconium	90-1	131116	130429	131633	131059	0.46	cps
Zirconium	91-1	29076	29146	29470	29230	0.72	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:45:39	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21314321	21476117	21332910	21374449	0.41	cps
Antimony	121-1	23039	23630	24521	23730	3.14	cps
Arsenic	75-2	486107	482972	478833	482637	0.76	cps
Barium	135-1	634586	643126	640623	639445	0.69	cps
Barium	137-1	1096159	1124924	1120513	1113865	1.39	cps
Beryllium	9-1	1575	1683	1594	1618	3.57	cps
Bismuth	209-1	6656239	6513323	6789769	6653111	2.08	cps
Bismuth	209-2	5370037	5320005	5322669	5337570	0.53	cps
Bromine	81-1	13189	13873	13483	13515	2.54	cps
Bromine	81-2	680	697	690	689	1.22	cps
Cadmium	108-1	543	543	473	520	7.77	cps
Cadmium	106-1	4271	3997	4264	4177	3.73	cps
Cadmium	111-1	3549	3191	3530	3423	5.88	cps
Calcium	43-1	743422	764289	765300	757670	1.63	cps
Calcium	44-1	11247395	11319623	11566806	11377941	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1342473	1350806	1341984	1345088	0.37	cps
Cobalt	59-2	978813	973324	964171	972103	0.76	cps
Copper	63-2	37092559	36941738	36936942	36990413	0.24	cps
Dysprosium	156-1	31859	32257	32154	32090	0.64	cps
Dysprosium	156-2	24692	24134	23750	24192	1.96	cps
Erbium	164-1	39392	38362	39425	39060	1.55	cps
Erbium	164-2	26625	26582	26388	26532	0.48	cps
Gadolinium	160-1	33620	34459	34065	34048	1.23	cps
Gadolinium	160-2	24408	24071	23440	23973	2.05	cps
Holmium	165-1	11251478	11418184	11309602	11326421	0.75	cps
Holmium	165-2	8087459	7884266	7868882	7946869	1.54	cps
Indium	115-1	9591629	9671717	9670432	9644593	0.48	cps
Indium	115-2	3263719	3317053	3283102	3287958	0.82	cps
Iron	56-2	884149000	884501053	882745027	883798360	0.11	cps
Iron	57-2	21624742	21682184	21691476	21666134	0.17	cps
Iron	54-2	48872048	48902031	48684291	48819456	0.24	cps
Krypton	83-1	373	407	393	391	4.29	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:45:39	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	81818	83096	81949	82287	0.85	cps
Lead	207-1	76239	77241	77523	77001	0.88	cps
Lead	208-1	336605	340264	342513	339794	0.88	cps
Lithium	6-1	1628699	1584033	1611086	1607939	1.40	cps
Magnesium	24-2	22616204	22594121	22569681	22593335	0.10	cps
Manganese	55-2	22018214	21746330	21639260	21801268	0.90	cps
Molybdenum	94-1	37321	38297	39095	38238	2.32	cps
Molybdenum	95-1	7969	8139	8326	8145	2.19	cps
Molybdenum	96-1	22598	22648	23462	22903	2.12	cps
Molybdenum	97-1	4624	4721	4854	4733	2.44	cps
Molybdenum	98-1	11818	11928	11882	11876	0.46	cps
Neodymium	150-1	41050	40441	41314	40935	1.09	cps
Neodymium	150-2	23406	23199	22872	23159	1.16	cps
Nickel	60-2	346089	345311	343843	345081	0.33	cps
Phosphorus	31-2	13559	13966	13559	13695	1.72	cps
Potassium	39-2	548454	548794	546708	547985	0.20	cps
Rhodium	103-1	9069502	9330150	9258619	9219424	1.46	cps
Rhodium	103-2	5574678	5615119	5589819	5593206	0.37	cps
Scandium	45-1	7485298	7424309	7525560	7478389	0.68	cps
Scandium	45-2	670996	670234	664924	668718	0.49	cps
Selenium	82-1	750	681	715	716	4.83	cps
Selenium	77-2	133	110	157	133	17.50	cps
Selenium	78-2	527	500	457	494	7.14	cps
Silicon	28-1	37583799	37580309	37547313	37570474	0.05	cps
Silver	107-1	32069	32373	33011	32484	1.48	cps
Silver	109-1	29891	30338	31357	30529	2.46	cps
Sodium	23-2	463092	460010	464177	462426	0.47	cps
Strontium	86-1	380601	390763	393390	388252	1.74	cps
Strontium	88-1	3293738	3301689	3362314	3319247	1.13	cps
Sulfur	34-1	241655	240964	241262	241293	0.14	cps
Terbium	159-1	11587569	12189033	12007760	11928121	2.59	cps
Terbium	159-2	7788437	7815757	7860446	7821547	0.46	cps
Thallium	203-1	980	1040	1147	1056	8.00	cps
Thallium	205-1	2250	2480	2890	2540	12.76	cps
Tin	118-1	20244	20855	20582	20560	1.49	cps
Titanium	47-1	4589284	4531521	4627524	4582776	1.05	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:45:39	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13724	14011	13474	13736	1.96	cps
Vanadium	51-2	2157771	2139456	2175031	2157419	0.82	cps
Yttrium	89-1	17648382	17627939	18260522	17845614	2.01	cps
Yttrium	89-2	4489913	4400986	4417875	4436258	1.06	cps
Zinc	66-2	587006	582718	582226	583983	0.45	cps
Zirconium	90-1	89474	91080	90926	90493	0.98	cps
Zirconium	91-1	20431	21319	21666	21139	3.01	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4301-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAC1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:48:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20544101	20536229	20628096	20569476	0.25	cps
Antimony	121-1	25900	26120	26515	26178	1.19	cps
Arsenic	75-2	138509	137651	137607	137923	0.37	cps
Barium	135-1	647890	650534	649360	649262	0.20	cps
Barium	137-1	1107050	1116207	1109886	1111048	0.42	cps
Beryllium	9-1	2087	2250	2183	2173	3.78	cps
Bismuth	209-1	6803110	6821071	6685335	6769838	1.09	cps
Bismuth	209-2	5352264	5368060	5402670	5374331	0.48	cps
Bromine	81-1	13136	13470	13283	13296	1.26	cps
Bromine	81-2	767	863	757	796	7.41	cps
Cadmium	108-1	1227	1203	1217	1216	0.96	cps
Cadmium	106-1	5501	5311	5394	5402	1.76	cps
Cadmium	111-1	13169	12909	13048	13042	1.00	cps
Calcium	43-1	479707	481679	487530	482972	0.84	cps
Calcium	44-1	7191862	7342287	7313825	7282658	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1246822	1245062	1249756	1247214	0.19	cps
Cobalt	59-2	1151492	1138393	1142189	1144025	0.59	cps
Copper	63-2	3616752	3670975	3660434	3649387	0.79	cps
Dysprosium	156-1	46761	46918	47212	46964	0.49	cps
Dysprosium	156-2	36775	35749	36136	36220	1.43	cps
Erbium	164-1	52773	52769	52421	52654	0.38	cps
Erbium	164-2	35438	35375	35178	35330	0.38	cps
Gadolinium	160-1	48420	49320	48410	48717	1.07	cps
Gadolinium	160-2	34683	34950	34790	34808	0.39	cps
Holmium	165-1	11563521	11558354	11299212	11473696	1.32	cps
Holmium	165-2	7816364	7929503	7858588	7868151	0.73	cps
Indium	115-1	9721049	9698855	9690291	9703398	0.16	cps
Indium	115-2	3270637	3296813	3295215	3287555	0.45	cps
Iron	56-2	746591829	747825509	743261882	745893073	0.32	cps
Iron	57-2	18414723	18508567	18556057	18493115	0.39	cps
Iron	54-2	41319846	41303007	41162499	41261784	0.21	cps
Krypton	83-1	540	407	453	467	14.50	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4301-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAC1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:48:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1128953	1144204	1146775	1139977	0.85	cps
Lead	207-1	1005755	1013209	1001444	1006803	0.59	cps
Lead	208-1	4768831	4851551	4771019	4797134	0.98	cps
Lithium	6-1	1591147	1607293	1571572	1590004	1.13	cps
Magnesium	24-2	21334853	21241561	21324675	21300363	0.24	cps
Manganese	55-2	13000448	12953057	12956431	12969979	0.20	cps
Molybdenum	94-1	76606	78023	78918	77849	1.50	cps
Molybdenum	95-1	8146	8459	8169	8258	2.11	cps
Molybdenum	96-1	27726	28271	28849	28282	1.98	cps
Molybdenum	97-1	4908	5101	5004	5004	1.93	cps
Molybdenum	98-1	12639	12929	12999	12856	1.49	cps
Neodymium	150-1	64507	65689	65250	65148	0.92	cps
Neodymium	150-2	37292	37009	36608	36969	0.93	cps
Nickel	60-2	352500	350672	351765	351646	0.26	cps
Phosphorus	31-2	29772	29689	29328	29596	0.80	cps
Potassium	39-2	4299253	4254727	4280263	4278081	0.52	cps
Rhodium	103-1	9314184	9228652	9255514	9266117	0.47	cps
Rhodium	103-2	5517815	5505340	5631173	5551443	1.25	cps
Scandium	45-1	7178517	7215963	7182161	7192214	0.29	cps
Scandium	45-2	643531	645078	646166	644925	0.21	cps
Selenium	82-1	746	874	843	821	8.08	cps
Selenium	77-2	197	253	143	198	27.81	cps
Selenium	78-2	550	537	597	561	5.62	cps
Silicon	28-1	40216070	40633830	40738363	40529421	0.68	cps
Silver	107-1	43562	45076	44391	44343	1.71	cps
Silver	109-1	41168	41877	41426	41490	0.86	cps
Sodium	23-2	255636	258867	259706	258070	0.83	cps
Strontium	86-1	270712	271194	276183	272696	1.11	cps
Strontium	88-1	2325132	2324042	2394799	2347991	1.73	cps
Sulfur	34-1	259345	260094	258046	259162	0.40	cps
Terbium	159-1	11939355	11822750	11803222	11855109	0.62	cps
Terbium	159-2	7829558	7849331	7744067	7807652	0.72	cps
Thallium	203-1	2690	2950	2854	2831	4.64	cps
Thallium	205-1	6555	6798	7232	6862	5.00	cps
Tin	118-1	31241	32229	31979	31816	1.62	cps
Titanium	47-1	4044355	4094056	4070495	4069635	0.61	cps

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Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4301-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAC1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:48:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22002	21985	21928	21972	0.17	cps
Vanadium	51-2	1781739	1744416	1761003	1762386	1.06	cps
Yttrium	89-1	18430063	18161015	18097567	18229548	0.97	cps
Yttrium	89-2	4411500	4392851	4468085	4424145	0.89	cps
Zinc	66-2	417368	413641	415188	415399	0.45	cps
Zirconium	90-1	198679	203192	202770	201547	1.24	cps
Zirconium	91-1	44377	45046	45256	44893	1.02	cps

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On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4302-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAE1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:53:31	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12743179	12783066	12793689	12773312	0.21	cps
Antimony	121-1	16553	17023	17464	17013	2.68	cps
Arsenic	75-2	86802	87057	87056	86972	0.17	cps
Barium	135-1	1130300	1159245	1156229	1148592	1.39	cps
Barium	137-1	2034778	2043281	2053805	2043954	0.47	cps
Beryllium	9-1	3524	3686	3542	3584	2.47	cps
Bismuth	209-1	6719654	6726293	6666895	6704281	0.49	cps
Bismuth	209-2	5345312	5372389	5368497	5362066	0.27	cps
Bromine	81-1	13416	13736	14020	13724	2.20	cps
Bromine	81-2	937	980	953	957	2.28	cps
Cadmium	108-1	343	397	357	366	7.59	cps
Cadmium	106-1	3951	3767	4071	3929	3.89	cps
Cadmium	111-1	5825	5600	5897	5774	2.69	cps
Calcium	43-1	540364	553061	558343	550589	1.68	cps
Calcium	44-1	8149255	8227182	8396681	8257706	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	311581	311839	313820	312414	0.39	cps
Cobalt	59-2	370514	366177	366407	367699	0.66	cps
Copper	63-2	651428	648257	650519	650068	0.25	cps
Dysprosium	156-1	100409	101037	102501	101316	1.06	cps
Dysprosium	156-2	82008	82517	81444	81990	0.65	cps
Erbium	164-1	83655	87264	86291	85737	2.18	cps
Erbium	164-2	58713	58418	58572	58568	0.25	cps
Gadolinium	160-1	95231	97265	97557	96684	1.31	cps
Gadolinium	160-2	70533	69719	69595	69949	0.73	cps
Holmium	165-1	11411264	11479719	11266709	11385898	0.96	cps
Holmium	165-2	7858321	7894751	7878585	7877219	0.23	cps
Indium	115-1	9788304	9843377	9626388	9752690	1.16	cps
Indium	115-2	3362504	3260217	3302060	3308260	1.55	cps
Iron	56-2	495429019	489777459	489923713	491710064	0.66	cps
Iron	57-2	12233389	12133518	11969996	12112301	1.10	cps
Iron	54-2	27072642	26817111	26731006	26873587	0.66	cps
Krypton	83-1	490	443	493	476	5.88	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4302-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAE1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:53:31	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	605746	616787	614437	612323	0.95	cps
Lead	207-1	557672	560460	567960	562031	0.95	cps
Lead	208-1	2477453	2512873	2516122	2502149	0.86	cps
Lithium	6-1	1575354	1516867	1523177	1538466	2.09	cps
Magnesium	24-2	7715785	7638657	7595987	7650143	0.79	cps
Manganese	55-2	7714479	7551197	7580077	7615251	1.14	cps
Molybdenum	94-1	77762	80831	80999	79864	2.28	cps
Molybdenum	95-1	9116	9206	9603	9309	2.78	cps
Molybdenum	96-1	26731	27463	27406	27200	1.50	cps
Molybdenum	97-1	5838	5594	5785	5739	2.23	cps
Molybdenum	98-1	14207	14581	15245	14677	3.58	cps
Neodymium	150-1	175943	175272	179647	176954	1.33	cps
Neodymium	150-2	101392	100841	101902	101378	0.52	cps
Nickel	60-2	95807	96685	96277	96256	0.46	cps
Phosphorus	31-2	45059	44294	44147	44500	1.10	cps
Potassium	39-2	5779793	5692184	5709460	5727146	0.81	cps
Rhodium	103-1	9335484	9327782	9431034	9364766	0.61	cps
Rhodium	103-2	5645437	5605978	5671649	5641022	0.59	cps
Scandium	45-1	6905258	6718297	6851907	6825154	1.41	cps
Scandium	45-2	620573	620244	618647	619821	0.17	cps
Selenium	82-1	790	820	766	792	3.40	cps
Selenium	77-2	443	440	423	436	2.46	cps
Selenium	78-2	750	690	603	681	10.83	cps
Silicon	28-1	41878847	41512073	41735444	41708788	0.44	cps
Silver	107-1	37525	39226	38986	38579	2.39	cps
Silver	109-1	35687	35834	36182	35901	0.71	cps
Sodium	23-2	287675	288679	289775	288710	0.36	cps
Strontium	86-1	342770	352671	353701	349714	1.73	cps
Strontium	88-1	3030890	3042448	2992375	3021904	0.87	cps
Sulfur	34-1	255444	252045	248918	252136	1.29	cps
Terbium	159-1	11858220	11923639	12081554	11954471	0.96	cps
Terbium	159-2	7793337	7860747	7879674	7844586	0.58	cps
Thallium	203-1	3597	3721	3594	3637	1.99	cps
Thallium	205-1	8383	8503	8953	8613	3.49	cps
Tin	118-1	29527	30917	30075	30173	2.32	cps
Titanium	47-1	2845572	2907543	2943515	2898877	1.71	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	P4302-09A	Instrumnet Name :	P7
Client Sample ID :	MYDAE1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 16:53:31	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37402	38345	37630	37792	1.30	cps
Vanadium	51-2	976947	977670	977783	977467	0.05	cps
Yttrium	89-1	18541829	18720043	18565484	18609119	0.52	cps
Yttrium	89-2	4563468	4537287	4637185	4579313	1.13	cps
Zinc	66-2	341808	342671	341615	342031	0.16	cps
Zirconium	90-1	202961	209276	231555	214597	7.00	cps
Zirconium	91-1	44109	46376	46640	45709	3.04	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:03:59	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14179674	14066999	14092424	14113032	0.42	cps
Antimony	121-1	5757495	5932113	5787606	5825738	1.60	cps
Arsenic	75-2	314527	316706	314438	315224	0.41	cps
Barium	135-1	7209168	7454957	7332726	7332284	1.68	cps
Barium	137-1	12392839	12670025	12717727	12593530	1.39	cps
Beryllium	9-1	1035182	1058605	1061209	1051665	1.36	cps
Bismuth	209-1	6392634	6445268	6398899	6412267	0.45	cps
Bismuth	209-2	5040770	5078877	5111198	5076949	0.69	cps
Bromine	81-1	11488	11394	10931	11271	2.65	cps
Bromine	81-2	113	93	127	111	15.10	cps
Cadmium	108-1	109227	110292	109456	109658	0.51	cps
Cadmium	106-1	157258	160755	160620	159544	1.24	cps
Cadmium	111-1	1465066	1495829	1491014	1483969	1.12	cps
Calcium	43-1	8802812	8911754	8921507	8878691	0.74	cps
Calcium	44-1	138477221	143819038	143564661	141953640	2.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2634890	2599623	2606994	2613836	0.71	cps
Cobalt	59-2	4203488	4110627	4182227	4165447	1.17	cps
Copper	63-2	28915162	28721323	28832990	28823158	0.34	cps
Dysprosium	156-1	747	660	767	724	7.83	cps
Dysprosium	156-2	497	510	453	487	6.09	cps
Erbium	164-1	227	347	310	294	20.88	cps
Erbium	164-2	200	173	187	187	7.14	cps
Gadolinium	160-1	243	250	280	258	7.58	cps
Gadolinium	160-2	397	390	403	397	1.68	cps
Holmium	165-1	11372452	11356306	11624389	11451049	1.31	cps
Holmium	165-2	7853155	7796786	7843681	7831207	0.39	cps
Indium	115-1	9219758	9261846	9177531	9219712	0.46	cps
Indium	115-2	3085622	3101412	3087434	3091489	0.28	cps
Iron	56-2	548105525	549084605	551355192	549515107	0.30	cps
Iron	57-2	13584191	13683694	13739939	13669274	0.58	cps
Iron	54-2	30273275	30266124	30441196	30326865	0.33	cps
Krypton	83-1	317	323	383	341	10.76	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:03:59	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18824728	19436148	19465185	19242020	1.88	cps
Lead	207-1	16644092	17168142	17248904	17020379	1.93	cps
Lead	208-1	76257808	78089971	78255747	77534509	1.43	cps
Lithium	6-1	1570147	1584901	1571230	1575426	0.52	cps
Magnesium	24-2	117772948	118048768	117688118	117836612	0.16	cps
Manganese	55-2	18774839	18613785	18793674	18727433	0.53	cps
Molybdenum	94-1	22562510	22825212	22972438	22786720	0.91	cps
Molybdenum	95-1	33223153	33522680	33851251	33532361	0.94	cps
Molybdenum	96-1	35747322	36329013	36713461	36263265	1.34	cps
Molybdenum	97-1	20255050	20909905	20899451	20688135	1.81	cps
Molybdenum	98-1	52449456	53492176	53208689	53050107	1.02	cps
Neodymium	150-1	343	387	403	378	8.20	cps
Neodymium	150-2	127	127	140	131	5.87	cps
Nickel	60-2	1052677	1048177	1036391	1045748	0.80	cps
Phosphorus	31-2	158500	158810	158420	158577	0.13	cps
Potassium	39-2	77323652	77108059	78138154	77523288	0.70	cps
Rhodium	103-1	8557416	8738427	8673143	8656329	1.06	cps
Rhodium	103-2	5187723	5263517	5201215	5217485	0.77	cps
Scandium	45-1	6279169	6374464	6260558	6304730	0.97	cps
Scandium	45-2	568379	565528	566932	566946	0.25	cps
Selenium	82-1	93936	95225	96343	95168	1.27	cps
Selenium	77-2	9203	9050	9200	9151	0.96	cps
Selenium	78-2	30435	30057	30729	30407	1.11	cps
Silicon	28-1	15815165	16101376	16195686	16037409	1.24	cps
Silver	107-1	7469440	7484769	7352367	7435525	0.97	cps
Silver	109-1	6958441	7005417	6975572	6979810	0.34	cps
Sodium	23-2	200704610	200666510	202088684	201153268	0.40	cps
Strontium	86-1	49133154	49592336	49667036	49464175	0.58	cps
Strontium	88-1	422813140	430747407	432939980	428833509	1.24	cps
Sulfur	34-1	814708	816584	814899	815397	0.13	cps
Terbium	159-1	11784952	11602665	11781046	11722888	0.89	cps
Terbium	159-2	7764590	7796905	7778015	7779837	0.21	cps
Thallium	203-1	4825001	4911125	4985463	4907197	1.64	cps
Thallium	205-1	11464480	11648025	11726900	11613135	1.16	cps
Tin	118-1	4646093	4801942	4763066	4737033	1.71	cps
Titanium	47-1	9267671	9475006	9365331	9369336	1.11	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCV020	Instrumnet Name :	P7
Client Sample ID :	CCV020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:03:59	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15231546	15838941	16017702	15696063	2.63	cps
Vanadium	51-2	2341170	2354034	2362034	2352413	0.45	cps
Yttrium	89-1	16991411	16835417	16813687	16880172	0.57	cps
Yttrium	89-2	4132084	4188098	4105218	4141800	1.02	cps
Zinc	66-2	4483374	4596115	4567493	4548994	1.29	cps
Zirconium	90-1	10509357	10632349	10598551	10580086	0.60	cps
Zirconium	91-1	2320572	2329652	2363707	2337977	0.97	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:08:20	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2427	2500	2394	2440	2.24	cps
Antimony	121-1	2724	2827	3324	2958	10.85	cps
Arsenic	75-2	23	53	23	33	51.97	cps
Barium	135-1	663	633	630	642	2.86	cps
Barium	137-1	1213	1307	1077	1199	9.65	cps
Beryllium	9-1	116	146	141	134	11.95	cps
Bismuth	209-1	6909854	6843360	6782943	6845386	0.93	cps
Bismuth	209-2	5425335	5453535	5505690	5461520	0.75	cps
Bromine	81-1	10110	10577	10200	10296	2.41	cps
Bromine	81-2	147	127	73	116	32.81	cps
Cadmium	108-1	20	40	20	27	43.30	cps
Cadmium	106-1	3227	3174	3220	3207	0.91	cps
Cadmium	111-1	2422	2394	2434	2416	0.85	cps
Calcium	43-1	1967	1933	1730	1877	6.83	cps
Calcium	44-1	47034	47030	46248	46771	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1207	1093	1087	1129	5.97	cps
Cobalt	59-2	450	403	437	430	5.59	cps
Copper	63-2	3564	3607	3357	3509	3.81	cps
Dysprosium	156-1	433	353	510	432	18.13	cps
Dysprosium	156-2	47	100	107	84	38.94	cps
Erbium	164-1	57	103	70	77	31.35	cps
Erbium	164-2	47	43	97	62	48.02	cps
Gadolinium	160-1	40	63	67	57	25.64	cps
Gadolinium	160-2	283	267	260	270	4.45	cps
Holmium	165-1	11220901	11183785	11067825	11157504	0.72	cps
Holmium	165-2	7836456	7685401	7799188	7773682	1.01	cps
Indium	115-1	9528812	9672861	9599801	9600491	0.75	cps
Indium	115-2	3351166	3309210	3313041	3324472	0.70	cps
Iron	56-2	77039	72554	72356	73983	3.58	cps
Iron	57-2	3550	3597	3447	3532	2.17	cps
Iron	54-2	5544	5244	5014	5268	5.05	cps
Krypton	83-1	300	247	323	290	13.55	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:08:20	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2247	2394	2050	2230	7.73	cps
Lead	207-1	2137	2047	1730	1971	10.84	cps
Lead	208-1	9251	9188	8394	8945	5.34	cps
Lithium	6-1	1599429	1644653	1607068	1617050	1.50	cps
Magnesium	24-2	9850	9139	8349	9113	8.24	cps
Manganese	55-2	2630	2407	2464	2500	4.64	cps
Molybdenum	94-1	2587	2547	2607	2580	1.18	cps
Molybdenum	95-1	3284	3210	3107	3200	2.77	cps
Molybdenum	96-1	3554	3617	3354	3508	3.92	cps
Molybdenum	97-1	1943	1883	1747	1858	5.43	cps
Molybdenum	98-1	5131	4814	4564	4836	5.87	cps
Neodymium	150-1	0	23	17	13	90.13	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	260	270	250	260	3.85	cps
Phosphorus	31-2	183	143	143	157	14.74	cps
Potassium	39-2	91114	90440	90075	90543	0.58	cps
Rhodium	103-1	9467615	9372925	9367521	9402687	0.60	cps
Rhodium	103-2	5730232	5626418	5625980	5660877	1.06	cps
Scandium	45-1	6318002	6311373	6364921	6331432	0.46	cps
Scandium	45-2	563486	561940	559212	561546	0.39	cps
Selenium	82-1	502	550	509	520	4.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	397	373	413	394	5.09	cps
Silicon	28-1	330467	324257	325144	326623	1.03	cps
Silver	107-1	1000	927	860	929	7.54	cps
Silver	109-1	803	720	570	698	16.95	cps
Sodium	23-2	79815	78264	78073	78717	1.21	cps
Strontium	86-1	4334	4227	4044	4202	3.49	cps
Strontium	88-1	33254	31784	29774	31604	5.53	cps
Sulfur	34-1	272245	268439	270797	270494	0.71	cps
Terbium	159-1	11716209	11490040	11666957	11624402	1.02	cps
Terbium	159-2	7662668	7654782	7721271	7679574	0.47	cps
Thallium	203-1	887	920	797	868	7.35	cps
Thallium	205-1	2017	1997	1813	1942	5.77	cps
Tin	118-1	3027	3310	3597	3312	8.61	cps
Titanium	47-1	1090	1067	920	1026	8.99	cps

