EPA SAMPLE NO.

MYDAD3

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-01

% 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	0.32	J	10/25/2024	0534
7440-38-2	Arsenic	26		10/25/2024	0534
7440-39-3	Barium	46	*	10/25/2024	0534
7440-41-7	Beryllium	0.22	J	10/25/2024	0534
7440-43-9	Cadmium	0.16	J	10/25/2024	0534
7440-47-3	Chromium	39		10/25/2024	0534
7440-48-4	Cobalt	16	*	10/25/2024	0534
7440-50-8	Copper	45		10/25/2024	0534
7439-92-1	Lead	4.5		10/25/2024	0534
7440-02-0	Nickel	30	*	10/25/2024	0534
7782-49-2	Selenium	0.34	J	10/25/2024	0534
7440-22-4	Silver	0.048	J*	10/25/2024	0534
7440-28-0	Thallium	0.045	J	10/25/2024	0534
7440-62-2	Vanadium	64	*	10/25/2024	0534
7440-66-6	Zinc	48		10/25/2024	0534

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

Comments:

EPA SAMPLE NO.

MYDAD4

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-02

% 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	0.62	J	10/25/2024	0537
7440-38-2	Arsenic	32		10/25/2024	0537
7440-39-3	Barium	110	*	10/25/2024	0537
7440-41-7	Beryllium	0.70		10/25/2024	0537
7440-43-9	Cadmium	0.44		10/25/2024	0537
7440-47-3	Chromium	19		10/25/2024	0537
7440-48-4	Cobalt	14	*	10/25/2024	0537
7440-50-8	Copper	38		10/25/2024	0537
7439-92-1	Lead	24		10/25/2024	0537
7440-02-0	Nickel	15	*	10/25/2024	0537
7782-49-2	Selenium	0.52	J	10/25/2024	0537
7440-22-4	Silver	0.16	J*	10/25/2024	0537
7440-28-0	Thallium	0.12	J	10/25/2024	0537
7440-62-2	Vanadium	64	*	10/25/2024	0537
7440-66-6	Zinc	110		10/25/2024	0537

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

Comments:

EPA SAMPLE NO.

MYDAD5

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-03

% Solids: 97.7 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.39	J	10/25/2024	0540
7440-38-2	Arsenic	20		10/25/2024	0540
7440-39-3	Barium	160	*	10/25/2024	0540
7440-41-7	Beryllium	0.74		10/25/2024	0540
7440-43-9	Cadmium	0.22	J	10/25/2024	0540
7440-47-3	Chromium	20		10/25/2024	0540
7440-48-4	Cobalt	15	*	10/25/2024	0540
7440-50-8	Copper	33		10/25/2024	0540
7439-92-1	Lead	13		10/25/2024	0540
7440-02-0	Nickel	17	*	10/25/2024	0540
7782-49-2	Selenium	0.33	J	10/25/2024	0540
7440-22-4	Silver	0.058	J*	10/25/2024	0540
7440-28-0	Thallium	0.12	J	10/25/2024	0540
7440-62-2	Vanadium	66	*	10/25/2024	0540
7440-66-6	Zinc	75		10/25/2024	0540

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

Comments:

EPA SAMPLE NO.

MYDAD6

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-04

% 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	1.0		10/25/2024	0544
7440-38-2	Arsenic	57		10/25/2024	0544
7440-39-3	Barium	100	*	10/25/2024	0544
7440-41-7	Beryllium	0.64		10/25/2024	0544
7440-43-9	Cadmium	0.87		10/25/2024	0544
7440-47-3	Chromium	20		10/25/2024	0544
7440-48-4	Cobalt	16	*	10/25/2024	0544
7440-50-8	Copper	47		10/25/2024	0544
7439-92-1	Lead	42		10/25/2024	0544
7440-02-0	Nickel	15	*	10/25/2024	0544
7782-49-2	Selenium	0.71	J	10/25/2024	0544
7440-22-4	Silver	0.24	J*	10/25/2024	0544
7440-28-0	Thallium	0.11	J	10/25/2024	0544
7440-62-2	Vanadium	71	*	10/25/2024	0544
7440-66-6	Zinc	200		10/25/2024	0544

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

Comments:

EPA SAMPLE NO.

MYDAD7

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-05

% Solids: 98.3 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.42	J	10/25/2024	0547
7440-38-2	Arsenic	24		10/25/2024	0547
7440-39-3	Barium	150	*	10/25/2024	0547
7440-41-7	Beryllium	0.74		10/25/2024	0547
7440-43-9	Cadmium	0.25	J	10/25/2024	0547
7440-47-3	Chromium	21		10/25/2024	0547
7440-48-4	Cobalt	14	*	10/25/2024	0547
7440-50-8	Copper	34		10/25/2024	0547
7439-92-1	Lead	15		10/25/2024	0547
7440-02-0	Nickel	18	*	10/25/2024	0547
7782-49-2	Selenium	0.38	J	10/25/2024	0547
7440-22-4	Silver	0.080	J*	10/25/2024	0547
7440-28-0	Thallium	0.098	J	10/25/2024	0547
7440-62-2	Vanadium	60	*	10/25/2024	0547
7440-66-6	Zinc	87		10/25/2024	0547

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

Comments:

EPA SAMPLE NO.

MYDAD8

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-06

% Solids: 98.4 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.52	J	10/25/2024	0550
7440-38-2	Arsenic	33		10/25/2024	0550
7440-39-3	Barium	170	*	10/25/2024	0550
7440-41-7	Beryllium	0.84		10/25/2024	0550
7440-43-9	Cadmium	0.39		10/25/2024	0550
7440-47-3	Chromium	33		10/25/2024	0550
7440-48-4	Cobalt	16	*	10/25/2024	0550
7440-50-8	Copper	42		10/25/2024	0550
7439-92-1	Lead	20		10/25/2024	0550
7440-02-0	Nickel	24	*	10/25/2024	0550
7782-49-2	Selenium	0.51	J	10/25/2024	0550
7440-22-4	Silver	0.12	J*	10/25/2024	0550
7440-28-0	Thallium	0.12	J	10/25/2024	0550
7440-62-2	Vanadium	65	*	10/25/2024	0550
7440-66-6	Zinc	120		10/25/2024	0550

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

Comments:

EPA SAMPLE NO.

MYDAD9

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-07

% Solids: 99.5 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	0.85		10/25/2024	0553
7440-38-2	Arsenic	49		10/25/2024	0553
7440-39-3	Barium	91	*	10/25/2024	0553
7440-41-7	Beryllium	0.56		10/25/2024	0553
7440-43-9	Cadmium	0.67		10/25/2024	0553
7440-47-3	Chromium	19		10/25/2024	0553
7440-48-4	Cobalt	14	*	10/25/2024	0553
7440-50-8	Copper	49		10/25/2024	0553
7439-92-1	Lead	36		10/25/2024	0553
7440-02-0	Nickel	13	*	10/25/2024	0553
7782-49-2	Selenium	0.59	J	10/25/2024	0553
7440-22-4	Silver	0.15	J*	10/25/2024	0553
7440-28-0	Thallium	0.12	J	10/25/2024	0553
7440-62-2	Vanadium	76	*	10/25/2024	0553
7440-66-6	Zinc	150		10/25/2024	0553

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

Comments:

EPA SAMPLE NO.

MYDAE0

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-08

% Solids: 99.2 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.74	J	10/25/2024	0556
7440-38-2	Arsenic	44		10/25/2024	0556
7440-39-3	Barium	120	*	10/25/2024	0556
7440-41-7	Beryllium	0.66		10/25/2024	0556
7440-43-9	Cadmium	0.54		10/25/2024	0556
7440-47-3	Chromium	17		10/25/2024	0556
7440-48-4	Cobalt	14	*	10/25/2024	0556
7440-50-8	Copper	38		10/25/2024	0556
7439-92-1	Lead	31		10/25/2024	0556
7440-02-0	Nickel	15	*	10/25/2024	0556
7782-49-2	Selenium	0.51	J	10/25/2024	0556
7440-22-4	Silver	0.16	J*	10/25/2024	0556
7440-28-0	Thallium	0.093	J	10/25/2024	0556
7440-62-2	Vanadium	62	*	10/25/2024	0556
7440-66-6	Zinc	150		10/25/2024	0556

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

Comments:

EPA SAMPLE NO.

MYDAE1

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-09

% 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	0.54	J	10/25/2024	0600
7440-38-2	Arsenic	39		10/25/2024	0600
7440-39-3	Barium	130	D*	10/25/2024	0722
7440-41-7	Beryllium	0.65		10/25/2024	0600
7440-43-9	Cadmium	0.42		10/25/2024	0600
7440-47-3	Chromium	18		10/25/2024	0600
7440-48-4	Cobalt	15	D*	10/25/2024	0722
7440-50-8	Copper	35		10/25/2024	0600
7439-92-1	Lead	27		10/25/2024	0600
7440-02-0	Nickel	15	D*	10/25/2024	0722
7782-49-2	Selenium	0.39	J	10/25/2024	0600
7440-22-4	Silver	0.15	J*	10/25/2024	0600
7440-28-0	Thallium	0.10	J	10/25/2024	0600
7440-62-2	Vanadium	68	D*	10/25/2024	0722
7440-66-6	Zinc	120		10/25/2024	0600

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

Comments:

EPA SAMPLE NO.

MYDAE2

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-12

% Solids: 97.9 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	0.61	J	10/25/2024	0615
7440-38-2	Arsenic	32		10/25/2024	0615
7440-39-3	Barium	140	*	10/25/2024	0615
7440-41-7	Beryllium	0.73		10/25/2024	0615
7440-43-9	Cadmium	0.39	J	10/25/2024	0615
7440-47-3	Chromium	20		10/25/2024	0615
7440-48-4	Cobalt	14	*	10/25/2024	0615
7440-50-8	Copper	38		10/25/2024	0615
7439-92-1	Lead	22		10/25/2024	0615
7440-02-0	Nickel	17	*	10/25/2024	0615
7782-49-2	Selenium	0.46	J	10/25/2024	0615
7440-22-4	Silver	0.12	J*	10/25/2024	0615
7440-28-0	Thallium	0.11	J	10/25/2024	0615
7440-62-2	Vanadium	68	*	10/25/2024	0615
7440-66-6	Zinc	110		10/25/2024	0615

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

Comments:

EPA SAMPLE NO.

MYDAE3

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-13

% 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	0.32	J	10/25/2024	0619
7440-38-2	Arsenic	15		10/25/2024	0619
7440-39-3	Barium	97	*	10/25/2024	0619
7440-41-7	Beryllium	0.51		10/25/2024	0619
7440-43-9	Cadmium	0.18	J	10/25/2024	0619
7440-47-3	Chromium	18		10/25/2024	0619
7440-48-4	Cobalt	13	*	10/25/2024	0619
7440-50-8	Copper	27		10/25/2024	0619
7439-92-1	Lead	11		10/25/2024	0619
7440-02-0	Nickel	16	*	10/25/2024	0619
7782-49-2	Selenium	0.22	J	10/25/2024	0619
7440-22-4	Silver	0.051	J*	10/25/2024	0619
7440-28-0	Thallium	0.075	J	10/25/2024	0619
7440-62-2	Vanadium	47	*	10/25/2024	0619
7440-66-6	Zinc	60		10/25/2024	0619

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

Comments:

EPA SAMPLE NO.

MYDAE4

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-14

% Solids: 98.1 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	0.38	J	10/25/2024	0622
7440-38-2	Arsenic	31		10/25/2024	0622
7440-39-3	Barium	150	*	10/25/2024	0622
7440-41-7	Beryllium	0.76		10/25/2024	0622
7440-43-9	Cadmium	0.35	J	10/25/2024	0622
7440-47-3	Chromium	21		10/25/2024	0622
7440-48-4	Cobalt	15	*	10/25/2024	0622
7440-50-8	Copper	37		10/25/2024	0622
7439-92-1	Lead	19		10/25/2024	0622
7440-02-0	Nickel	18	*	10/25/2024	0622
7782-49-2	Selenium	0.29	J	10/25/2024	0622
7440-22-4	Silver	0.091	J*	10/25/2024	0622
7440-28-0	Thallium	0.099	J	10/25/2024	0622
7440-62-2	Vanadium	68	*	10/25/2024	0622
7440-66-6	Zinc	110		10/25/2024	0622

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

Comments:

EPA SAMPLE NO.

MYDAE5

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-15

% Solids: 99.6 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	1.4		10/25/2024	0625
7440-38-2	Arsenic	110		10/25/2024	0625
7440-39-3	Barium	72	*	10/25/2024	0625
7440-41-7	Beryllium	0.56		10/25/2024	0625
7440-43-9	Cadmium	0.81		10/25/2024	0625
7440-47-3	Chromium	19		10/25/2024	0625
7440-48-4	Cobalt	14	*	10/25/2024	0625
7440-50-8	Copper	47		10/25/2024	0625
7439-92-1	Lead	69		10/25/2024	0625
7440-02-0	Nickel	13	*	10/25/2024	0625
7782-49-2	Selenium	0.66	J	10/25/2024	0625
7440-22-4	Silver	0.34	J*	10/25/2024	0625
7440-28-0	Thallium	0.11	J	10/25/2024	0625
7440-62-2	Vanadium	78	*	10/25/2024	0625
7440-66-6	Zinc	220		10/25/2024	0625

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

Comments:

EPA SAMPLE NO.

MYDAE6

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-16

% 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	0.53	J	10/25/2024	0628
7440-38-2	Arsenic	35		10/25/2024	0628
7440-39-3	Barium	120	*	10/25/2024	0628
7440-41-7	Beryllium	0.56		10/25/2024	0628
7440-43-9	Cadmium	0.44		10/25/2024	0628
7440-47-3	Chromium	15		10/25/2024	0628
7440-48-4	Cobalt	13	*	10/25/2024	0628
7440-50-8	Copper	35		10/25/2024	0628
7439-92-1	Lead	25		10/25/2024	0628
7440-02-0	Nickel	14	*	10/25/2024	0628
7782-49-2	Selenium	0.43	J	10/25/2024	0628
7440-22-4	Silver	0.15	J*	10/25/2024	0628
7440-28-0	Thallium	0.098	J	10/25/2024	0628
7440-62-2	Vanadium	52	*	10/25/2024	0628
7440-66-6	Zinc	130		10/25/2024	0628

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

Comments:

EPA SAMPLE NO.

MYDAE8

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-17

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.36	J	10/25/2024	0632
7440-38-2	Arsenic	27		10/25/2024	0632
7440-39-3	Barium	150	*	10/25/2024	0632
7440-41-7	Beryllium	0.74		10/25/2024	0632
7440-43-9	Cadmium	0.33	J	10/25/2024	0632
7440-47-3	Chromium	30		10/25/2024	0632
7440-48-4	Cobalt	16	*	10/25/2024	0632
7440-50-8	Copper	38		10/25/2024	0632
7439-92-1	Lead	19		10/25/2024	0632
7440-02-0	Nickel	24	*	10/25/2024	0632
7782-49-2	Selenium	0.45	J	10/25/2024	0632
7440-22-4	Silver	0.11	J*	10/25/2024	0632
7440-28-0	Thallium	0.10	J	10/25/2024	0632
7440-62-2	Vanadium	56	*	10/25/2024	0632
7440-66-6	Zinc	100		10/25/2024	0632

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

Comments:

EPA SAMPLE NO.

MYDAE9

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-18

% Solids: 99.4 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.50	J	10/25/2024	0635
7440-38-2	Arsenic	20		10/25/2024	0635
7440-39-3	Barium	80	*	10/25/2024	0635
7440-41-7	Beryllium	0.49		10/25/2024	0635
7440-43-9	Cadmium	0.15	J	10/25/2024	0635
7440-47-3	Chromium	17		10/25/2024	0635
7440-48-4	Cobalt	16	*	10/25/2024	0635
7440-50-8	Copper	27		10/25/2024	0635
7439-92-1	Lead	9.3		10/25/2024	0635
7440-02-0	Nickel	14	*	10/25/2024	0635
7782-49-2	Selenium	0.37	J	10/25/2024	0635
7440-22-4	Silver	0.36	U*	10/25/2024	0635
7440-28-0	Thallium	0.054	J	10/25/2024	0635
7440-62-2	Vanadium	71	*	10/25/2024	0635
7440-66-6	Zinc	53		10/25/2024	0635

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

Comments:

EPA SAMPLE NO.

MYDAF0

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-19

% Solids: 98.2 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.51	J	10/25/2024	0638
7440-38-2	Arsenic	25		10/25/2024	0638
7440-39-3	Barium	100	*	10/25/2024	0638
7440-41-7	Beryllium	0.61		10/25/2024	0638
7440-43-9	Cadmium	0.26	J	10/25/2024	0638
7440-47-3	Chromium	22		10/25/2024	0638
7440-48-4	Cobalt	15	*	10/25/2024	0638
7440-50-8	Copper	31		10/25/2024	0638
7439-92-1	Lead	17		10/25/2024	0638
7440-02-0	Nickel	18	*	10/25/2024	0638
7782-49-2	Selenium	0.37	J	10/25/2024	0638
7440-22-4	Silver	0.065	J*	10/25/2024	0638
7440-28-0	Thallium	0.080	J	10/25/2024	0638
7440-62-2	Vanadium	72	*	10/25/2024	0638
7440-66-6	Zinc	85		10/25/2024	0638

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

Comments:

EPA SAMPLE NO.

MYDAF1

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-20

% Solids: 98.2 Date Received: 10/04/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.33	J	10/25/2024	0641
7440-38-2	Arsenic	26		10/25/2024	0641
7440-39-3	Barium	140	*	10/25/2024	0641
7440-41-7	Beryllium	0.69		10/25/2024	0641
7440-43-9	Cadmium	0.36	J	10/25/2024	0641
7440-47-3	Chromium	21		10/25/2024	0641
7440-48-4	Cobalt	15	*	10/25/2024	0641
7440-50-8	Copper	37		10/25/2024	0641
7439-92-1	Lead	19		10/25/2024	0641
7440-02-0	Nickel	19	*	10/25/2024	0641
7782-49-2	Selenium	0.29	J	10/25/2024	0641
7440-22-4	Silver	0.11	J*	10/25/2024	0641
7440-28-0	Thallium	0.11	J	10/25/2024	0641
7440-62-2	Vanadium	53	*	10/25/2024	0641
7440-66-6	Zinc	110		10/25/2024	0641

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

Comments:

EPA SAMPLE NO.

MYDAF2

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-21

% 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	0.42	J	10/25/2024	0659
7440-38-2	Arsenic	31		10/25/2024	0659
7440-39-3	Barium	150	*	10/25/2024	0659
7440-41-7	Beryllium	0.74		10/25/2024	0659
7440-43-9	Cadmium	0.44		10/25/2024	0659
7440-47-3	Chromium	20		10/25/2024	0659
7440-48-4	Cobalt	15	*	10/25/2024	0659
7440-50-8	Copper	39		10/25/2024	0659
7439-92-1	Lead	23		10/25/2024	0659
7440-02-0	Nickel	18	*	10/25/2024	0659
7782-49-2	Selenium	0.44	J	10/25/2024	0659
7440-22-4	Silver	0.16	J*	10/25/2024	0659
7440-28-0	Thallium	0.15	J	10/25/2024	0659
7440-62-2	Vanadium	52	*	10/25/2024	0659
7440-66-6	Zinc	120		10/25/2024	0659

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

Comments:

EPA SAMPLE NO.

MYDAF3

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.: MYDAD3

Matrix: SOIL Lab Sample ID: P4302-22

% Solids: 99.6 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	0.32	J	10/25/2024	0703
7440-38-2	Arsenic	17		10/25/2024	0703
7440-39-3	Barium	98	*	10/25/2024	0703
7440-41-7	Beryllium	0.52		10/25/2024	0703
7440-43-9	Cadmium	0.20	J	10/25/2024	0703
7440-47-3	Chromium	20		10/25/2024	0703
7440-48-4	Cobalt	12	*	10/25/2024	0703
7440-50-8	Copper	25		10/25/2024	0703
7439-92-1	Lead	10		10/25/2024	0703
7440-02-0	Nickel	16	*	10/25/2024	0703
7782-49-2	Selenium	0.38	J	10/25/2024	0703
7440-22-4	Silver	0.065	J*	10/25/2024	0703
7440-28-0	Thallium	0.082	J	10/25/2024	0703
7440-62-2	Vanadium	49	*	10/25/2024	0703
7440-66-6	Zinc	63		10/25/2024	0703

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

Comments:

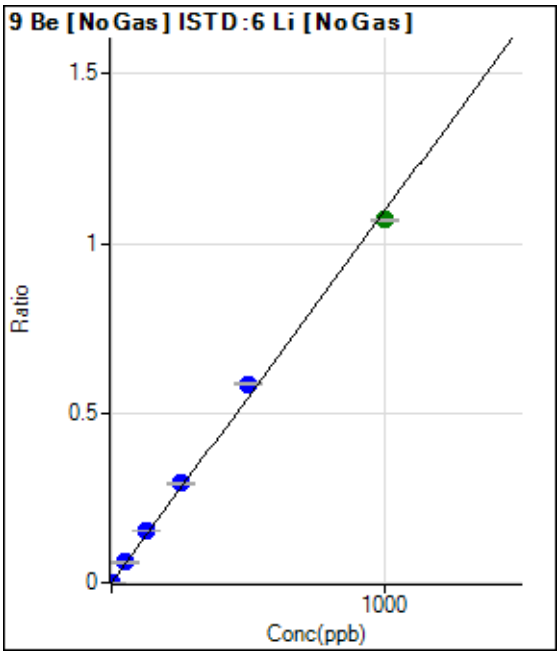
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On:10/25/2024 3:10:05 PM
Inst Id :P7

Calibration for 008CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102524-MS.b\
Analysis File: P7102524-MS.batch.bin
DA Date-Time: 2024-10-25 09:48:42
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2024-10-25 02:54:34
2	006CALS.d	S02	2024-10-25 02:57:55
3	007CALS.d	S03	2024-10-25 03:01:17
4	008CALS.d	S04	2024-10-25 03:04:22
5	009CALS.d	S05	2024-10-25 03:07:20
6	010CALS.d	S06	2024-10-25 03:10:12
7	011CALS.d	S07	2024-10-25 03:13:01
8	012CALS.d	S08	2024-10-25 03:15:49

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0000	P	21.
2	☐	1.000	1.076	2063.49	0.0012	P	3.4
3	☐	50.000	54.799	102274.57	0.0600	P	4.6
4	☐	125.000	138.269	261104.28	0.1514	P	1.5
5	☐	250.000	266.741	510440.50	0.2920	P	2.5
6	☐	500.000	533.876	1010558.21	0.5844	P	1.1
7	☐	1000.000	976.978	1887060.20	1.0695	A	0.5
8	☐			253.34	0.0001	P	14.

y = 0.0011 * x + 2.8038E-005

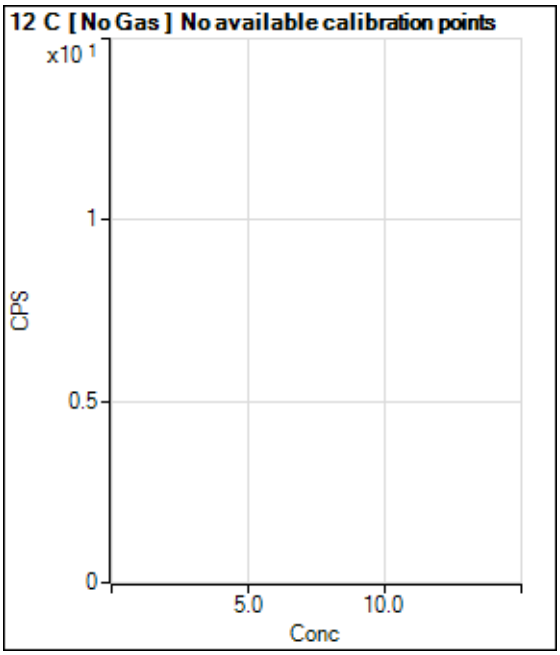
R = 0.9989

DL = 0.01657

BEC = 0.02561

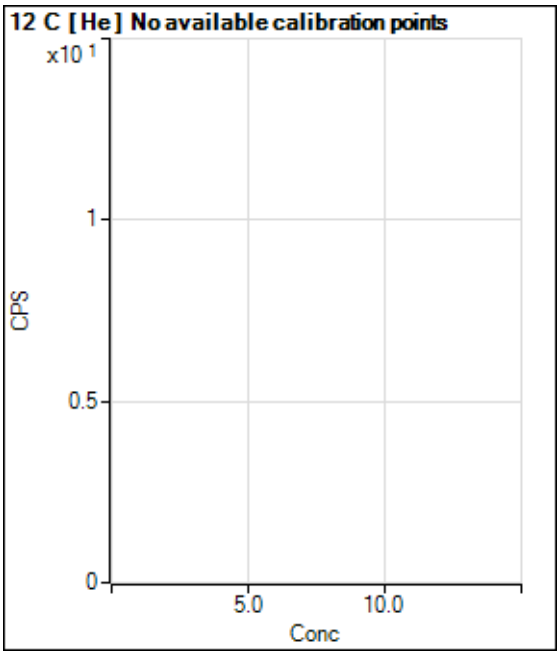
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Min Conc: 0

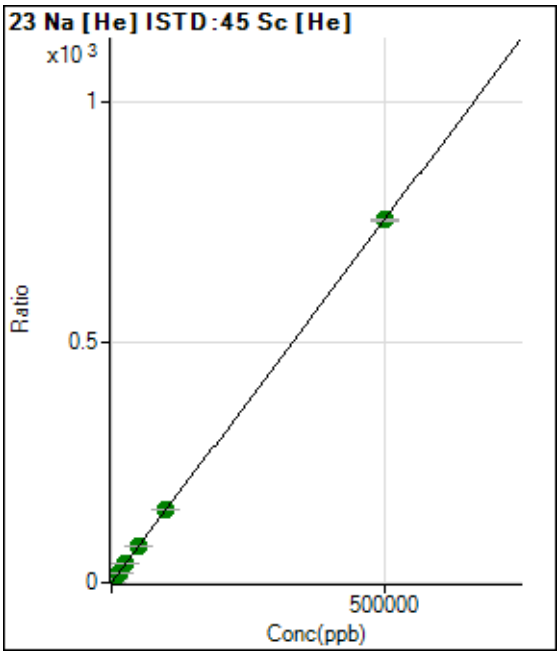


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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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8	☐						