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

LB Number :	LB133137	Operator :	Jaswal
Lab Sample ID :	CCB020	Instrumnet Name :	P7
Client Sample ID :	CCB020	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 17:08:20	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1177	1143	860	1060	16.42	cps
Vanadium	51-2	240	170	147	186	26.18	cps
Yttrium	89-1	16539504	16806677	16700877	16682353	0.81	cps
Yttrium	89-2	4180892	4139730	4157564	4159395	0.50	cps
Zinc	66-2	2198	2114	2201	2171	2.26	cps
Zirconium	90-1	2394	2450	2497	2447	2.12	cps
Zirconium	91-1	533	507	530	523	2.78	cps

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : P4296

Test : Metals CLP MS FULL

Prepbatch ID : PB164088,

Sequence ID/Qc Batch ID: LB133117,LB133137,

Standard ID :
MP81119,MP82127,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82583,MP82585,MP82586,MP82587,MP82908,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5473,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5697,M5698,M5739,M5751,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6037,M6040,M6055,M6083,W2606,W3112,

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	04/24/2025	Al-Terek Isaac	METALS_SCALE_2 (M SC-2)	METALS_PIPETTE_1 (ICP A)	Sarabjit Jaswal 06/21/2024

FROM 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP82127	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1250.00000ml of M6040 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP82568	09/28/2024	10/26/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 25.00000ml of M6040 + 4925.00000ml of W3112 + 50.00000ml of M6037 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP82569	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5768 + 5.00000ml of M5806 + 79.00000ml of MP82568 = Final Quantity: 100.000 ml

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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	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M5976 + 10.00000ml of M5978 + 10.00000ml of M6037 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6040 + 50.00000ml of M5304 + 829.10000ml of W3112 + 9.00000ml of M5697 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.90000ml of M5498 + 9.90000ml of M5768 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP82571	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 25.00000ml of MP82570 = Final Quantity: 100.000 ml

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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	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 73.50000ml of W3112 + 25.00000ml of MP82570 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP82573	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 12.50000ml of MP82570 = Final Quantity: 100.000 ml

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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	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82571 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP82575	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6040 + 226.25000ml of W3112 + 5.00000ml of M6037 = Final Quantity: 250.000 ml

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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	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_2 (ICP B)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 98.00000ml of W3112 + 0.50000ml of MP82575 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP82577	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82576 = Final Quantity: 100.000 ml

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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	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP82579	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5473 + 10.00000ml of M6037 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5697 + 4.50000ml of M5698 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6040 + 824.35000ml of W3112 = Final Quantity: 1000.000 ml

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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	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP82581	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP82583	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5982 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5697 + 0.50000ml of M5802 + 1.25000ml of M5192 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5769 + 12.50000ml of M5806 + 158.75000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6040 + 5.00000ml of M5515 + 5.00000ml of M6037 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP82585	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.01000ml of M5768 + 9.99000ml of MP82568 = Final Quantity: 100.000 ml

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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	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP82585 + 96.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP82587	09/28/2024	10/26/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 5.00000ml of M6037 + 75.00000ml of M5739 + 170.00000ml of MP82568 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1060	AG 1.0PPM	MP82908	10/24/2024	10/26/2024	Sarabjit Jaswal	None	None	Mohan Bera 10/25/2024

FROM 0.01000ml of M6030 + 9.99000ml of MP82568 = Final Quantity: 10.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	02/20/2020 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

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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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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 / jaswal	08/03/2022 / Al-Terek	M5634

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2023 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

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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.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	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

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

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

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

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

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/08/2025	08/09/2024 / jaswal	08/01/2024 / Janvi	M6040

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	03/25/2029	10/06/2024 / Janvi	09/02/2024 / Janvi	M6083

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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Certified Reference Material CRM

M6028

R 8/5/24

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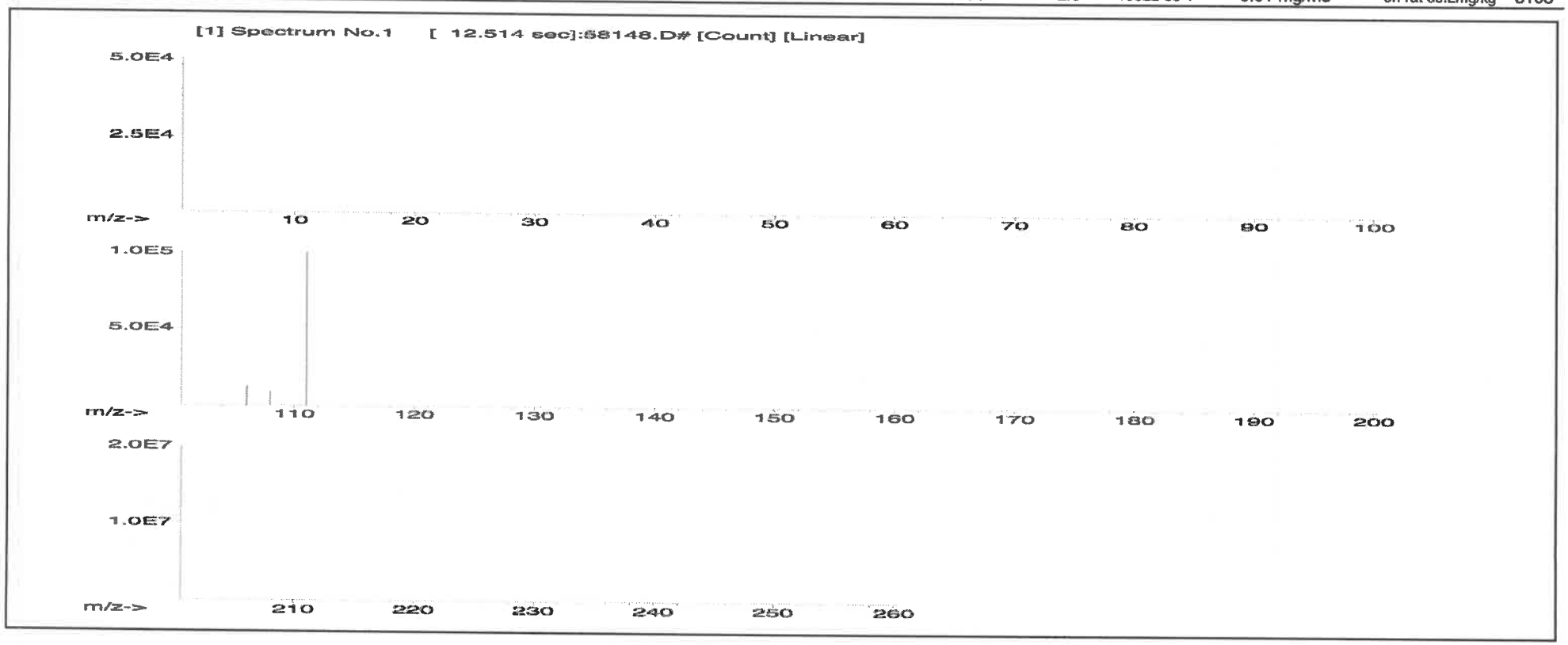
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady		
Formulated By:	Aleah O'Brady	070124
Pedro Rentas		
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24

CERTIFIED WEIGHT REPORT:

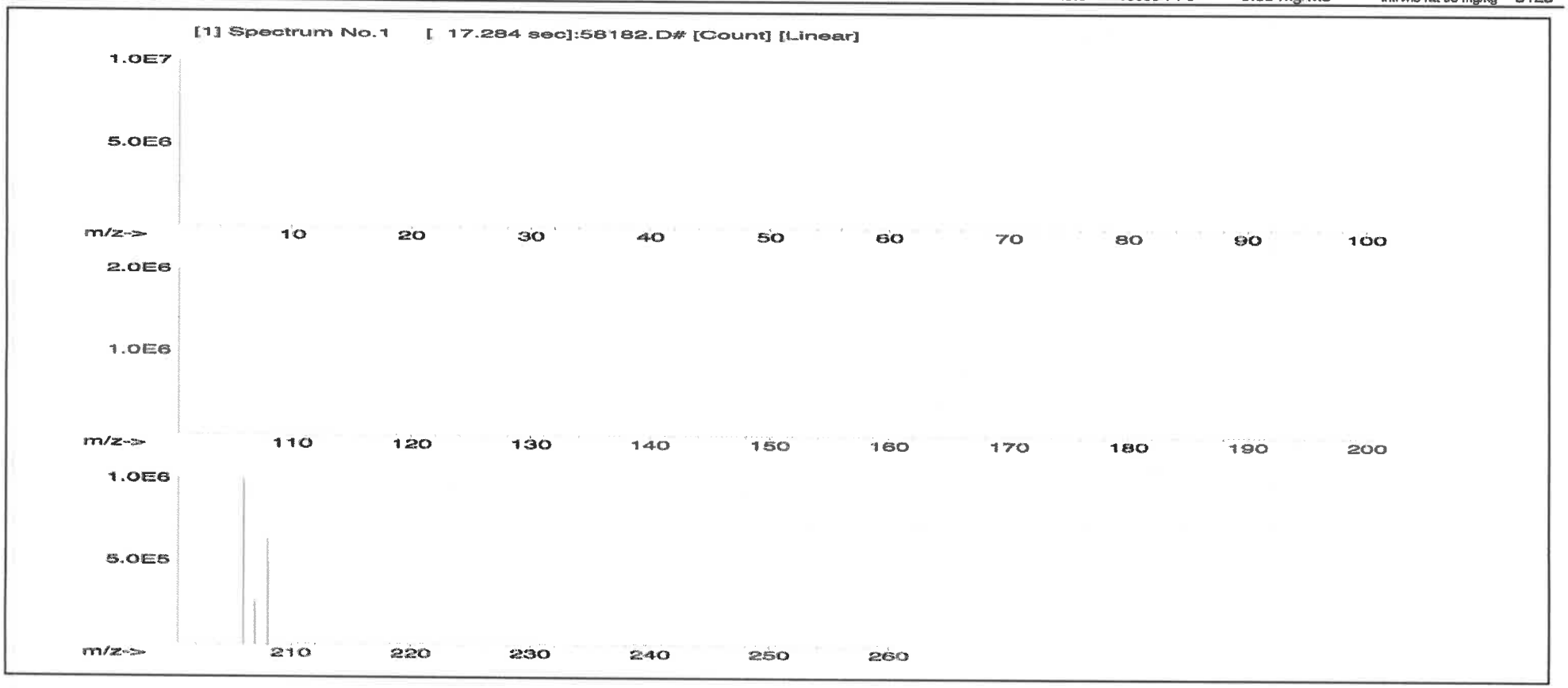
Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

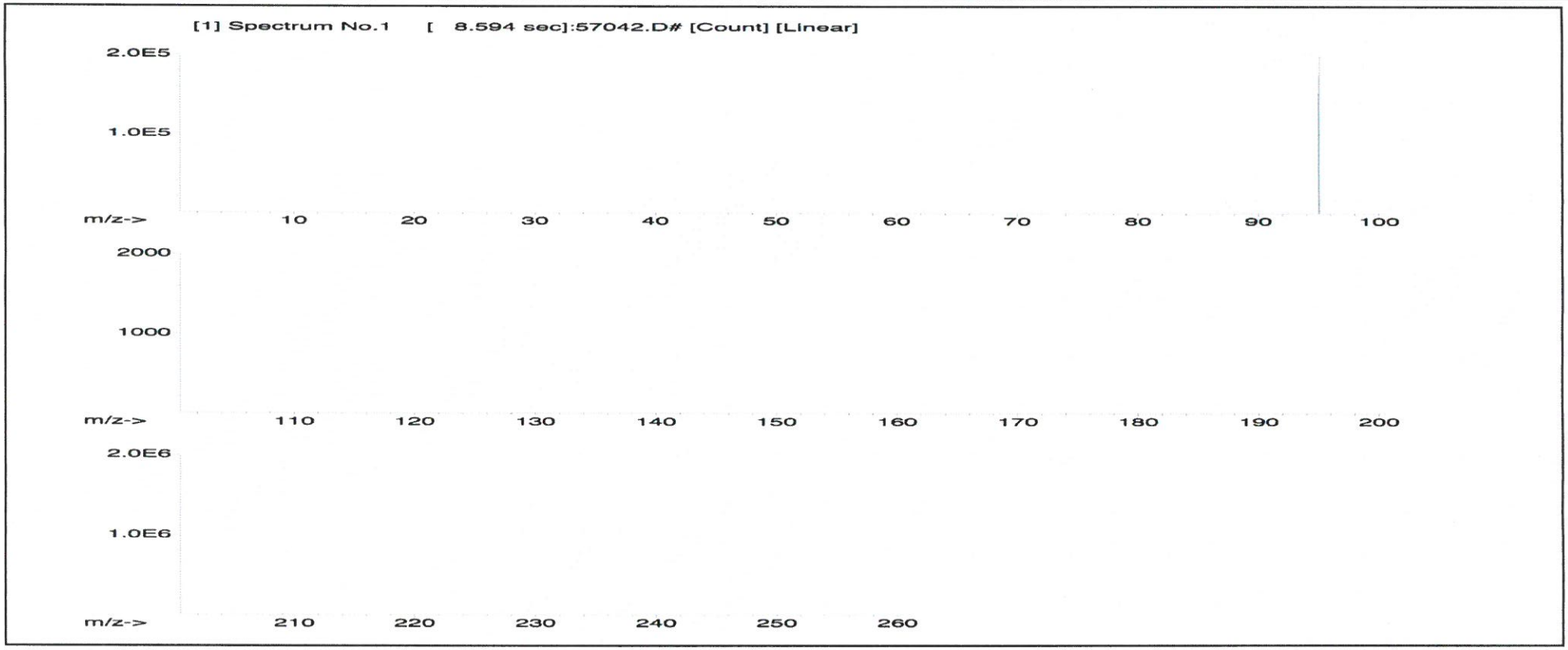
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)
Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Volume shown below was diluted to (mL): 3000.41

Lot #	Solvent:		
MKBQ8597V	Ammonium hydroxide		
0.5%	15.0 (mL)	Ammonium hydroxide	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By: Lawrence Barry 051722

Reviewed By: Pedro L. Rentas 051722

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1.	Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

V15200 R: 04/24/22 (BP)

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CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

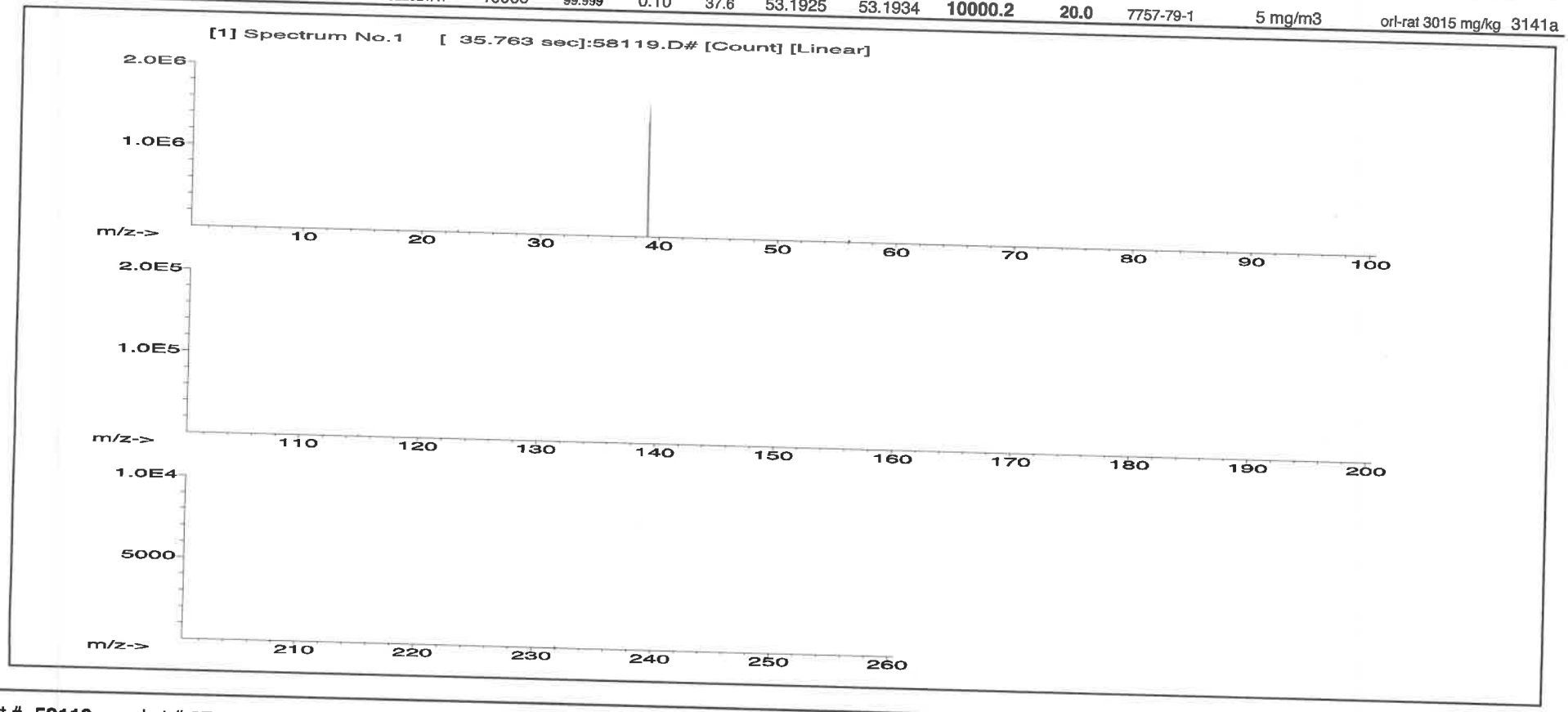
Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071122
Reviewed By:	Pedro L. Rentas	071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5289 R: 07/12/22 BH

Certified Reference Material CRM

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CERTIFIED WEIGHT REPORT:

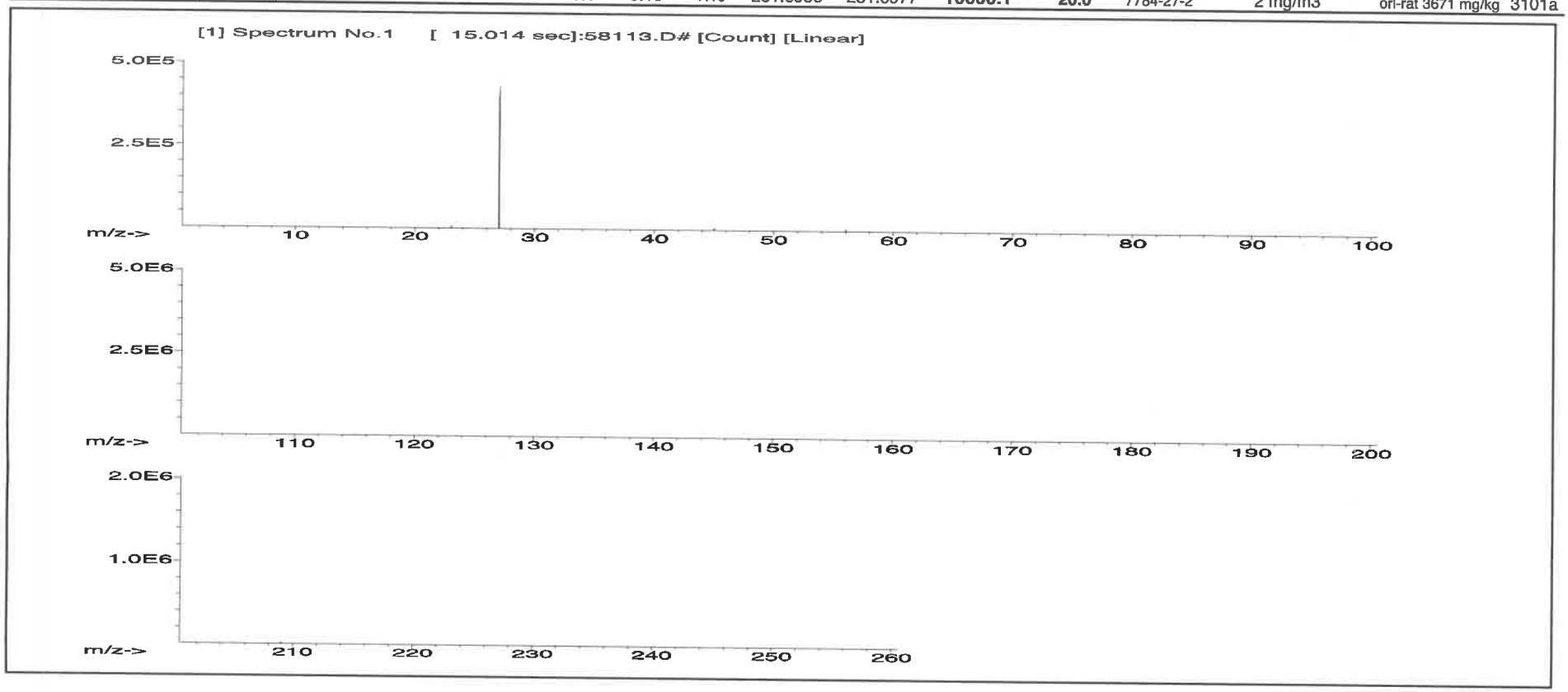
Part Number: 58113
Lot Number: 070622
Description: Aluminum (Al)