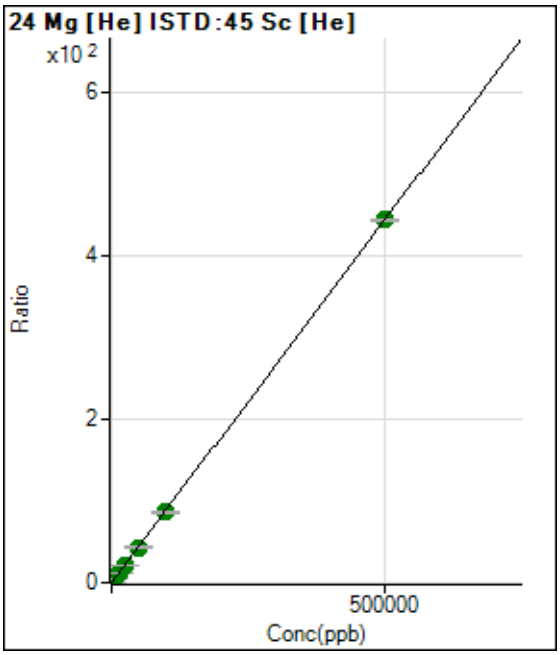


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1	☐	0.000	0.000	36984.39	0.0693	P	1.2
2	☐	500.000	528.880	466321.49	0.8681	P	0.0
3	☐	5000.000	5069.908	4205164.62	7.7270	A	0.8
4	☐	12500.000	12868.740	10829643.17	19.5065	A	1.2
5	☐	25000.000	25464.095	21492702.04	38.5308	A	0.6
6	☐	50000.000	50044.791	41666429.38	75.6580	A	0.4
7	☐	100000.00	100065.74	86577585.38	151.2106	A	0.3
8	☐	500000.00	499949.22	435376793.51	755.2029	A	0.5

y = 0.0015 * x + 0.0693
R = 1.0000
DL = 1.679
BEC = 45.87

Weight: <None>
Min Conc: 0

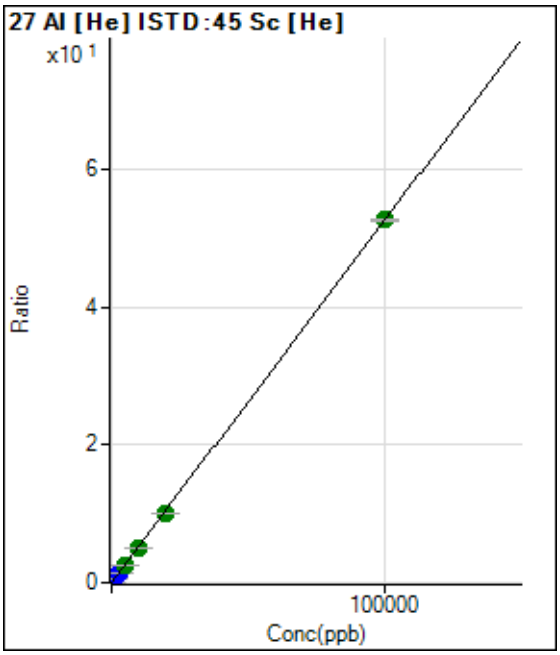
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1	☐	0.000	0.000	1117.83	0.0021	P	2.5
2	☐	500.000	555.221	265471.37	0.4942	P	0.8
3	☐	5000.000	5005.559	2415668.23	4.4388	A	0.9
4	☐	12500.000	12578.232	6190735.19	11.1509	A	0.6
5	☐	25000.000	24888.660	12306519.82	22.0624	A	0.7
6	☐	50000.000	49080.077	23959349.37	43.5046	A	0.1
7	☐	100000.00	97134.853	49296523.16	86.0984	A	0.6
8	☐	500000.00	500668.52	255835278.41	443.7737	A	0.9

y = 8.8636E-004 * x + 0.0021
R = 1.0000
DL = 0.1796
BEC = 2.362

Weight: <None>
Min Conc: 0

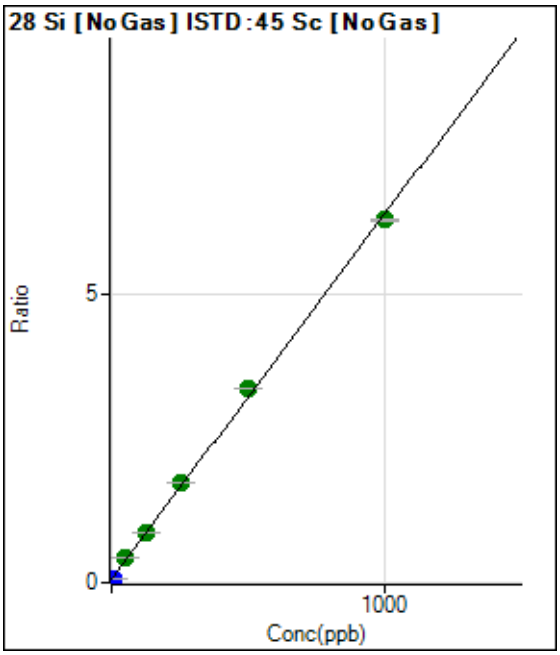


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1	☐	0.000	0.000	1186.73	0.0022	P	3.0
2	☐	20.000	20.285	6929.41	0.0129	P	1.2
3	☐	1000.000	1032.380	296935.80	0.5456	P	1.0
4	☐	2500.000	2616.375	765819.79	1.3794	P	0.4
5	☐	5000.000	4918.190	1445265.38	2.5910	A	0.9
6	☐	10000.000	9758.194	2829888.47	5.1386	A	0.7
7	☐	20000.000	19236.859	5798812.13	10.1278	A	0.4
8	☐	100000.00	100177.66	30400268.71	52.7323	A	0.4

y = 5.2637E-004 * x + 0.0022
R = 1.0000
DL = 0.382
BEC = 4.223

Weight: <None>
Min Conc: 0

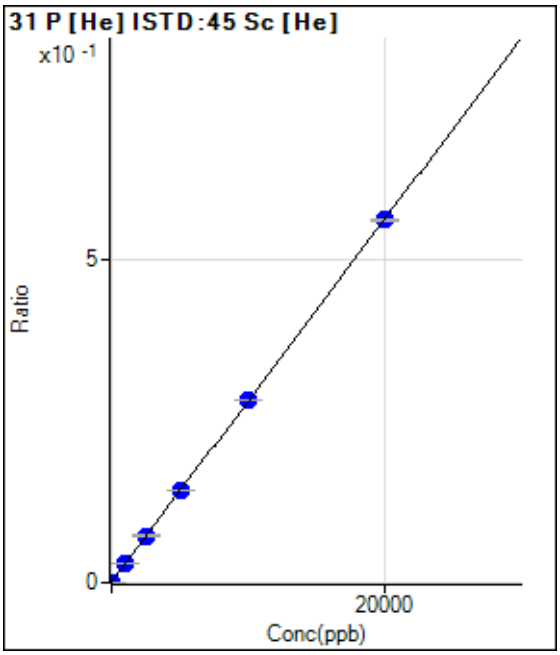
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1	☐	0.000	0.000	345168.41	0.0597	P	0.2
2	☐	10.000	0.921	377475.05	0.0655	P	0.5
3	☐	50.000	57.772	2460247.25	0.4257	A	3.0
4	☐	125.000	128.493	5157315.27	0.8738	A	0.3
5	☐	250.000	262.894	10344480.75	1.7254	A	0.5
6	☐	500.000	522.845	20331126.36	3.3723	A	0.5
7	☐	1000.000	984.620	38752426.64	6.2980	A	0.4
8	☐			426148.00	0.0688	P	0.9

y = 0.0063 * x + 0.0597
R = 0.9994
DL = 0.05199
BEC = 9.424

Weight: <None>
Min Conc: 0

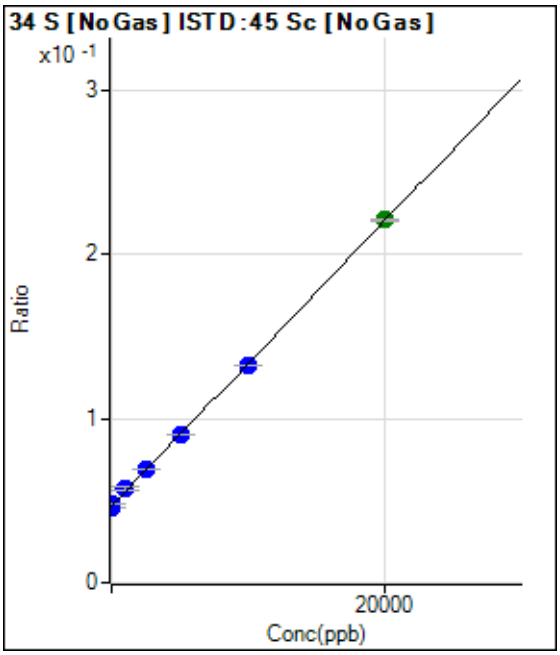


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-18.530	166.67	0.0003	P	14.
2	☐	0.000	18.530	726.69	0.0014	P	10.
3	☐	1000.000	991.447	15610.30	0.0287	P	0.3
4	☐	2500.000	2560.117	40390.93	0.0728	P	1.8
5	☐	5000.000	5072.657	79951.66	0.1433	P	0.4
6	☐	10000.000	9995.898	155104.30	0.2816	P	0.1
7	☐	20000.000	19976.800	321789.65	0.5620	P	0.4
8	☐			315.56	0.0005	P	12.

y = 2.8092E-005 * x + 8.3270E-004
R = 1.0000
DL = 10.18
BEC = 29.64

Weight: <None>
Min Conc: 0

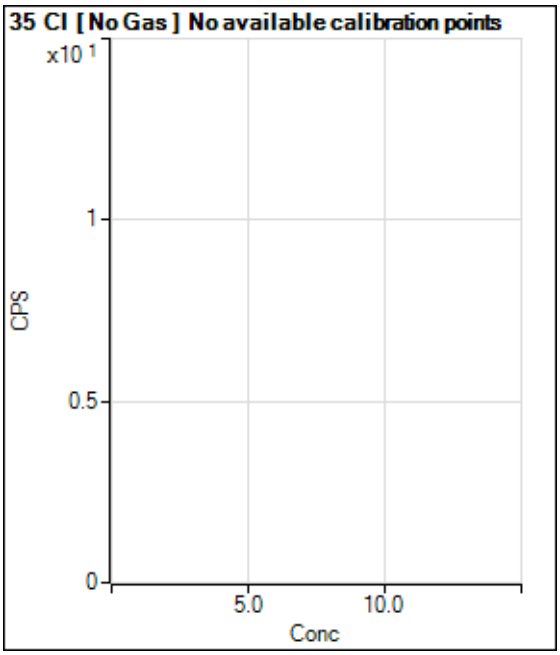
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-133.535	263390.93	0.0456	P	1.8
2	☐	0.000	133.535	275796.22	0.0479	P	1.0
3	☐	1000.000	1226.635	331735.34	0.0574	P	2.3
4	☐	2500.000	2593.769	408970.47	0.0693	P	0.9
5	☐	5000.000	4986.242	540276.44	0.0901	P	0.4
6	☐	10000.000	9840.283	797892.38	0.1323	P	0.3
7	☐	20000.000	20060.245	1361458.50	0.2213	A	0.9
8	☐			269689.74	0.0435	P	2.0

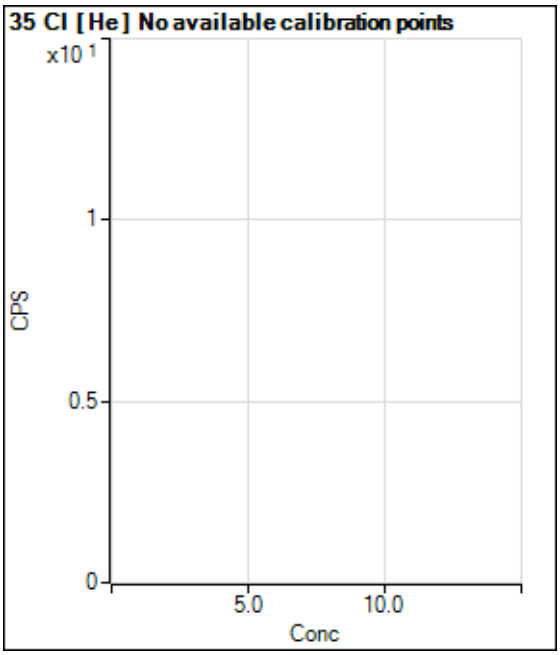
y = 8.7003E-006 * x + 0.0467
R = 0.9998
DL = 220.2
BEC = 5371

Weight: <None>
Min Conc: 0

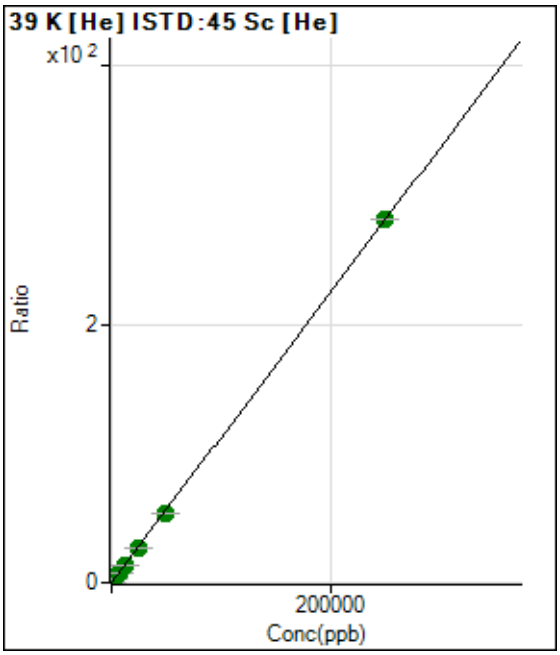


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



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

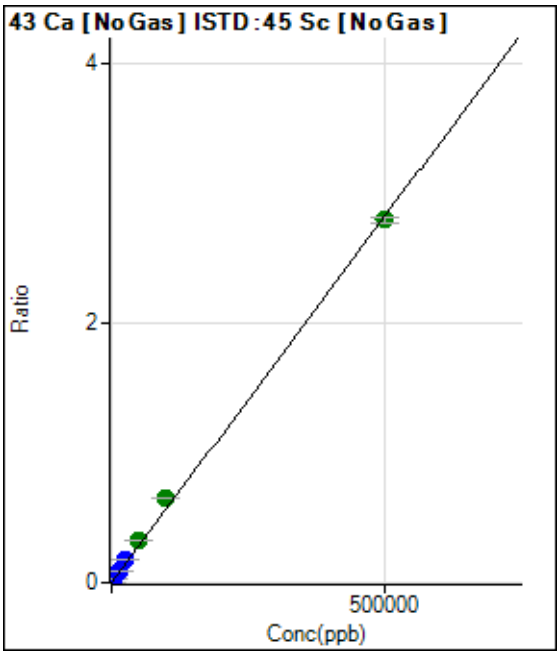


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71421.96	0.1338	P	0.9
2	☐	500.000	512.776	380109.63	0.7076	P	0.8
3	☐	2500.000	2427.201	1551028.33	2.8501	A	0.8
4	☐	6250.000	6119.293	3876297.86	6.9819	A	0.8
5	☐	12500.000	12085.863	7619119.33	13.6590	A	0.3
6	☐	25000.000	24083.583	14916159.78	27.0856	A	1.0
7	☐	50000.000	47695.340	30637712.88	53.5094	A	0.4
8	☐	250000.00	250577.25	161740693.14	280.5534	A	0.2

y = 0.0011 * x + 0.1338
R = 1.0000
DL = 3.094
BEC = 119.6

Weight: <None>
Min Conc: 0

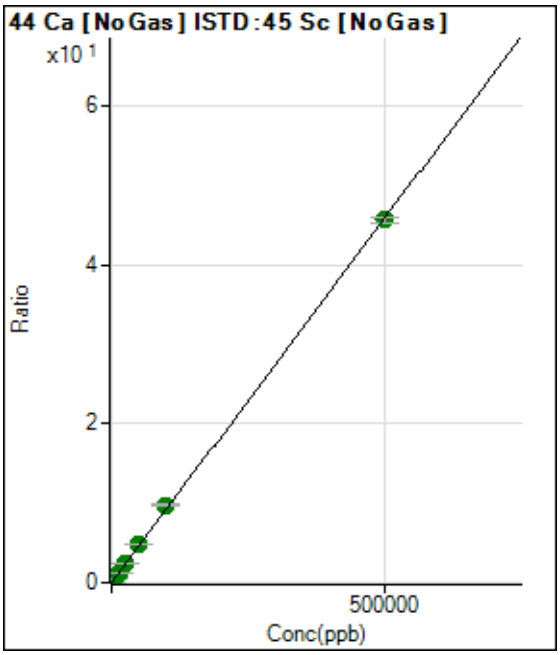
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	521.12	0.0001	P	1.8
2	☐	500.000	529.704	17748.26	0.0031	P	0.3
3	☐	5000.000	6257.250	204743.88	0.0354	P	3.0
4	☐	12500.000	15682.879	523299.44	0.0887	P	0.7
5	☐	25000.000	30925.316	1047764.85	0.1748	P	1.3
6	☐	50000.000	57850.548	1970317.37	0.3268	A	0.9
7	☐	100000.00	115496.28	4014226.29	0.6524	A	1.3
8	☐	500000.00	495727.24	17341790.85	2.7999	A	1.7

y = 5.6479E-006 * x + 9.0134E-005
R = 0.9994
DL = 0.8536
BEC = 15.96

Weight: <None>
Min Conc: 0

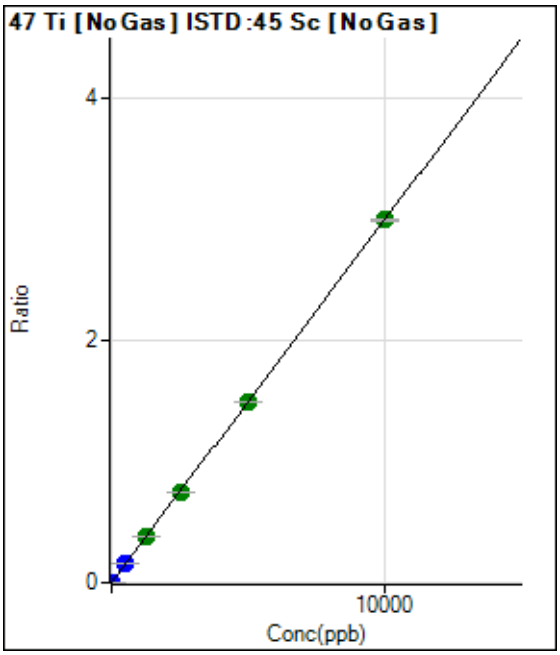


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26598.83	0.0046	P	1.4
2	☐	500.000	533.943	308620.11	0.0536	P	0.3
3	☐	5000.000	5394.200	2886740.58	0.4995	A	2.2
4	☐	12500.000	13598.236	7390568.99	1.2522	A	0.4
5	☐	25000.000	26787.186	14762802.69	2.4623	A	0.8
6	☐	50000.000	53527.541	29635201.23	4.9156	A	0.6
7	☐	100000.00	106877.18	60363304.10	9.8103	A	1.2
8	☐	500000.00	498151.01	283106135.78	45.7087	A	1.8

y = 9.1748E-005 * x + 0.0046
R = 0.9999
DL = 2.042
BEC = 50.16

Weight: <None>
Min Conc: 0

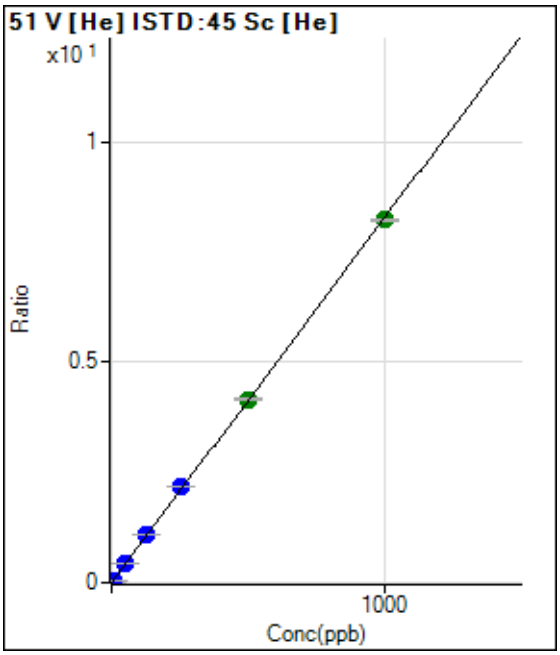
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	268.89	0.0000	P	9.9
2	☐	5.000	4.582	8158.94	0.0014	P	4.6
3	☐	500.000	523.934	905426.13	0.1567	P	2.7
4	☐	1250.000	1274.583	2249108.58	0.3811	A	0.6
5	☐	2500.000	2497.547	4476941.53	0.7467	A	1.2
6	☐	5000.000	4985.632	8986152.92	1.4905	A	0.4
7	☐	10000.000	10003.528	18401497.23	2.9906	A	0.6
8	☐			2706.93	0.0004	P	1.8

y = 2.9895E-004 * x + 4.6532E-005
R = 1.0000
DL = 0.04604
BEC = 0.1557

Weight: <None>
Min Conc: 0

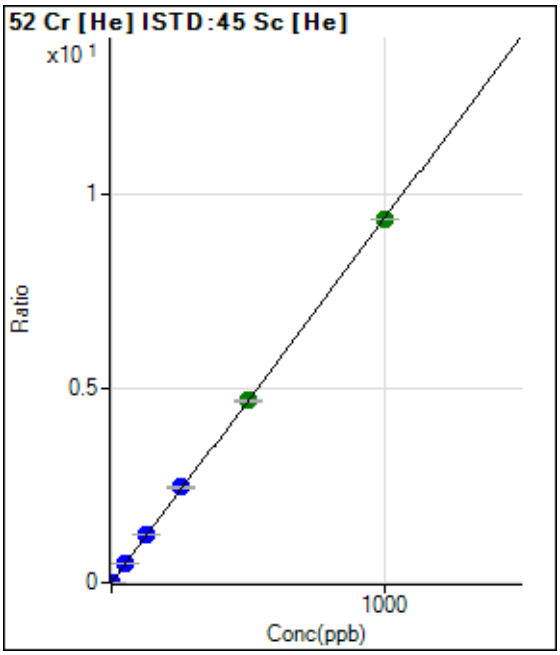


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0001	P	19.
2	☐	5.000	5.156	22958.62	0.0427	P	1.3
3	☐	50.000	52.354	235618.48	0.4330	P	1.1
4	☐	125.000	132.638	608888.25	1.0967	P	0.3
5	☐	250.000	263.490	1215230.43	2.1786	P	0.2
6	☐	500.000	501.686	2284295.61	4.1479	A	1.1
7	☐	1000.000	994.711	4708796.22	8.2241	A	0.5
8	☐			1141.16	0.0020	P	4.5

y = 0.0083 * x + 1.1449E-004
R = 0.9999
DL = 0.00802
BEC = 0.01385

Weight: <None>
Min Conc: 0

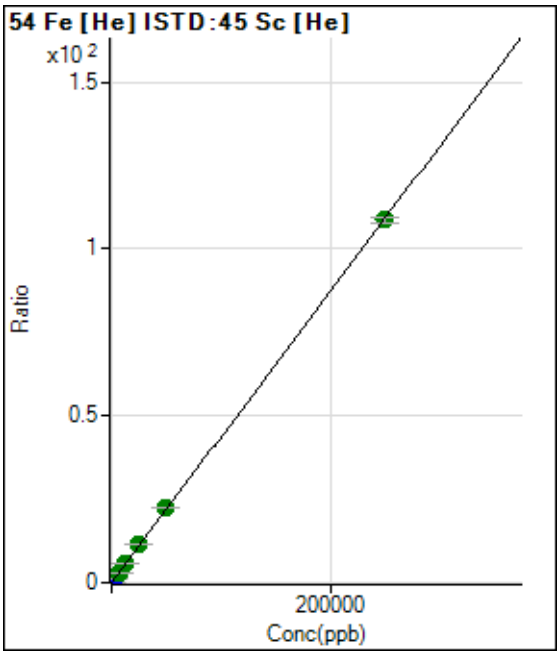
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1387.86	0.0026	P	7.3
2	☐	2.000	2.049	11702.39	0.0218	P	1.7
3	☐	50.000	52.215	267518.58	0.4916	P	0.7
4	☐	125.000	132.388	689730.04	1.2424	P	0.5
5	☐	250.000	261.188	1365798.10	2.4485	P	0.3
6	☐	500.000	500.347	2581878.64	4.6881	A	0.8
7	☐	1000.000	995.995	5341827.35	9.3297	A	0.2
8	☐			19111.07	0.0332	P	5.5

y = 0.0094 * x + 0.0026
R = 0.9999
DL = 0.06063
BEC = 0.2777

Weight: <None>
Min Conc: 0

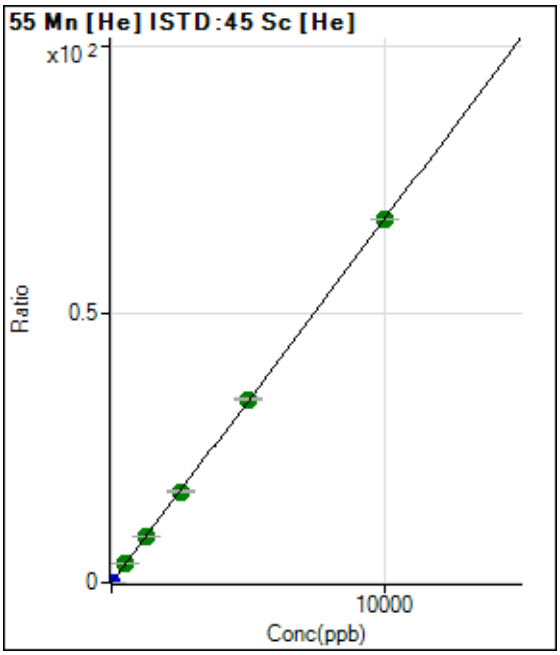


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3217.04	0.0060	P	5.1
2	☐	50.000	56.866	16540.30	0.0308	P	0.1
3	☐	2500.000	2818.777	671325.80	1.2336	P	0.6
4	☐	6250.000	6682.072	1618901.97	2.9160	A	0.6
5	☐	12500.000	13208.826	3212027.14	5.7583	A	0.9
6	☐	25000.000	26163.653	6278090.60	11.4000	A	1.4
7	☐	50000.000	51766.981	12911328.70	22.5500	A	0.4
8	☐	250000.00	249480.80	62638104.62	108.6523	A	1.4