Expiration Date: 070625
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	20370011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	S2-MEB711244
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea:

Silver,	Aluminum,
Arsenic,	Barium,
Beryllium,	Calcium,
Cadmium,	Cobalt,
Chromium,	Copper,
Iron,	Potassium,
Magnesium,	Manganese,
Sodium,	Nickel,
Lead,	Antimony,
Selenium,	Thallium,
Vanadium,	Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**20.01 ± 0.08 µg/mL**	**Antimony, Sb**	**20.01 ± 0.12 µg/mL**
Arsenic, As	**20.01 ± 0.18 µg/mL**	**Barium, Ba**	**20.01 ± 0.11 µg/mL**
Beryllium, Be	**20.01 ± 0.14 µg/mL**	**Cadmium, Cd**	**20.01 ± 0.11 µg/mL**
Calcium, Ca	**20.01 ± 0.10 µg/mL**	**Chromium, Cr**	**20.01 ± 0.16 µg/mL**
Cobalt, Co	**20.01 ± 0.11 µg/mL**	**Copper, Cu**	**20.01 ± 0.10 µg/mL**
Iron, Fe	**20.01 ± 0.09 µg/mL**	**Lead, Pb**	**20.01 ± 0.11 µg/mL**
Magnesium, Mg	**19.99 ± 0.10 µg/mL**	**Manganese, Mn**	**20.01 ± 0.10 µg/mL**
Nickel, Ni	**20.01 ± 0.11 µg/mL**	**Potassium, K**	**20.01 ± 0.10 µg/mL**
Selenium, Se	**20.02 ± 0.14 µg/mL**	**Silver, Ag**	**20.02 ± 0.09 µg/mL**
Sodium, Na	**20.01 ± 0.10 µg/mL**	**Thallium, Tl**	**20.01 ± 0.13 µg/mL**
Vanadium, V	**20.01 ± 0.11 µg/mL**	**Zinc, Zn**	**20.01 ± 0.11 µg/mL**

Density: 1.026 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Fe	Calculated		See Sec. 4.2
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2
V	ICP Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

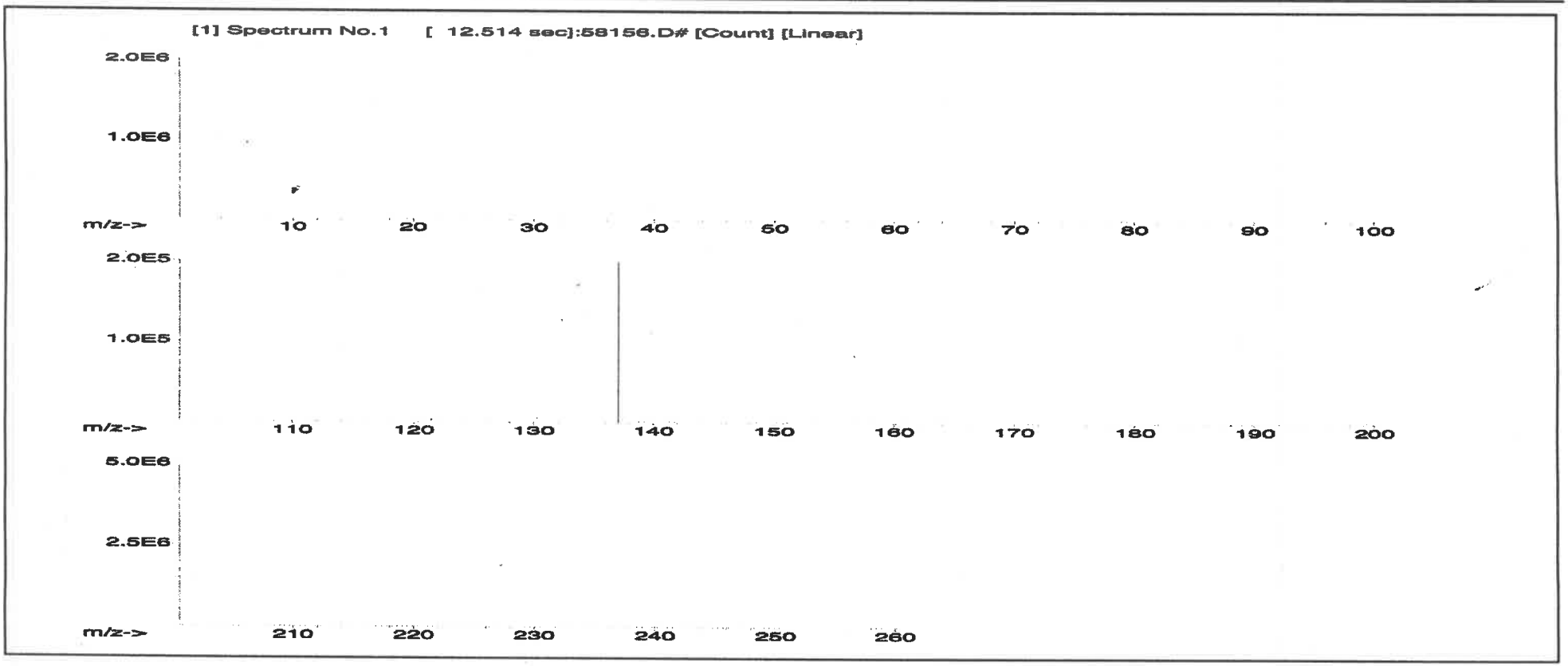
CERTIFIED WEIGHT REPORT:

Part Number:	**57056**		**Lot #**		
Lot Number:	**072122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	072125				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	2.0	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

IN5497 - IN5498 R: 03/17/23 BH

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

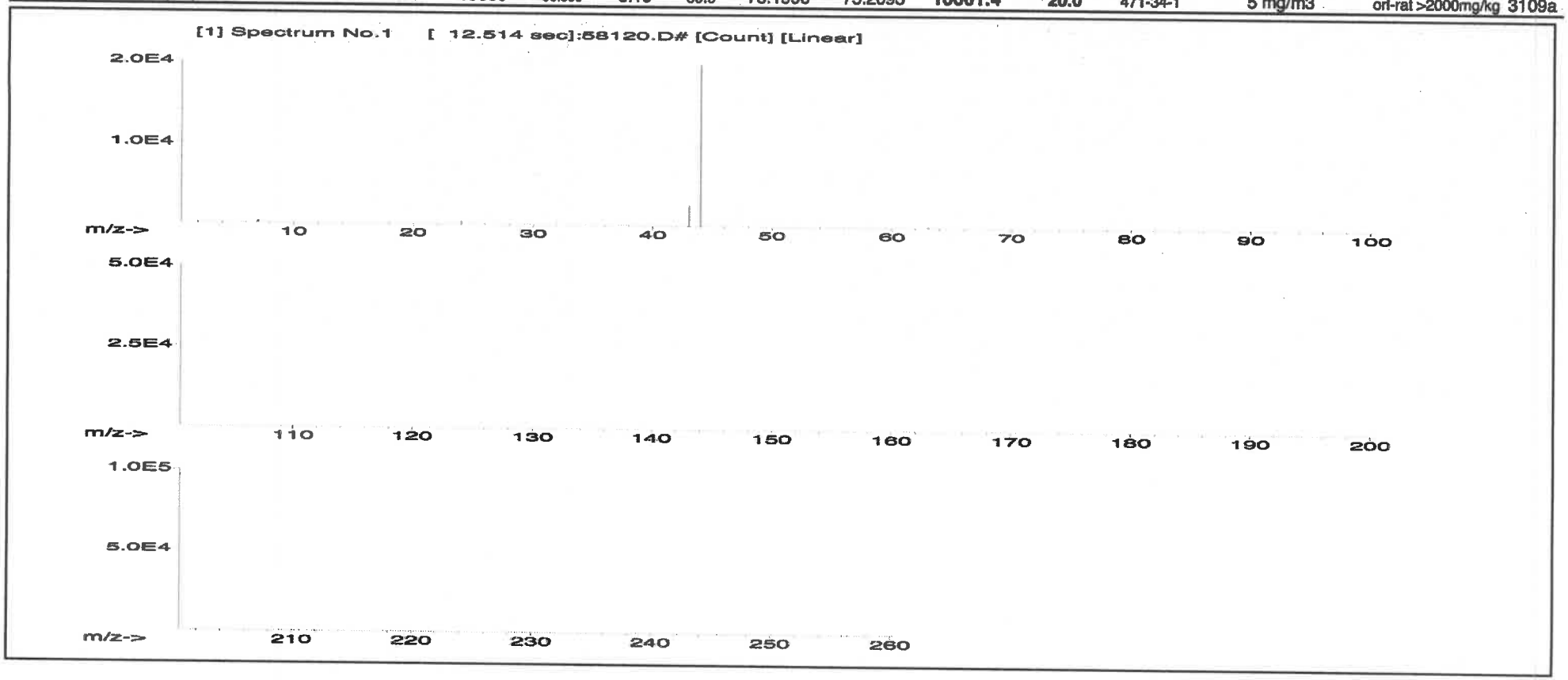
		Lot #	
Solvent:	21110221		Nitric Acid
	2%	60.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M 5513 R: 03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

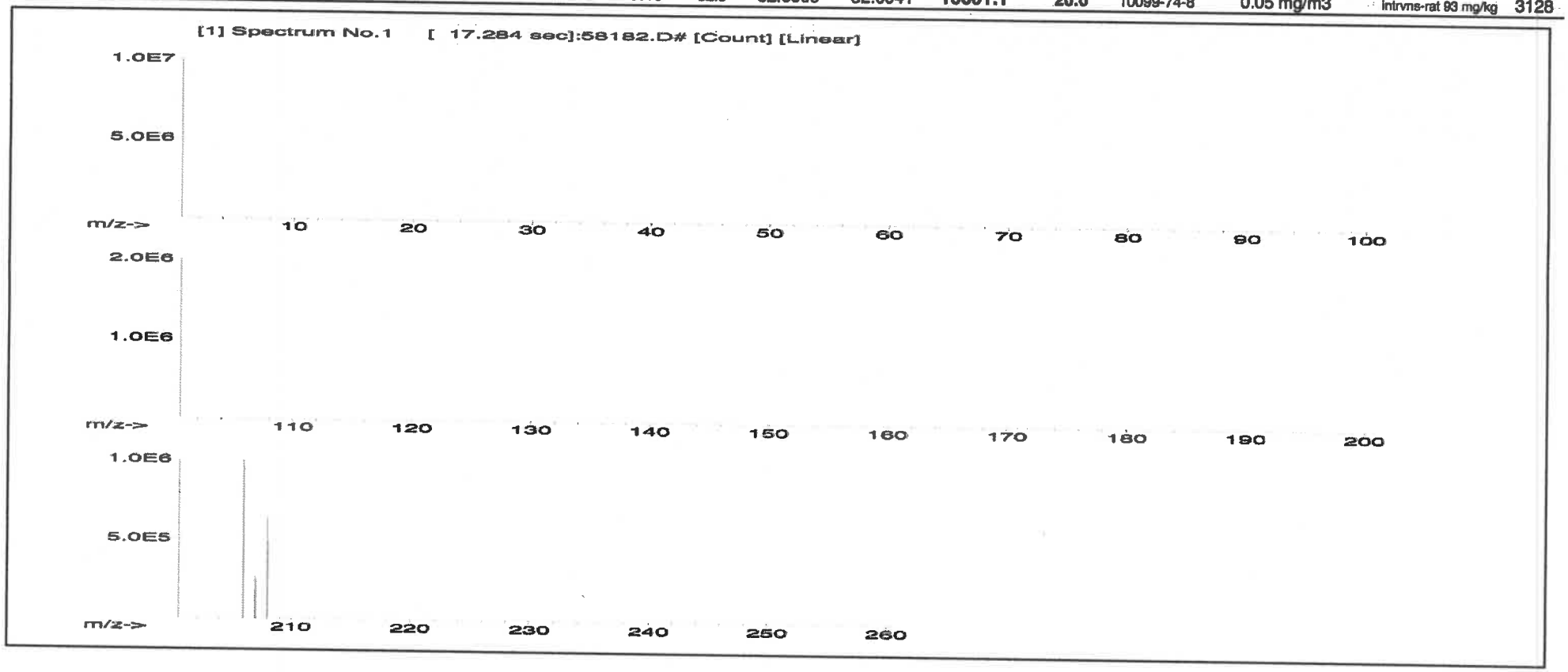
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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Certified Reference Material CRM

M5514 - M5515 R: 03/17/22

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 5000.1 ± 0.12 Flask Uncertainty

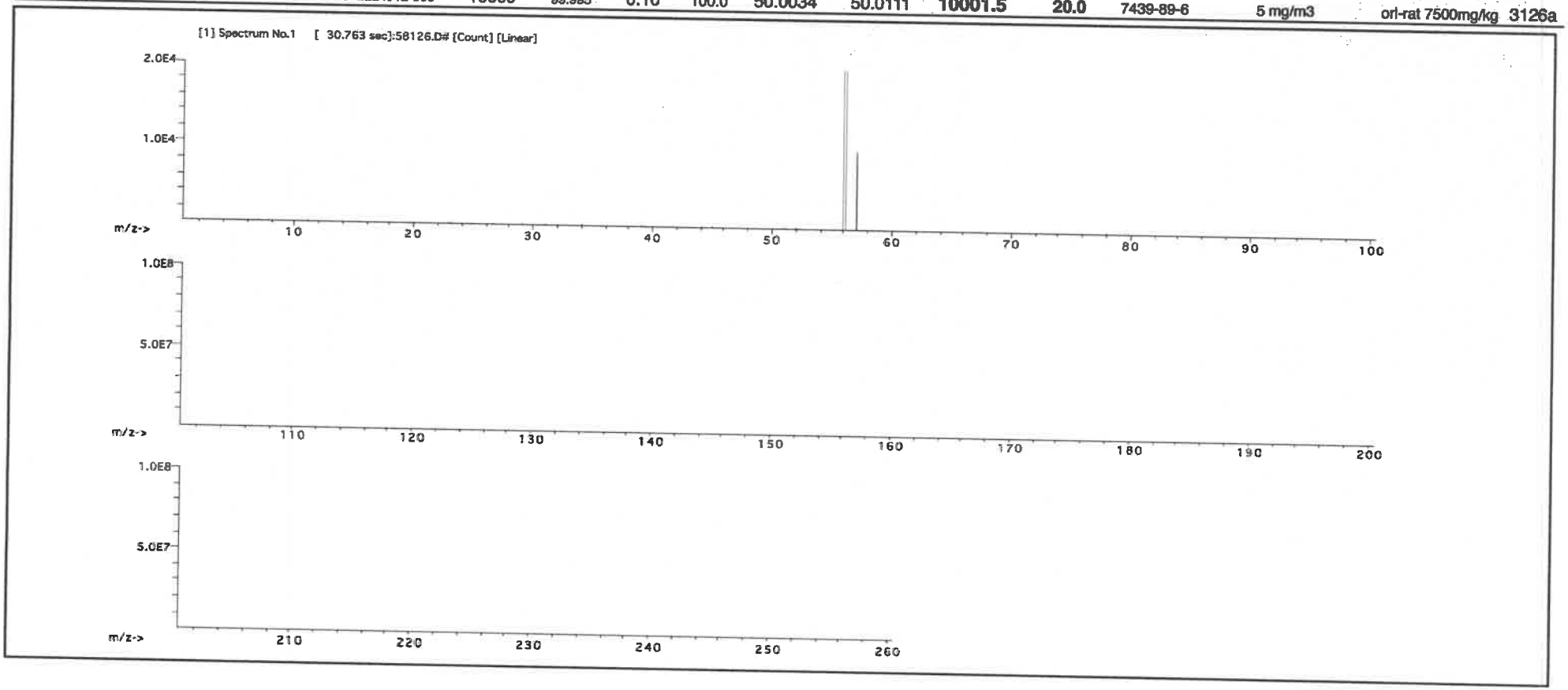
	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* 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

M5519. M5520 (BH) R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

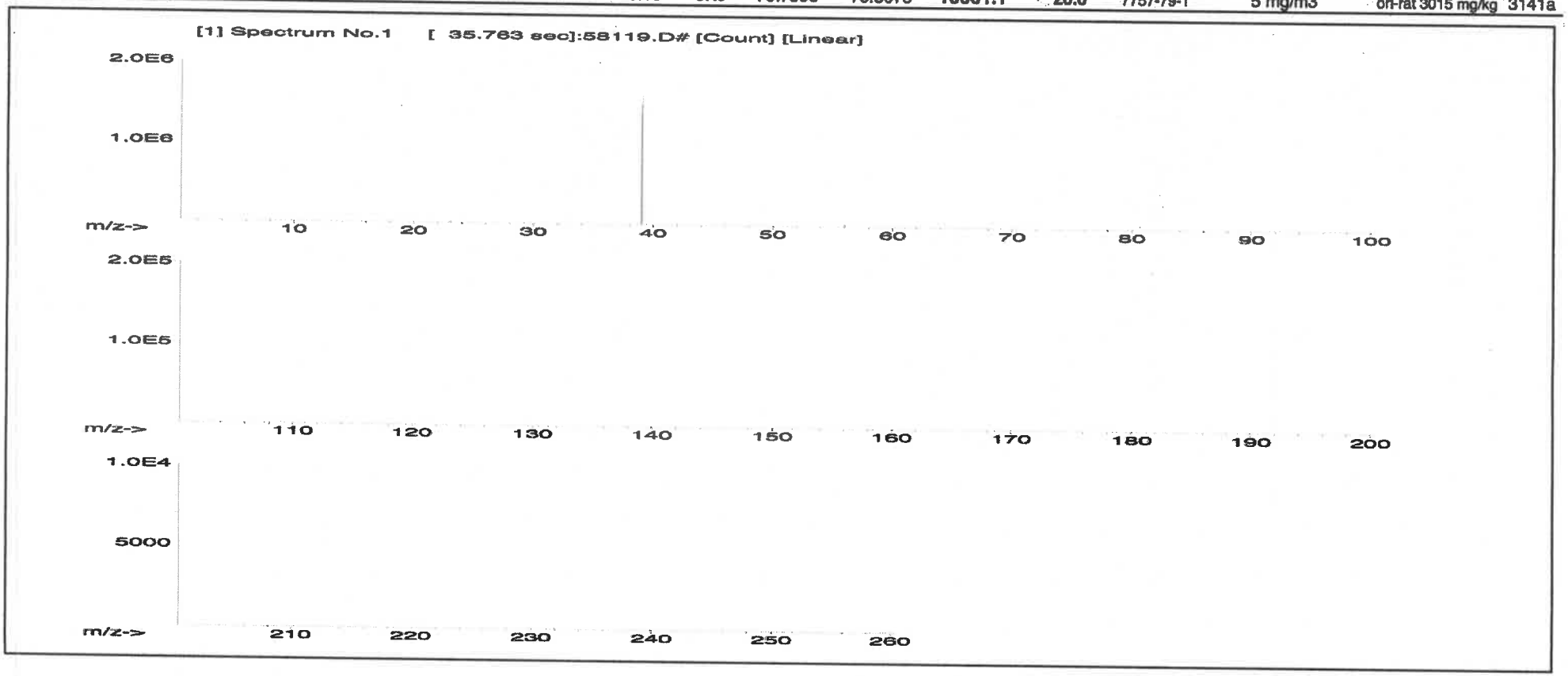
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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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).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (t) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (t) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	99.9 ± 0.8 µg/mL	Arsenic, As	40.00 ± 0.25 µg/mL
Cadmium, Cd	49.96 ± 0.22 µg/mL	Lead, Pb	19.99 ± 0.10 µg/mL
Selenium, Se	10.00 ± 0.06 µg/mL	Thallium, Tl	49.96 ± 0.32 µg/mL

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5658 R! 8/25/23

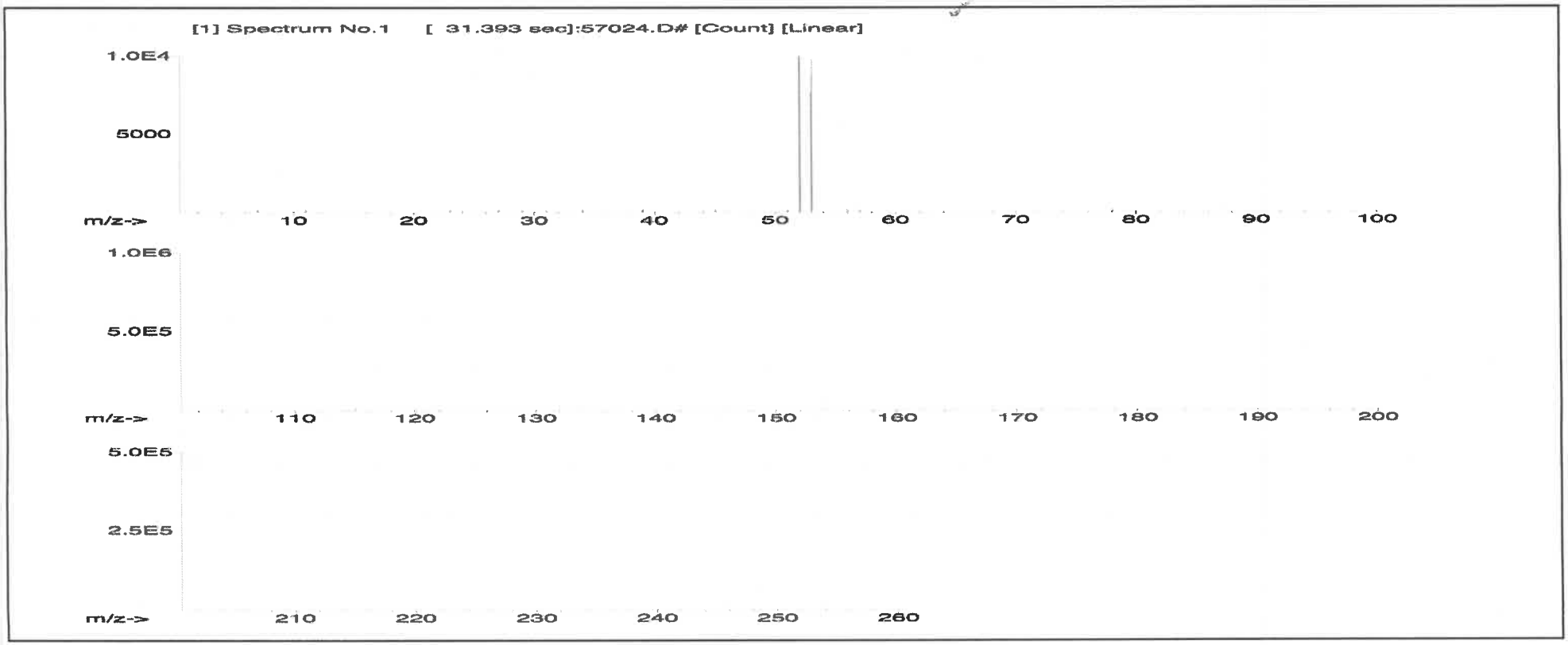
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5697 R: 10/27/23

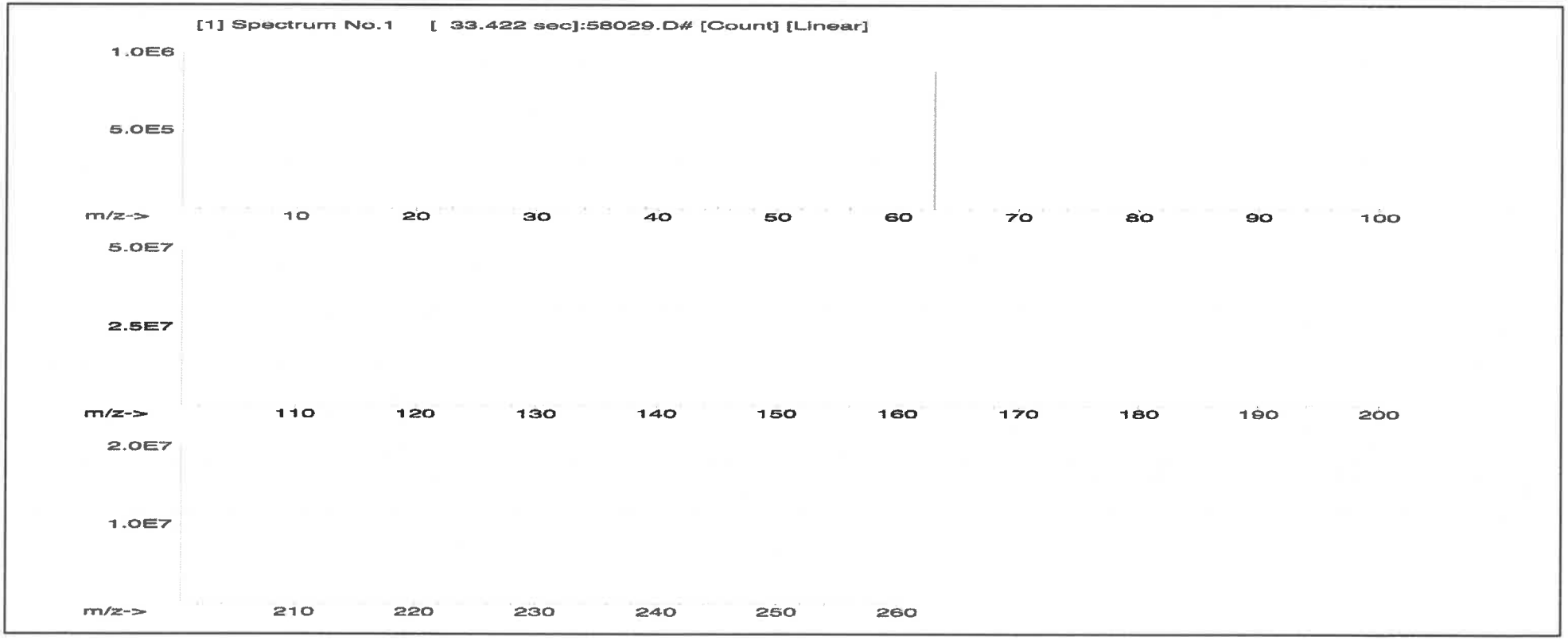
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Copper (Cu)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	100223	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5648 R: 10/27/23

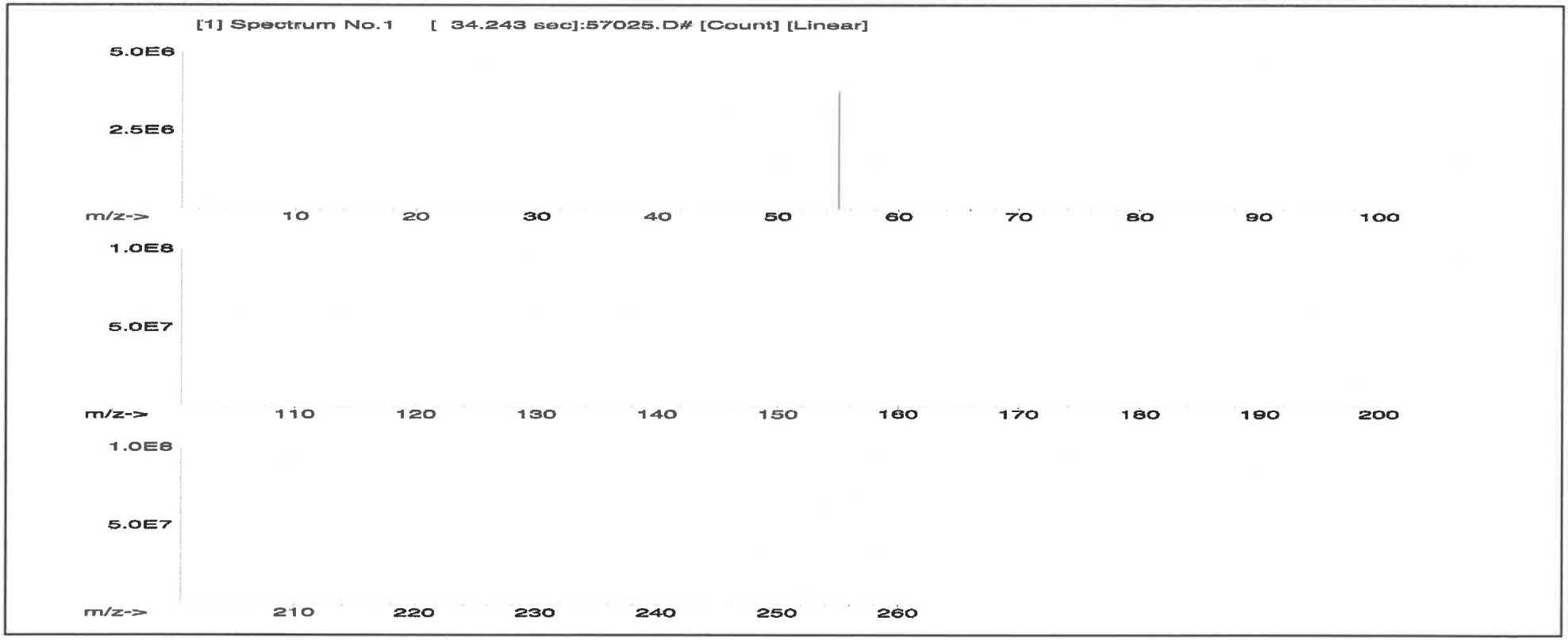
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 8/25/23 M5751

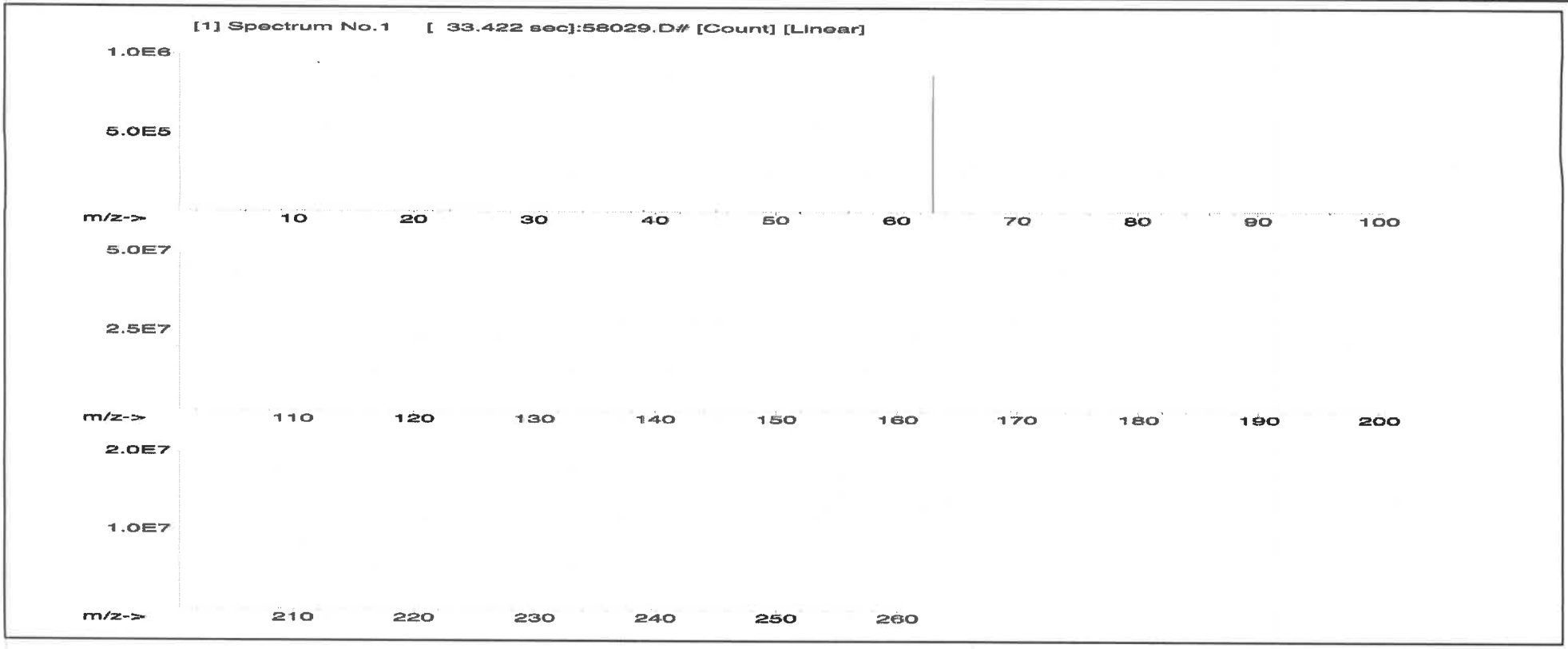
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	21110221	Nitric Acid	
Lot Number:	**071723**			
Description:	**Copper (Cu)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071723
Reviewed By:	Pedro L. Rentas	071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
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M5768 M5769 (BP) R:1/3/24

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

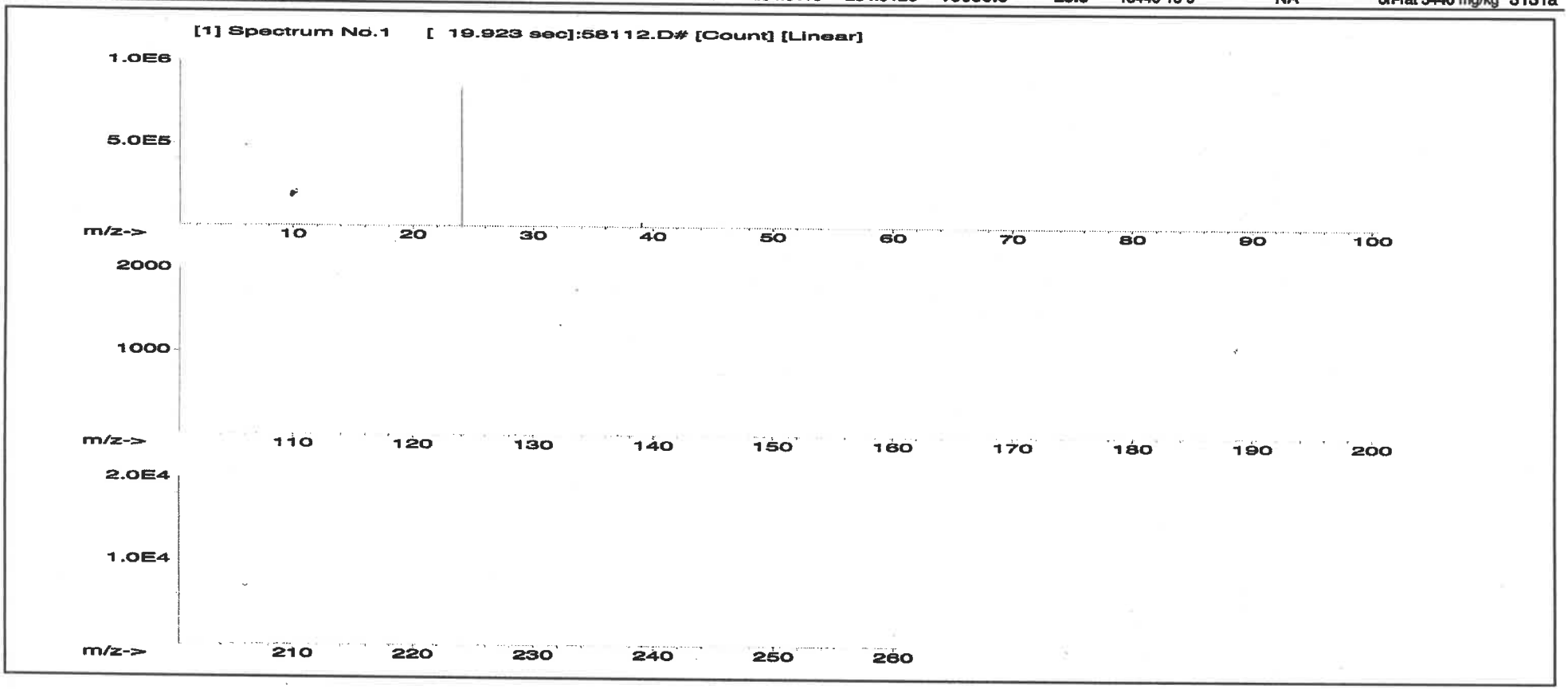
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By:	Lawrence Barry	091823
Reviewed By:	Pedro L. Rentas	091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	orl-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

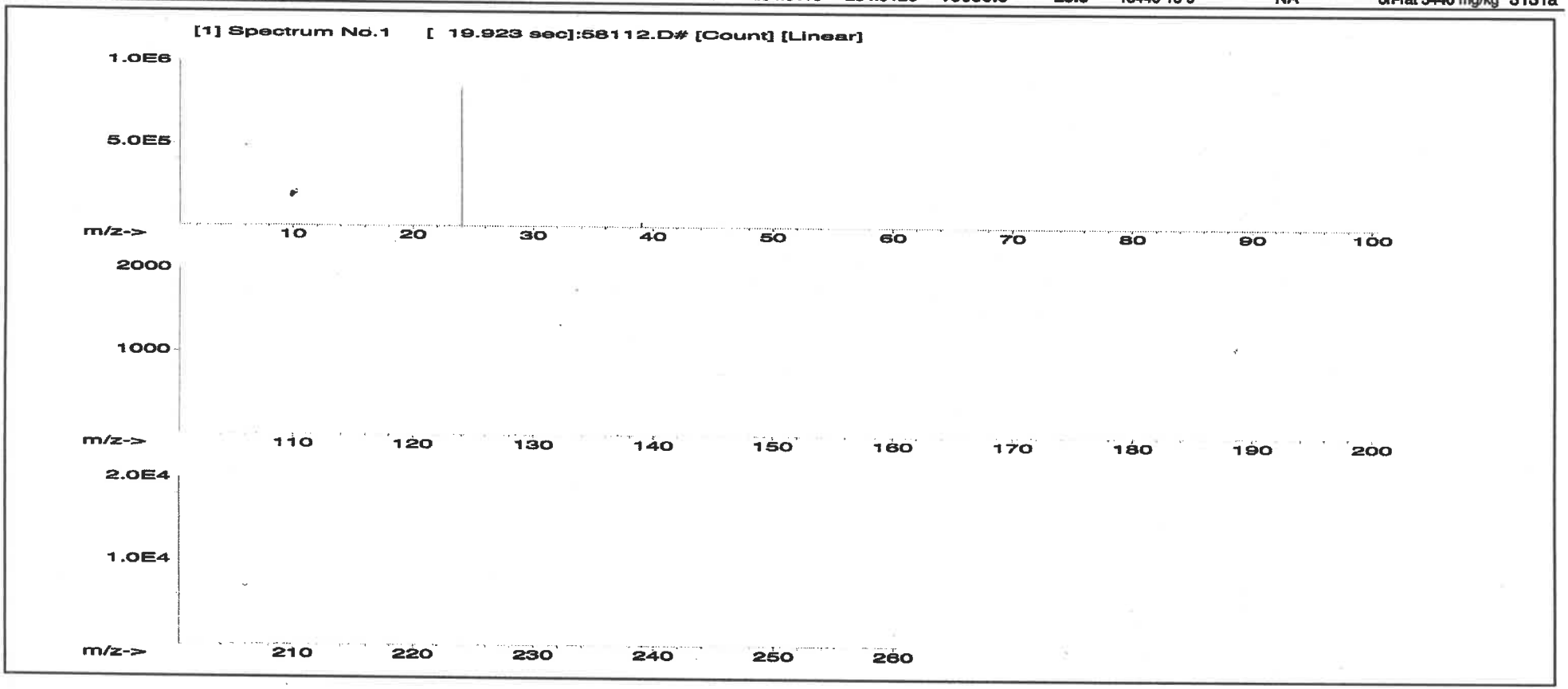
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By:	Lawrence Barry	091823
Reviewed By:	Pedro L. Rentas	091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	orl-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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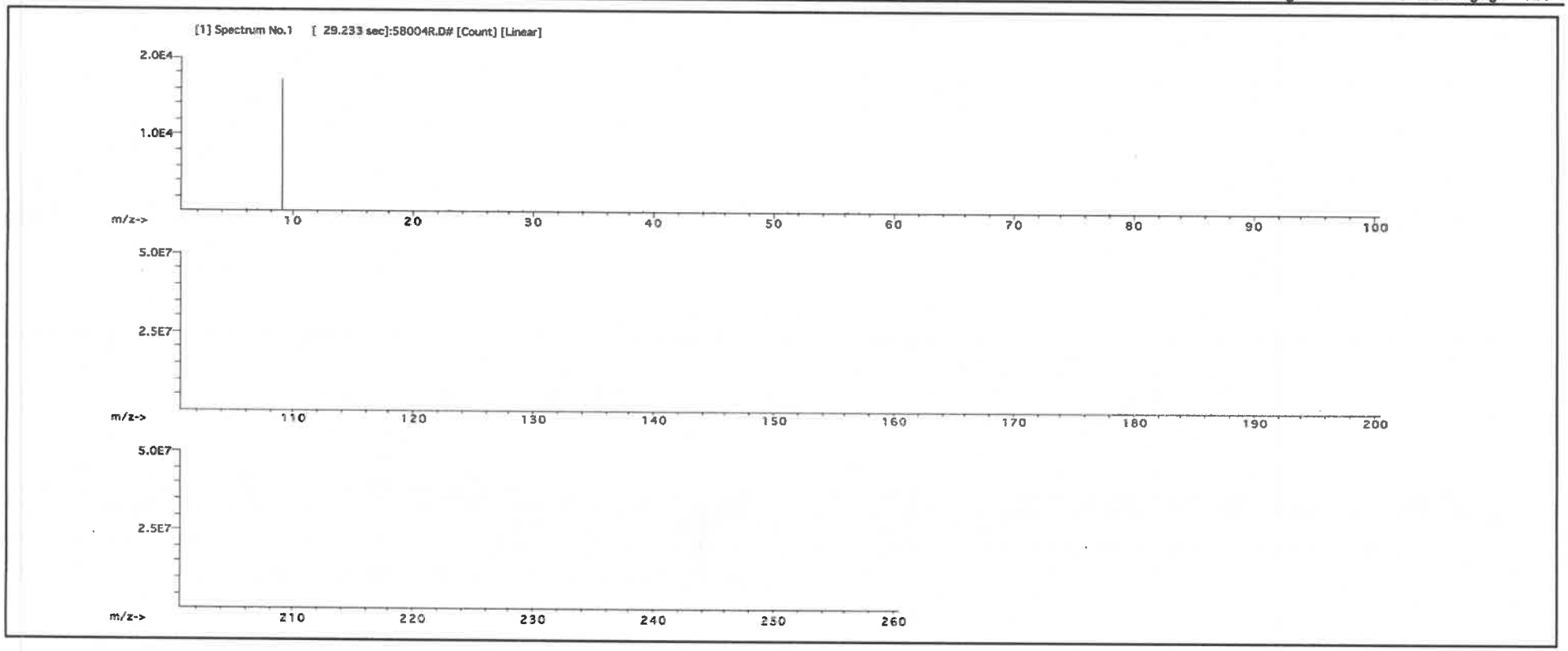
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