y = 4.3549E-004 * x + 0.0060
R = 1.0000
DL = 2.103
BEC = 13.84

Weight: <None>
Min Conc: 0

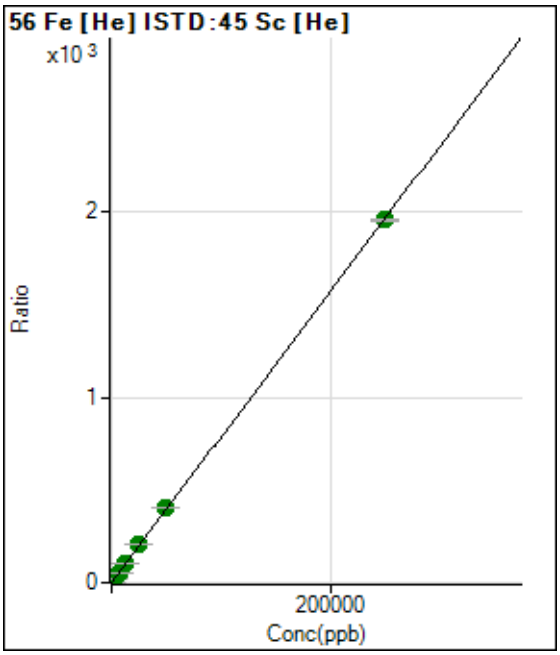
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1330.07	0.0025	P	5.8
2	☐	1.000	1.109	5373.23	0.0100	P	2.8
3	☐	500.000	509.681	1880219.28	3.4550	A	2.0
4	☐	1250.000	1270.416	4779060.21	8.6082	A	0.5
5	☐	2500.000	2505.361	9467915.35	16.9735	A	0.8
6	☐	5000.000	5030.729	18768353.89	34.0801	A	0.9
7	☐	10000.000	9980.259	38709693.59	67.6077	A	0.1
8	☐			21598.88	0.0375	P	2.2

y = 0.0068 * x + 0.0025
R = 1.0000
DL = 0.06431
BEC = 0.3678

Weight: <None>
Min Conc: 0

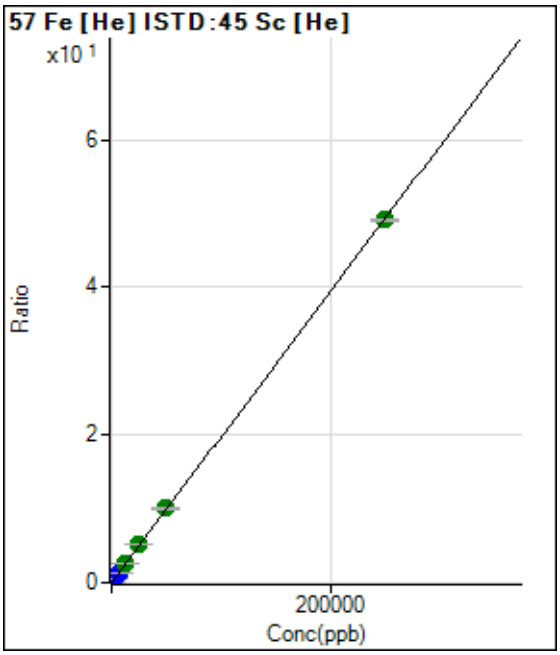


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31215.64	0.0585	P	0.9
2	☐	50.000	55.149	263897.10	0.4913	P	0.4
3	☐	2500.000	2633.707	11280124.55	20.7278	A	1.3
4	☐	6250.000	6642.691	28974896.24	52.1902	A	0.6
5	☐	12500.000	13072.818	57261187.48	102.6537	A	0.8
6	☐	25000.000	26131.278	112974383.87	205.1363	A	0.3
7	☐	50000.000	51497.280	231435534.33	404.2083	A	0.3
8	☐	250000.00	249547.62	1129078463.1	1,958.504	A	0.6

y = 0.0078 * x + 0.0585
R = 1.0000
DL = 0.1904
BEC = 7.451

Weight: <None>
Min Conc: 0

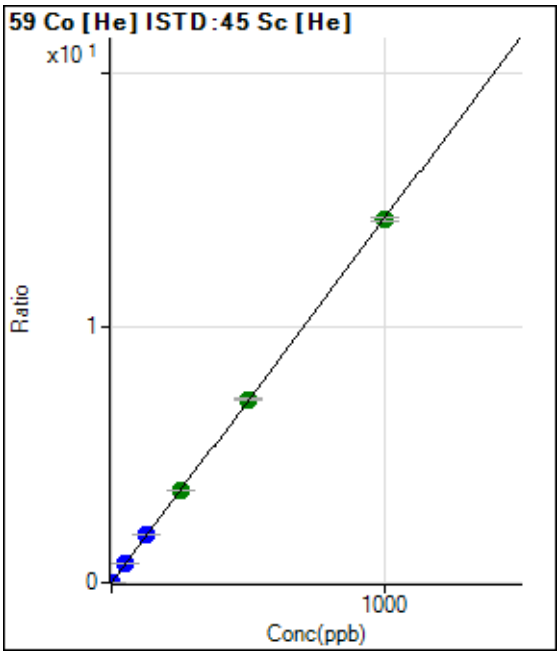
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2296.86	0.0043	P	3.4
2	☐	50.000	57.513	8390.19	0.0156	P	3.3
3	☐	2500.000	2779.060	299931.49	0.5511	P	1.1
4	☐	6250.000	7061.371	773799.55	1.3938	P	0.2
5	☐	12500.000	12915.136	1419965.87	2.5456	A	1.0
6	☐	25000.000	25936.847	2813073.40	5.1079	A	0.3
7	☐	50000.000	51039.936	5752749.29	10.0474	A	0.7
8	☐	250000.00	249654.49	28322879.02	49.1287	A	0.4

y = 1.9677E-004 * x + 0.0043
R = 1.0000
DL = 2.207
BEC = 21.87

Weight: <None>
Min Conc: 0

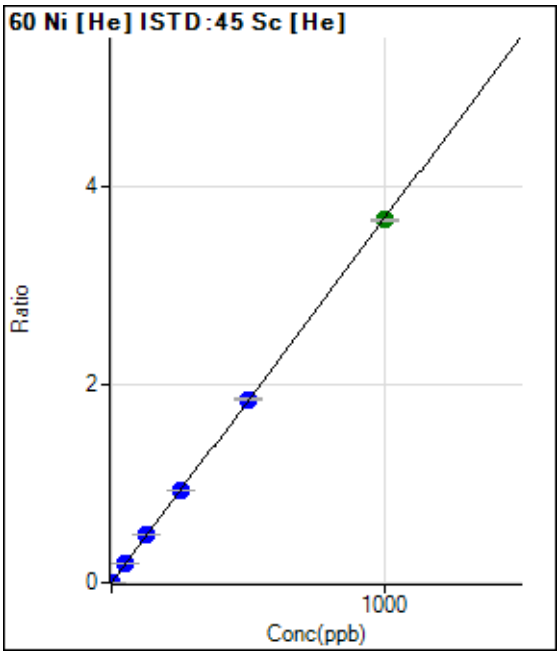


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	254.45	0.0005	P	14.
2	☐	1.000	1.071	8475.79	0.0158	P	1.8
3	☐	50.000	51.973	404344.08	0.7430	P	0.7
4	☐	125.000	131.691	1044776.81	1.8819	P	0.4
5	☐	250.000	254.235	2026282.61	3.6326	A	1.0
6	☐	500.000	503.981	3965347.37	7.2005	A	1.4
7	☐	1000.000	996.015	8147425.85	14.2298	A	0.9
8	☐			22231.00	0.0386	P	0.7

y = 0.0143 * x + 4.7662E-004
R = 1.0000
DL = 0.01443
BEC = 0.03336

Weight: <None>
Min Conc: 0

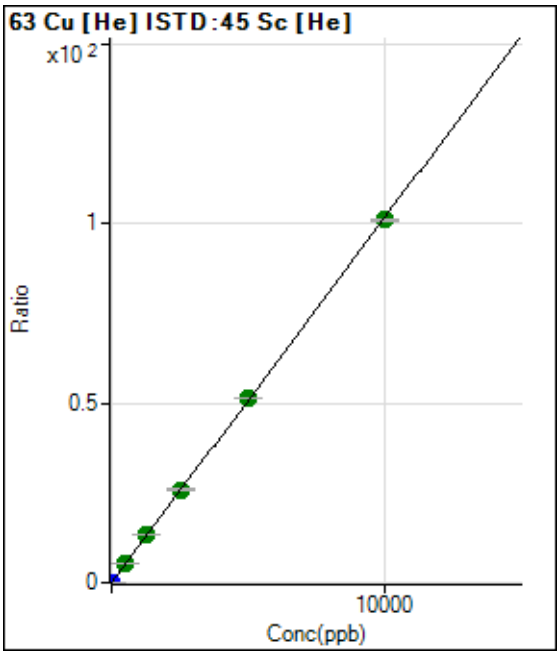
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.34	0.0006	P	8.1
2	☐	1.000	1.092	2492.46	0.0046	P	4.8
3	☐	50.000	51.651	103728.60	0.1906	P	0.3
4	☐	125.000	130.180	266177.78	0.4794	P	0.3
5	☐	250.000	255.350	524250.01	0.9398	P	0.1
6	☐	500.000	503.633	1020509.72	1.8531	P	0.5
7	☐	1000.000	996.116	2098146.51	3.6645	A	0.5
8	☐			8346.84	0.0145	P	1.5

y = 0.0037 * x + 6.2422E-004
R = 1.0000
DL = 0.04138
BEC = 0.1697

Weight: <None>
Min Conc: 0

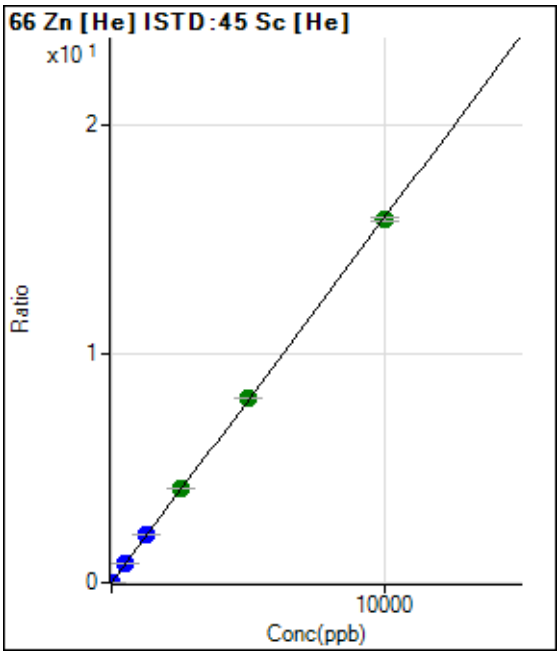


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2143.51	0.0040	P	4.6
2	☐	2.000	2.163	13966.61	0.0260	P	0.8
3	☐	500.000	524.807	2904720.13	5.3376	A	1.2
4	☐	1250.000	1304.324	7361587.74	13.2597	A	0.4
5	☐	2500.000	2555.240	14487515.62	25.9725	A	1.3
6	☐	5000.000	5061.924	28333369.58	51.4476	A	0.4
7	☐	10000.000	9947.197	57884131.36	101.0959	A	0.5
8	☐			13738.61	0.0238	P	1.9

y = 0.0102 * x + 0.0040
R = 0.9999
DL = 0.05403
BEC = 0.3952

Weight: <None>
Min Conc: 0

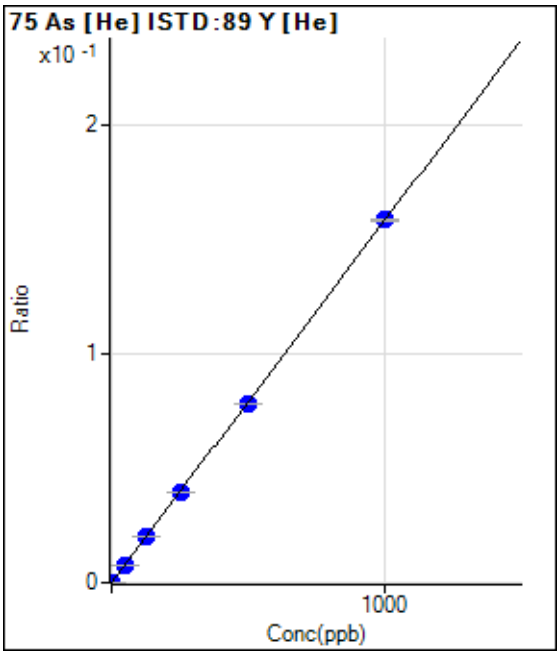
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1235.62	0.0023	P	3.5
2	☐	2.000	6.362	6687.11	0.0125	P	6.3
3	☐	500.000	515.540	448286.69	0.8237	P	0.5
4	☐	1250.000	1317.689	1166908.00	2.1018	P	0.2
5	☐	2500.000	2574.373	2289333.96	4.1041	A	0.2
6	☐	5000.000	5064.034	4444951.57	8.0710	A	0.5
7	☐	10000.000	9940.150	9069627.50	15.8402	A	1.2
8	☐			5397.69	0.0094	P	2.9

y = 0.0016 * x + 0.0023
R = 0.9999
DL = 0.1523
BEC = 1.453

Weight: <None>
Min Conc: 0

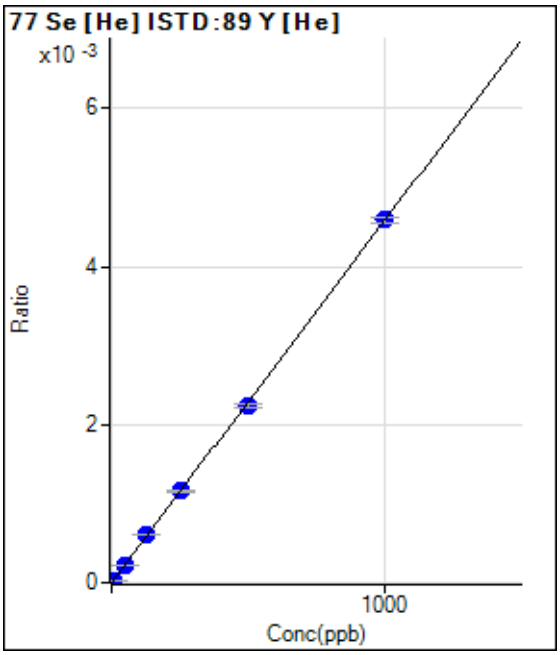


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	56.
2	☐	1.000	0.963	600.02	0.0002	P	9.7
3	☐	50.000	50.020	30826.49	0.0079	P	1.6
4	☐	125.000	126.991	80326.84	0.0201	P	1.4
5	☐	250.000	248.110	159280.51	0.0393	P	0.6
6	☐	500.000	494.984	316388.62	0.0784	P	0.4
7	☐	1000.000	1002.731	654119.26	0.1588	P	0.5
8	☐			404.45	0.0001	P	9.6

y = 1.5841E-004 * x + 2.5561E-006
R = 1.0000
DL = 0.02738
BEC = 0.01614

Weight: <None>
Min Conc: 0

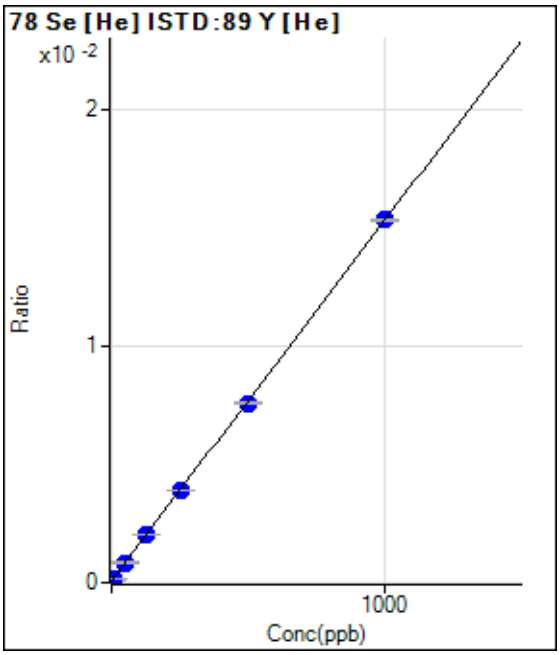
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On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.961	87.78	0.0000	P	11.
3	☐	50.000	48.428	862.26	0.0002	P	7.8
4	☐	125.000	133.302	2435.78	0.0006	P	1.7
5	☐	250.000	254.311	4716.35	0.0012	P	2.1
6	☐	500.000	490.004	9048.38	0.0022	P	2.1
7	☐	1000.000	1002.961	18902.15	0.0046	P	1.7
8	☐			6.67	0.0000	P	49.

y = 4.5763E-006 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

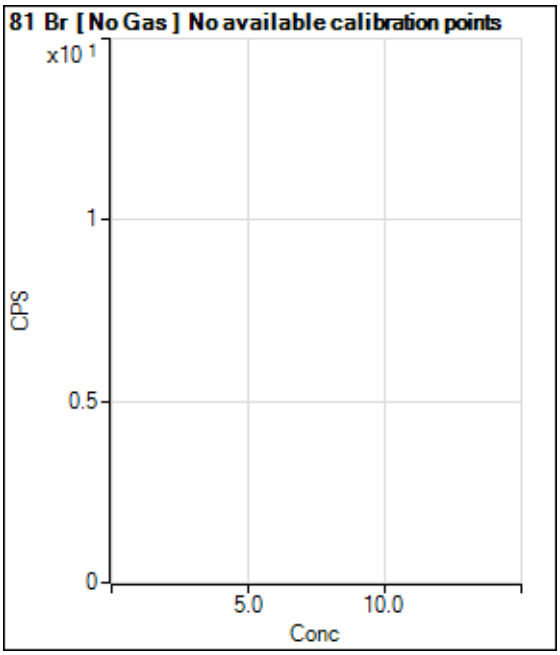


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	346.67	0.0001	P	0.4
2	☐	5.000	4.560	612.24	0.0002	P	3.1
3	☐	50.000	49.246	3259.27	0.0008	P	6.6
4	☐	125.000	128.901	8185.66	0.0021	P	1.6
5	☐	250.000	251.523	15868.60	0.0039	P	1.3
6	☐	500.000	493.595	30661.78	0.0076	P	0.2
7	☐	1000.000	1002.374	63171.65	0.0153	P	0.7
8	☐			377.79	0.0001	P	7.2

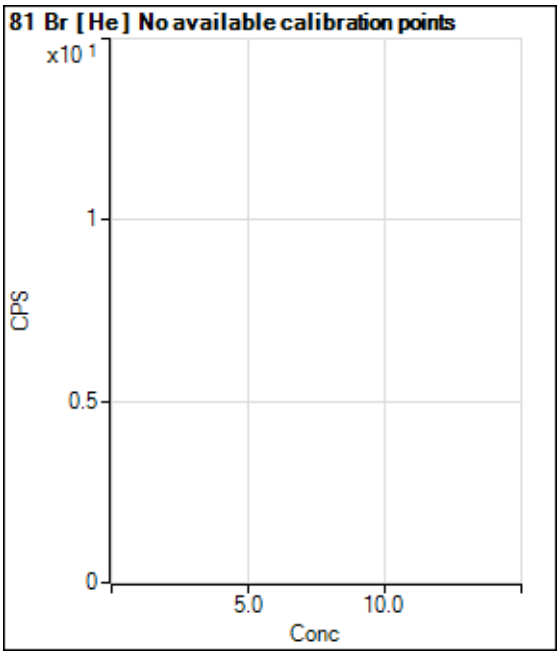
y = 1.5215E-005 * x + 8.8933E-005
R = 1.0000
DL = 0.06142
BEC = 5.845

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

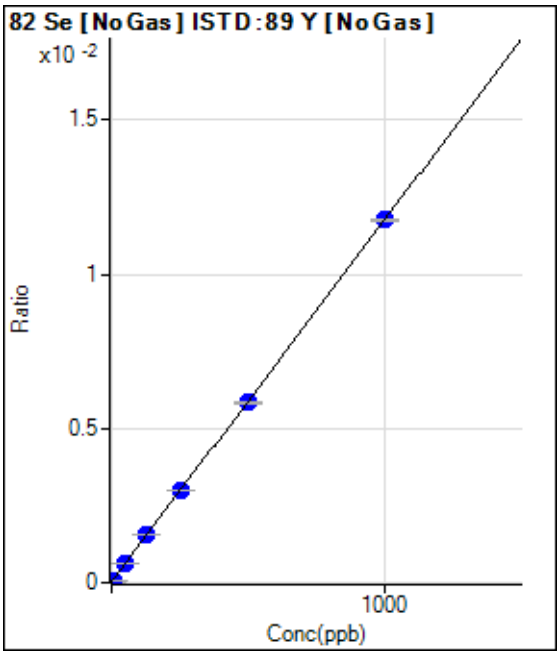


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8877.19		P	0.4
2	☐			8912.77		P	1.0
3	☐			8934.99		P	1.4
4	☐			8802.71		P	1.5
5	☐			9118.44		P	1.3
6	☐			9356.38		P	0.6
7	☐			9549.84		P	1.7
8	☐			10990.83		P	1.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			151.11		P	21.
2	☐			161.11		P	31.
3	☐			135.56		P	10.
4	☐			124.45		P	5.6
5	☐			121.12		P	5.7
6	☐			122.23		P	4.2
7	☐			97.78		P	16.
8	☐			132.23		P	13.

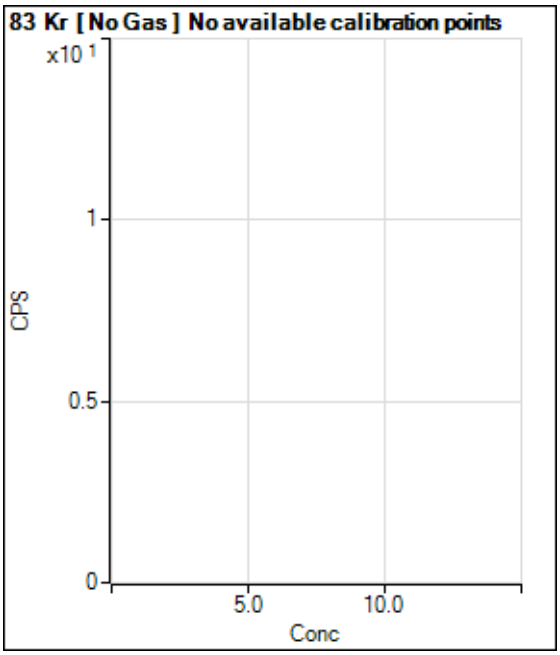
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	422.52	0.0000	P	17.
2	☐	5.000	5.174	1344.08	0.0001	P	1.4
3	☐	50.000	51.903	9619.95	0.0006	P	2.9
4	☐	125.000	129.786	24169.22	0.0015	P	0.2
5	☐	250.000	252.942	47765.46	0.0030	P	0.8
6	☐	500.000	496.670	94728.47	0.0059	P	1.0
7	☐	1000.000	1000.235	192819.33	0.0118	P	0.8
8	☐			626.12	0.0000	P	4.3

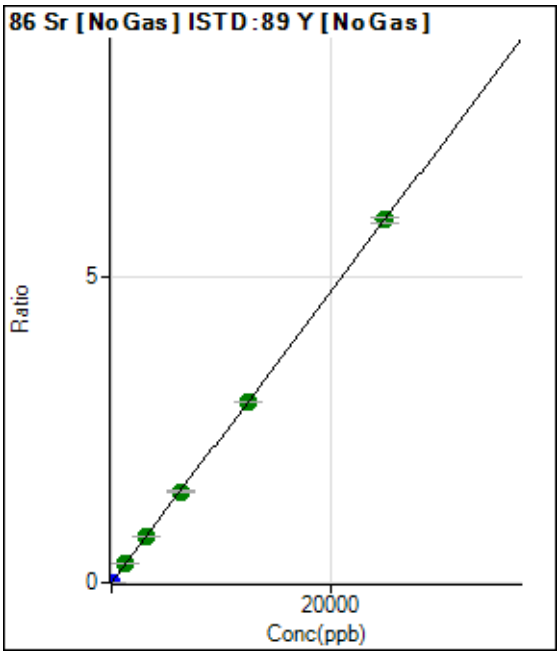
y = 1.1725E-005 * x + 2.7953E-005
R = 1.0000
DL = 1.263
BEC = 2.384

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			287.78		P	4.4
2	☐			303.34		P	6.1
3	☐			308.90		P	17.
4	☐			301.12		P	12.
5	☐			313.34		P	1.8
6	☐			303.34		P	11.
7	☐			324.45		P	4.2
8	☐			386.68		P	7.1