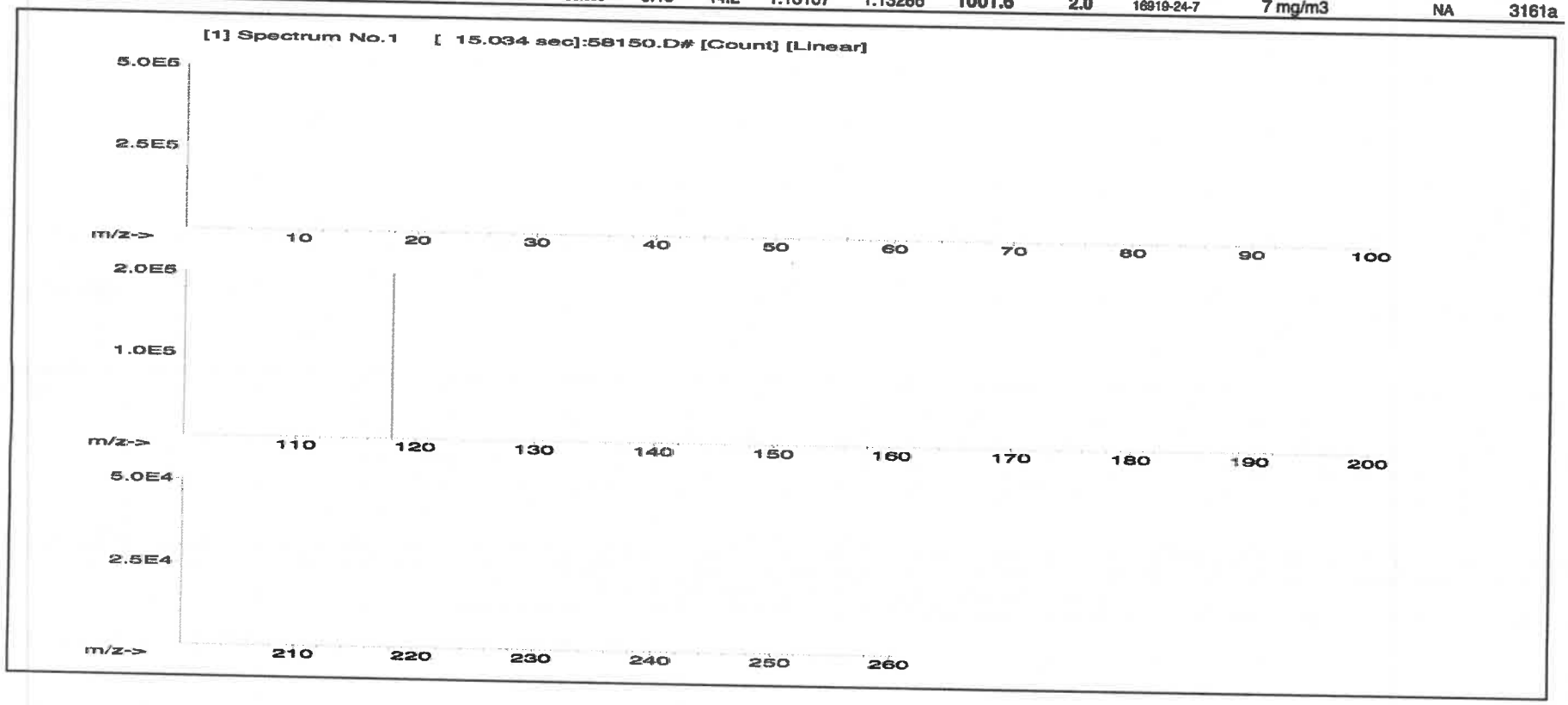
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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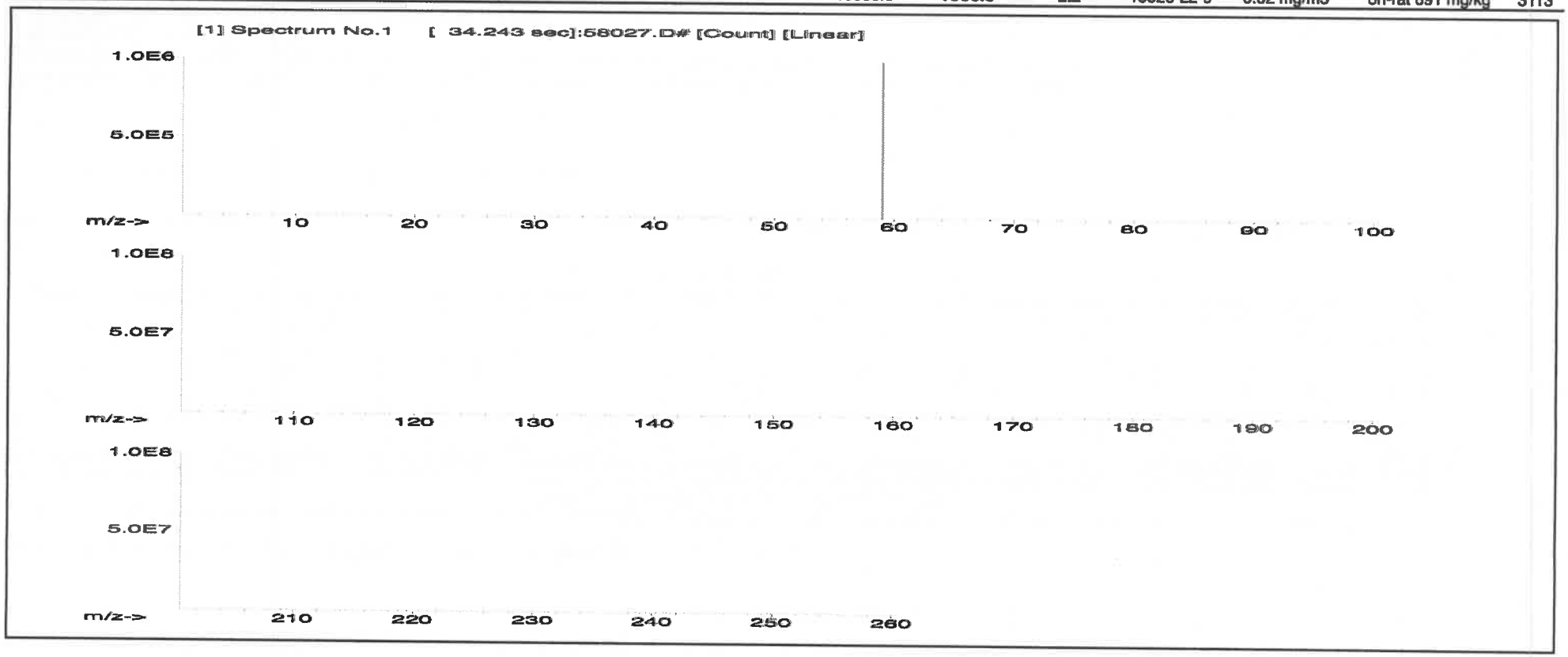
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**				
		2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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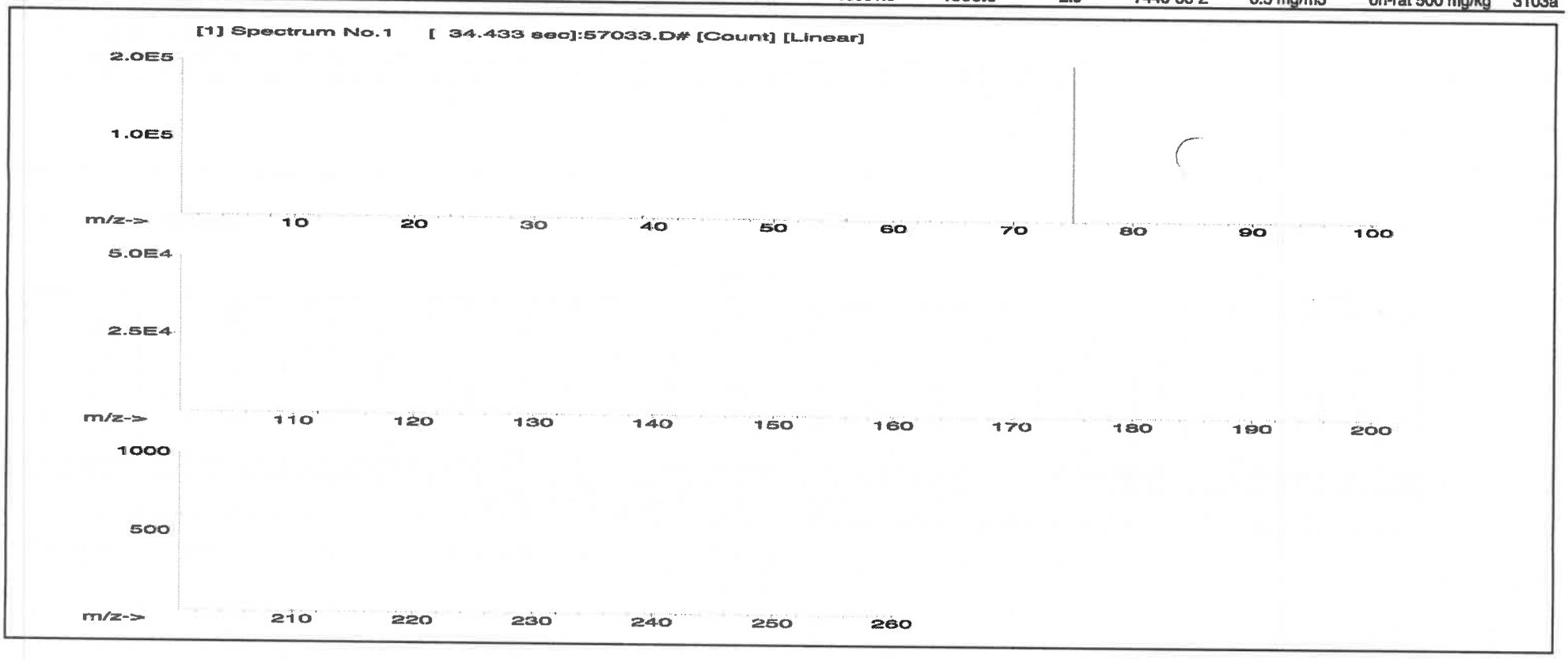
CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R1 02/09/24. M58165

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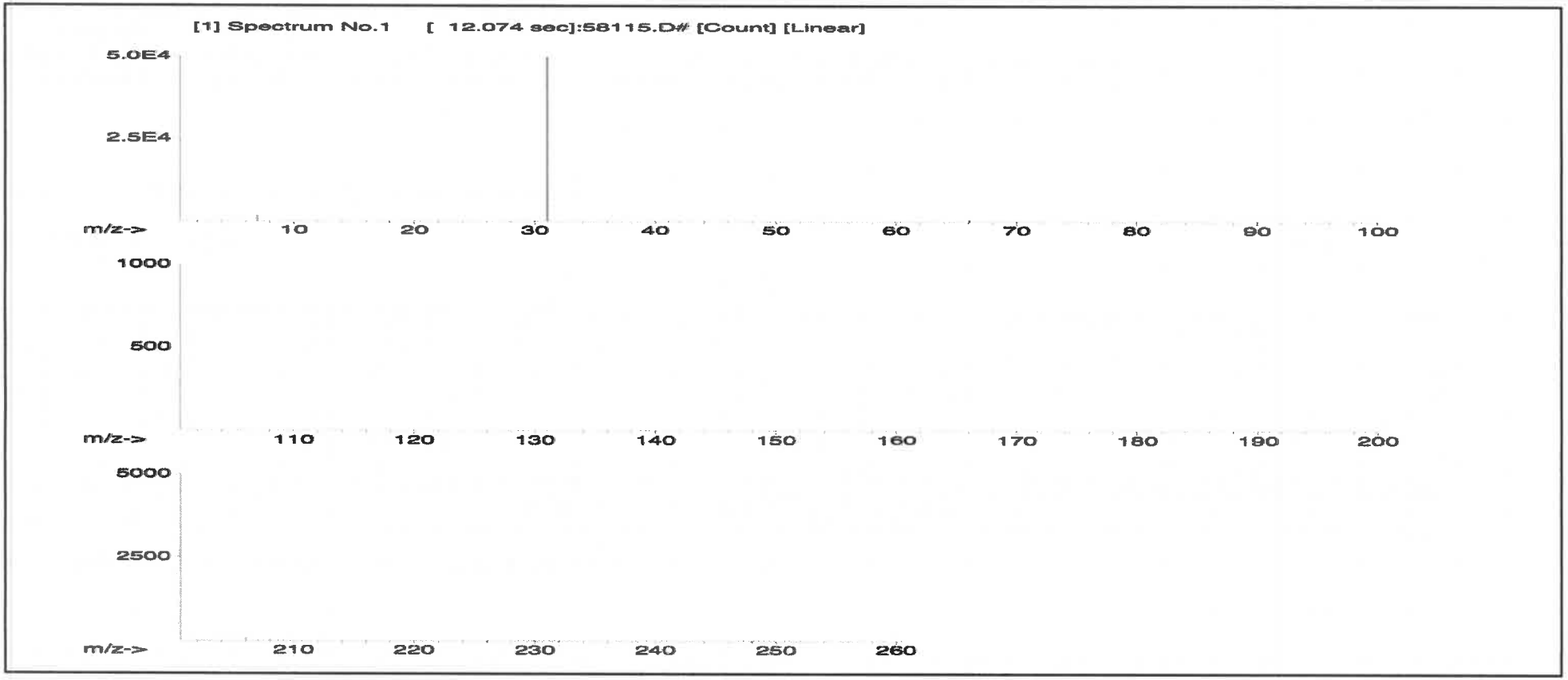
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5816

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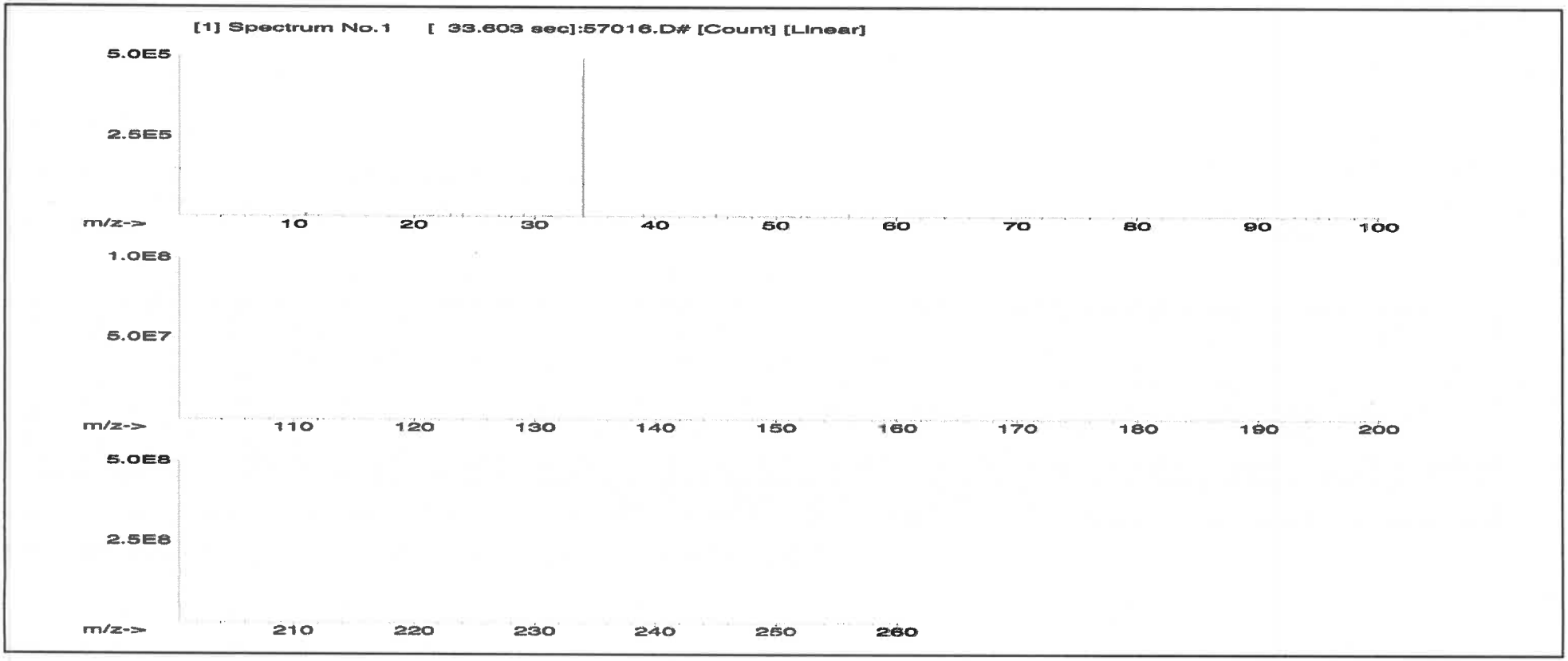
CERTIFIED WEIGHT REPORT:

Part Number:	**57016**	**Solvent:**	**Lot #** 122923	ASTM Type 1 Water
Lot Number:	**122923**			
Description:	**Sulfur (S)**			
Expiration Date:	122926			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty	

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5817

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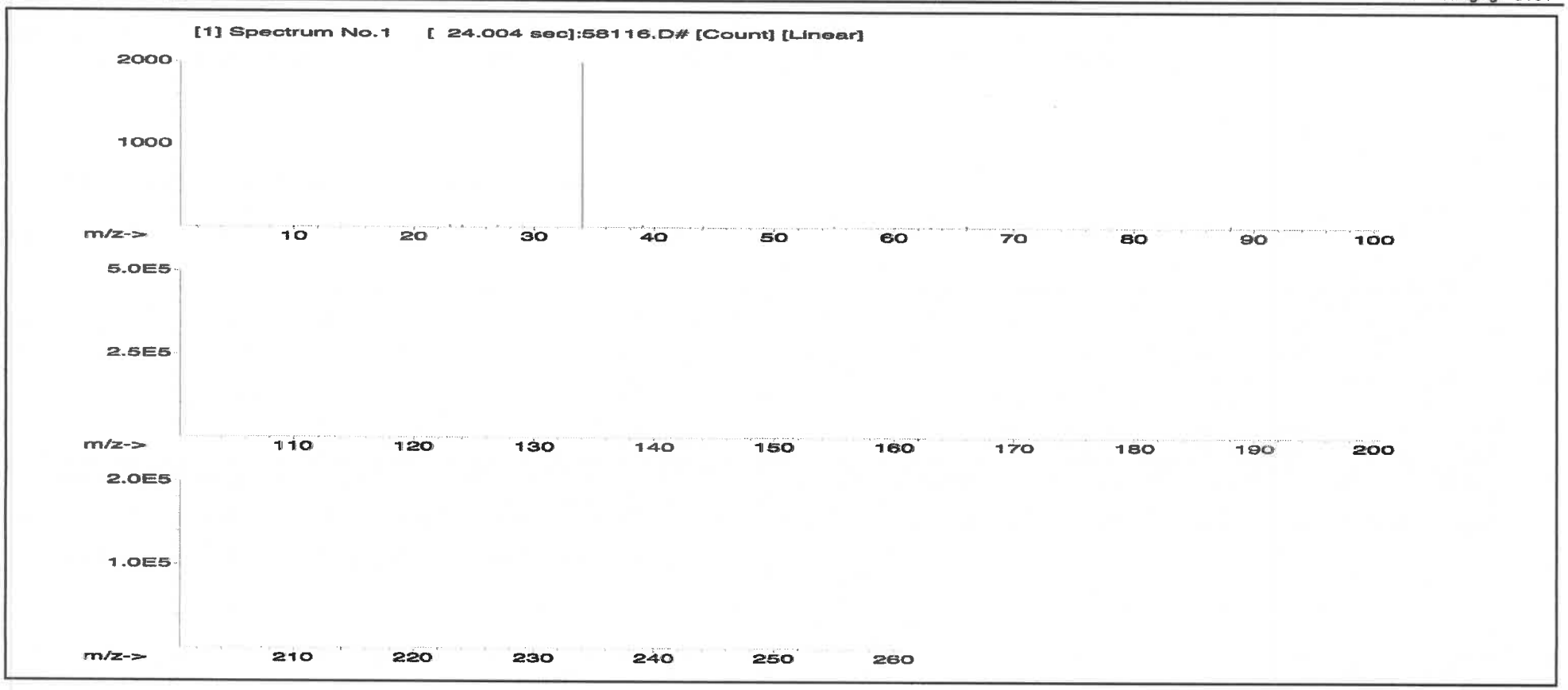
CERTIFIED WEIGHT REPORT:

Part Number:	**57116**			
Lot Number:	**071123**	**Solvent:**	071123	ASTM Type 1 Water
Description:	**Sulfur (S)**			
Expiration Date:	071126			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	1999.48	0.058	Flask Uncertainty	

Lot #

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M.5818

Lot #

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CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

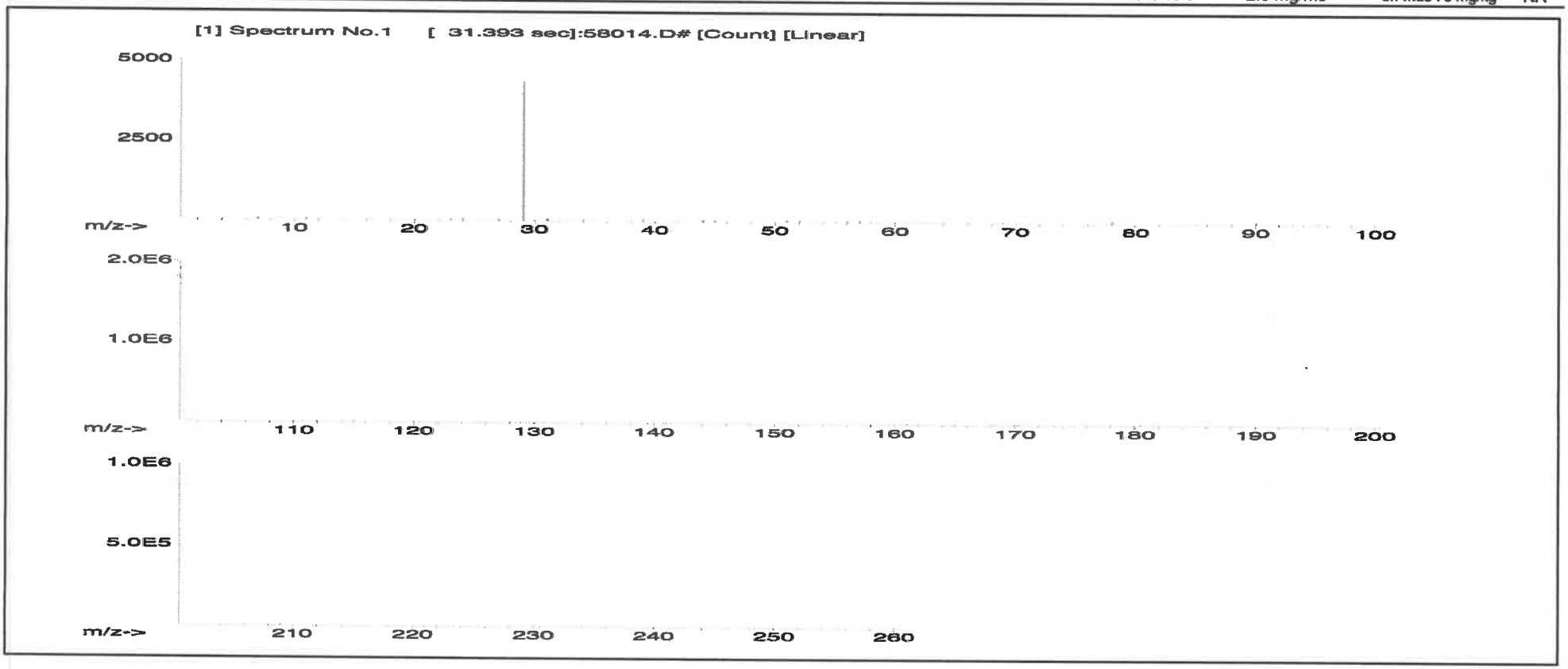
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* 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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R: 02/09/24 M5819

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CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

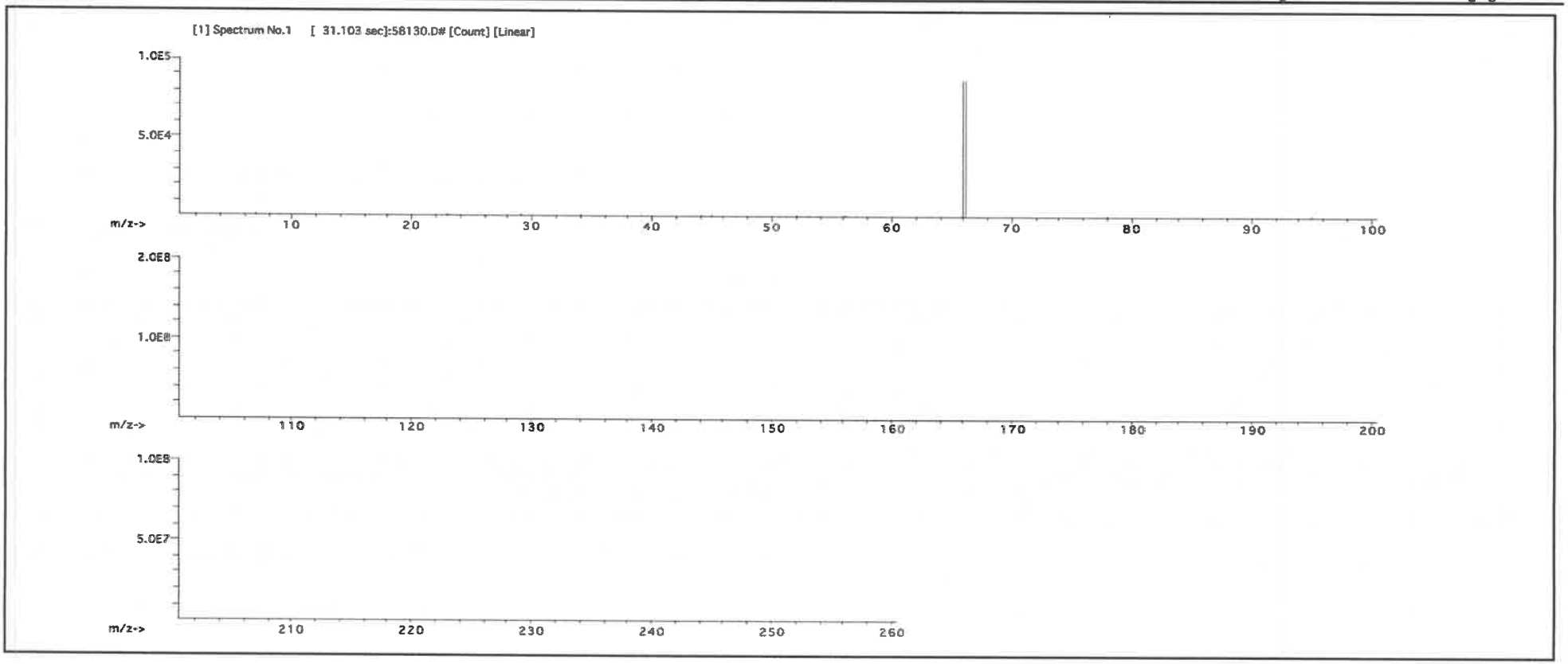
Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
2%	60.0 (mL)	Nitric Acid		
			5E-05	Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 02/09/24 M5820