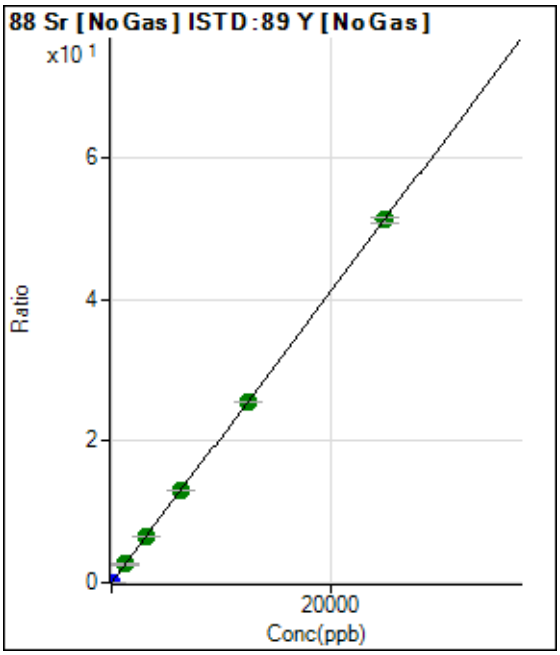
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	553.35	0.0000	P	4.3
2	☐	1.000	0.994	4126.17	0.0003	P	2.3
3	☐	1250.000	1282.437	4589259.72	0.3036	A	2.2
4	☐	3125.000	3168.833	11700305.38	0.7502	A	0.5
5	☐	6250.000	6282.395	23729892.43	1.4872	A	0.8
6	☐	12500.000	12420.379	47598420.40	2.9402	A	0.1
7	☐	25000.000	25024.611	97168781.89	5.9239	A	1.6
8	☐			16820.85	0.0010	P	4.9

y = 2.3672E-004 * x + 3.6641E-005
R = 1.0000
DL = 0.02002
BEC = 0.1548

Weight: <None>
Min Conc: 0

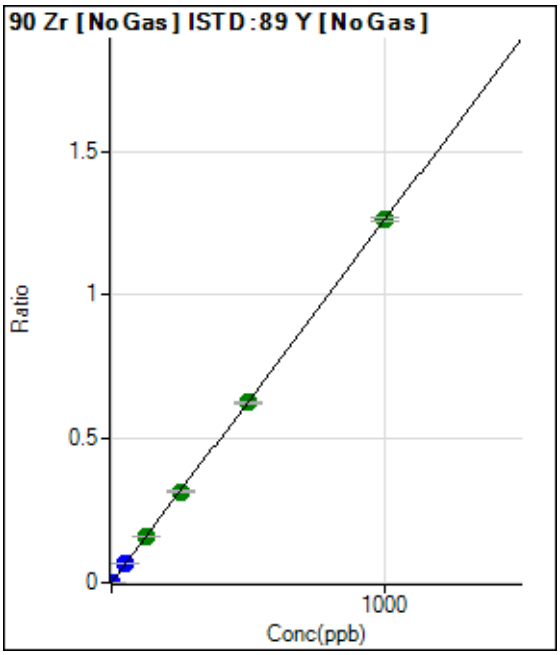


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	896.71	0.0001	P	5.5
2	☐	1.000	0.995	31895.66	0.0021	P	2.5
3	☐	1250.000	1271.952	39480154.14	2.6124	A	3.6
4	☐	3125.000	3193.474	102297465.15	6.5587	A	0.8
5	☐	6250.000	6304.292	206580732.48	12.9477	A	0.2
6	☐	12500.000	12462.805	414352767.16	25.5959	A	0.5
7	☐	25000.000	24995.368	842033000.79	51.3350	A	1.8
8	☐			143407.61	0.0090	P	4.1

y = 0.0021 * x + 5.9366E-005
R = 1.0000
DL = 0.00475
BEC = 0.02891

Weight: <None>
Min Conc: 0

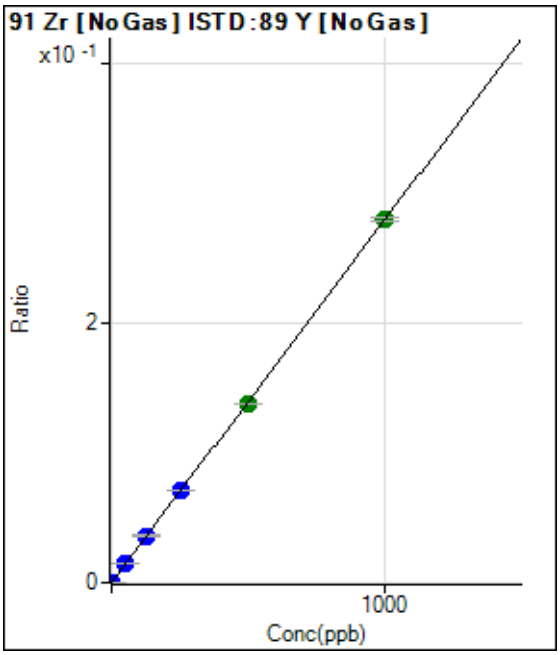
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	750.03	0.0000	P	5.1
2	☐	1.000	0.983	19535.27	0.0013	P	1.6
3	☐	50.000	51.799	987327.97	0.0653	P	3.3
4	☐	125.000	127.726	2511265.13	0.1610	A	0.5
5	☐	250.000	250.458	5037095.97	0.3157	A	1.7
6	☐	500.000	496.837	10137099.16	0.6262	A	0.4
7	☐	1000.000	1001.036	20693260.66	1.2616	A	1.1
8	☐			12835.70	0.0008	P	1.4

y = 0.0013 * x + 4.9664E-005
R = 1.0000
DL = 0.006035
BEC = 0.03941

Weight: <None>
Min Conc: 0

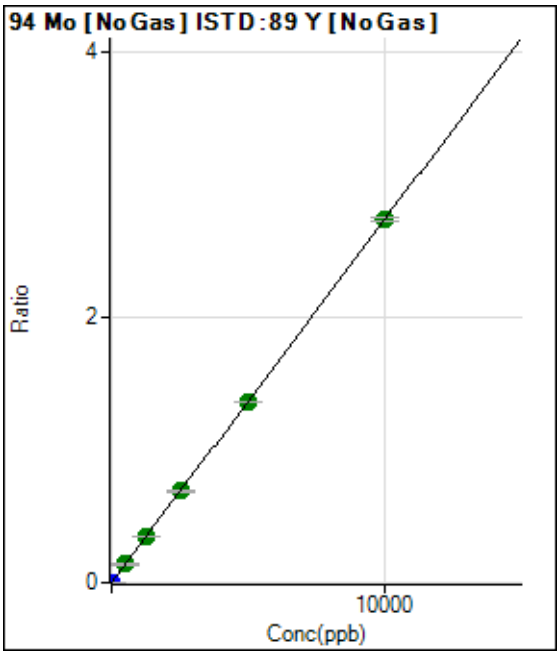


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	173.34	0.0000	P	16.
2	☐	1.000	0.963	4257.32	0.0003	P	2.0
3	☐	50.000	51.825	219233.94	0.0145	P	3.3
4	☐	125.000	129.949	567036.98	0.0364	P	0.8
5	☐	250.000	255.730	1141341.89	0.0715	P	0.4
6	☐	500.000	493.693	2235422.48	0.1381	A	0.1
7	☐	1000.000	1001.011	4592256.01	0.2800	A	1.2
8	☐			2844.75	0.0002	P	6.5

y = 2.7968E-004 * x + 1.1477E-005
R = 0.9999
DL = 0.02006
BEC = 0.04104

Weight: <None>
Min Conc: 0

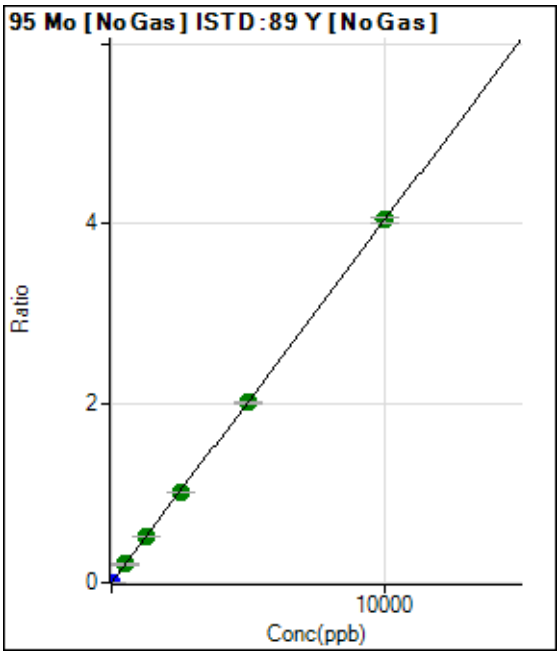
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	314.45	0.0000	P	5.6
2	☐	5.000	5.348	22466.18	0.0015	P	1.5
3	☐	500.000	509.549	2103518.69	0.1392	A	2.6
4	☐	1250.000	1273.277	5423697.91	0.3477	A	1.3
5	☐	2500.000	2522.439	10991134.00	0.6888	A	0.8
6	☐	5000.000	4986.410	22044511.89	1.3617	A	0.2
7	☐	10000.000	9997.798	44783038.78	2.7302	A	1.2
8	☐			10609.51	0.0007	P	2.9

y = 2.7308E-004 * x + 2.0818E-005
R = 1.0000
DL = 0.01271
BEC = 0.07623

Weight: <None>
Min Conc: 0

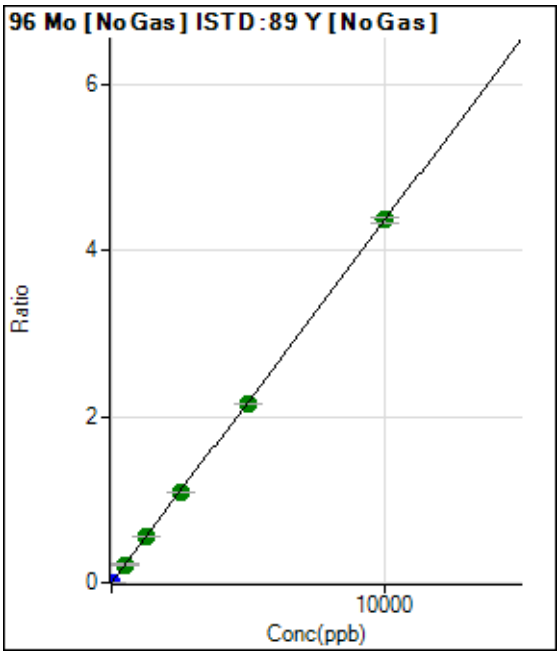


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	185.56	0.0000	P	10.
2	☐	5.000	4.455	27441.37	0.0018	P	0.6
3	☐	500.000	505.240	3080729.95	0.2038	A	2.9
4	☐	1250.000	1270.335	7993004.05	0.5125	A	1.4
5	☐	2500.000	2504.536	16120236.71	1.0103	A	0.3
6	☐	5000.000	4966.945	32437355.07	2.0037	A	0.9
7	☐	10000.000	10012.590	66251832.35	4.0391	A	1.5
8	☐			10172.49	0.0006	P	1.1

y = 4.0340E-004 * x + 1.2288E-005
R = 1.0000
DL = 0.009311
BEC = 0.03046

Weight: <None>
Min Conc: 0

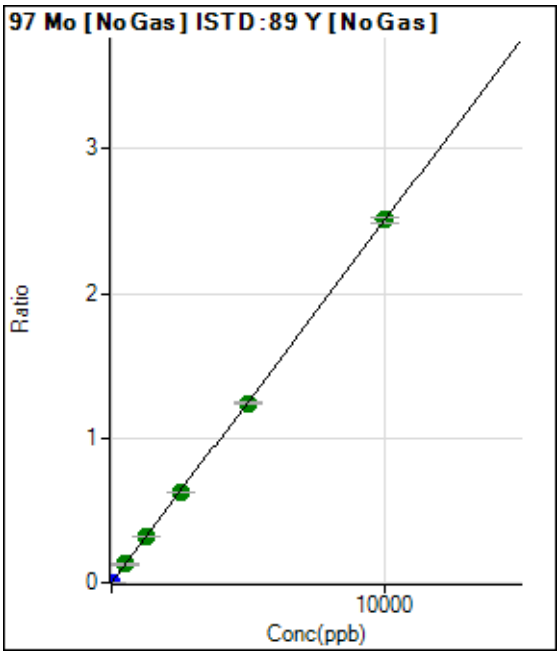
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	248.89	0.0000	P	5.3
2	☐	5.000	4.490	29953.99	0.0020	P	1.8
3	☐	500.000	502.954	3316389.22	0.2194	A	3.0
4	☐	1250.000	1274.384	8670612.65	0.5559	A	1.0
5	☐	2500.000	2512.185	17484917.93	1.0959	A	0.6
6	☐	5000.000	4955.097	34993299.76	2.1616	A	0.3
7	☐	10000.000	10016.210	71669127.27	4.3693	A	1.5
8	☐			20979.58	0.0013	P	2.0

y = 4.3623E-004 * x + 1.6483E-005
R = 1.0000
DL = 0.006018
BEC = 0.03778

Weight: <None>
Min Conc: 0

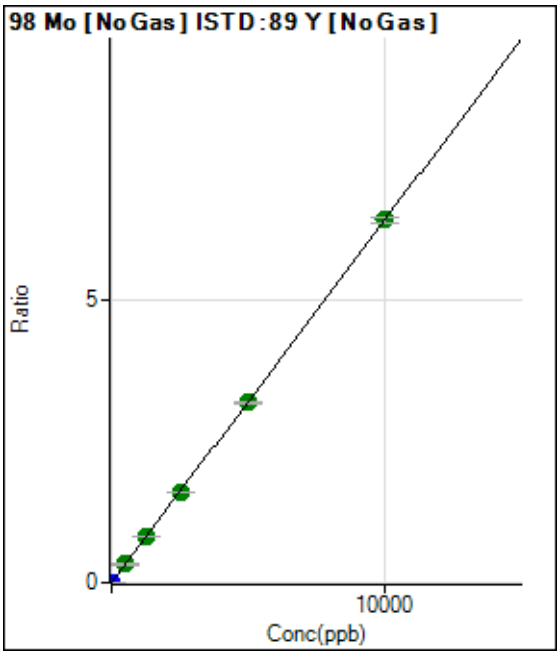


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	39.
2	☐	5.000	4.443	16983.26	0.0011	P	1.4
3	☐	500.000	506.758	1918318.27	0.1269	A	2.2
4	☐	1250.000	1272.321	4969613.71	0.3186	A	0.6
5	☐	2500.000	2489.392	9946880.96	0.6234	A	0.5
6	☐	5000.000	4958.997	20103917.34	1.2419	A	0.8
7	☐	10000.000	10020.026	41158904.11	2.5093	A	1.7
8	☐			6231.39	0.0004	P	4.9

y = 2.5043E-004 * x + 6.9991E-006
R = 1.0000
DL = 0.03287
BEC = 0.02795

Weight: <None>
Min Conc: 0

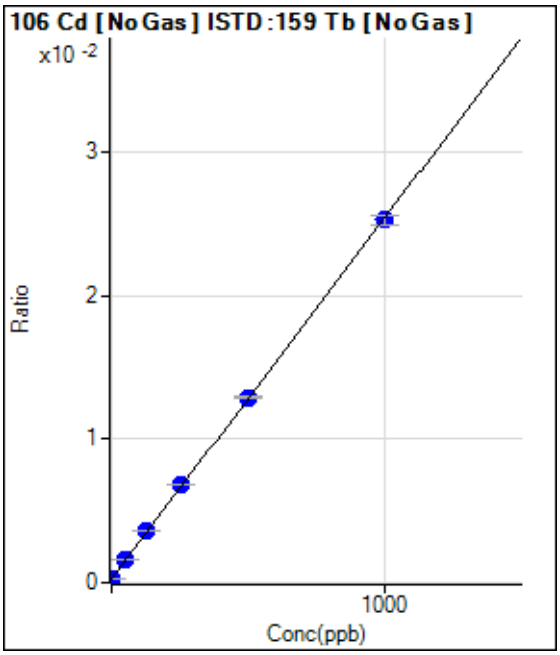
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	245.56	0.0000	P	4.4
2	☐	5.000	4.453	43525.84	0.0029	P	2.2
3	☐	500.000	506.284	4902924.96	0.3244	A	3.3
4	☐	1250.000	1269.963	12691254.81	0.8137	A	0.2
5	☐	2500.000	2500.918	25568613.23	1.6024	A	1.2
6	☐	5000.000	4963.915	51489233.68	3.1805	A	0.6
7	☐	10000.000	10015.004	105254831.77	6.4169	A	1.5
8	☐			15157.96	0.0009	P	5.9

y = 6.4073E-004 * x + 1.6259E-005
R = 1.0000
DL = 0.00333
BEC = 0.02538

Weight: <None>
Min Conc: 0

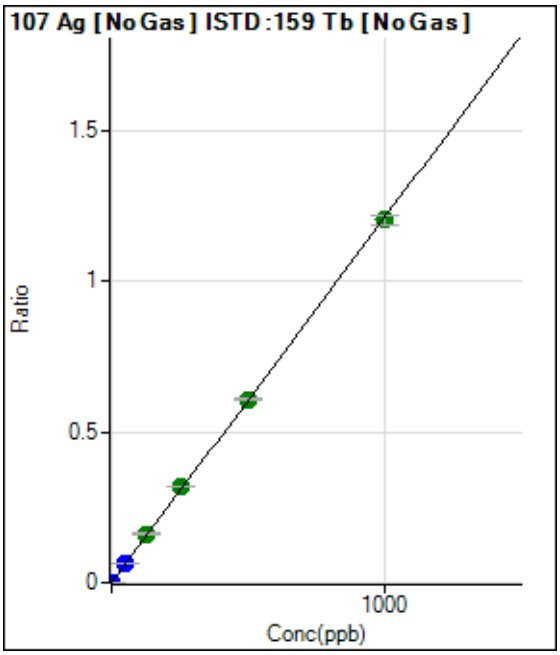


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2840.31	0.0003	P	1.4
2	☐	1.000	1.316	3171.49	0.0003	P	2.3
3	☐	50.000	53.028	17343.75	0.0016	P	1.9
4	☐	125.000	132.175	40271.21	0.0036	P	1.1
5	☐	250.000	259.634	77163.32	0.0068	P	0.3
6	☐	500.000	503.300	152359.35	0.0129	P	0.9
7	☐	1000.000	994.893	303905.77	0.0253	P	2.7
8	☐			3278.18	0.0003	P	2.3

y = 2.5121E-005 * x + 2.5907E-004
R = 0.9999
DL = 0.4327
BEC = 10.31

Weight: <None>
Min Conc: 0

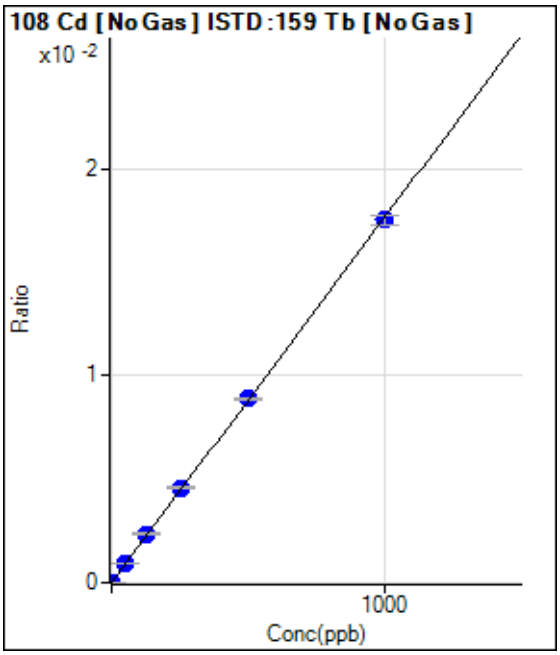
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	24.
2	☐	1.000	0.960	12678.95	0.0012	P	0.7
3	☐	50.000	52.882	698162.87	0.0641	P	3.6
4	☐	125.000	134.049	1827213.92	0.1624	A	0.6
5	☐	250.000	263.882	3637764.36	0.3197	A	0.5
6	☐	500.000	502.275	7186001.70	0.6085	A	0.8
7	☐	1000.000	994.117	14495045.34	1.2044	A	2.4
8	☐			1971.27	0.0002	P	5.3

y = 0.0012 * x + 5.3762E-006
R = 0.9999
DL = 0.003199
BEC = 0.004438

Weight: <None>
Min Conc: 0

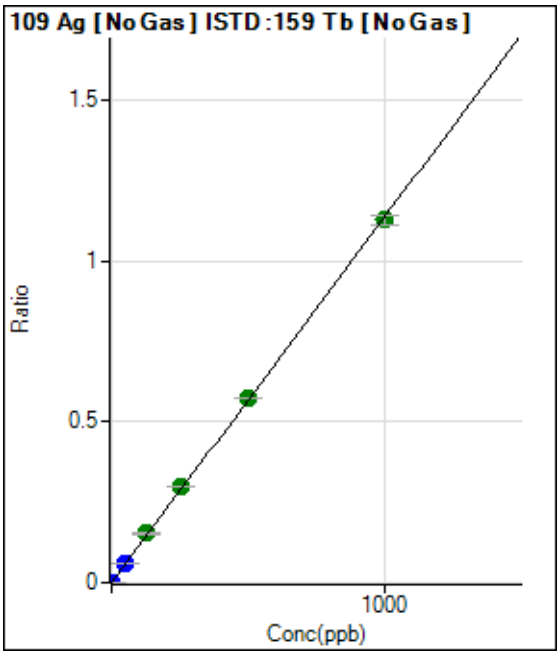


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	32.
2	☐	1.000	0.958	193.34	0.0000	P	13.
3	☐	50.000	51.515	9909.02	0.0009	P	4.1
4	☐	125.000	133.756	26549.91	0.0024	P	1.6
5	☐	250.000	260.700	52323.89	0.0046	P	1.5
6	☐	500.000	504.376	105044.39	0.0089	P	0.5
7	☐	1000.000	993.967	210955.96	0.0175	P	2.8
8	☐			104.45	0.0000	P	6.9

y = 1.7634E-005 * x + 9.1062E-007
R = 0.9999
DL = 0.05049
BEC = 0.05164

Weight: <None>
Min Conc: 0

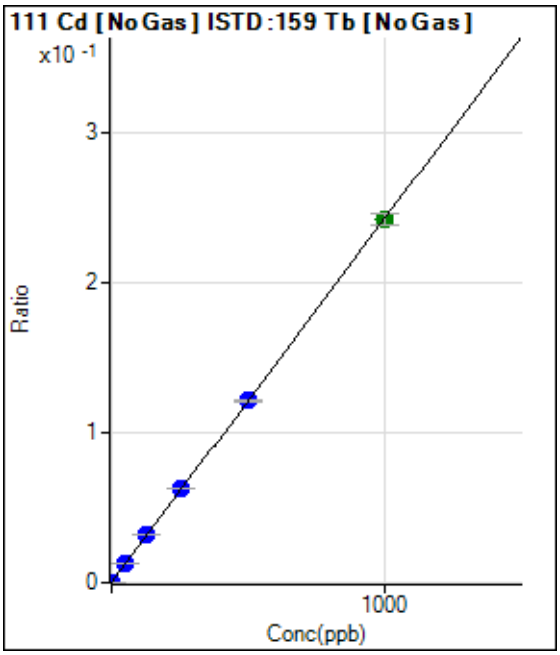
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	35.
2	☐	1.000	0.978	12092.91	0.0011	P	1.4
3	☐	50.000	52.953	655591.22	0.0602	P	3.7
4	☐	125.000	134.226	1715868.90	0.1525	A	0.1
5	☐	250.000	263.307	3404237.69	0.2992	A	1.5
6	☐	500.000	505.154	6777644.76	0.5739	A	0.4
7	☐	1000.000	992.795	13575087.58	1.1280	A	2.8
8	☐			1862.37	0.0002	P	10.

y = 0.0011 * x + 2.5376E-006
R = 0.9999
DL = 0.002353
BEC = 0.002234

Weight: <None>
Min Conc: 0

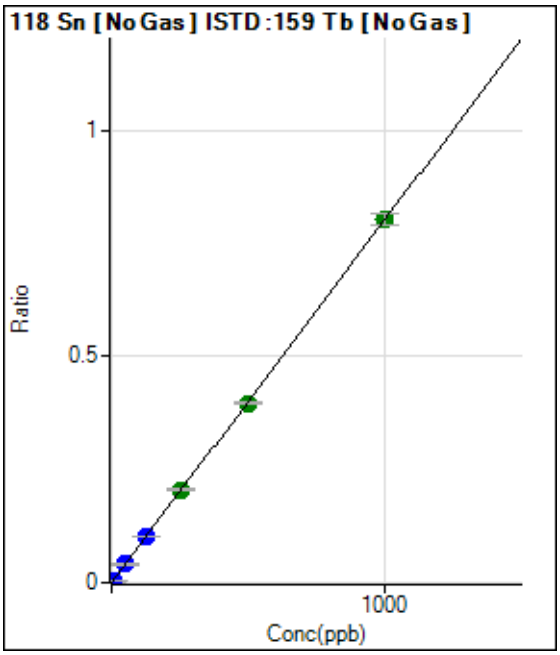


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1991.21	0.0002	P	1.2
2	☐	1.000	1.061	4762.76	0.0004	P	3.0
3	☐	50.000	52.296	140008.26	0.0128	P	3.3
4	☐	125.000	131.272	359771.51	0.0320	P	0.5
5	☐	250.000	258.003	713129.89	0.0627	P	1.0
6	☐	500.000	499.743	1431464.98	0.1212	P	0.6
7	☐	1000.000	997.229	2908822.67	0.2417	A	3.3
8	☐			2719.40	0.0002	P	2.6

y = 2.4220E-004 * x + 1.8162E-004
R = 1.0000
DL = 0.02807
BEC = 0.7499

Weight: <None>
Min Conc: 0

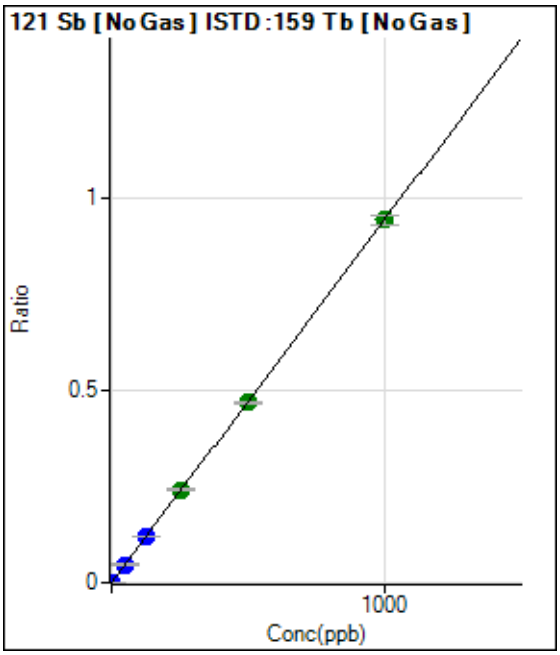
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2125.74	0.0002	P	2.7
2	☐	5.000	4.744	43377.30	0.0040	P	1.5
3	☐	50.000	50.653	444371.35	0.0408	P	3.6
4	☐	125.000	127.622	1152721.21	0.1025	P	1.1
5	☐	250.000	255.605	2332725.12	0.2050	A	2.0
6	☐	500.000	494.725	4683263.89	0.3966	A	1.0
7	☐	1000.000	1000.877	9653769.65	0.8022	A	3.1
8	☐			6280.32	0.0005	P	3.8

y = 8.0126E-004 * x + 1.9392E-004
R = 1.0000
DL = 0.01971
BEC = 0.242

Weight: <None>
Min Conc: 0

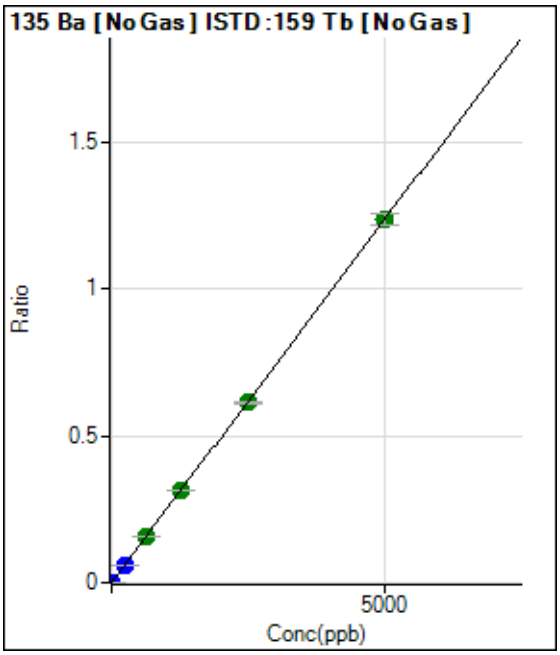


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.44	0.0000	P	32.
2	☐	2.000	1.980	20346.70	0.0019	P	1.0
3	☐	50.000	50.224	516586.87	0.0474	P	3.6
4	☐	125.000	126.877	1347418.72	0.1198	P	0.9
5	☐	250.000	256.632	2756275.05	0.2422	A	1.4
6	☐	500.000	496.718	5536303.74	0.4688	A	0.8
7	☐	1000.000	999.737	11356370.53	0.9436	A	2.5
8	☐			8252.44	0.0007	P	1.0