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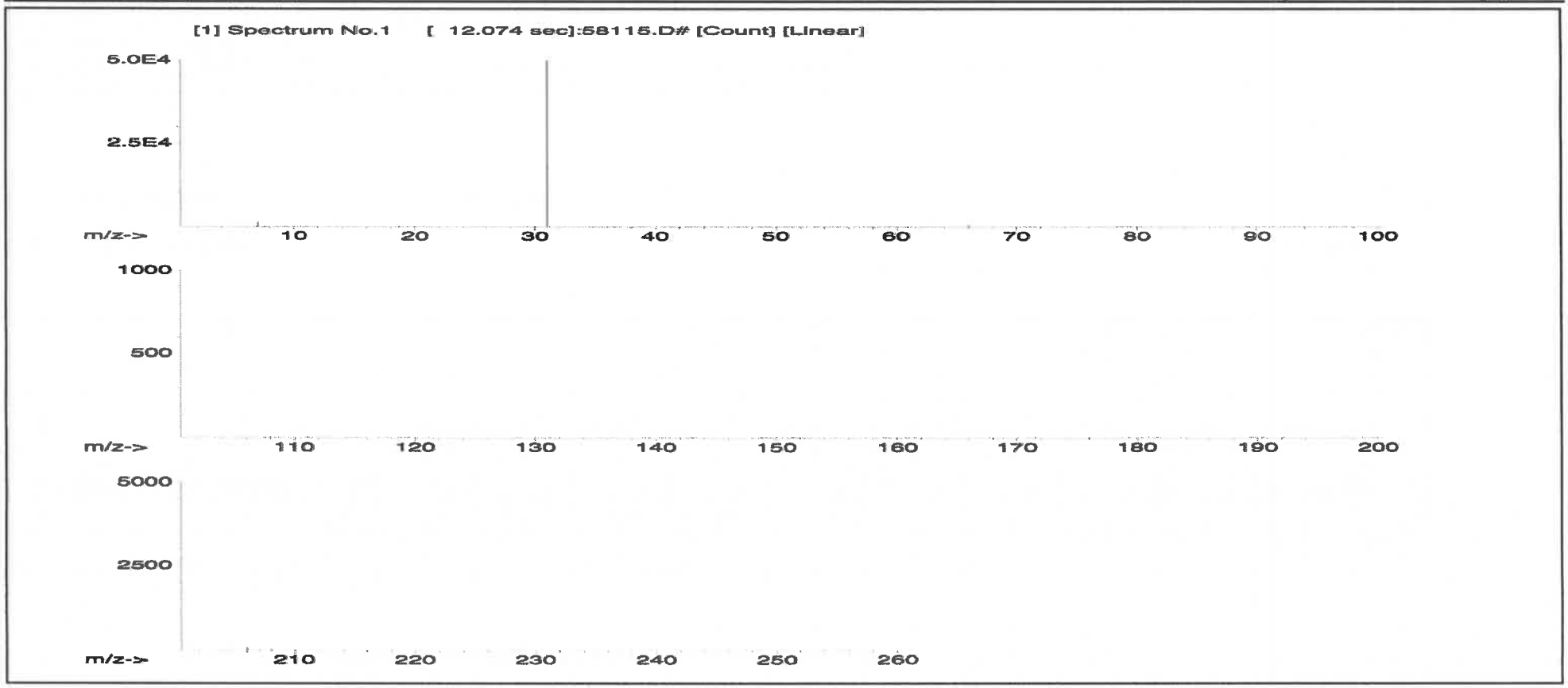
CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5961 R: 6/11/24

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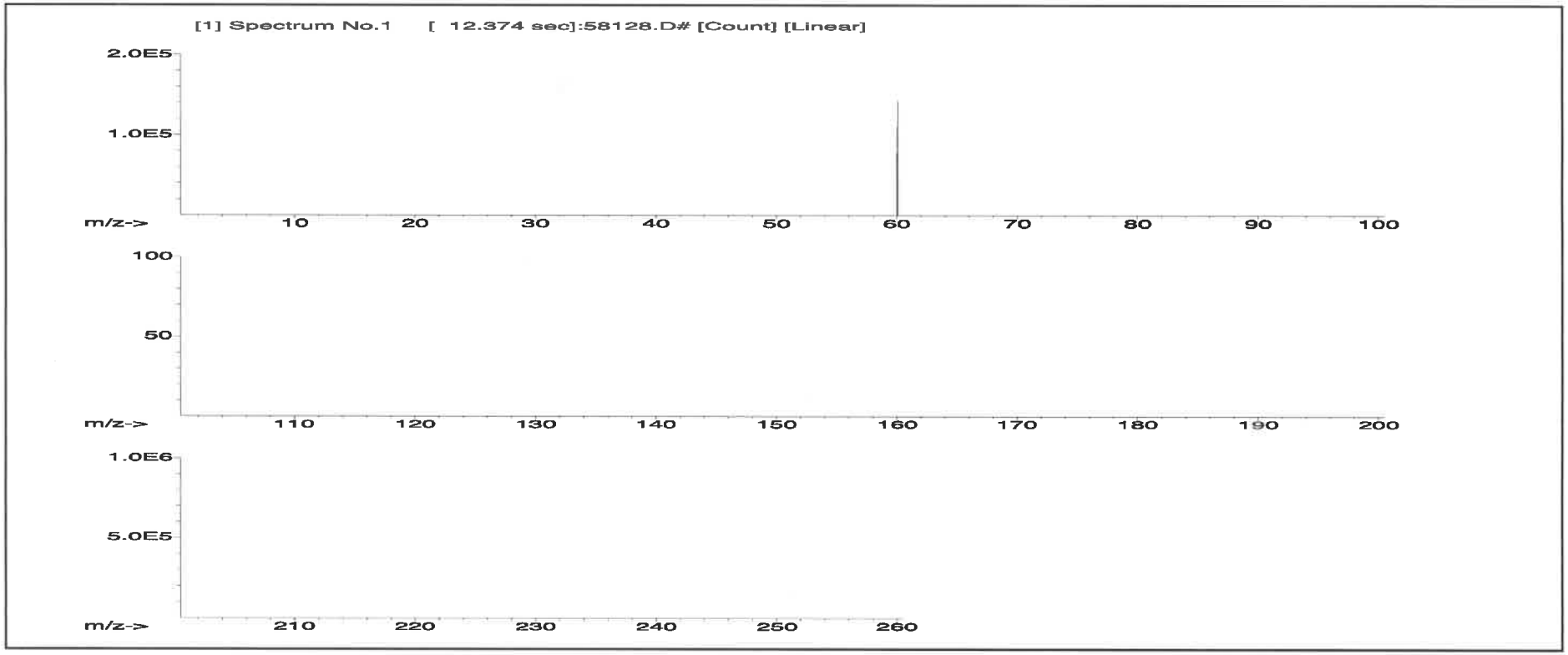
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57028**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**041124**			
Description:	**Nickel (Ni)**			
		2%	5.0 (mL)	Nitric Acid
Expiration Date:	041127			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	249.85	0.002	Flask Uncertainty	

Formulated By:	Brian Geddes	041124
Reviewed By:	Pedro L. Rentas	041124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Nickel(II) nitrate hexahydrate (Ni)	IN033	NIM052023A1	1000	99.999	0.10	20.2	1.2369	1.2369	**1000.0**	**2.0**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5962 R! 06/14/24.

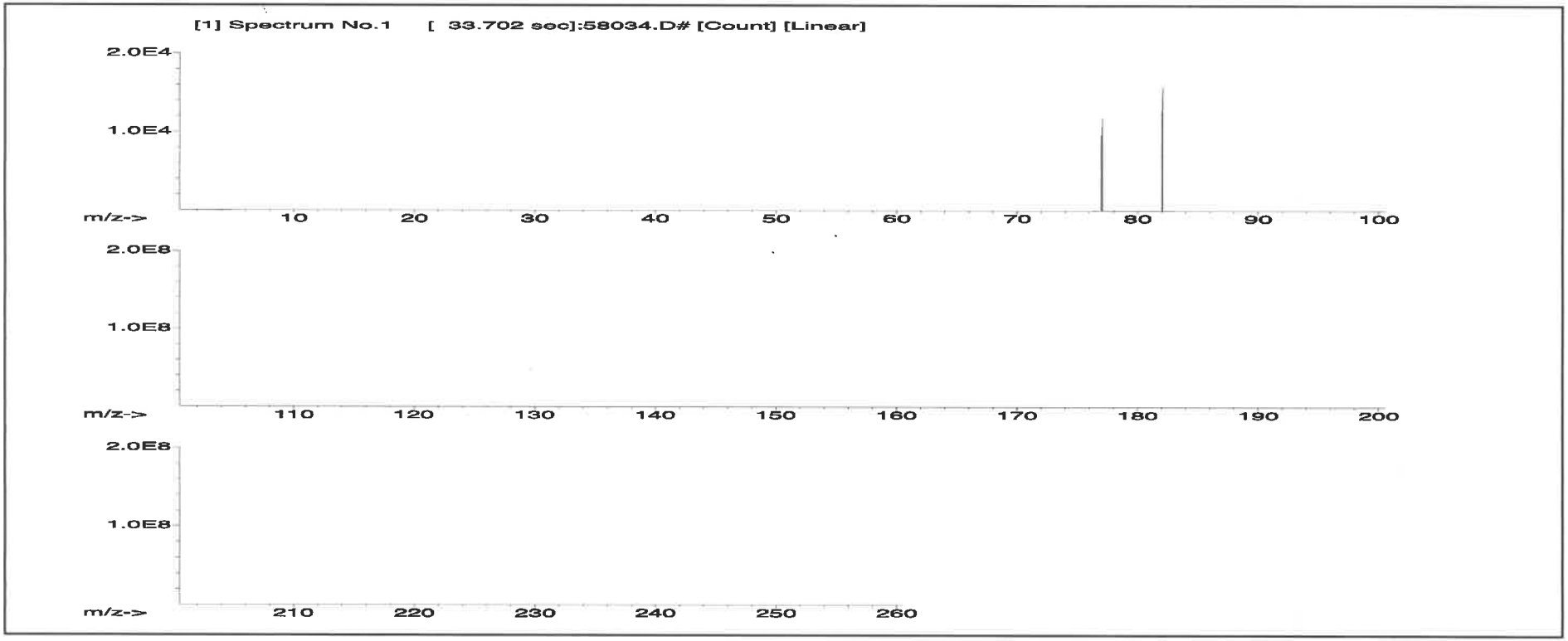
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certificate of Analysis

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation

Certificate Approved By:

Michael Booth
Director, Technical

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

M5978, M5979

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info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(\bar{x}_i)$

$\bar{x}_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\,(u_{char\ i})^2)^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (\bar{x}_a)\ (u_{char\ a})$

$\bar{x}_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5981 R:6/11/24

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57092**	24002546	Nitric Acid	
Lot Number:	**060724**			
Description:	**Uranium (U)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

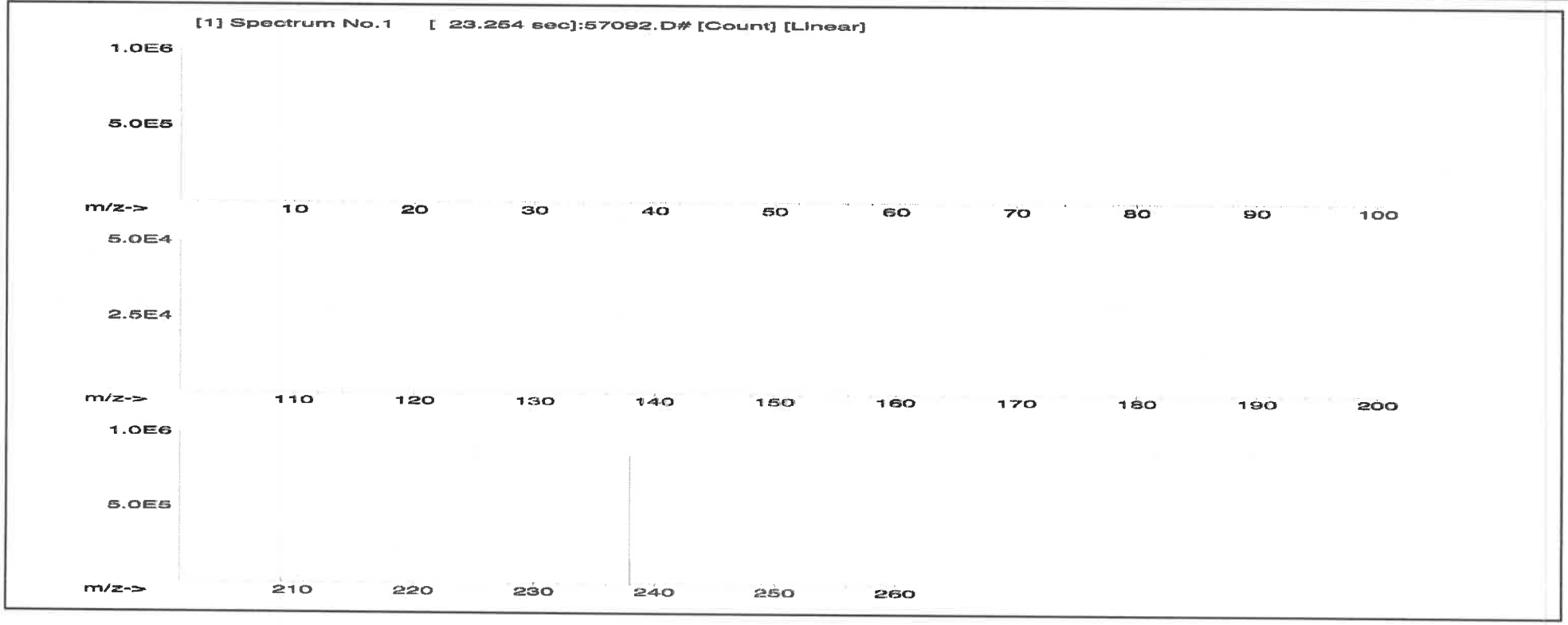
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

45982 R: 6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

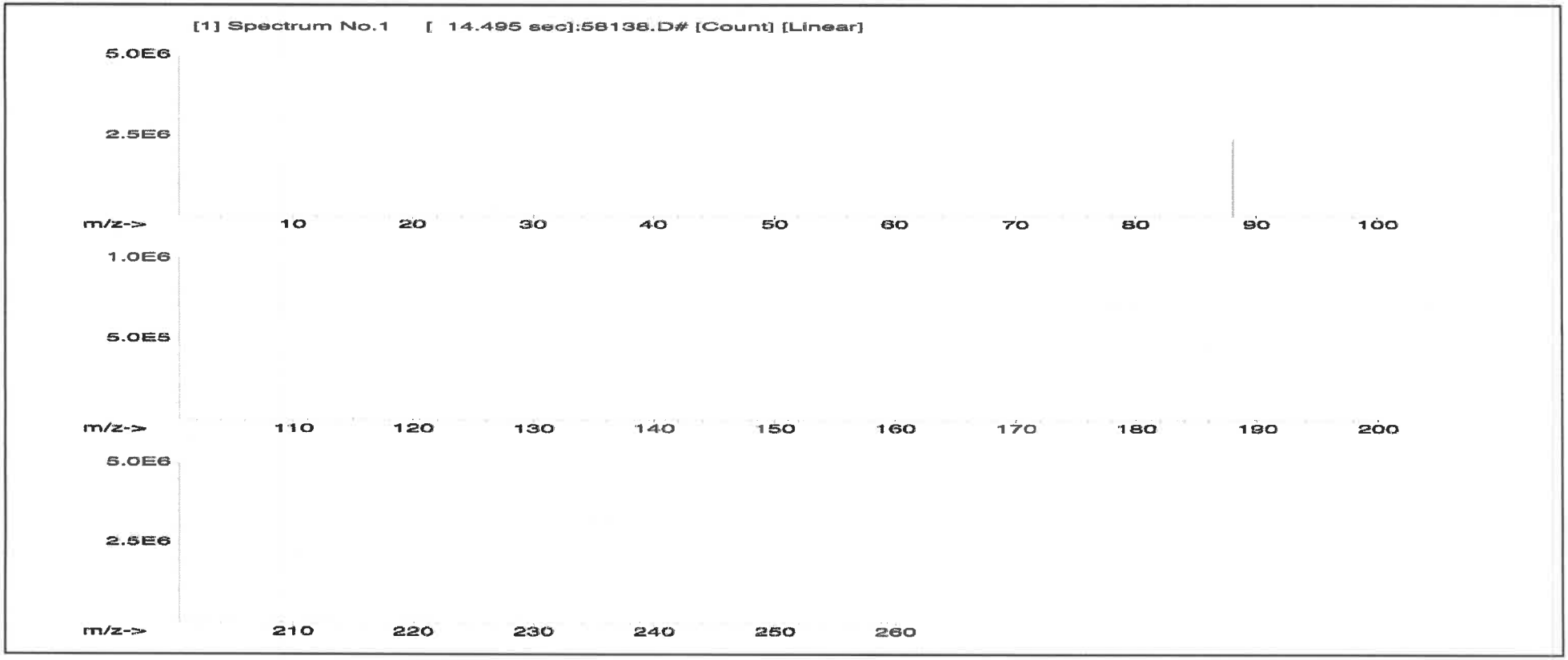
Part Number: 57038
Lot Number: 031524
Description: Strontium (Sr)

Expiration Date: 031527
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.07

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
5E-05	Balance Uncertainty		
0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5983 R: 6/11/24

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AR-1539 Certificate Number
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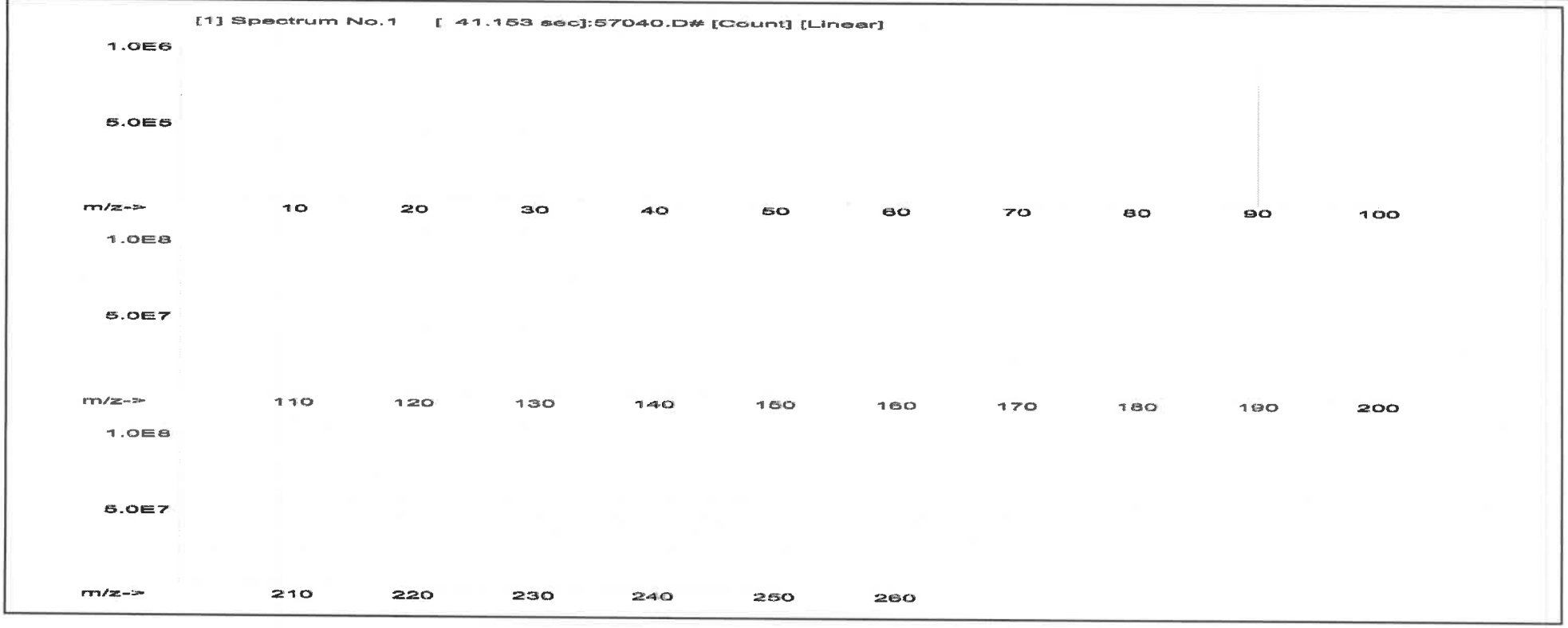
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57040	21110221	Nitric Acid	
Lot Number:	071423			
Description:	Zirconium (Zr)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

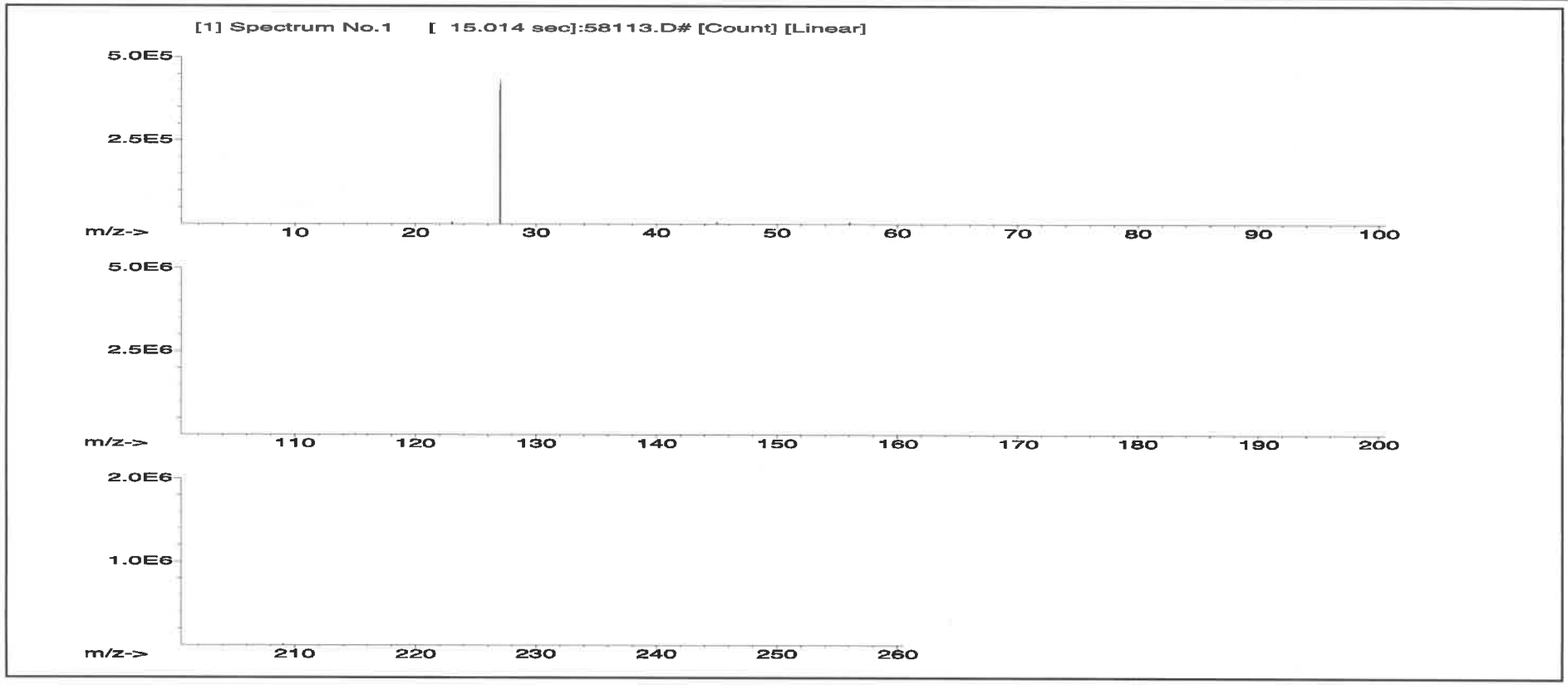
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05 Balance Uncertainty			
Weight shown below was diluted to (mL):	2000.02	0.058 Flask Uncertainty			

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Nitric Acid 69%
CMOS

Recv date: 1. 1. — 08/01/2023

M6034, M6037
M6035, M6038,
M6036,

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 – 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities – Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities – Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities – Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

R: 9/2/24.