y = 9.4383E-004 * x + 4.9710E-006
R = 1.0000
DL = 0.005057
BEC = 0.005267

Weight: <None>
Min Conc: 0

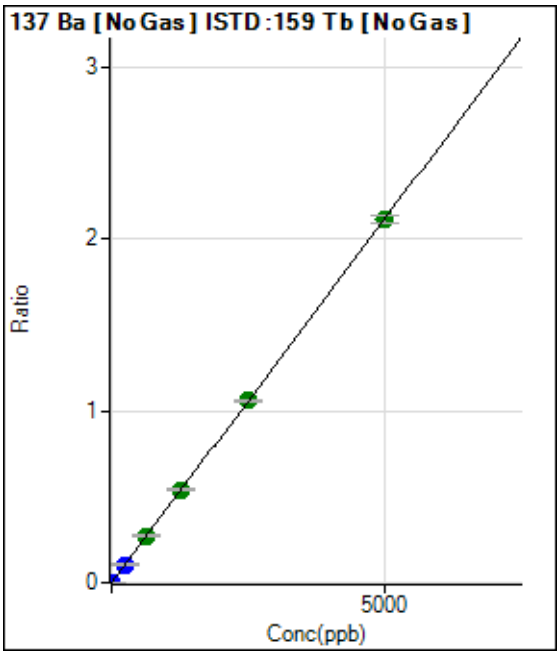
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0000	P	16.
2	☐	10.000	9.178	24817.25	0.0023	P	1.3
3	☐	250.000	246.352	664229.83	0.0610	P	3.7
4	☐	625.000	644.355	1793654.00	0.1594	A	1.3
5	☐	1250.000	1276.650	3593802.41	0.3158	A	0.4
6	☐	2500.000	2487.169	7266015.31	0.6153	A	1.3
7	☐	5000.000	4997.518	14878586.72	1.2363	A	3.4
8	☐			6435.95	0.0006	P	2.5

y = 2.4739E-004 * x + 1.5192E-005
R = 1.0000
DL = 0.03084
BEC = 0.06141

Weight: <None>
Min Conc: 0

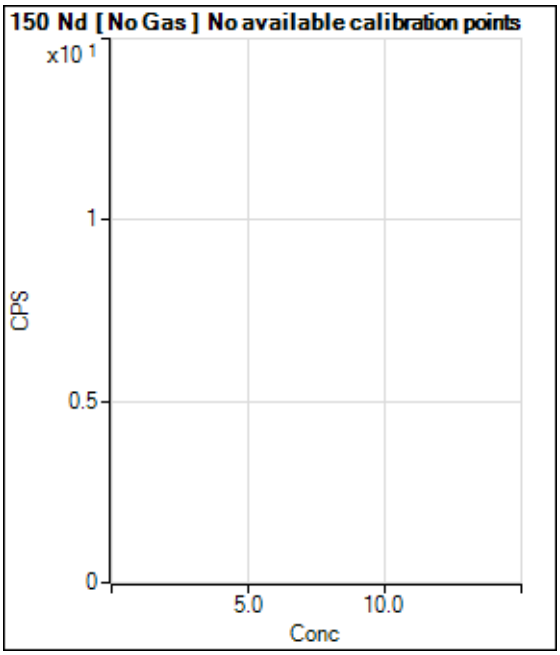


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.34	0.0000	P	16.
2	☐	10.000	9.393	43327.01	0.0040	P	1.6
3	☐	250.000	248.116	1143252.80	0.1049	P	3.4
4	☐	625.000	644.964	3068137.07	0.2727	A	2.2
5	☐	1250.000	1274.133	6129800.88	0.5387	A	2.0
6	☐	2500.000	2501.775	12489895.64	1.0577	A	1.5
7	☐	5000.000	4990.679	25394765.73	2.1099	A	2.0
8	☐			10882.04	0.0009	P	2.1

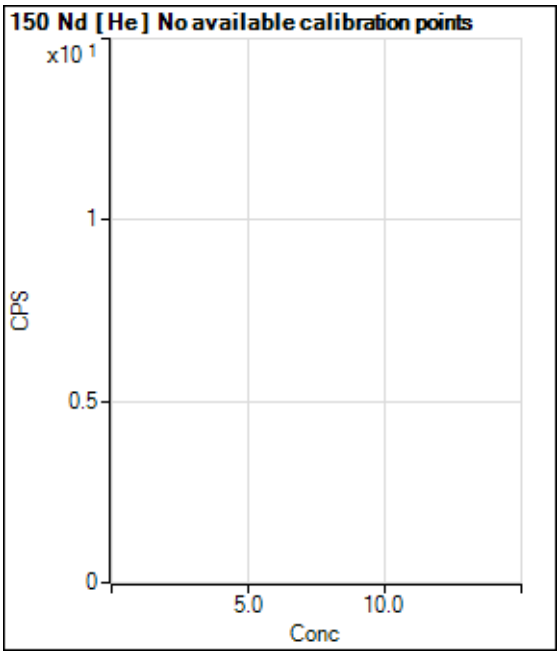
y = 4.2276E-004 * x + 1.9442E-005
R = 1.0000
DL = 0.02295
BEC = 0.04599

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

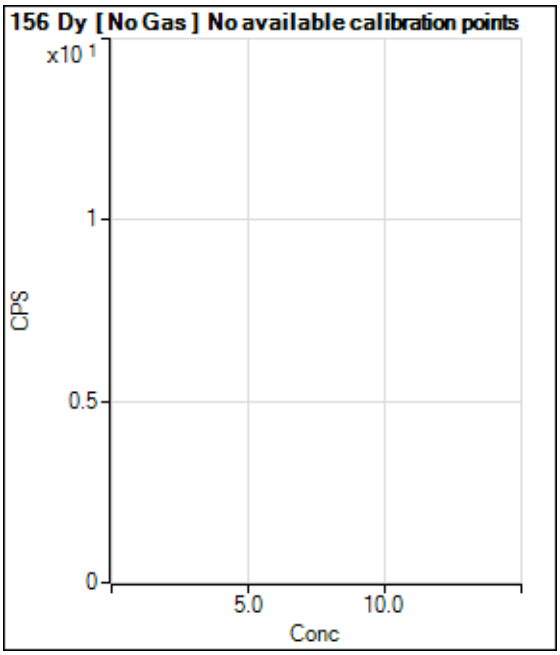


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.55		P	69.
2	☐			8.89		P	57.
3	☐			35.56		P	28.
4	☐			98.89		P	20.
5	☐			131.11		P	3.9
6	☐			304.45		P	24.
7	☐			568.91		P	5.8
8	☐			214.45		P	12.

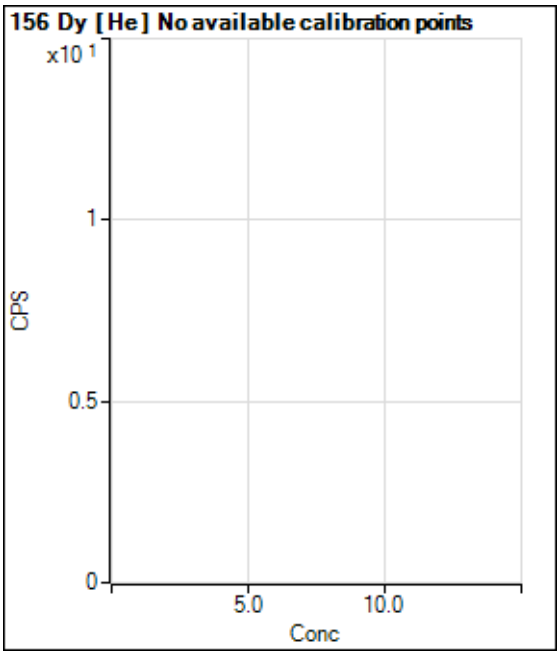


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.
2	☐			7.78		P	24.
3	☐			10.00		P	57.
4	☐			17.78		P	10.
5	☐			41.11		P	12.
6	☐			80.00		P	36.
7	☐			148.89		P	32.
8	☐			137.78		P	3.7

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

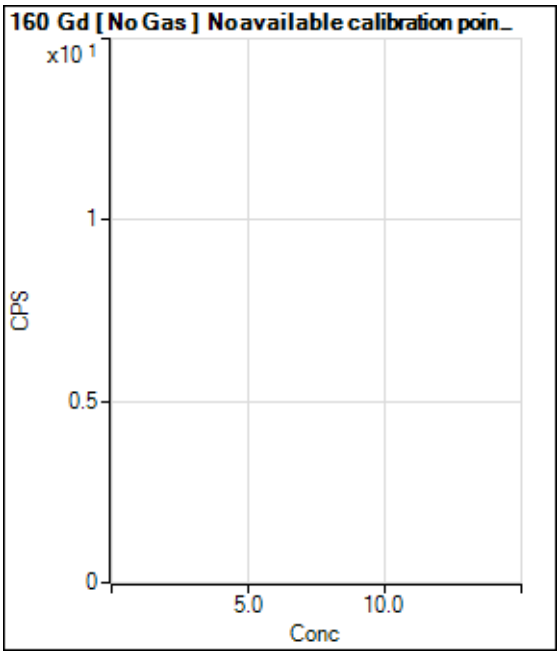


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			904.48		P	5.7
2	☐			888.93		P	8.1
3	☐			970.04		P	3.7
4	☐			1051.16		P	7.9
5	☐			1160.06		P	7.3
6	☐			1236.73		P	3.5
7	☐			1393.42		P	3.5
8	☐			1376.75		P	4.0

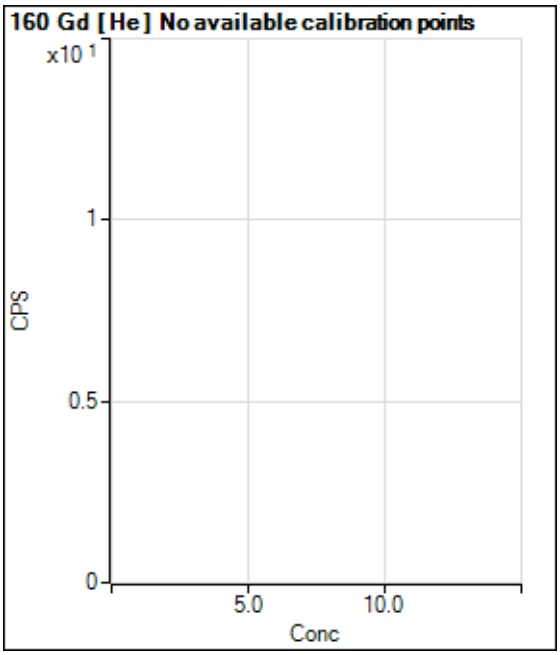


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			200.01		P	23.
2	☐			212.23		P	0.9
3	☐			234.45		P	7.8
4	☐			312.23		P	7.1
5	☐			423.34		P	2.1
6	☐			533.35		P	6.3
7	☐			828.92		P	1.8
8	☐			552.24		P	6.3

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

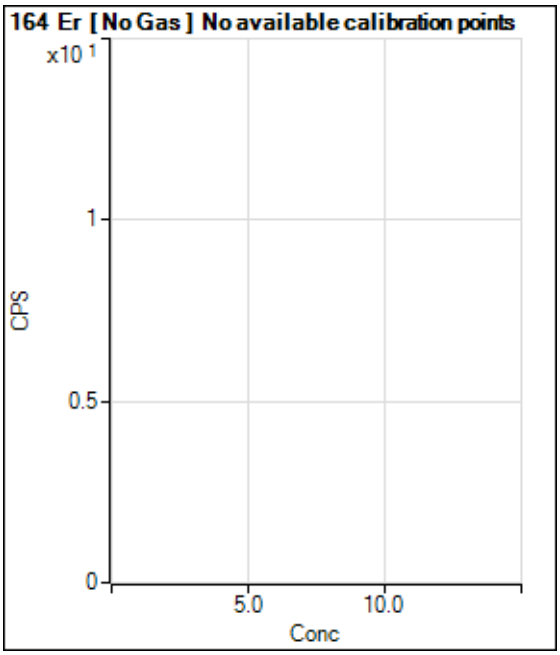


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			47.78		P	40.
2	☐			44.45		P	15.
3	☐			64.44		P	15.
4	☐			61.11		P	36.
5	☐			80.00		P	32.
6	☐			113.33		P	33.
7	☐			154.45		P	28.
8	☐			425.57		P	10.

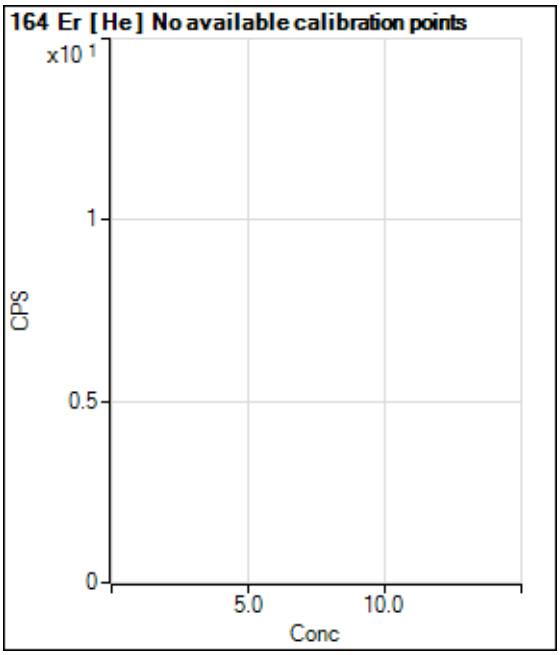


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			275.56		P	4.6
2	☐			285.56		P	12.
3	☐			311.12		P	14.
4	☐			314.45		P	8.0
5	☐			332.23		P	3.1
6	☐			312.23		P	9.7
7	☐			416.68		P	8.5
8	☐			532.24		P	12.

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

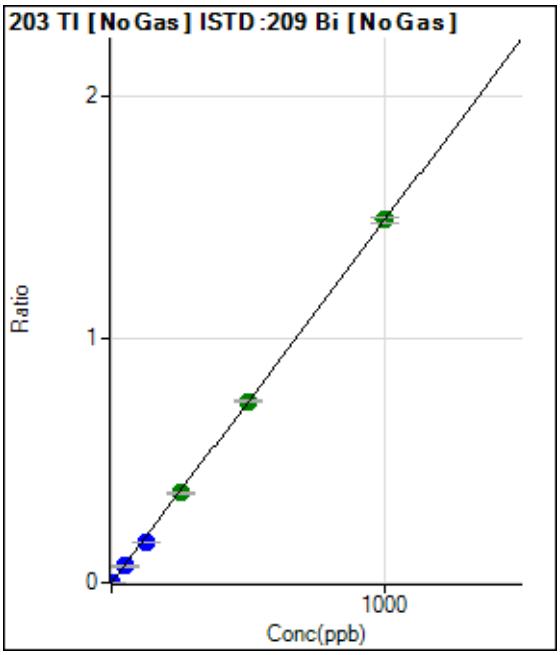


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			76.67		P	31.
2	☐			67.78		P	17.
3	☐			94.45		P	8.9
4	☐			88.89		P	2.2
5	☐			115.56		P	13.
6	☐			153.34		P	10.
7	☐			216.67		P	5.5
8	☐			508.91		P	1.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			50.00		P	6.7
2	☐			60.00		P	14.
3	☐			58.89		P	43.
4	☐			84.44		P	14.
5	☐			65.55		P	16.
6	☐			76.67		P	18.
7	☐			158.89		P	5.3
8	☐			356.68		P	6.5

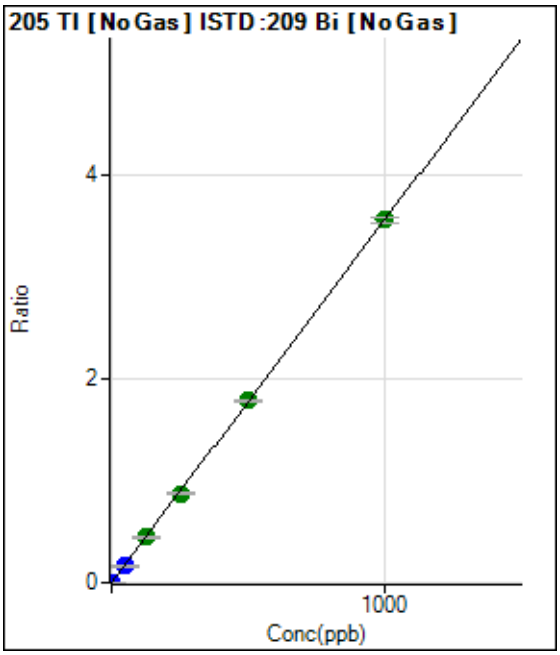
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.90	0.0001	P	1.6
2	☐	1.000	0.859	8672.84	0.0013	P	0.6
3	☐	50.000	45.473	436754.38	0.0677	P	3.8
4	☐	125.000	113.666	1145017.21	0.1691	P	0.1
5	☐	250.000	247.766	2520009.31	0.3685	A	2.2
6	☐	500.000	501.574	5134084.16	0.7460	A	1.3
7	☐	1000.000	1001.415	10463536.30	1.4894	A	1.4
8	☐			1440.09	0.0002	P	10.

y = 0.0015 * x + 5.1539E-005
R = 0.9999
DL = 0.001646
BEC = 0.03465

Weight: <None>
Min Conc: 0

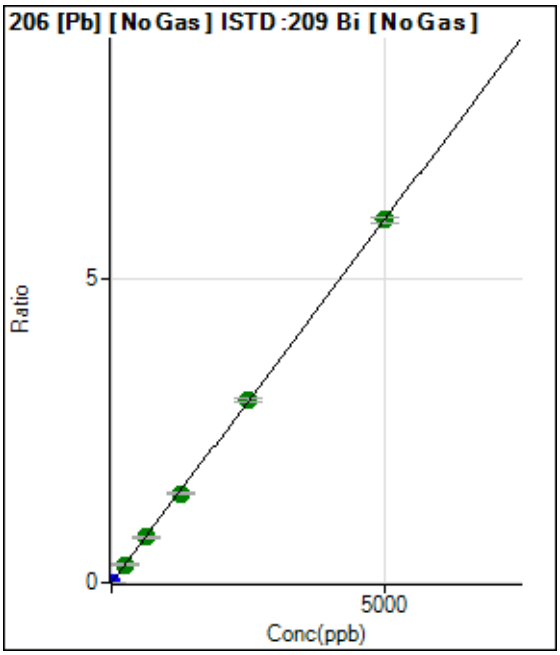


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	835.59	0.0001	P	2.8
2	☐	1.000	0.858	20741.49	0.0032	P	1.1
3	☐	50.000	45.763	1051048.52	0.1629	P	4.3
4	☐	125.000	124.847	3007740.93	0.4442	A	1.1
5	☐	250.000	244.732	5952372.48	0.8705	A	2.6
6	☐	500.000	501.427	12274006.90	1.7835	A	1.2
7	☐	1000.000	1000.835	25006949.07	3.5597	A	1.7
8	☐			3394.90	0.0006	P	11.

y = 0.0036 * x + 1.2711E-004
R = 1.0000
DL = 0.00295
BEC = 0.03574

Weight: <None>
Min Conc: 0

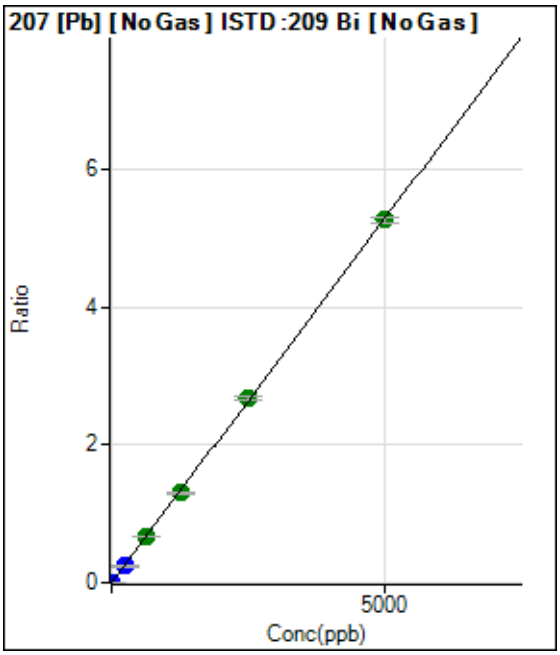
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	444.46	0.0001	P	9.3
2	☐	1.000	0.878	7279.79	0.0011	P	4.5
3	☐	250.000	248.769	1915749.15	0.2969	A	5.4
4	☐	625.000	623.516	5039861.04	0.7442	A	2.6
5	☐	1250.000	1224.968	9996131.45	1.4619	A	2.7
6	☐	2500.000	2514.021	20648267.75	3.0003	A	2.4
7	☐	5000.000	4999.495	41916139.93	5.9664	A	1.2
8	☐			7419.87	0.0012	P	4.9

y = 0.0012 * x + 6.7646E-005
R = 1.0000
DL = 0.01575
BEC = 0.05668

Weight: <None>
Min Conc: 0

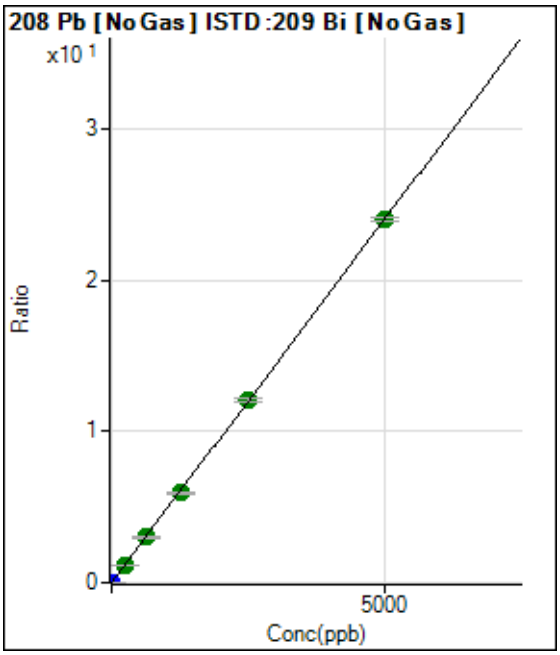


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	364.45	0.0001	P	6.8
2	☐	1.000	0.880	6417.13	0.0010	P	1.4
3	☐	250.000	228.915	1558258.47	0.2415	P	4.2
4	☐	625.000	624.026	4457144.52	0.6582	A	0.8
5	☐	1250.000	1239.325	8937956.67	1.3072	A	2.3
6	☐	2500.000	2531.894	18377974.17	2.6704	A	1.7
7	☐	5000.000	4987.898	36959287.50	5.2608	A	1.4
8	☐			6448.26	0.0010	P	4.1

y = 0.0011 * x + 5.5370E-005
R = 1.0000
DL = 0.01079
BEC = 0.0525

Weight: <None>
Min Conc: 0

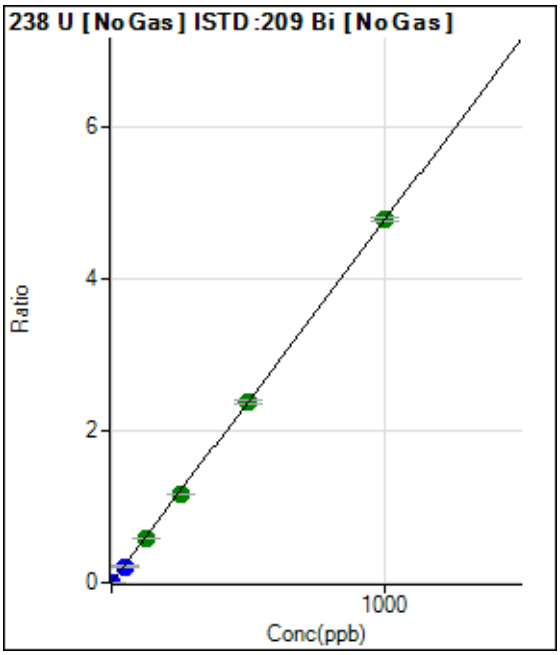
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On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1776.73	0.0003	P	1.8
2	☐	1.000	0.864	28837.68	0.0044	P	0.6
3	☐	250.000	244.638	7582658.05	1.1751	A	4.2
4	☐	625.000	622.831	20256274.77	2.9913	A	1.3
5	☐	1250.000	1236.926	40618958.63	5.9405	A	2.3
6	☐	2500.000	2518.627	83242558.48	12.0957	A	1.6
7	☐	5000.000	4994.494	168516353.88	23.9857	A	1.0
8	☐			29111.28	0.0047	P	3.0

y = 0.0048 * x + 2.7022E-004
R = 1.0000
DL = 0.003106
BEC = 0.05627

Weight: <None>
Min Conc: 0

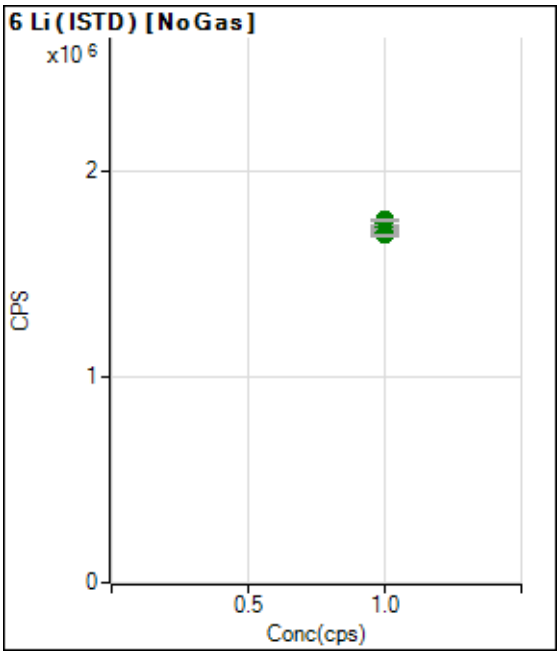


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	142.22	0.0000	P	12.
2	☐	1.000	0.841	26333.81	0.0040	P	1.1
3	☐	50.000	44.231	1361841.11	0.2110	P	4.2
4	☐	125.000	123.670	3995538.76	0.5900	A	0.8
5	☐	250.000	243.958	7959163.21	1.1639	A	1.8
6	☐	500.000	500.934	16447323.09	2.3899	A	1.9
7	☐	1000.000	1001.498	33568309.22	4.7781	A	1.0
8	☐			1852.37	0.0003	P	9.1

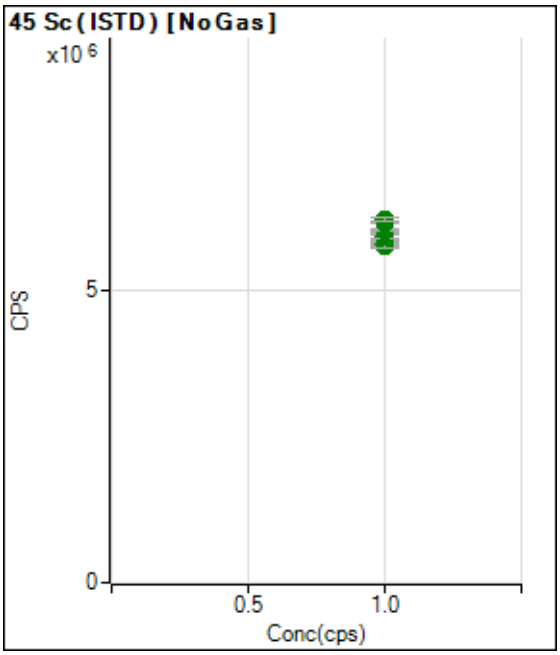
y = 0.0048 * x + 2.1659E-005
R = 1.0000
DL = 0.001748
BEC = 0.00454

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

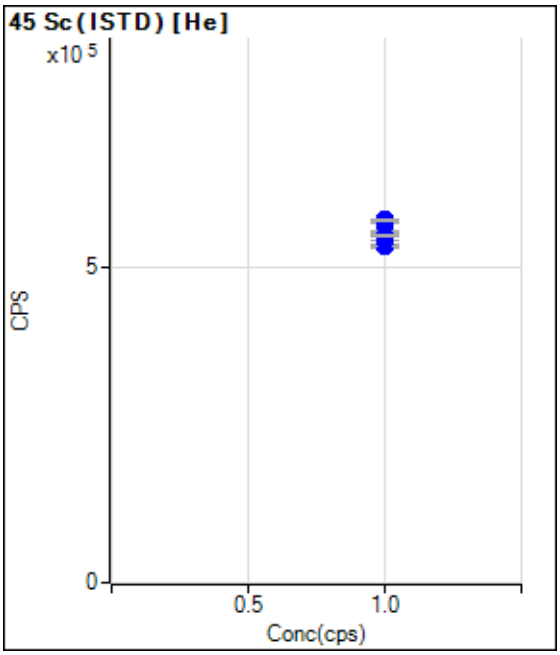


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1704808.10		A	0.3
2	☐	1.000		1711129.31		A	1.1
3	☐	1.000		1705708.05		A	3.1
4	☐	1.000		1724907.54		A	1.7
5	☐	1.000		1748353.36		A	1.6
6	☐	1.000		1729200.29		A	1.1
7	☐	1.000		1764449.35		A	0.6
8	☐	1.000		1689504.94		A	0.6

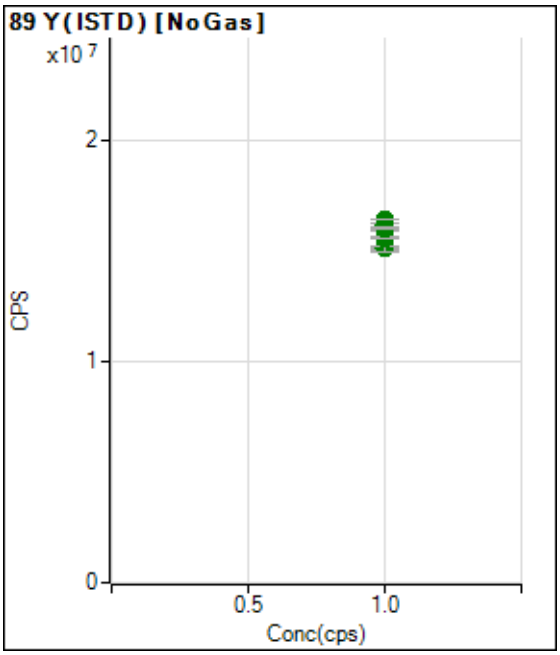


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5780840.40		A	1.2
2	☐	1.000		5759011.09		A	0.9
3	☐	1.000		5780854.36		A	2.0
4	☐	1.000		5902070.88		A	1.0
5	☐	1.000		5995548.80		A	0.3
6	☐	1.000		6028878.66		A	0.7
7	☐	1.000		6153103.45		A	0.3
8	☐	1.000		6194426.09		A	1.0

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

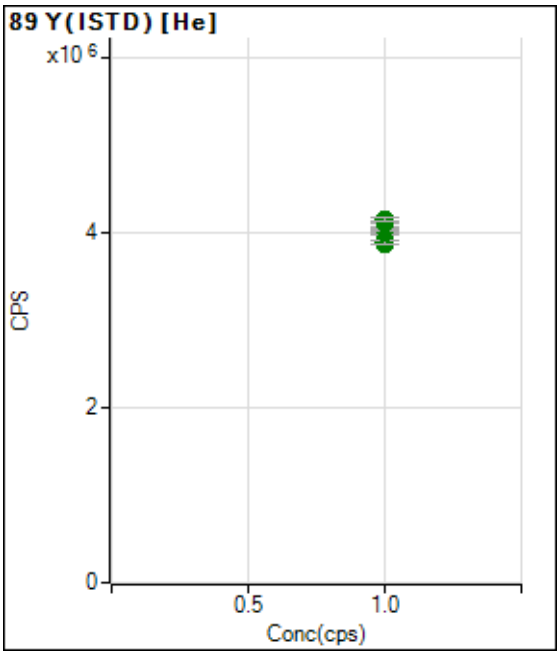


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1	☐	1.000		533844.86		P	0.6
2	☐	1.000		537168.39		P	0.5
3	☐	1.000		544213.46		P	0.2
4	☐	1.000		555184.85		P	0.3
5	☐	1.000		557809.67		P	0.2
6	☐	1.000		550731.46		P	0.7
7	☐	1.000		572564.05		P	0.2
8	☐	1.000		576506.35		P	0.3

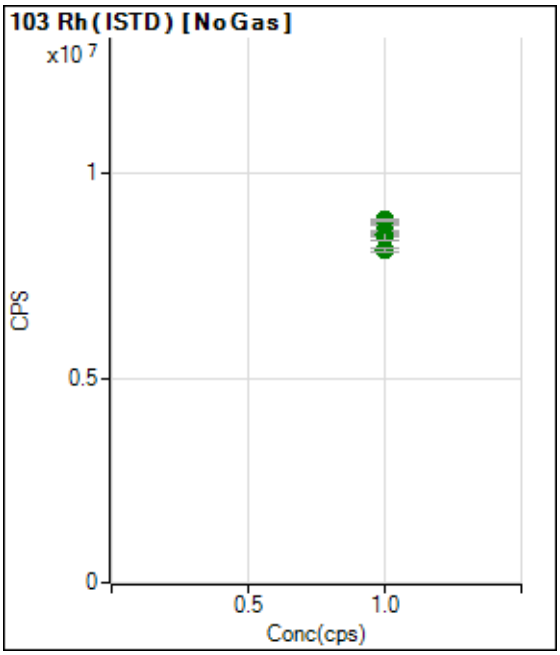


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15099982.97		A	0.9
2	☐	1.000		15167038.11		A	0.1
3	☐	1.000		15119039.64		A	1.8
4	☐	1.000		15596432.82		A	0.8
5	☐	1.000		15955017.26		A	0.9
6	☐	1.000		16188689.90		A	0.8
7	☐	1.000		16402631.98		A	0.1
8	☐	1.000		16020556.57		A	0.4

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

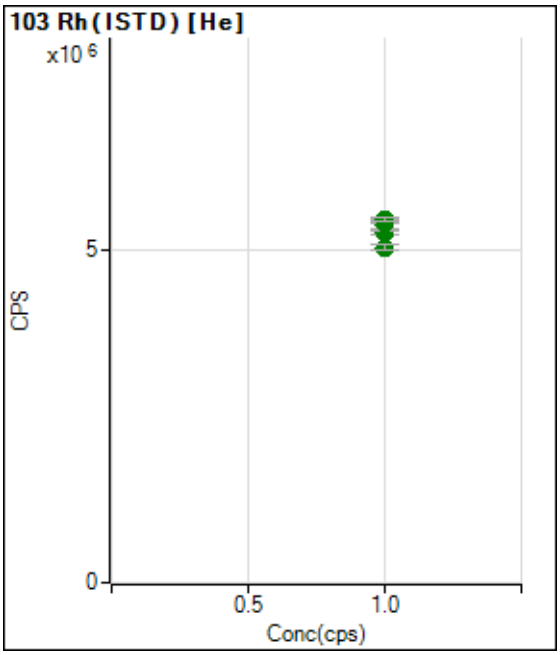


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2	☐	1.000		3867100.64		A	0.2
3	☐	1.000		3889543.03		A	0.8
4	☐	1.000		3992674.94		A	0.5
5	☐	1.000		4052438.06		A	0.4
6	☐	1.000		4034897.09		A	0.4
7	☐	1.000		4118069.90		A	0.6
8	☐	1.000		4145419.21		A	1.2

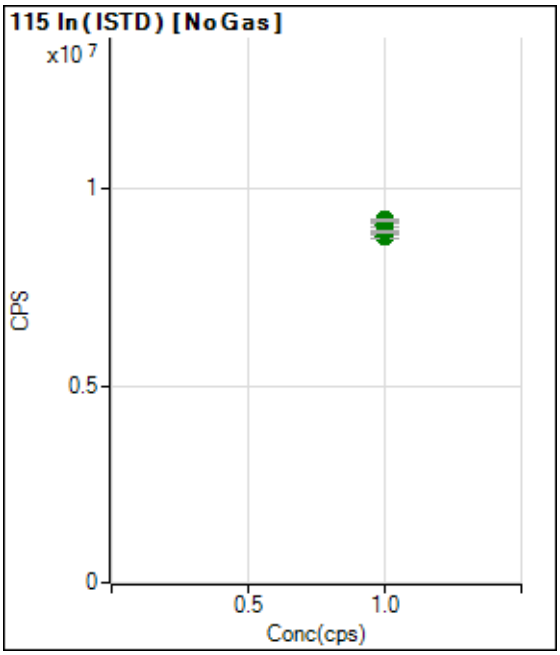


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1	☐	1.000		8515670.22		A	1.1
2	☐	1.000		8475568.27		A	1.0
3	☐	1.000		8492931.89		A	2.8
4	☐	1.000		8734754.73		A	0.2
5	☐	1.000		8766505.22		A	0.4
6	☐	1.000		8731070.22		A	0.4
7	☐	1.000		8862464.87		A	0.5
8	☐	1.000		8126300.02		A	1.1

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

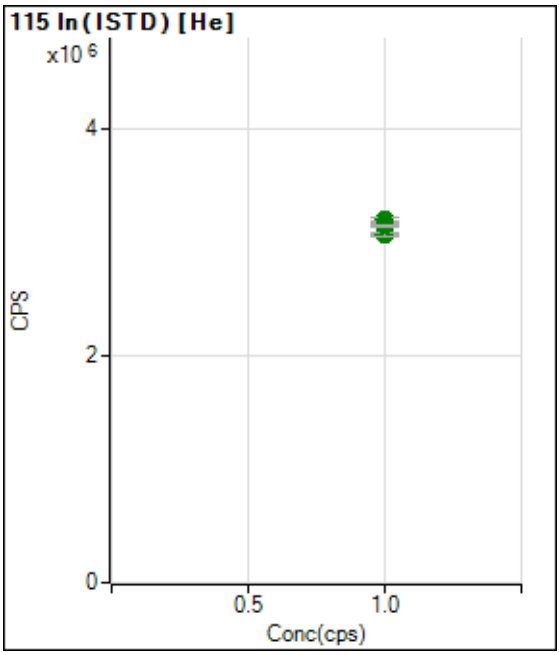


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1	☐	1.000		5357786.76		A	1.3
2	☐	1.000		5261733.67		A	1.0
3	☐	1.000		5288343.57		A	0.8
4	☐	1.000		5414936.66		A	0.9
5	☐	1.000		5437780.13		A	0.6
6	☐	1.000		5397526.03		A	0.3
7	☐	1.000		5445716.45		A	1.2
8	☐	1.000		5035449.99		A	1.4

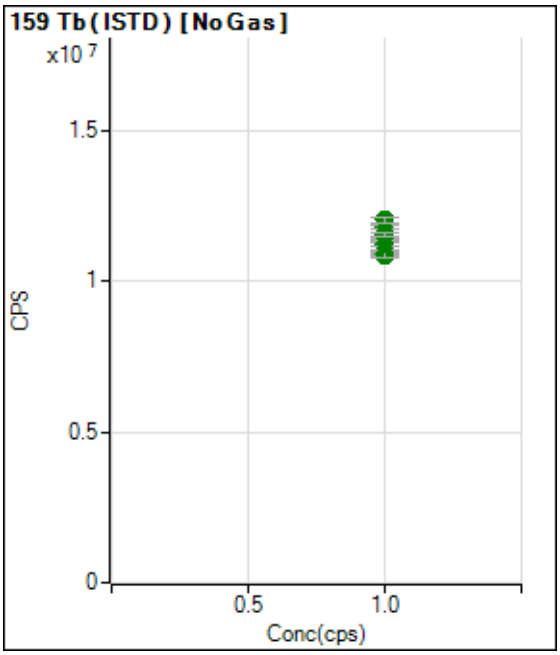


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1	☐	1.000		8878797.81		A	0.6
2	☐	1.000		8793832.24		A	1.1
3	☐	1.000		8791956.93		A	1.8
4	☐	1.000		9069013.63		A	0.8
5	☐	1.000		9072638.82		A	1.4
6	☐	1.000		9166716.84		A	0.4
7	☐	1.000		9206353.47		A	0.5
8	☐	1.000		8912923.17		A	0.4

Reviewed By:Mohan
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Inst Id :P7

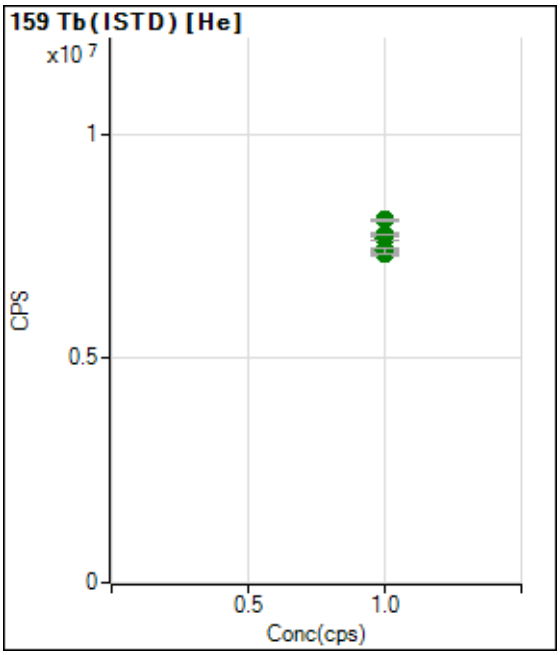


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1	☐	1.000		3057000.99		A	0.3
2	☐	1.000		3072235.72		A	0.7
3	☐	1.000		3068590.12		A	1.4
4	☐	1.000		3169530.57		A	1.1
5	☐	1.000		3194761.62		A	1.2
6	☐	1.000		3142468.06		A	1.1
7	☐	1.000		3170586.20		A	0.6
8	☐	1.000		3142365.37		A	0.9

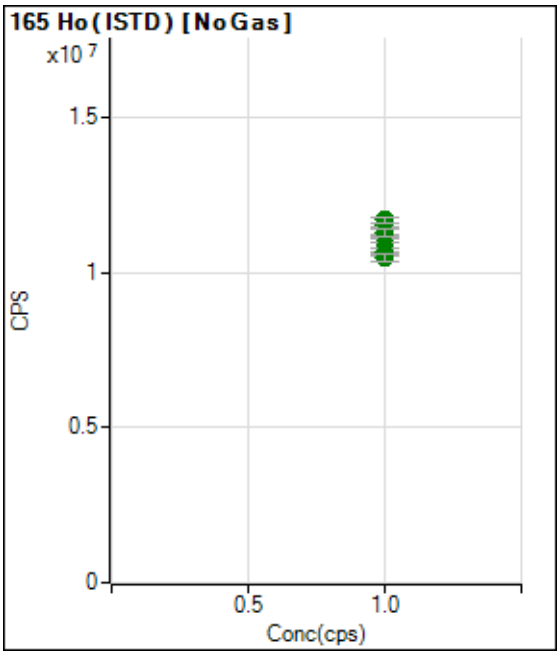


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10963545.67		A	0.8
2	☐	1.000		10856974.00		A	0.4
3	☐	1.000		10902627.13		A	2.4
4	☐	1.000		11251447.33		A	1.2
5	☐	1.000		11378692.89		A	0.6
6	☐	1.000		11809186.77		A	1.0
7	☐	1.000		12038234.82		A	1.5
8	☐	1.000		11575901.63		A	1.1

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

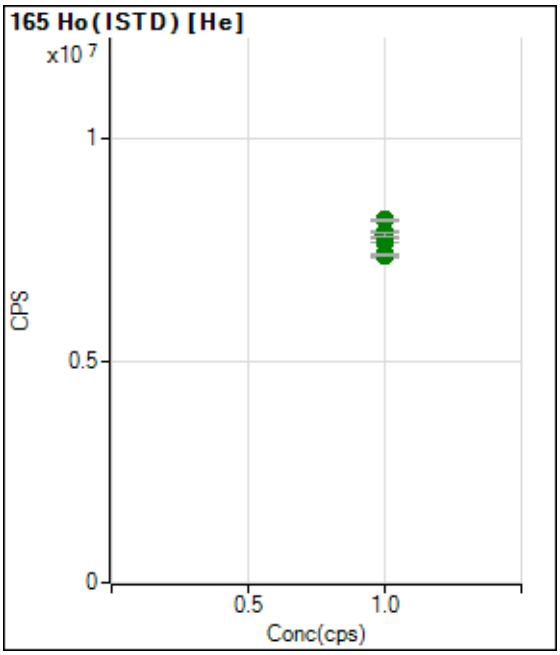


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7406518.71		A	0.5
2	☐	1.000		7321809.41		A	0.9
3	☐	1.000		7411851.28		A	1.9
4	☐	1.000		7682797.25		A	1.0
5	☐	1.000		7780387.59		A	0.9
6	☐	1.000		7775636.97		A	1.3
7	☐	1.000		8089600.99		A	0.3
8	☐	1.000		7763275.51		A	0.2

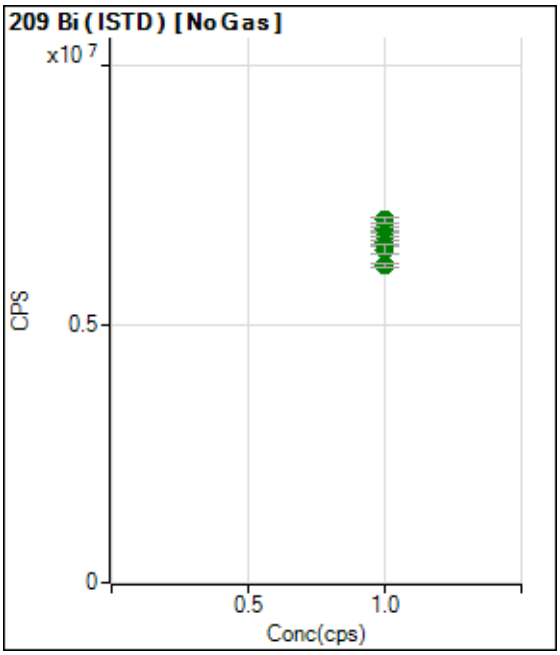


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10595088.11		A	1.6
2	☐	1.000		10684557.13		A	1.7
3	☐	1.000		10483334.36		A	2.1
4	☐	1.000		10970775.25		A	0.3
5	☐	1.000		11164703.17		A	1.3
6	☐	1.000		11544438.02		A	1.0
7	☐	1.000		11699585.66		A	1.3
8	☐	1.000		11267179.69		A	2.1

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On:10/25/2024 3:10:05 PM
Inst Id :P7

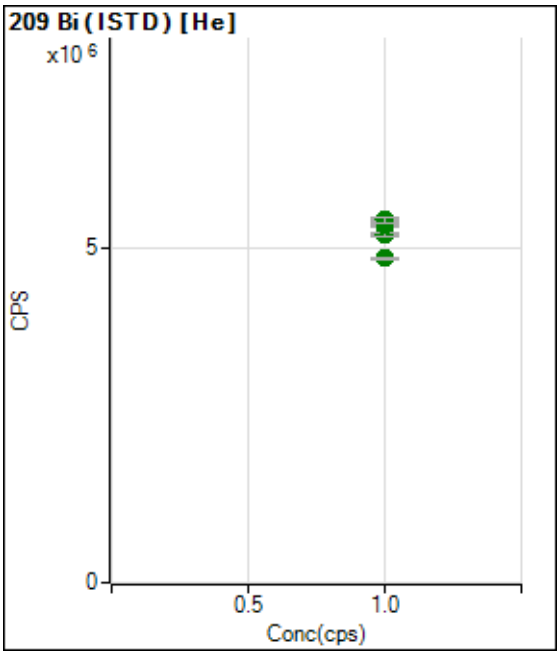


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7363712.67		A	0.9
2	☐	1.000		7408231.21		A	0.8
3	☐	1.000		7396964.96		A	0.5
4	☐	1.000		7675551.62		A	0.4
5	☐	1.000		7782844.47		A	0.9
6	☐	1.000		7911685.02		A	0.9
7	☐	1.000		8184203.35		A	0.7
8	☐	1.000		7845263.14		A	1.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6576120.11		A	2.1
2	☐	1.000		6526109.00		A	0.4
3	☐	1.000		6457713.72		A	2.8
4	☐	1.000		6771177.05		A	1.6
5	☐	1.000		6838788.51		A	1.5
6	☐	1.000		6881931.84		A	0.3
7	☐	1.000		7026269.96		A	1.6
8	☐	1.000		6150625.81		A	1.3

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5222632.63		A	0.5
2	☐	1.000		5207647.84		A	0.2
3	☐	1.000		5213503.05		A	0.8
4	☐	1.000		5353137.73		A	0.7
5	☐	1.000		5387422.00		A	1.5
6	☐	1.000		5395767.56		A	0.4
7	☐	1.000		5428914.15		A	1.3
8	☐	1.000		4852518.92		A	0.5

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7
ClientSampleId :TUNE004

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7102524-MS.b
Acq. Date-Time	2024-10-25 02:00:49
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		13308	133076.50			0.561	5.000
24		428643	4286427.53			0.479	5.000
25		59755	597553.75			0.448	5.000
26		69575	695747.53			3.575	5.000
59		87708	877078.00			0.603	5.000
113		6148	61477.37			1.463	5.000
115		135607	1356068.41			1.535	5.000
206		25201	252011.91			1.951	5.000
207		20992	209915.03			1.632	5.000
208		51547	515465.71			1.979	5.000
220		1	8.80			20.328	

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	13359	13384	13327	13271	13197
24	428938	430041	428874	430224	425137
25	59555	60003	59847	59974	59397
26	69093	73952	67974	68703	68151
59	88041	87724	88395	87178	87201
113	6276	6177	6124	6135	6027
115	138092	137054	134725	135430	132734
206	25829	25389	25287	25000	24502
207	21499	21043	21067	20640	20709
208	52814	52097	51782	50735	50305

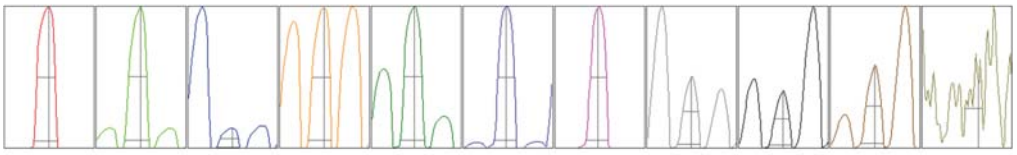
Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7
ClientSampleId :TUNE004

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	22629.71	9.00	8.90 - 9.10	
24	747768.81	24.00	23.90 - 24.10	
25	104873.87	25.00	24.90 - 25.10	
26	116415.48	26.00	25.90 - 26.10	
59	150367.64	58.95	58.90 - 59.10	
113	11455.03	112.95	112.90 - 113.10	
115	255363.27	114.95	114.90 - 115.10	
206	50693.24	206.00	205.90 - 206.10	
207	42179.50	207.00	206.90 - 207.10	
208	103428.75	208.00	207.90 - 208.10	
220	0.95	220.40	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.781	0.900	
24	0.61	0.819	0.900	
25	0.61	0.766	0.900	
26	0.62	0.779	0.900	
59	0.61	0.813	0.900	
113	0.55	0.746	0.900	
115	0.53	0.752	0.900	
206	0.51	0.764	0.900	
207	0.50	0.768	0.900	
208	0.52	0.772	0.900	
220	0.59			

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

Tune Parameters

Plasma Parameters

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

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7
ClientSampleId :TUNE004

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.3 V	Deflect	14.6 V
Extract 2	-235.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-110 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	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		32092	320918.03			0.631	
89		144744	1447438.61			0.487	
205		36232	362321.75			0.680	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	32414	32083	32002	32096	31864
89	145750	144991	144833	144093	144052
205	36455	36100	35987	36082	36537