Certificate of Analysis

M6080, M6081, M6082, M6083, M6084

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

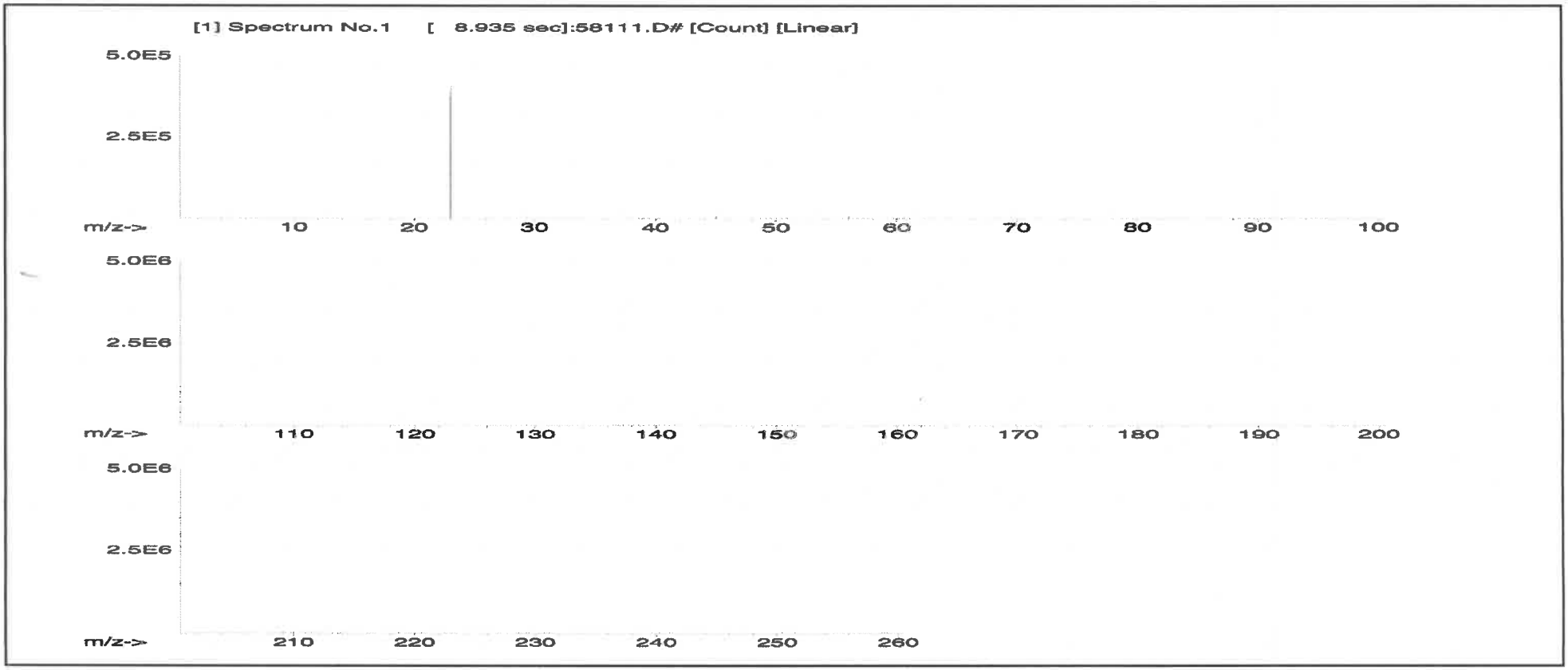
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES™

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A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
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This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

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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Certified Reference Material CRM

R: 01/03/24 M5802, M5803

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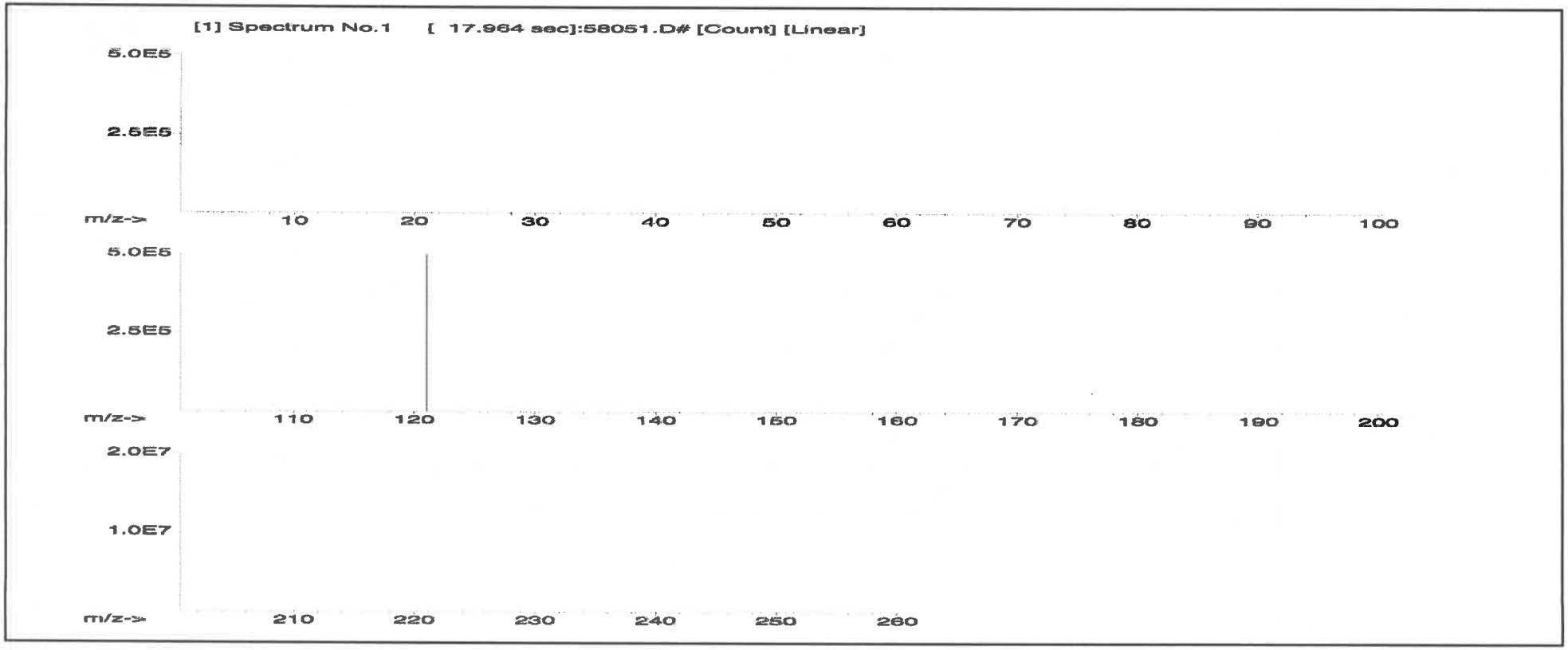
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M6030

R: 8/5/24

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AR-1539 Certificate Number
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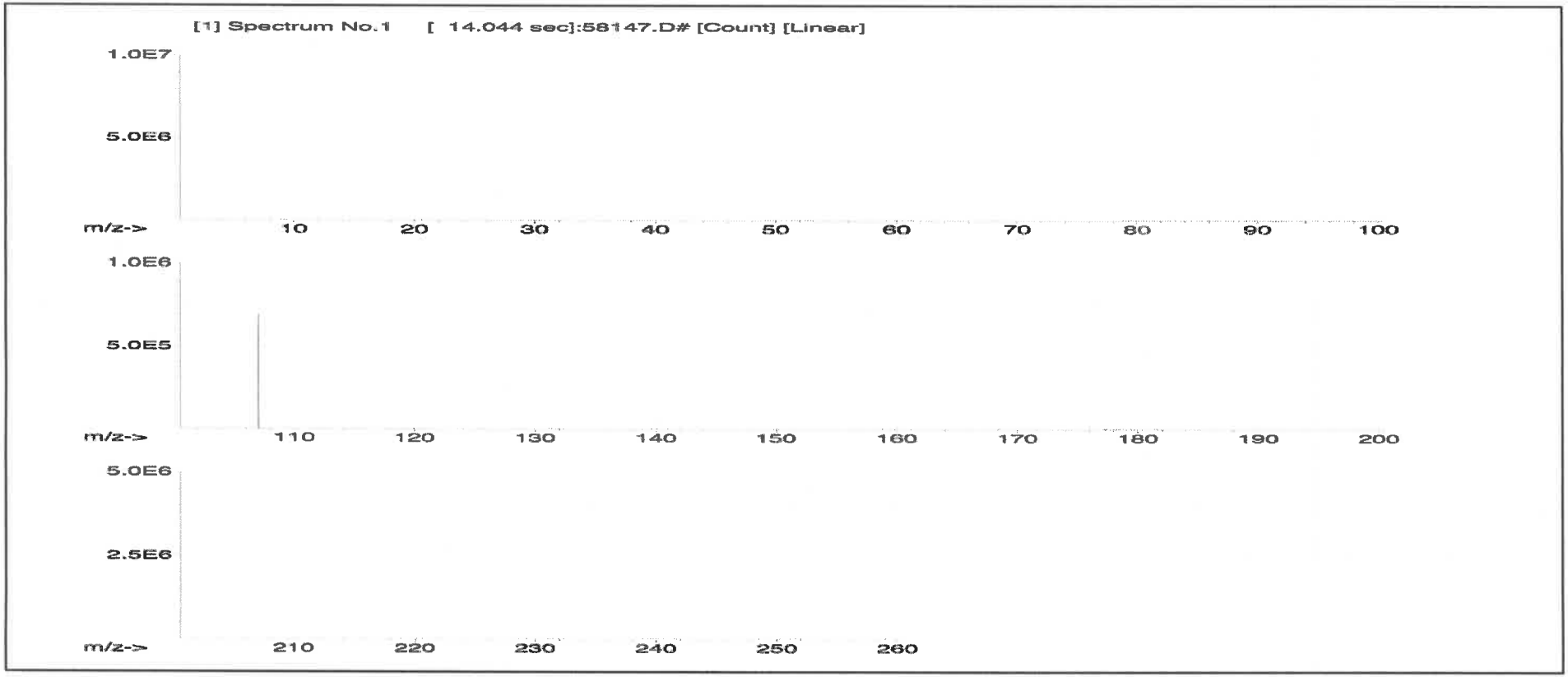
CERTIFIED WEIGHT REPORT:

Part Number:	**57047**			**Lot #**	
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**				
		2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 03/16/23 M5473, M5474, M5475, M5476

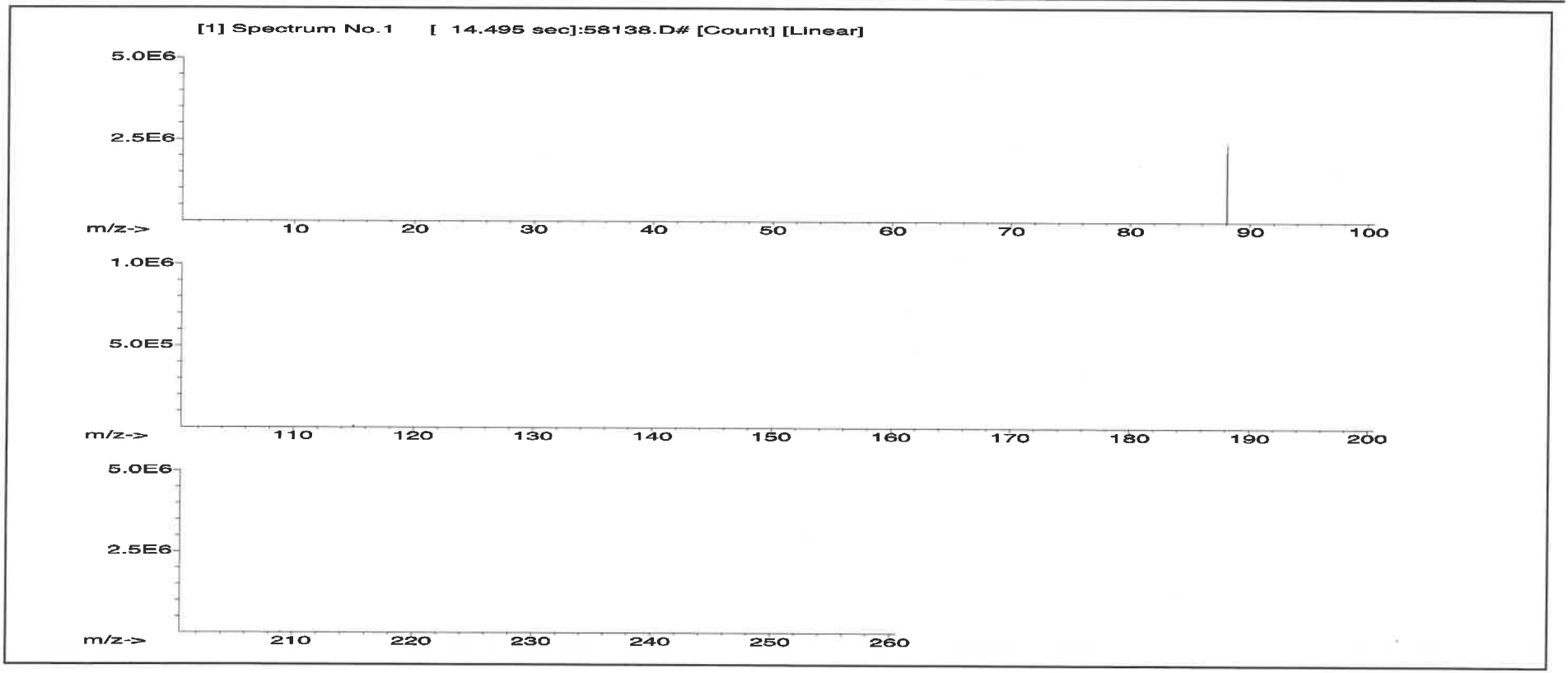
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 03/16/23 M5473, M5474, M5475, M5476

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AR-1539 Certificate Number
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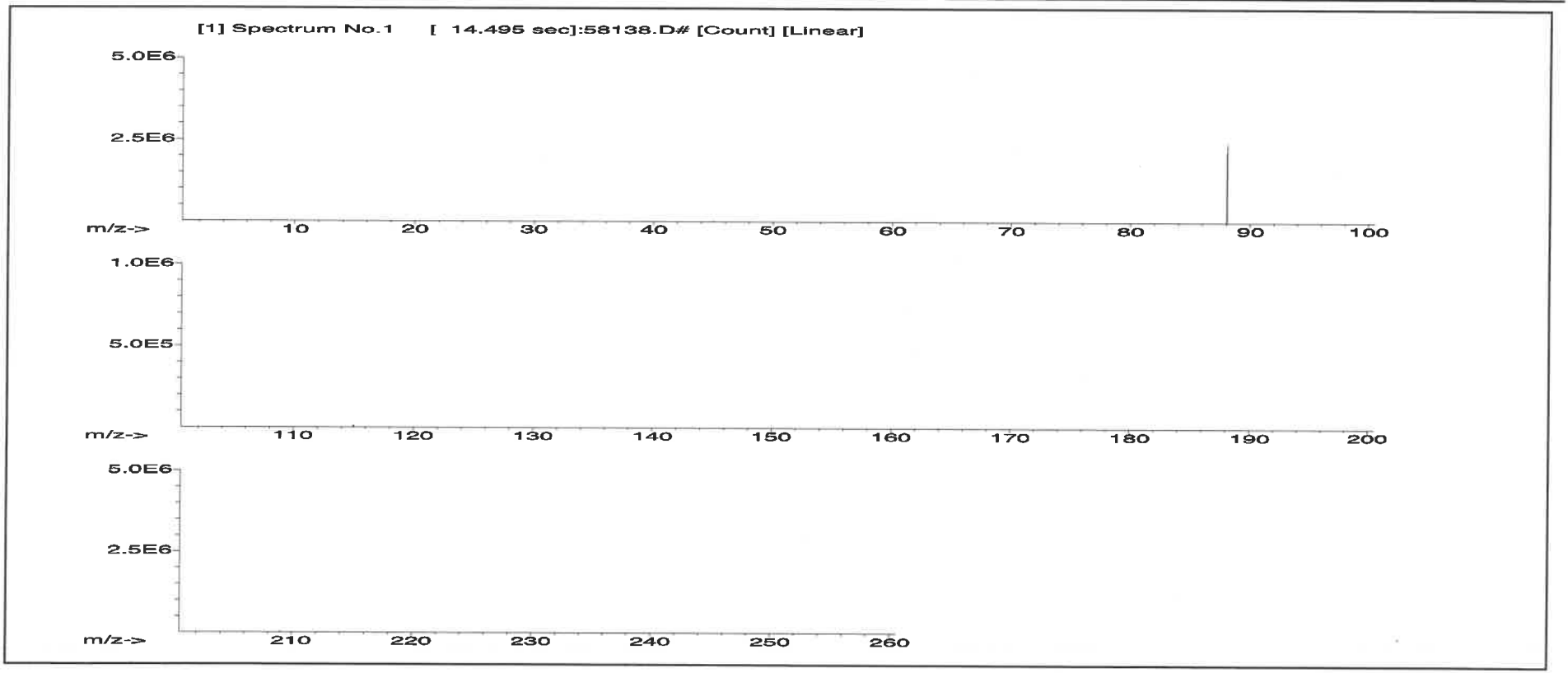
CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R ! 8/5/24

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CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

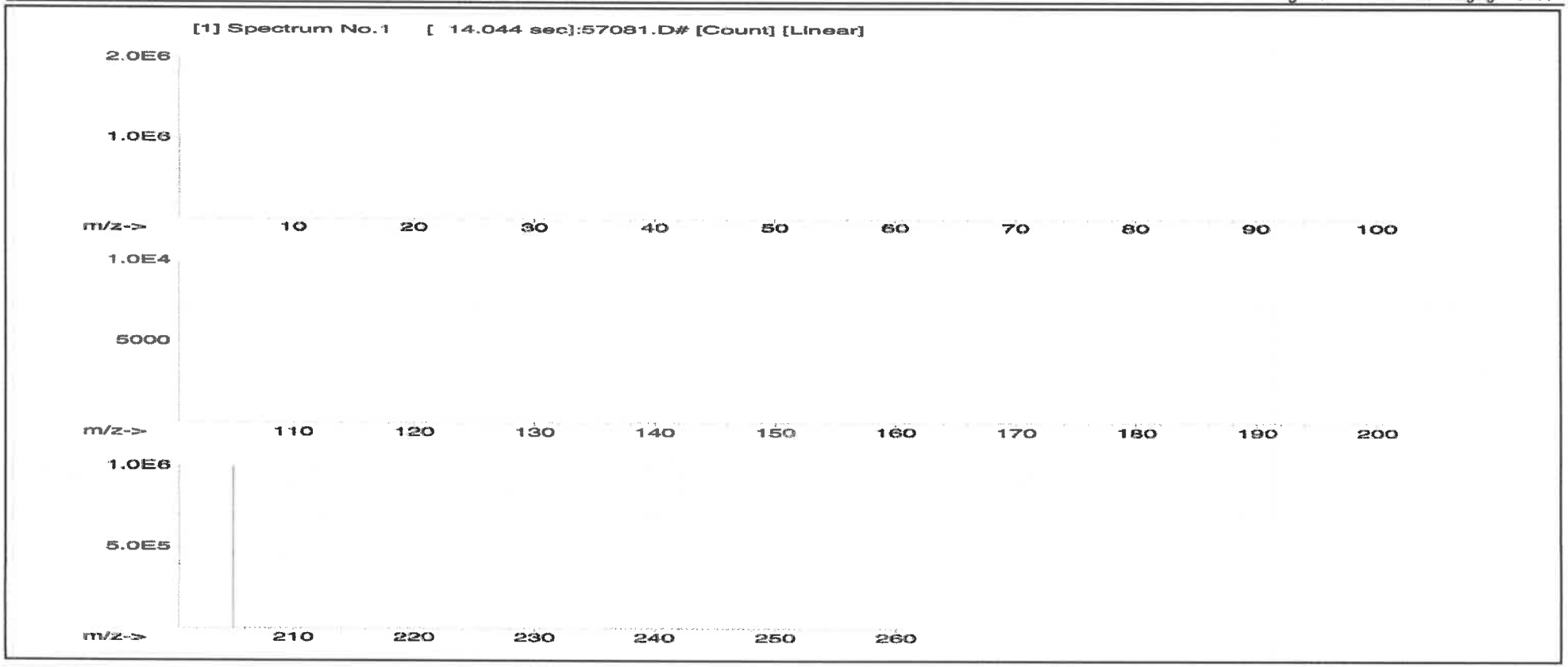
Aleah O'Brady

Formulated By:	Aleah O'Brady	062724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Rc. 8/5/24

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**			
Description:	**Vanadium (V)**	24002546	Nitric Acid	
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

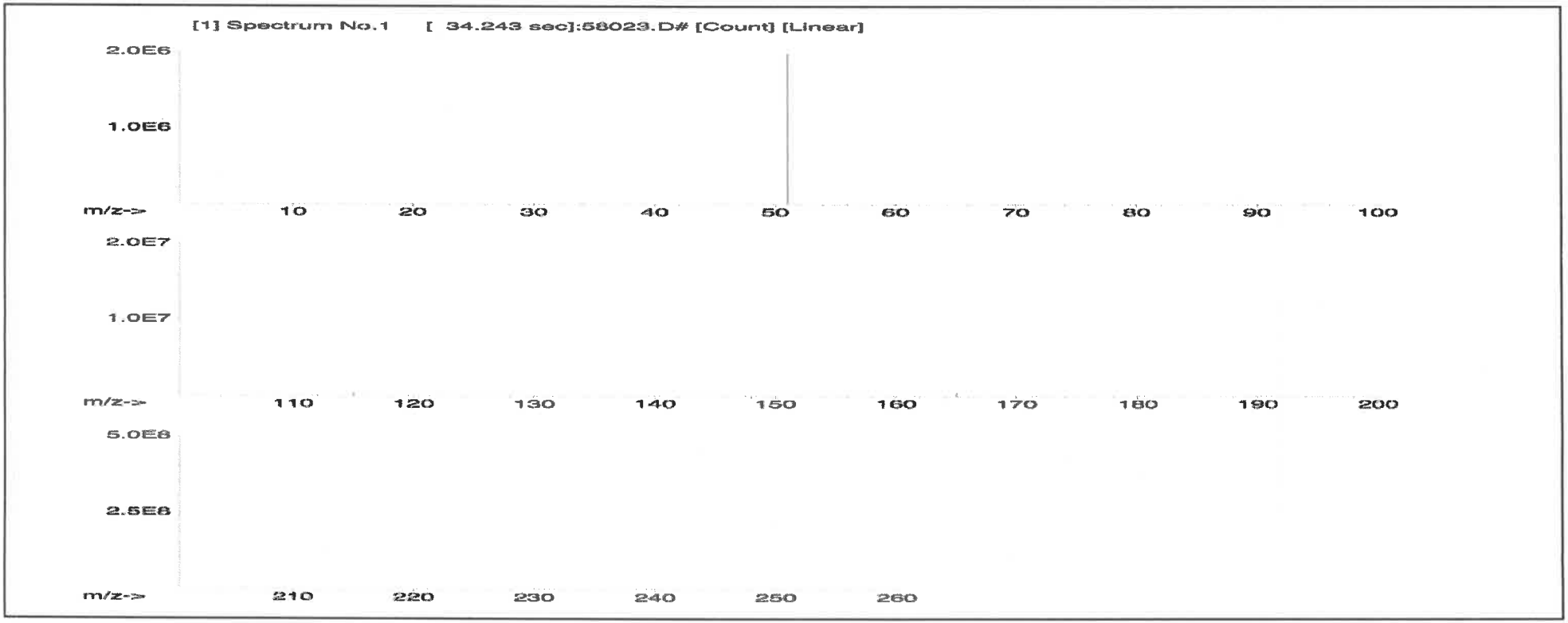
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164088