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

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7
ClientSampleId :TUNE004

US EPA Tune Check Report

Extract 2	-215.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9979	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 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	0.13	-0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.02	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.11	-0.06	0.16	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.00	0.01	0.00	N/A	ppb
Calcium	43-1	-0.33	0.16	0.16	0.00	N/A	ppb
Calcium	44-1	0.78	-0.45	-0.33	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	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.07	-0.04	-0.03	0.00	N/A	ppb
Iron	57-2	0.63	0.17	-0.81	0.00	N/A	ppb
Iron	54-2	-0.16	0.77	-0.60	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.01	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	0.05	-0.06	0.01	0.00	N/A	ppb
Manganese	55-2	-0.02	0.02	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-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	0.02	0.00	N/A	ppb
Phosphorus	31-2	-17.16	-20.27	-18.16	-18.53		ppb
Potassium	39-2	0.86	0.29	-1.15	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.36	-0.11	0.46	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Silicon	28-1	0.02	-0.02	0.00	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	0.45	-0.63	0.17	0.00	N/A	ppb
Strontium	86-1	0.00	-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	-36.11	-223.03	-141.46	-133.54		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	N/A	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.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	-0.04	0.06	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.96	20.57	20.32	20.28	1.51	ppb
Antimony	121-1	1.97	1.97	2.00	1.98	1.03	ppb
Arsenic	75-2	0.90	1.07	0.92	0.96	9.86	ppb
Barium	135-1	9.05	9.28	9.21	9.18	1.28	ppb
Barium	137-1	9.23	9.52	9.43	9.39	1.56	ppb
Beryllium	9-1	1.04	1.11	1.07	1.08	3.49	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.87	0.89	1.11	0.96	14.03	ppb
Cadmium	106-1	1.62	1.23	1.10	1.32	20.43	ppb
Cadmium	111-1	1.12	1.02	1.04	1.06	5.15	ppb
Calcium	43-1	531.18	527.58	530.35	529.70	0.36	ppb
Calcium	44-1	534.49	535.05	532.29	533.94	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.03	2.09	2.02	2.05	1.90	ppb
Cobalt	59-2	1.05	1.09	1.07	1.07	1.90	ppb
Copper	63-2	2.18	2.14	2.17	2.16	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	54.86	55.19	55.40	55.15	0.49	ppb
Iron	57-2	55.69	60.56	56.28	57.51	4.62	ppb
Iron	54-2	56.80	56.90	56.90	56.87	0.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	0.83	0.91	0.88	4.83	ppb
Lead	207-1	0.87	0.89	0.87	0.88	1.43	ppb
Lead	208-1	0.87	0.86	0.86	0.86	0.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	550.70	555.82	559.14	555.22	0.77	ppb
Manganese	55-2	1.08	1.16	1.09	1.11	3.72	ppb
Molybdenum	94-1	5.25	5.40	5.39	5.35	1.53	ppb
Molybdenum	95-1	4.43	4.45	4.48	4.45	0.61	ppb
Molybdenum	96-1	4.40	4.52	4.55	4.49	1.83	ppb
Molybdenum	97-1	4.38	4.44	4.50	4.44	1.37	ppb
Molybdenum	98-1	4.37	4.43	4.56	4.45	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.04	1.16	1.09	5.49	ppb
Phosphorus	31-2	15.60	15.46	24.53	18.53	28.04	ppb
Potassium	39-2	506.79	515.69	515.86	512.78	1.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	5.06	5.24	5.23	5.17	1.98	ppb
Selenium	77-2	5.47	5.09	4.32	4.96	11.78	ppb
Selenium	78-2	4.20	4.81	4.67	4.56	7.02	ppb
Silicon	28-1	0.97	0.87	0.92	0.92	5.13	ppb
Silver	107-1	0.97	0.95	0.96	0.96	0.66	ppb
Silver	109-1	0.98	0.96	0.99	0.98	1.45	ppb
Sodium	23-2	529.05	528.85	528.73	528.88	0.03	ppb
Strontium	86-1	1.03	0.98	0.98	0.99	2.70	ppb
Strontium	88-1	0.97	1.01	1.01	1.00	2.52	ppb
Sulfur	34-1	177.44	148.65	74.51	133.54	39.77	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.86	0.85	0.86	0.86	0.62	ppb
Thallium	205-1	0.85	0.85	0.87	0.86	1.16	ppb
Tin	118-1	4.66	4.80	4.77	4.74	1.57	ppb
Titanium	47-1	4.40	4.52	4.82	4.58	4.75	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.84	0.85	0.84	1.09	ppb
Vanadium	51-2	5.09	5.22	5.15	5.16	1.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5.88	6.34	6.87	6.36	7.80	ppb
Zirconium	90-1	0.97	0.98	1.00	0.98	1.71	ppb
Zirconium	91-1	0.97	0.98	0.94	0.96	2.05	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1020.56	1039.40	1037.17	1032.38	1.00	ppb
Antimony	121-1	48.65	49.82	52.21	50.22	3.62	ppb
Arsenic	75-2	50.96	49.46	49.63	50.02	1.64	ppb
Barium	135-1	238.73	243.87	256.46	246.35	3.70	ppb
Barium	137-1	240.49	246.69	257.17	248.12	3.40	ppb
Beryllium	9-1	53.07	53.66	57.67	54.80	4.57	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	51.94	49.22	53.38	51.51	4.10	ppb
Cadmium	106-1	51.78	53.16	54.14	53.03	2.25	ppb
Cadmium	111-1	50.59	52.20	54.10	52.30	3.36	ppb
Calcium	43-1	6079.43	6233.49	6458.83	6257.25	3.05	ppb
Calcium	44-1	5307.53	5342.46	5532.61	5394.20	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.88	52.58	52.18	52.22	0.67	ppb
Cobalt	59-2	52.36	51.82	51.73	51.97	0.66	ppb
Copper	63-2	518.69	530.95	524.78	524.81	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	2595.49	2655.19	2650.44	2633.71	1.26	ppb
Iron	57-2	2744.72	2800.13	2792.33	2779.06	1.08	ppb
Iron	54-2	2816.98	2836.01	2803.35	2818.78	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	236.33	247.13	262.85	248.77	5.36	ppb
Lead	207-1	220.76	226.42	239.56	228.91	4.21	ppb
Lead	208-1	235.69	242.31	255.91	244.64	4.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	5032.10	5028.24	4956.34	5005.56	0.85	ppb
Manganese	55-2	498.06	513.42	517.56	509.68	2.02	ppb
Molybdenum	94-1	496.83	508.93	522.88	509.55	2.56	ppb
Molybdenum	95-1	490.08	506.17	519.46	505.24	2.91	ppb
Molybdenum	96-1	487.22	504.36	517.28	502.95	3.00	ppb
Molybdenum	97-1	496.58	504.99	518.71	506.76	2.21	ppb
Molybdenum	98-1	490.74	503.88	524.23	506.28	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.47	51.72	51.77	51.65	0.31	ppb
Phosphorus	31-2	994.27	989.12	990.95	991.45	0.26	ppb
Potassium	39-2	2406.36	2428.01	2447.24	2427.20	0.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	51.02	50.99	53.70	51.90	3.00	ppb
Selenium	77-2	45.16	47.52	52.60	48.43	7.85	ppb
Selenium	78-2	53.10	45.89	48.75	49.25	7.37	ppb
Silicon	28-1	55.90	57.48	59.93	57.77	3.52	ppb
Silver	107-1	51.17	52.57	54.90	52.88	3.57	ppb
Silver	109-1	51.23	52.55	55.08	52.95	3.69	ppb
Sodium	23-2	5114.24	5053.17	5042.31	5069.91	0.76	ppb
Strontium	86-1	1272.59	1259.99	1314.72	1282.44	2.23	ppb
Strontium	88-1	1231.83	1261.42	1322.61	1271.95	3.64	ppb
Sulfur	34-1	1170.61	1110.00	1399.30	1226.64	12.44	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	43.98	45.09	47.35	45.47	3.78	ppb
Thallium	205-1	44.07	45.31	47.91	45.76	4.29	ppb
Tin	118-1	48.99	50.38	52.59	50.65	3.58	ppb
Titanium	47-1	511.64	520.58	539.58	523.93	2.72	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.49	44.00	46.20	44.23	4.21	ppb
Vanadium	51-2	51.71	52.76	52.60	52.35	1.08	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	512.33	517.70	516.58	515.54	0.55	ppb
Zirconium	90-1	50.33	51.39	53.67	51.80	3.30	ppb
Zirconium	91-1	50.16	51.72	53.59	51.82	3.31	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2625.69	2616.37	2607.06	2616.37	0.36	ppb
Antimony	121-1	126.38	126.10	128.16	126.88	0.88	ppb
Arsenic	75-2	125.13	128.67	127.18	126.99	1.40	ppb
Barium	135-1	642.64	637.23	653.19	644.36	1.26	ppb
Barium	137-1	638.25	635.72	660.92	644.96	2.15	ppb
Beryllium	9-1	136.92	140.59	137.29	138.27	1.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	132.13	133.01	136.13	133.76	1.57	ppb
Cadmium	106-1	132.78	130.43	133.31	132.17	1.16	ppb
Cadmium	111-1	131.07	130.77	131.98	131.27	0.48	ppb
Calcium	43-1	15719.11	15558.07	15771.46	15682.88	0.71	ppb
Calcium	44-1	13608.00	13539.35	13647.36	13598.24	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.18	133.08	131.90	132.39	0.46	ppb
Cobalt	59-2	131.92	132.01	131.14	131.69	0.36	ppb
Copper	63-2	1309.26	1305.30	1298.41	1304.32	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	6599.73	6666.69	6661.66	6642.69	0.56	ppb
Iron	57-2	7063.83	7044.92	7075.36	7061.37	0.22	ppb
Iron	54-2	6638.86	6702.95	6704.41	6682.07	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	613.46	614.91	642.18	623.52	2.59	ppb
Lead	207-1	620.71	621.98	629.39	624.03	0.75	ppb
Lead	208-1	620.23	616.48	631.78	622.83	1.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	12496.42	12644.51	12593.77	12578.23	0.60	ppb
Manganese	55-2	1263.10	1276.47	1271.67	1270.42	0.53	ppb
Molybdenum	94-1	1255.32	1275.07	1289.44	1273.28	1.35	ppb
Molybdenum	95-1	1253.51	1289.27	1268.23	1270.33	1.42	ppb
Molybdenum	96-1	1270.72	1288.13	1264.30	1274.38	0.97	ppb
Molybdenum	97-1	1264.15	1276.23	1276.58	1272.32	0.56	ppb
Molybdenum	98-1	1267.10	1271.40	1271.39	1269.96	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.73	130.34	130.47	130.18	0.30	ppb
Phosphorus	31-2	2610.51	2550.65	2519.20	2560.12	1.81	ppb
Potassium	39-2	6171.89	6066.29	6119.71	6119.29	0.86	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	129.66	129.57	130.13	129.79	0.23	ppb
Selenium	77-2	135.99	131.84	132.08	133.30	1.75	ppb
Selenium	78-2	127.09	131.21	128.40	128.90	1.63	ppb
Silicon	28-1	128.49	128.13	128.86	128.49	0.28	ppb
Silver	107-1	134.91	133.69	133.54	134.05	0.56	ppb
Silver	109-1	134.39	134.04	134.24	134.23	0.13	ppb
Sodium	23-2	12942.00	12976.27	12687.94	12868.74	1.22	ppb
Strontium	86-1	3150.91	3183.87	3171.72	3168.83	0.53	ppb
Strontium	88-1	3167.33	3192.03	3221.06	3193.47	0.84	ppb
Sulfur	34-1	2678.93	2542.30	2560.08	2593.77	2.86	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	113.51	113.73	113.76	113.67	0.12	ppb
Thallium	205-1	123.89	124.19	126.46	124.85	1.13	ppb
Tin	118-1	127.08	126.51	129.27	127.62	1.14	ppb
Titanium	47-1	1282.40	1266.69	1274.66	1274.58	0.62	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	122.85	123.37	124.78	123.67	0.81	ppb
Vanadium	51-2	132.60	132.32	132.99	132.64	0.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1321.35	1315.79	1315.93	1317.69	0.24	ppb
Zirconium	90-1	127.27	128.47	127.44	127.73	0.51	ppb
Zirconium	91-1	128.70	130.47	130.68	129.95	0.84	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4925.68	4960.33	4868.56	4918.19	0.94	ppb
Antimony	121-1	252.70	259.62	257.58	256.63	1.39	ppb
Arsenic	75-2	247.75	246.91	249.68	248.11	0.57	ppb
Barium	135-1	1278.33	1281.32	1270.29	1276.65	0.45	ppb
Barium	137-1	1245.26	1295.45	1281.69	1274.13	2.04	ppb
Beryllium	9-1	260.28	273.71	266.24	266.74	2.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	256.58	260.93	264.59	260.70	1.54	ppb
Cadmium	106-1	258.76	260.08	260.06	259.63	0.29	ppb
Cadmium	111-1	255.15	258.67	260.19	258.00	1.00	ppb
Calcium	43-1	30471.70	31083.52	31220.72	30925.32	1.29	ppb
Calcium	44-1	26613.68	27033.30	26714.58	26787.19	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261.34	261.78	260.45	261.19	0.26	ppb
Cobalt	59-2	257.21	253.34	252.15	254.24	1.04	ppb
Copper	63-2	2526.92	2592.76	2546.04	2555.24	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	13162.05	13093.29	12963.12	13072.82	0.77	ppb
Iron	57-2	13049.65	12904.86	12790.89	12915.14	1.00	ppb
Iron	54-2	13221.03	13318.46	13086.99	13208.83	0.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1201.67	1210.28	1262.95	1224.97	2.71	ppb
Lead	207-1	1221.56	1223.55	1272.86	1239.32	2.35	ppb
Lead	208-1	1220.27	1221.15	1269.36	1236.93	2.27	ppb
Lithium	6-1				103		%
Magnesium	24-2	24691.77	25033.68	24940.53	24888.66	0.71	ppb
Manganese	55-2	2496.57	2529.62	2489.89	2505.36	0.85	ppb
Molybdenum	94-1	2500.86	2522.97	2543.48	2522.44	0.84	ppb
Molybdenum	95-1	2496.95	2504.79	2511.86	2504.54	0.30	ppb
Molybdenum	96-1	2516.65	2496.51	2523.39	2512.18	0.56	ppb
Molybdenum	97-1	2474.85	2499.42	2493.90	2489.39	0.52	ppb
Molybdenum	98-1	2469.21	2504.13	2529.42	2500.92	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.06	255.21	255.78	255.35	0.15	ppb
Phosphorus	31-2	5077.31	5088.58	5052.08	5072.66	0.37	ppb
Potassium	39-2	12042.67	12102.12	12112.80	12085.86	0.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	250.63	253.86	254.34	252.94	0.80	ppb
Selenium	77-2	250.39	260.47	252.08	254.31	2.12	ppb
Selenium	78-2	249.50	249.77	255.30	251.52	1.30	ppb
Silicon	28-1	262.03	262.17	264.48	262.89	0.52	ppb
Silver	107-1	263.18	263.02	265.44	263.88	0.51	ppb
Silver	109-1	258.84	264.51	266.56	263.31	1.52	ppb
Sodium	23-2	25293.10	25615.75	25483.44	25464.09	0.64	ppb
Strontium	86-1	6225.41	6304.43	6317.35	6282.40	0.79	ppb
Strontium	88-1	6300.81	6318.42	6293.64	6304.29	0.20	ppb
Sulfur	34-1	4958.11	5034.50	4966.12	4986.24	0.84	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	244.04	245.38	253.87	247.77	2.15	ppb
Thallium	205-1	240.78	241.40	252.01	244.73	2.58	ppb
Tin	118-1	250.34	260.46	256.01	255.60	1.98	ppb
Titanium	47-1	2465.74	2524.81	2502.09	2497.55	1.19	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	240.06	243.02	248.79	243.96	1.82	ppb
Vanadium	51-2	263.44	263.91	263.12	263.49	0.15	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	2574.70	2567.88	2580.53	2574.37	0.25	ppb
Zirconium	90-1	247.47	248.62	255.29	250.46	1.69	ppb
Zirconium	91-1	254.43	256.39	256.37	255.73	0.44	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9718.76	9839.09	9716.73	9758.19	0.72	ppb
Antimony	121-1	494.52	501.30	494.33	496.72	0.80	ppb
Arsenic	75-2	497.42	493.74	493.80	494.98	0.43	ppb
Barium	135-1	2470.31	2523.37	2467.83	2487.17	1.26	ppb
Barium	137-1	2481.02	2546.03	2478.27	2501.77	1.53	ppb
Beryllium	9-1	528.88	532.57	540.18	533.88	1.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	502.44	507.33	503.36	504.38	0.51	ppb
Cadmium	106-1	504.73	506.94	498.23	503.30	0.90	ppb
Cadmium	111-1	499.72	502.59	496.92	499.74	0.57	ppb
Calcium	43-1	57359.54	57754.98	58437.12	57850.55	0.94	ppb
Calcium	44-1	53201.48	53521.33	53859.81	53527.54	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.10	500.40	496.54	500.35	0.76	ppb
Cobalt	59-2	496.44	510.79	504.71	503.98	1.43	ppb
Copper	63-2	5064.62	5078.41	5042.74	5061.92	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	26039.53	26184.00	26170.31	26131.28	0.31	ppb
Iron	57-2	25842.34	25952.21	26016.00	25936.85	0.34	ppb
Iron	54-2	26415.61	26336.16	25739.19	26163.65	1.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2444.79	2536.27	2561.01	2514.02	2.44	ppb
Lead	207-1	2482.06	2561.15	2552.48	2531.89	1.71	ppb
Lead	208-1	2472.58	2547.34	2535.96	2518.63	1.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	49113.57	49077.55	49049.12	49080.08	0.07	ppb
Manganese	55-2	5046.41	5063.62	4982.16	5030.73	0.85	ppb
Molybdenum	94-1	4980.63	4997.05	4981.55	4986.41	0.18	ppb
Molybdenum	95-1	4972.72	5006.01	4922.11	4966.95	0.85	ppb
Molybdenum	96-1	4941.03	4971.46	4952.80	4955.10	0.31	ppb
Molybdenum	97-1	4950.00	4925.29	5001.70	4959.00	0.79	ppb
Molybdenum	98-1	4941.95	4955.27	4994.52	4963.91	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.02	506.36	501.51	503.63	0.49	ppb
Phosphorus	31-2	9988.22	10001.12	9998.36	9995.90	0.07	ppb
Potassium	39-2	23934.00	24369.88	23946.87	24083.58	1.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	493.14	502.31	494.56	496.67	0.99	ppb
Selenium	77-2	487.50	481.07	501.44	490.00	2.12	ppb
Selenium	78-2	493.55	494.80	492.43	493.59	0.24	ppb
Silicon	28-1	520.65	522.31	525.58	522.84	0.48	ppb
Silver	107-1	498.47	506.13	502.22	502.28	0.76	ppb
Silver	109-1	504.36	507.25	503.85	505.15	0.36	ppb
Sodium	23-2	49948.00	50269.19	49917.18	50044.79	0.39	ppb
Strontium	86-1	12418.53	12412.10	12430.51	12420.38	0.08	ppb
Strontium	88-1	12536.27	12408.41	12443.74	12462.81	0.53	ppb
Sulfur	34-1	9878.67	9839.91	9802.26	9840.28	0.39	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	501.69	494.78	508.26	501.57	1.34	ppb
Thallium	205-1	494.49	506.24	503.55	501.43	1.23	ppb
Tin	118-1	493.89	499.99	490.29	494.72	0.99	ppb
Titanium	47-1	4967.06	5002.64	4987.20	4985.63	0.36	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	492.22	511.04	499.54	500.93	1.89	ppb
Vanadium	51-2	504.45	505.25	495.36	501.69	1.10	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	5090.73	5056.87	5044.50	5064.03	0.47	ppb
Zirconium	90-1	496.22	498.85	495.44	496.84	0.36	ppb
Zirconium	91-1	493.71	493.41	493.96	493.69	0.06	ppb