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYD0W8

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 #5 2. N/A

Start Digest Date: 10/14/2024 **Time :** 11:00 **Temp :** 97 °C

End Digest Date: 10/14/2024 **Time :** 14:00 **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	M6083
30% H2O2	3.00ml	M5634
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #5 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
10/14/24 14:10	jgp/Met dig	
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164088

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4296-01	MYD0W8	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	1
P4296-02	MYD0W9	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	2
P4296-03	MYD0X0	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	3
P4296-04	MYD0Y2	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	4
P4296-05	MYD0Y3	N/A	1.05	500	Brown	Yellow	Medium	N/A	N/A	5
P4296-06	MYD0Y4	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	6
P4296-07	MYD0Y5 JSP 10/14/24	N/A	1.22	500	Brown	Yellow	Medium	N/A	N/A	7
P4296-07MS	MYD0Y5MS RE 10/14/24	N/A	1.37	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	8
~~P4296-07MSD~~	~~MYD0Y5MSD~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	N/A
P4296-08	MYD0Y5D JSP	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	9
P4296-09	MYD0Y5S	N/A	1.27	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	10
P4296-10	MYD0Y9	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	11
P4296-11	MYD0Z0	N/A	1.09	500	Brown	Yellow	Medium	N/A	N/A	12
P4296-12	MYD0Z1	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	13
P4296-13	MYDA43	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	14
P4296-14	MYDA44	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	15
P4296-15	MYDA45	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	16
P4296-16	MYDA46	N/A	1.17	500	Brown	Yellow	Medium	N/A	N/A	17
P4296-17	MYDA47	N/A	1.06	500	Brown	Yellow	Medium	N/A	N/A	18
P4296-18	MYDA48	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	19
P4296-19	MYDA49	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	20
P4296-20	MYDA50	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	21
P4296-21	MYDA51	N/A	1.12	500	Brown	Yellow	Medium	N/A	N/A	22
P4296-22	MYDA52	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	23
PB164088BL	PBS088	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB164088BS	LCS088	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	25
PB164088BSD	LCSD088	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	26

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133117

Review By	Sarabjit Jaswal	Review On	10/25/2024 6:26:24 AM
Supervise By	Mohan Bera	Supervise On	10/25/2024 6:28:50 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	TUNE003	TUNE	10/24/24 11:46		Jaswal	OK
2	S00	S0	CAL1	10/24/24 12:20		Jaswal	OK
3	S02	S02	CAL3	10/24/24 12:24		Jaswal	OK
4	S03	S03	CAL4	10/24/24 12:27		Jaswal	OK
5	S04	S04	CAL5	10/24/24 12:30		Jaswal	OK
6	S05	S05	CAL6	10/24/24 12:33		Jaswal	OK
7	S06	S06	CAL7	10/24/24 12:36		Jaswal	OK
8	S07	S07	CAL8	10/24/24 12:38		Jaswal	OK
9	S08	S08	CAL9	10/24/24 12:41		Jaswal	OK
10	ICV003	ICV003	ICV	10/24/24 12:56	Inst. paused for calibration review	Jaswal	OK
11	ICB003	ICB003	ICB	10/24/24 12:59		Jaswal	OK
12	ICSA003	ICSA003	ICSA	10/24/24 13:03		Jaswal	OK
13	ICSAB003	ICSAB003	ICSAB	10/24/24 13:06		Jaswal	OK
14	CCV007	CCV007	CCV	10/24/24 13:12	Inst. paused for review	Jaswal	OK
15	CCB007	CCB007	CCB	10/24/24 13:15		Jaswal	OK
16	P4293-07DL	MYDA05	SAM	10/24/24 13:18	4X For Ba,Co,Ni,V	Jaswal	Confirms
17	P4293-08DL	MYDA05D	DUP	10/24/24 13:22	4X For Ba,Co,Ni,V	Jaswal	Confirms
18	P4293-07LDL	MYDA05L	SD	10/24/24 13:25	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 # LB133117

Review By	Sarabjit Jaswal	Review On	10/25/2024 6:26:24 AM
Supervise By	Mohan Bera	Supervise On	10/25/2024 6:28:50 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

19	P4293-09DL	MYDA05S	MS	10/24/24 13:28	4X For Ba,Co,Ni,V	Jaswal	Confirms
20	P4293-07MSDL	MYDA05SRE	MS	10/24/24 13:31	4X For Ba,Co,Ni,V	Jaswal	Confirms
21	P4294-20DL	MYDA42	SAM	10/24/24 13:34	4X For Ba,Co,Ni,V	Jaswal	Confirms
22	P4294-21DL	MYDA42D	DUP	10/24/24 13:38	4X For Ba,Co,Ni,V	Jaswal	Confirms
23	P4294-20LDL	MYDA42L	SD	10/24/24 13:41	20X For Ba,Co,Ni,V	Jaswal	Confirms
24	P4294-22DL	MYDA42S	MS	10/24/24 13:44	4X For Ba,Co,Ni,V	Jaswal	Confirms
25	P4294-20MSDL	MYDA42SRE	MS	10/24/24 13:47	4X For Ba,Co,Ni,V	Jaswal	Confirms
26	P4295-06DL	MYD0Z7	SAM	10/24/24 13:50	4X For Ba,Co,Ni,V	Jaswal	Confirms
27	P4295-07DL	MYD0Z7D	DUP	10/24/24 13:53	4X For Ba,Co,Ni,V	Jaswal	Confirms
28	P4295-06LDL	MYD0Z7L	SD	10/24/24 13:56	20X For Ba,Co,Ni,V	Jaswal	Confirms
29	P4295-08DL	MYD0Z7S	MS	10/24/24 14:00	4X For Ba,Co,Ni,V	Jaswal	Confirms
30	P4295-06MSDL	MYD0Z7SRE	MS	10/24/24 14:03	4X For Ba,Co,Ni,V	Jaswal	Confirms
31	P4295-06A	MYD0Z7A	PS	10/24/24 14:06	PS for Pb - 0.0142 ml - MP82593- -10 ml Sample	Jaswal	OK
32	CCV008	CCV008	CCV	10/24/24 14:09		Jaswal	OK
33	CCB008	CCB008	CCB	10/24/24 14:12		Jaswal	OK
34	P4295-13	MYD102	SAM	10/24/24 14:15		Jaswal	OK
35	P4295-14	MYD103	SAM	10/24/24 14:18		Jaswal	OK
36	P4295-15	MYD104	SAM	10/24/24 14:21		Jaswal	OK
37	P4295-16	MYD105	SAM	10/24/24 14:24		Jaswal	OK

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Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133117

Review By	Sarabjit Jaswal	Review On	10/25/2024 6:26:24 AM
Supervise By	Mohan Bera	Supervise On	10/25/2024 6:28:50 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

38	P4295-17	MYDA38	SAM	10/24/24 14:27		Jaswal	OK
39	P4295-18	MYDA39	SAM	10/24/24 14:31		Jaswal	OK
40	P4295-19	MYDA40	SAM	10/24/24 14:34		Jaswal	OK
41	P4295-20	MYDA41	SAM	10/24/24 14:37		Jaswal	OK
42	P4295-21	MYDBB3	SAM	10/24/24 14:40		Jaswal	OK
43	PB164085BL	PBS085	MB	10/24/24 14:43		Jaswal	OK
44	PB164085BS	LCS085	LCS	10/24/24 14:46		Jaswal	OK
45	PB164085BSD	LCSD085	LCSD	10/24/24 14:50		Jaswal	OK
46	PB164090BL	PBS090	MB	10/24/24 14:53		Jaswal	OK
47	PB164090BS	LCS090	LCS	10/24/24 14:56		Jaswal	OK
48	PB164090BSD	LCSD090	LCSD	10/24/24 14:59		Jaswal	OK
49	P4296-01	MYD0W8	SAM	10/24/24 15:03		Jaswal	OK
50	P4296-02	MYD0W9	SAM	10/24/24 15:06		Jaswal	OK
51	P4296-03	MYD0X0	SAM	10/24/24 15:09		Jaswal	OK
52	P4296-04	MYD0Y2	SAM	10/24/24 15:12		Jaswal	OK
53	P4296-05	MYD0Y3	SAM	10/24/24 15:15	Wrong Sample	Jaswal	Not Ok
54	P4296-06	MYD0Y4	SAM	10/24/24 15:18		Jaswal	OK
55	P4296-07	MYD0Y5	SAM	10/24/24 15:22	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
56	P4296-08	MYD0Y5D	DUP	10/24/24 15:25	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
57	P4296-07L	MYD0Y5L	SD	10/24/24 15:28	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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Supervise By	Mohan Bera	Supervise On	10/25/2024 6:28:50 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

58	P4296-09	MYD0Y5S	MS	10/24/24 15:31	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
59	P4296-07MS	MYD0Y5SRE	MS	10/24/24 15:34	MS Fail For As(220.75ppb),Cu(3015.15 ppb),Zn(187.38ppb),Ag(Bel ow RL),Ba,Co,Ni,V High	Jaswal	Dilution
60	CCV009	CCV009	CCV	10/24/24 15:41		Jaswal	OK
61	CCB009	CCB009	CCB	10/24/24 15:44		Jaswal	OK
62	P4296-10	MYD0Y9	SAM	10/24/24 15:47		Jaswal	OK
63	P4296-11	MYD0Z0	SAM	10/24/24 15:50		Jaswal	OK
64	P4296-12	MYD0Z1	SAM	10/24/24 15:53		Jaswal	OK
65	P4296-13	MYDA43	SAM	10/24/24 15:56		Jaswal	OK
66	P4296-14	MYDA44	SAM	10/24/24 15:59		Jaswal	OK
67	P4296-15	MYDA45	SAM	10/24/24 16:02		Jaswal	OK
68	P4296-16	MYDA46	SAM	10/24/24 16:06		Jaswal	OK
69	P4296-17	MYDA47	SAM	10/24/24 16:09		Jaswal	OK
70	P4296-18	MYDA48	SAM	10/24/24 16:12		Jaswal	OK
71	P4296-19	MYDA49	SAM	10/24/24 16:15		Jaswal	OK
72	P4296-20	MYDA50	SAM	10/24/24 16:18		Jaswal	OK
73	P4296-21	MYDA51	SAM	10/24/24 16:21		Jaswal	OK
74	P4296-22	MYDA52	SAM	10/24/24 16:24		Jaswal	OK
75	PB164128BL	PBS128	MB	10/24/24 16:27		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/25/2024 6:28:50 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

76	PB164128BS	LCS128	LCS	10/24/24 16:31		Jaswal	OK
77	PB164128BSD	LCSD128	LCSD	10/24/24 16:34		Jaswal	OK
78	P4297-01	MYDA53	SAM	10/24/24 16:37		Jaswal	OK
79	P4297-02	MYDA54	SAM	10/24/24 16:40		Jaswal	OK
80	P4297-03	MYDA55	SAM	10/24/24 16:43		Jaswal	OK
81	P4297-04	MYDA56	SAM	10/24/24 16:47		Jaswal	OK
82	P4297-05	MYDA57	SAM	10/24/24 16:50		Jaswal	OK
83	P4297-06	MYDA58	SAM	10/24/24 16:53		Jaswal	OK
84	P4297-07	MYDA59	SAM	10/24/24 16:56		Jaswal	OK
85	P4297-08	MYDA60	SAM	10/24/24 16:59		Jaswal	OK
86	P4297-09	MYDA61	SAM	10/24/24 17:02		Jaswal	OK
87	P4297-10	MYDA62	SAM	10/24/24 17:05		Jaswal	OK
88	CCV010	CCV010	CCV	10/24/24 17:14		Jaswal	OK
89	CCB010	CCB010	CCB	10/24/24 17:17		Jaswal	OK
90	P4297-11	MYDA63	SAM	10/24/24 17:20		Jaswal	OK
91	P4297-12	MYDA64	SAM	10/24/24 17:24		Jaswal	OK
92	P4297-13	MYDA65	SAM	10/24/24 17:27		Jaswal	OK
93	P4297-14	MYDA66	SAM	10/24/24 17:30	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
94	P4297-15	MYDA66D	DUP	10/24/24 17:33	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
95	P4297-14L	MYDA66L	SD	10/24/24 17:36	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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Supervise By	Mohan Bera	Supervise On	10/25/2024 6:28:50 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

96	P4297-16	MYDA66S	MS	10/24/24 17:39	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
97	P4297-14MS	MYDA66SRE	MS	10/24/24 17:42	MS Fail For Ag(Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
98	P4297-17	MYDA67	SAM	10/24/24 17:45		Jaswal	OK
99	P4297-18	MYDA68	SAM	10/24/24 17:48		Jaswal	OK
100	P4297-19	MYDA69	SAM	10/24/24 17:52		Jaswal	OK
101	P4297-20	MYDA70	SAM	10/24/24 17:55		Jaswal	OK
102	P4297-21	MYDA71	SAM	10/24/24 17:58		Jaswal	OK
103	P4297-22	MYDA72	SAM	10/24/24 18:01		Jaswal	OK
104	P4296-07DL	MYD0Y5	SAM	10/24/24 18:04	4X For Ba,Co,Ni,V	Jaswal	Confirms
105	P4296-08DL	MYD0Y5D	DUP	10/24/24 18:07	4X For Ba,Co,Ni,V	Jaswal	Confirms
106	P4296-07LDL	MYD0Y5L	SD	10/24/24 18:10	20X For Ba,Co,Ni,V	Jaswal	Confirms
107	P4296-09DL	MYD0Y5S	MS	10/24/24 18:14	4X For Ba,Co,Ni,V	Jaswal	Confirms
108	P4296-07MSDL	MYD0Y5SRE	MS	10/24/24 18:17	4X For Ba,Co,Ni,V	Jaswal	Confirms
109	P4297-14DL	MYDA66	SAM	10/24/24 18:20	4X For Ba,Co,Ni,V	Jaswal	Confirms
110	P4297-15DL	MYDA66D	DUP	10/24/24 18:23	4X For Ba,Co,Ni,V	Jaswal	Confirms
111	P4297-14LDL	MYDA66L	SD	10/24/24 18:26	20X For Ba,Co,Ni,V	Jaswal	Confirms
112	P4297-16DL	MYDA66S	MS	10/24/24 18:30	4X For Ba,Co,Ni,V	Jaswal	Confirms
113	CCV011	CCV011	CCV	10/24/24 18:49		Jaswal	OK
114	CCB011	CCB011	CCB	10/24/24 18:52		Jaswal	OK

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Review By	Sarabjit Jaswal	Review On	10/25/2024 6:26:24 AM
Supervise By	Mohan Bera	Supervise On	10/25/2024 6:28:50 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

115	P4297-14MSDL	MYDA66SRE	MS	10/24/24 18:55	4X For Ba,Co,Ni,V	Jaswal	Confirms
116	PB164126BL	PBS126	MB	10/24/24 19:02		Jaswal	OK
117	PB164126BS	LCS126	LCS	10/24/24 19:06		Jaswal	OK
118	PB164126BSD	LCSD126	LCSD	10/24/24 19:09		Jaswal	OK
119	P4298-01	MYDA73	SAM	10/24/24 19:12		Jaswal	OK
120	P4298-02	MYDA74	SAM	10/24/24 19:16		Jaswal	OK
121	P4298-03	MYDA75	SAM	10/24/24 19:19		Jaswal	OK
122	P4298-04	MYDA76	SAM	10/24/24 19:22		Jaswal	OK
123	P4298-05	MYDA77	SAM	10/24/24 19:25		Jaswal	OK
124	P4298-06	MYDA78	SAM	10/24/24 19:28		Jaswal	OK
125	P4298-07	MYDA79	SAM	10/24/24 19:31		Jaswal	OK
126	P4298-08	MYDA80	SAM	10/24/24 19:34		Jaswal	OK
127	P4298-09	MYDA81	SAM	10/24/24 19:37		Jaswal	OK
128	P4298-10	MYDA82	SAM	10/24/24 19:40		Jaswal	OK
129	P4298-11	MYDA83	SAM	10/24/24 19:43		Jaswal	OK
130	P4298-12	MYDA84	SAM	10/24/24 19:47		Jaswal	OK
131	P4298-13	MYDA85	SAM	10/24/24 19:50		Jaswal	OK
132	P4298-14	MYDA86	SAM	10/24/24 19:53		Jaswal	OK
133	P4298-15	MYDA87	SAM	10/24/24 19:56		Jaswal	OK
134	P4298-16	MYDA88	SAM	10/24/24 19:59	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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Supervise By	Mohan Bera	Supervise On	10/25/2024 6:28:50 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

135	P4298-17	MYDA88D	DUP	10/24/24 20:02	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
136	P4298-16L	MYDA88L	SD	10/24/24 20:05	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
137	P4298-18	MYDA88S	MS	10/24/24 20:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
138	P4298-16MS	MYDA88SRE	MS	10/24/24 20:12	MS Fail For As(356.29ppb),Ag(Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
139	P4298-19	MYDA89	SAM	10/24/24 20:15		Jaswal	OK
140	CCV012	CCV012	CCV	10/24/24 20:18		Jaswal	OK
141	CCB012	CCB012	CCB	10/24/24 20:20		Jaswal	OK
142	P4298-20	MYDA90	SAM	10/24/24 20:24		Jaswal	OK
143	P4298-21	MYDA91	SAM	10/24/24 20:27		Jaswal	OK
144	P4298-22	MYDA92	SAM	10/24/24 20:30		Jaswal	OK
145	P4299-01	MYDA93	SAM	10/24/24 20:33		Jaswal	OK
146	P4299-02	MYDA94	SAM	10/24/24 20:36		Jaswal	OK
147	P4299-03	MYDA95	SAM	10/24/24 20:39		Jaswal	OK
148	P4299-04	MYDA96	SAM	10/24/24 20:42		Jaswal	OK
149	P4299-05	MYDA97	SAM	10/24/24 20:45		Jaswal	OK
150	P4299-06	MYDA98	SAM	10/24/24 20:48		Jaswal	OK
151	P4299-07	MYDA99	SAM	10/24/24 20:52		Jaswal	OK
152	P4299-08	MYDAA0	SAM	10/24/24 20:55		Jaswal	OK
153	P4299-09	MYDAA1	SAM	10/24/24 20:58		Jaswal	OK

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STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

154	P4299-10	MYDAA2	SAM	10/24/24 21:01		Jaswal	OK
155	P4299-11	MYDAA3	SAM	10/24/24 21:04		Jaswal	OK
156	P4299-12	MYDAA4	SAM	10/24/24 21:07		Jaswal	OK
157	P4299-13	MYDAA5	SAM	10/24/24 21:10		Jaswal	OK
158	P4299-14	MYDAA6	SAM	10/24/24 21:13		Jaswal	OK
159	P4299-15	MYDAA7	SAM	10/24/24 21:16		Jaswal	OK
160	P4299-16	MYDAA8	SAM	10/24/24 21:19		Jaswal	OK
161	P4299-17	MYDAA9	SAM	10/24/24 21:22		Jaswal	OK
162	P4299-18	MYDAB0	SAM	10/24/24 21:26		Jaswal	OK
163	P4299-19	MYDAB1	SAM	10/24/24 21:29	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
164	P4299-20	MYDAB1D	DUP	10/24/24 21:32	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
165	P4299-19L	MYDAB1L	SD	10/24/24 21:35	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
166	P4299-21	MYDAB1S	MS	10/24/24 21:38	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
167	P4299-19MS	MYDAB1SRE	MS	10/24/24 21:41	MS Fail For As(146.42ppb),Ag(Below RL),Ba,Co,Ni,V High	Jaswal	Dilution
168	P4299-22	MYDAB2	SAM	10/24/24 21:44		Jaswal	OK
169	CCV013	CCV013	CCV	10/24/24 21:47		Jaswal	OK
170	CCB013	CCB013	CCB	10/24/24 21:51		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133137

Review By	Sarabjit Jaswal	Review On	10/25/2024 5:57:56 PM
Supervise By	Mohan Bera	Supervise On	10/25/2024 5:58:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE005	TUNE	10/25/24 13:54		Jaswal	OK
2	S00	S0	CAL1	10/25/24 14:34		Jaswal	OK
3	S02	S02	CAL3	10/25/24 14:37		Jaswal	OK
4	S03	S03	CAL4	10/25/24 14:40		Jaswal	OK
5	S04	S04	CAL5	10/25/24 14:43		Jaswal	OK
6	S05	S05	CAL6	10/25/24 14:46		Jaswal	OK
7	S06	S06	CAL7	10/25/24 14:49		Jaswal	OK
8	S07	S07	CAL8	10/25/24 14:52		Jaswal	OK
9	S08	S08	CAL9	10/25/24 14:54		Jaswal	OK
10	ICV005	ICV005	ICV	10/25/24 15:00	Inst. paused for Calibration review	Jaswal	OK
11	ICB005	ICB005	ICB	10/25/24 15:03		Jaswal	OK
12	ICSA005	ICSA005	ICSA	10/25/24 15:14	Inst. paused for review	Jaswal	OK
13	ICSAB005	ICSAB005	ICSAB	10/25/24 15:17		Jaswal	OK
14	CCV019	CCV019	CCV	10/25/24 15:27	Inst. paused for review	Jaswal	OK
15	CCB019	CCB019	CCB	10/25/24 15:33	Inst. paused for review	Jaswal	OK
16	PB164088BL	PBS088	MB	10/25/24 16:22		Jaswal	OK
17	PB164088BS	LCS088	LCS	10/25/24 16:26		Jaswal	OK
18	PB164088BSD	LCSD088	LCSD	10/25/24 16:29		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/25/2024 5:58:38 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	
Chk Standard	MP82587,MP82586

19	P4296-05	MYD0Y3	SAM	10/25/24 16:42		Jaswal	OK
20	P4296-07A	MYD0Y5ARE	PS	10/25/24 16:45	PS for As - 0.0044 - M5801,Cu - 0.006 M5751 ,Zn - 0.0037 - M5819,Ag - 0.02 - MP82908 - 10 ml Sample	Jaswal	OK
21	P4301-09A	MYDAC1ARE	PS	10/25/24 16:48	PS For Ag - 0.002 ml - MP82908-10 ml Sample	Jaswal	OK
22	P4302-09A	MYDAE1ARE	PS	10/25/24 16:53	PS For Ag - 0.002 ml - MP82908-10 ml Sample	Jaswal	OK
23	CCV020	CCV020	CCV	10/25/24 17:03		Jaswal	OK
24	CCB020	CCB020	CCB	10/25/24 17:08		Jaswal	OK