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19143.20	19277.59	19289.79	19236.86	0.42	ppb
Antimony	121-1	971.35	1016.52	1011.35	999.74	2.47	ppb
Arsenic	75-2	1000.52	998.70	1008.97	1002.73	0.55	ppb
Barium	135-1	4805.66	5071.95	5114.94	4997.52	3.35	ppb
Barium	137-1	4877.56	5042.95	5051.54	4990.68	1.96	ppb
Beryllium	9-1	971.29	978.95	980.70	976.98	0.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	961.62	1013.57	1006.71	993.97	2.84	ppb
Cadmium	106-1	963.66	1012.38	1008.64	994.89	2.73	ppb
Cadmium	111-1	960.39	1022.89	1008.40	997.23	3.28	ppb
Calcium	43-1	113957.02	115594.13	116937.69	115496.28	1.29	ppb
Calcium	44-1	105494.15	107097.69	108039.72	106877.19	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	997.83	994.69	995.46	996.00	0.16	ppb
Cobalt	59-2	985.11	1001.70	1001.24	996.02	0.95	ppb
Copper	63-2	9927.08	10004.42	9910.10	9947.20	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	51649.84	51402.78	51439.22	51497.28	0.26	ppb
Iron	57-2	51222.34	50605.01	51292.46	51039.94	0.74	ppb
Iron	54-2	51987.71	51546.16	51767.07	51766.98	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5036.64	5033.75	4928.09	4999.49	1.24	ppb
Lead	207-1	4994.69	5054.72	4914.28	4987.90	1.41	ppb
Lead	208-1	5001.77	5038.25	4943.46	4994.49	0.96	ppb
Lithium	6-1				103		%
Magnesium	24-2	97231.15	96511.79	97661.62	97134.85	0.60	ppb
Manganese	55-2	9964.19	9985.56	9991.02	9980.26	0.14	ppb
Molybdenum	94-1	9858.34	10083.57	10051.48	9997.80	1.22	ppb
Molybdenum	95-1	9837.63	10118.62	10081.53	10012.59	1.52	ppb
Molybdenum	96-1	9853.63	10136.31	10058.70	10016.21	1.46	ppb
Molybdenum	97-1	9827.38	10107.56	10125.13	10020.03	1.67	ppb
Molybdenum	98-1	9846.60	10076.41	10122.00	10015.00	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.01	1001.30	995.03	996.12	0.48	ppb
Phosphorus	31-2	20072.29	19920.98	19937.13	19976.80	0.42	ppb
Potassium	39-2	47700.45	47907.89	47477.68	47695.34	0.45	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	991.46	1003.92	1005.32	1000.24	0.76	ppb
Selenium	77-2	1022.34	993.51	993.03	1002.96	1.67	ppb
Selenium	78-2	996.77	1000.72	1009.63	1002.37	0.66	ppb
Silicon	28-1	980.80	985.29	987.78	984.62	0.36	ppb
Silver	107-1	966.61	1008.39	1007.35	994.12	2.40	ppb
Silver	109-1	960.48	1009.40	1008.51	992.80	2.82	ppb
Sodium	23-2	99677.44	100300.45	100219.35	100065.75	0.34	ppb
Strontium	86-1	24559.43	25249.21	25265.19	25024.61	1.61	ppb
Strontium	88-1	24476.13	25214.03	25295.94	24995.37	1.81	ppb
Sulfur	34-1	19868.62	20302.95	20009.17	20060.25	1.10	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	1005.44	1012.82	985.99	1001.41	1.38	ppb
Thallium	205-1	1009.51	1012.27	980.72	1000.83	1.75	ppb
Tin	118-1	965.61	1014.01	1023.01	1000.88	3.08	ppb
Titanium	47-1	9932.67	10021.02	10056.90	10003.53	0.64	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1010.45	1004.00	990.05	1001.50	1.04	ppb
Vanadium	51-2	992.77	990.79	1000.57	994.71	0.52	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	9881.42	10073.93	9865.10	9940.15	1.17	ppb
Zirconium	90-1	988.34	1004.31	1010.46	1001.04	1.14	ppb
Zirconium	91-1	988.37	1002.89	1011.77	1001.01	1.18	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100114.26	100639.53	99779.21	100177.67	0.43	ppb
Antimony	121-1	0.74	0.75	0.75	0.75	1.05	ppb
Arsenic	75-2	0.54	0.60	0.66	0.60	9.81	ppb
Barium	135-1	2.25	2.16	2.15	2.19	2.58	ppb
Barium	137-1	2.22	2.13	2.19	2.18	2.12	ppb
Beryllium	9-1	0.12	0.12	0.09	0.11	17.67	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.48	0.42	0.48	0.46	7.69	ppb
Cadmium	106-1	0.96	1.22	0.70	0.96	26.99	ppb
Cadmium	111-1	0.23	0.24	0.19	0.22	11.31	ppb
Calcium	43-1	488057.74	494241.37	504882.64	495727.25	1.72	ppb
Calcium	44-1	489988.90	496867.55	507596.60	498151.02	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.14	3.49	3.16	3.26	5.96	ppb
Cobalt	59-2	2.65	2.66	2.69	2.67	0.73	ppb
Copper	63-2	1.95	2.00	1.91	1.95	2.34	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				107		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	250975.49	249684.06	247983.31	249547.62	0.60	ppb
Iron	57-2	250677.02	249220.46	249066.00	249654.50	0.36	ppb
Iron	54-2	253397.47	247228.71	247816.25	249480.81	1.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.00	0.96	0.90	0.95	5.23	ppb
Lead	207-1	0.99	0.91	0.93	0.94	4.28	ppb
Lead	208-1	0.96	0.91	0.91	0.93	3.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	505546.73	499522.14	496936.69	500668.52	0.88	ppb
Manganese	55-2	5.16	5.29	5.05	5.16	2.32	ppb
Molybdenum	94-1	2.42	2.28	2.35	2.35	3.02	ppb
Molybdenum	95-1	1.56	1.53	1.54	1.54	1.12	ppb
Molybdenum	96-1	3.03	2.92	2.94	2.96	1.99	ppb
Molybdenum	97-1	1.61	1.49	1.48	1.53	5.01	ppb
Molybdenum	98-1	1.55	1.42	1.38	1.45	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.83	3.75	3.72	3.77	1.61	ppb
Phosphorus	31-2	-12.33	-10.47	-7.69	-10.16		ppb
Potassium	39-2	251013.64	250291.58	250426.54	250577.25	0.15	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	0.90	0.83	1.11	0.95	15.27	ppb
Selenium	77-2	0.35	0.52	0.18	0.35	49.17	ppb
Selenium	78-2	-0.32	0.54	0.21	0.14	300.24	ppb
Silicon	28-1	1.55	1.37	1.38	1.43	6.90	ppb
Silver	107-1	0.14	0.14	0.13	0.14	5.52	ppb
Silver	109-1	0.15	0.14	0.12	0.14	10.36	ppb
Sodium	23-2	502684.48	499005.46	498157.72	499949.22	0.48	ppb
Strontium	86-1	4.53	4.14	4.17	4.28	5.13	ppb
Strontium	88-1	4.52	4.31	4.16	4.33	4.10	ppb
Sulfur	34-1	-463.73	-367.39	-267.91	-366.34		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.11	0.12	0.12	12.98	ppb
Thallium	205-1	0.14	0.12	0.10	0.12	15.29	ppb
Tin	118-1	0.41	0.45	0.45	0.44	5.99	ppb
Titanium	47-1	1.33	1.28	1.32	1.31	2.00	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.06	0.06	0.06	9.80	ppb
Vanadium	51-2	0.24	0.23	0.21	0.23	4.75	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	4.45	4.24	4.57	4.42	3.81	ppb
Zirconium	90-1	0.61	0.59	0.59	0.60	1.45	ppb
Zirconium	91-1	0.55	0.61	0.63	0.59	6.95	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.56	489.30	494.71	492.52	0.58	ppb
Antimony	121-1	201.77	206.32	209.82	205.97	1.96	ppb
Arsenic	75-2	200.46	197.67	198.39	198.84	0.73	ppb
Barium	135-1	94.02	96.83	98.14	96.33	2.18	ppb
Barium	137-1	96.62	98.50	98.90	98.01	1.24	ppb
Beryllium	9-1	107.34	110.57	109.03	108.98	1.48	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.04	94.97	94.04	94.68	0.59	ppb
Cadmium	106-1	91.27	93.63	92.85	92.59	1.30	ppb
Cadmium	111-1	102.98	106.14	106.45	105.19	1.83	ppb
Calcium	43-1	2063.96	2112.99	2079.88	2085.61	1.20	ppb
Calcium	44-1	2068.86	2119.74	2104.55	2097.72	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.13	104.82	104.85	104.93	0.16	ppb
Cobalt	59-2	105.29	103.49	104.59	104.46	0.86	ppb
Copper	63-2	98.38	97.83	98.78	98.33	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				102		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	2038.09	2026.66	2016.44	2027.07	0.53	ppb
Iron	57-2	2159.54	2147.05	2157.08	2154.56	0.31	ppb
Iron	54-2	2249.54	2232.10	2232.17	2237.94	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	193.14	196.90	195.73	195.26	0.98	ppb
Lead	207-1	182.52	187.11	186.97	185.54	1.41	ppb
Lead	208-1	197.93	199.21	200.39	199.17	0.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	1221.46	1216.49	1220.21	1219.39	0.21	ppb
Manganese	55-2	103.76	103.03	103.84	103.54	0.43	ppb
Molybdenum	94-1	0.83	0.69	0.65	0.72	13.23	ppb
Molybdenum	95-1	0.08	0.09	0.10	0.09	8.78	ppb
Molybdenum	96-1	0.19	0.18	0.17	0.18	6.18	ppb
Molybdenum	97-1	0.08	0.08	0.09	0.08	6.17	ppb
Molybdenum	98-1	0.08	0.09	0.09	0.09	7.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.80	102.79	103.17	103.25	0.49	ppb
Phosphorus	31-2	-19.16	-18.80	-18.11	-18.69		ppb
Potassium	39-2	1849.96	1845.12	1863.25	1852.78	0.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	82-1	205.89	210.46	206.63	207.66	1.18	ppb
Selenium	77-2	206.79	196.99	205.31	203.03	2.60	ppb
Selenium	78-2	208.08	207.73	205.40	207.07	0.70	ppb
Silicon	28-1	-0.14	-0.03	-0.09	-0.08		ppb
Silver	107-1	50.51	51.61	52.40	51.50	1.84	ppb
Silver	109-1	50.05	52.03	52.66	51.58	2.64	ppb
Sodium	23-2	1918.58	1906.20	1904.66	1909.81	0.40	ppb
Strontium	86-1	0.33	0.33	0.39	0.35	10.17	ppb
Strontium	88-1	0.36	0.37	0.37	0.37	1.01	ppb
Sulfur	34-1	38.29	77.75	-72.33	14.57	534.10	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	213.92	219.13	212.87	215.31	1.56	ppb
Thallium	205-1	211.39	218.70	214.28	214.79	1.71	ppb
Tin	118-1	0.07	0.07	0.06	0.07	2.28	ppb
Titanium	47-1	0.11	0.13	0.13	0.13	11.13	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	21.77	ppb
Vanadium	51-2	102.66	101.38	102.29	102.11	0.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	201.73	199.94	200.08	200.58	0.50	ppb
Zirconium	90-1	0.46	0.35	0.31	0.37	20.94	ppb
Zirconium	91-1	0.49	0.38	0.35	0.40	17.96	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.34	-1.20	-1.69	-1.41		ppb
Antimony	121-1	0.13	0.14	0.17	0.15	12.83	ppb
Arsenic	75-2	0.02	0.00	0.03	0.02	101.74	ppb
Barium	135-1	0.00	0.00	0.01	0.00	153.45	ppb
Barium	137-1	0.03	0.04	0.03	0.04	17.73	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	28.15	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	-0.05	-0.02		ppb
Cadmium	106-1	1.57	0.96	0.73	1.09	39.94	ppb
Cadmium	111-1	0.12	0.08	0.07	0.09	29.76	ppb
Calcium	43-1	4.01	1.04	1.95	2.33	65.27	ppb
Calcium	44-1	3.77	2.92	2.22	2.97	26.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	159.16	ppb
Copper	63-2	-0.03	-0.06	-0.07	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	56-2	1.77	1.85	1.68	1.77	4.92	ppb
Iron	57-2	-0.92	0.74	0.60	0.14	662.30	ppb
Iron	54-2	1.73	1.46	2.17	1.79	19.87	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.06	0.04	0.05	19.55	ppb
Lead	207-1	0.07	0.06	0.04	0.06	23.23	ppb
Lead	208-1	0.06	0.05	0.05	0.05	9.90	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.23	0.82	1.33	1.13	24.09	ppb
Manganese	55-2	0.00	-0.02	-0.04	-0.02		ppb
Molybdenum	94-1	0.24	0.21	0.21	0.22	8.10	ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	24.52	ppb
Molybdenum	96-1	0.05	0.05	0.06	0.06	13.26	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	27.13	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	18.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-15.89	-18.49	-18.68	-17.69		ppb
Potassium	39-2	7.64	9.17	9.13	8.65	10.07	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.05	0.47	0.60	0.37	76.20	ppb
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	0.29	0.22	0.19	0.23	22.62	ppb
Silicon	28-1	-0.50	-0.63	-0.44	-0.52		ppb
Silver	107-1	0.04	0.03	0.03	0.03	3.75	ppb
Silver	109-1	0.04	0.03	0.02	0.03	24.78	ppb
Sodium	23-2	8.66	8.87	9.10	8.88	2.48	ppb
Strontium	86-1	0.04	0.03	0.03	0.03	8.67	ppb
Strontium	88-1	0.05	0.04	0.05	0.05	11.26	ppb
Sulfur	34-1	-50.70	-178.72	-81.26	-103.56		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.03	0.02	0.03	29.76	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.18	ppb
Tin	118-1	0.03	0.04	0.04	0.04	16.76	ppb
Titanium	47-1	-0.02	0.01	0.00	0.00		ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	65.45	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	0.14	0.04	0.10	0.09	56.17	ppb
Zirconium	90-1	0.11	0.10	0.10	0.10	3.17	ppb
Zirconium	91-1	0.12	0.12	0.11	0.12	5.62	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88834.05	88064.43	88541.88	88480.12	0.44	ppb
Antimony	121-1	1.13	1.17	1.17	1.16	1.85	ppb
Arsenic	75-2	0.35	0.25	0.27	0.29	19.12	ppb
Barium	135-1	1.36	1.32	1.34	1.34	1.58	ppb
Barium	137-1	1.37	1.44	1.37	1.39	2.83	ppb
Beryllium	9-1	0.31	0.28	0.28	0.29	6.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.86	7.41	8.01	7.76	4.03	ppb
Cadmium	106-1	0.93	0.19	0.38	0.50	76.66	ppb
Cadmium	111-1	0.34	0.37	0.29	0.34	12.01	ppb
Calcium	43-1	95979.06	96585.98	94387.41	95650.82	1.19	ppb
Calcium	44-1	96098.29	96412.43	95012.56	95841.09	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.45	20.27	20.02	20.25	1.08	ppb
Cobalt	59-2	1.27	1.27	1.25	1.26	1.05	ppb
Copper	63-2	7.13	7.16	7.10	7.13	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				107		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	100931.99	99677.85	99173.13	99927.65	0.91	ppb
Iron	57-2	100069.55	99531.56	97675.57	99092.23	1.27	ppb
Iron	54-2	100588.22	99012.00	98769.21	99456.48	0.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.28	4.20	4.27	4.25	1.08	ppb
Lead	207-1	3.82	3.76	3.69	3.75	1.74	ppb
Lead	208-1	3.95	3.94	3.90	3.93	0.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	94781.29	93392.09	93174.38	93782.59	0.93	ppb
Manganese	55-2	8.04	8.05	8.04	8.05	0.09	ppb
Molybdenum	94-1	1467.74	1438.99	1443.62	1450.12	1.06	ppb
Molybdenum	95-1	1733.61	1724.77	1722.25	1726.88	0.35	ppb
Molybdenum	96-1	1723.01	1698.23	1707.64	1709.63	0.73	ppb
Molybdenum	97-1	1744.23	1717.16	1713.72	1725.03	0.97	ppb
Molybdenum	98-1	1760.91	1727.60	1707.74	1732.08	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.09	5.16	5.20	2.52	ppb
Phosphorus	31-2	90134.10	91764.70	91371.66	91090.15	0.93	ppb
Potassium	39-2	93006.87	92238.81	92432.20	92559.29	0.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	0.84	0.70	0.75	0.76	9.68	ppb
Selenium	77-2	0.00	0.17	0.34	0.17	99.96	ppb
Selenium	78-2	0.50	-0.64	0.43	0.10	656.44	ppb
Silicon	28-1	2.87	2.93	2.85	2.88	1.54	ppb
Silver	107-1	0.09	0.07	0.07	0.08	11.16	ppb
Silver	109-1	0.08	0.08	0.07	0.08	4.82	ppb
Sodium	23-2	95964.74	95014.31	95385.96	95455.00	0.50	ppb
Strontium	86-1	34.60	34.01	33.83	34.14	1.18	ppb
Strontium	88-1	34.44	34.31	33.91	34.22	0.80	ppb
Sulfur	34-1	93612.27	94601.87	93288.83	93834.32	0.73	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.09	0.09	0.09	4.44	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	7.54	ppb
Tin	118-1	0.18	0.14	0.16	0.16	10.99	ppb
Titanium	47-1	1771.96	1798.36	1766.48	1778.93	0.96	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	4.06	ppb
Vanadium	51-2	0.20	0.19	0.20	0.19	4.50	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	11.09	11.21	10.83	11.04	1.75	ppb
Zirconium	90-1	0.24	0.24	0.25	0.24	3.22	ppb
Zirconium	91-1	0.21	0.23	0.27	0.23	13.75	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87282.37	87514.33	86664.64	87153.78	0.50	ppb
Antimony	121-1	20.17	20.57	20.88	20.54	1.73	ppb
Arsenic	75-2	19.23	19.46	19.89	19.53	1.70	ppb
Barium	135-1	19.90	19.95	20.22	20.02	0.86	ppb
Barium	137-1	20.13	20.38	20.31	20.27	0.62	ppb
Beryllium	9-1	21.44	21.90	21.30	21.55	1.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.53	24.54	24.13	24.40	0.95	ppb
Cadmium	106-1	16.94	16.66	17.47	17.03	2.41	ppb
Cadmium	111-1	19.54	19.47	19.56	19.52	0.25	ppb
Calcium	43-1	95605.57	95916.93	97604.63	96375.71	1.12	ppb
Calcium	44-1	95443.70	96361.04	97307.02	96370.58	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.30	39.88	40.26	40.15	0.58	ppb
Cobalt	59-2	20.76	20.76	20.87	20.80	0.31	ppb
Copper	63-2	25.40	25.73	25.38	25.51	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				110		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	100013.39	99992.31	99133.34	99713.01	0.50	ppb
Iron	57-2	99048.40	97268.99	97771.88	98029.76	0.94	ppb
Iron	54-2	99129.94	99052.70	98871.74	99018.13	0.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.44	24.22	24.16	24.27	0.61	ppb
Lead	207-1	23.85	23.39	23.33	23.52	1.21	ppb
Lead	208-1	23.79	23.65	23.61	23.69	0.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	93913.19	92624.79	93316.43	93284.80	0.69	ppb
Manganese	55-2	27.84	27.92	27.54	27.77	0.72	ppb
Molybdenum	94-1	1423.23	1448.51	1413.20	1428.31	1.27	ppb
Molybdenum	95-1	1696.30	1749.16	1738.30	1727.92	1.62	ppb
Molybdenum	96-1	1692.18	1728.26	1716.40	1712.28	1.07	ppb
Molybdenum	97-1	1696.61	1740.27	1722.96	1719.95	1.28	ppb
Molybdenum	98-1	1699.49	1738.82	1723.04	1720.45	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.27	24.21	24.48	24.32	0.57	ppb
Phosphorus	31-2	91000.07	90395.58	93148.76	91514.80	1.58	ppb
Potassium	39-2	92249.80	92417.59	93722.38	92796.59	0.87	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	82-1	18.89	19.77	19.44	19.36	2.31	ppb
Selenium	77-2	18.63	19.08	21.60	19.77	8.10	ppb
Selenium	78-2	18.74	19.56	20.50	19.60	4.50	ppb
Silicon	28-1	3.05	3.12	3.27	3.15	3.63	ppb
Silver	107-1	18.32	18.73	19.03	18.70	1.90	ppb
Silver	109-1	18.52	18.78	18.92	18.74	1.09	ppb
Sodium	23-2	95148.43	94169.37	94923.26	94747.02	0.54	ppb
Strontium	86-1	33.40	34.49	34.25	34.05	1.69	ppb
Strontium	88-1	33.45	34.74	34.58	34.26	2.05	ppb
Sulfur	34-1	92310.12	94366.66	93653.32	93443.36	1.12	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	20.33	20.42	20.30	20.35	0.31	ppb
Thallium	205-1	20.34	20.42	20.27	20.34	0.39	ppb
Tin	118-1	0.15	0.15	0.93	0.41	110.69	ppb
Titanium	47-1	1784.85	1789.99	1812.79	1795.88	0.83	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.02	0.02	9.42	ppb
Vanadium	51-2	20.07	19.95	20.26	20.10	0.78	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	30.50	30.00	29.99	30.16	0.96	ppb
Zirconium	90-1	0.06	0.08	0.08	0.07	14.60	ppb
Zirconium	91-1	0.08	0.07	0.07	0.07	6.65	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49826.66	49776.33	49926.76	49843.25	0.15	ppb
Antimony	121-1	498.82	501.77	510.83	503.81	1.24	ppb
Arsenic	75-2	484.14	480.18	475.31	479.87	0.92	ppb
Barium	135-1	2526.70	2488.47	2512.45	2509.21	0.77	ppb
Barium	137-1	2512.05	2500.04	2521.52	2511.20	0.43	ppb
Beryllium	9-1	530.35	539.41	536.32	535.36	0.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	525.14	522.68	534.97	527.60	1.23	ppb
Cadmium	106-1	518.29	515.88	535.83	523.34	2.08	ppb
Cadmium	111-1	515.89	515.42	529.39	520.24	1.53	ppb
Calcium	43-1	245567.85	249468.59	246701.86	247246.10	0.81	ppb
Calcium	44-1	243864.61	245185.95	246400.71	245150.43	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.89	483.94	490.43	487.75	0.69	ppb
Cobalt	59-2	522.43	512.05	518.33	517.61	1.01	ppb
Copper	63-2	5003.40	4972.55	5000.62	4992.19	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	124898.80	123572.93	123592.12	124021.28	0.61	ppb
Iron	57-2	121744.66	122718.78	122699.07	122387.50	0.45	ppb
Iron	54-2	122649.94	123073.13	121695.66	122472.91	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2509.94	2600.90	2546.79	2552.54	1.79	ppb
Lead	207-1	2482.44	2565.73	2531.40	2526.52	1.66	ppb
Lead	208-1	2491.11	2578.93	2531.10	2533.72	1.74	ppb
Lithium	6-1				100		%
Magnesium	24-2	240732.21	239833.12	240345.06	240303.46	0.19	ppb
Manganese	55-2	4853.23	4850.59	4852.18	4852.00	0.03	ppb
Molybdenum	94-1	4890.59	4952.67	4963.36	4935.54	0.80	ppb
Molybdenum	95-1	4844.68	4967.52	4977.12	4929.78	1.50	ppb
Molybdenum	96-1	4865.80	4957.54	4953.79	4925.71	1.05	ppb
Molybdenum	97-1	4867.92	4940.56	4948.74	4919.07	0.90	ppb
Molybdenum	98-1	4866.87	4965.46	4940.39	4924.24	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.21	506.41	503.81	504.81	0.28	ppb
Phosphorus	31-2	9833.46	9868.44	9846.22	9849.38	0.18	ppb
Potassium	39-2	118963.26	118283.53	118907.79	118718.19	0.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	82-1	468.07	475.68	471.50	471.75	0.81	ppb
Selenium	77-2	456.38	481.84	476.39	471.54	2.84	ppb
Selenium	78-2	479.05	460.18	475.33	471.52	2.12	ppb
Silicon	28-1	655.46	660.50	655.14	657.03	0.46	ppb
Silver	107-1	489.58	479.56	494.73	487.96	1.58	ppb
Silver	109-1	485.80	484.17	491.13	487.03	0.75	ppb
Sodium	23-2	240972.63	241152.26	241734.89	241286.59	0.17	ppb
Strontium	86-1	12097.76	12346.78	12350.61	12265.05	1.18	ppb
Strontium	88-1	12108.80	12447.71	12432.05	12329.52	1.55	ppb
Sulfur	34-1	9187.84	9100.54	8947.05	9078.48	1.34	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	512.95	513.37	514.03	513.45	0.11	ppb
Thallium	205-1	511.34	514.37	502.84	509.52	1.17	ppb
Tin	118-1	499.84	487.03	500.14	495.67	1.51	ppb
Titanium	47-1	4923.79	4973.70	4961.05	4952.85	0.52	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	518.04	529.89	517.07	521.67	1.37	ppb
Vanadium	51-2	496.93	496.62	497.78	497.11	0.12	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	4896.36	4915.18	4922.19	4911.24	0.27	ppb
Zirconium	90-1	493.12	500.95	500.15	498.08	0.86	ppb
Zirconium	91-1	499.13	500.68	500.88	500.23	0.19	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.14	1.04	1.27	1.15	9.81	ppb
Antimony	121-1	0.42	0.41	0.43	0.42	2.85	ppb
Arsenic	75-2	0.01	0.02	0.03	0.02	35.63	ppb
Barium	135-1	0.17	0.10	0.11	0.13	29.02	ppb
Barium	137-1	0.14	0.12	0.15	0.13	9.43	ppb
Beryllium	9-1	0.07	0.03	0.22	0.10	96.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.05	0.01	0.03	53.40	ppb
Cadmium	106-1	1.89	0.96	0.90	1.25	44.49	ppb
Cadmium	111-1	0.19	0.14	0.11	0.15	26.71	ppb
Calcium	43-1	17.27	13.43	60.68	30.46	86.15	ppb
Calcium	44-1	17.79	14.14	55.17	29.03	78.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	246.85	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	10.72	ppb
Copper	63-2	0.28	0.32	0.30	0.30	6.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	56-2	8.02	8.70	9.23	8.65	7.04	ppb
Iron	57-2	4.73	6.40	7.88	6.34	24.81	ppb
Iron	54-2	7.97	9.28	9.70	8.98	10.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.19	0.16	0.18	11.88	ppb
Lead	207-1	0.20	0.20	0.18	0.19	6.04	ppb
Lead	208-1	0.20	0.18	0.17	0.19	6.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	10.58	11.34	12.79	11.57	9.71	ppb
Manganese	55-2	0.15	0.19	0.19	0.17	14.25	ppb
Molybdenum	94-1	1.09	0.81	0.84	0.91	16.64	ppb
Molybdenum	95-1	0.35	0.33	0.38	0.35	6.85	ppb
Molybdenum	96-1	0.42	0.38	0.47	0.42	10.11	ppb
Molybdenum	97-1	0.38	0.34	0.41	0.38	9.09	ppb
Molybdenum	98-1	0.37	0.36	0.38	0.37	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.03	0.02	56.26	ppb
Phosphorus	31-2	-16.86	-16.97	-18.42	-17.42		ppb
Potassium	39-2	26.13	26.75	25.15	26.01	3.11	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	0.04	0.39	0.22	0.22	79.07	ppb
Selenium	77-2	0.00	0.17	0.00	0.06	173.21	ppb
Selenium	78-2	1.12	0.68	0.27	0.69	61.48	ppb
Silicon	28-1	-0.36	-0.35	-0.33	-0.35		ppb
Silver	107-1	0.10	0.09	0.06	0.08	23.86	ppb
Silver	109-1	0.09	0.07	0.06	0.07	20.08	ppb
Sodium	23-2	26.52	27.53	27.26	27.10	1.92	ppb
Strontium	86-1	0.63	0.45	0.78	0.62	26.30	ppb
Strontium	88-1	0.59	0.48	0.77	0.61	23.98	ppb
Sulfur	34-1	-436.43	-430.39	-495.84	-454.22		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.08	0.06	0.07	13.84	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	10.81	ppb
Tin	118-1	0.13	0.12	0.15	0.13	8.52	ppb
Titanium	47-1	0.27	0.31	1.07	0.55	81.20	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.16	0.06	126.14	ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	16.66	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	0.43	0.33	0.43	0.39	14.57	ppb
Zirconium	90-1	0.44	0.32	0.31	0.36	20.54	ppb
Zirconium	91-1	0.40	0.35	0.31	0.35	12.14	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.82	1.45	1.65	1.64	11.30	ppb
Antimony	121-1	0.08	0.10	0.11	0.10	15.54	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	1868.94	ppb
Barium	135-1	0.03	0.02	0.03	0.03	20.32	ppb
Barium	137-1	0.05	0.03	0.03	0.03	36.12	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	40.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.06	0.11	0.07	59.49	ppb
Cadmium	106-1	1.73	0.54	1.50	1.26	50.08	ppb
Cadmium	111-1	0.14	0.06	0.11	0.10	43.14	ppb
Calcium	43-1	4.52	4.76	5.63	4.97	11.71	ppb
Calcium	44-1	6.45	7.26	5.16	6.29	16.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	309.84	ppb
Copper	63-2	0.09	0.09	0.05	0.08	26.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	3.11	3.19	2.91	3.07	4.77	ppb
Iron	57-2	2.27	1.51	2.56	2.11	25.69	ppb
Iron	54-2	3.76	2.13	2.13	2.67	35.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.06	0.08	0.07	11.48	ppb
Lead	207-1	0.09	0.07	0.07	0.07	12.95	ppb
Lead	208-1	0.08	0.07	0.07	0.07	7.60	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.64	2.63	2.48	2.58	3.46	ppb
Manganese	55-2	0.02	-0.01	0.02	0.01	176.65	ppb
Molybdenum	94-1	0.24	0.23	0.23	0.23	2.96	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	5.30	ppb
Molybdenum	96-1	0.09	0.08	0.09	0.09	5.93	ppb
Molybdenum	97-1	0.09	0.05	0.07	0.07	26.24	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	14.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-17.86	-16.54	-17.18	-17.19		ppb
Potassium	39-2	17.09	15.23	17.82	16.72	7.98	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	0.03	0.32	0.20	0.18	78.34	ppb
Selenium	77-2	0.00	0.17	0.18	0.12	86.60	ppb
Selenium	78-2	-0.33	0.81	-0.04	0.15	397.61	ppb
Silicon	28-1	-0.59	-0.39	-0.61	-0.53		ppb
Silver	107-1	0.01	0.02	0.02	0.02	20.77	ppb
Silver	109-1	0.02	0.01	0.02	0.02	9.48	ppb
Sodium	23-2	15.18	14.71	14.61	14.84	2.06	ppb
Strontium	86-1	0.14	0.06	0.10	0.10	41.05	ppb
Strontium	88-1	0.09	0.09	0.08	0.09	5.65	ppb
Sulfur	34-1	-195.34	-232.78	-301.18	-243.10		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.03	0.03	10.48	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	9.16	ppb
Tin	118-1	0.04	0.05	0.05	0.04	14.89	ppb
Titanium	47-1	0.04	0.03	0.06	0.04	40.08	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	87.12	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	81.78	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	0.34	0.30	0.29	0.31	8.39	ppb
Zirconium	90-1	0.11	0.09	0.09	0.10	8.36	ppb
Zirconium	91-1	0.09	0.07	0.10	0.09	14.43	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.30	38.82	39.82	39.65	1.91	ppb
Antimony	121-1	4.08	4.16	4.07	4.10	1.25	ppb
Arsenic	75-2	2.05	1.89	2.17	2.04	7.02	ppb
Barium	135-1	19.00	19.32	18.52	18.94	2.11	ppb
Barium	137-1	19.16	19.46	18.84	19.15	1.63	ppb
Beryllium	9-1	2.26	2.25	2.14	2.22	3.14	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.46	2.57	2.64	2.56	3.41	ppb
Cadmium	106-1	3.62	2.70	2.88	3.07	15.96	ppb
Cadmium	111-1	2.60	2.49	2.46	2.52	2.77	ppb
Calcium	43-1	1009.71	1028.07	1020.93	1019.57	0.91	ppb
Calcium	44-1	1015.86	1029.80	1039.84	1028.50	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.63	4.66	4.65	4.65	0.25	ppb
Cobalt	59-2	2.12	2.14	2.09	2.12	1.04	ppb
Copper	63-2	4.50	4.51	4.55	4.52	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				104		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	423.16	425.53	423.71	424.13	0.29	ppb
Iron	57-2	452.27	444.82	452.50	449.86	0.97	ppb
Iron	54-2	447.85	453.88	448.58	450.10	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.95	1.86	1.82	1.87	3.54	ppb
Lead	207-1	1.83	1.93	1.85	1.87	2.71	ppb
Lead	208-1	1.87	1.90	1.85	1.87	1.23	ppb
Lithium	6-1				95		%
Magnesium	24-2	1098.82	1094.40	1104.30	1099.17	0.45	ppb
Manganese	55-2	2.21	2.15	2.30	2.22	3.45	ppb
Molybdenum	94-1	11.18	11.33	11.58	11.36	1.80	ppb
Molybdenum	95-1	8.96	9.25	9.10	9.10	1.62	ppb
Molybdenum	96-1	9.27	9.43	9.57	9.43	1.58	ppb
Molybdenum	97-1	9.09	9.23	9.21	9.18	0.83	ppb
Molybdenum	98-1	9.01	9.25	9.32	9.19	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.18	2.17	2.25	2.20	1.97	ppb
Phosphorus	31-2	-18.09	-15.67	-16.86	-16.87		ppb
Potassium	39-2	1060.88	1062.95	1070.49	1064.78	0.47	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	10.51	11.18	10.41	10.70	3.91	ppb
Selenium	77-2	7.49	8.87	10.78	9.05	18.28	ppb
Selenium	78-2	8.98	10.17	10.58	9.91	8.40	ppb
Silicon	28-1	2.70	2.75	2.96	2.81	4.92	ppb
Silver	107-1	2.00	2.08	2.02	2.03	2.26	ppb
Silver	109-1	2.00	2.06	2.04	2.03	1.63	ppb
Sodium	23-2	1053.85	1051.28	1046.88	1050.67	0.34	ppb
Strontium	86-1	2.02	2.06	2.16	2.08	3.33	ppb
Strontium	88-1	2.09	2.09	2.12	2.10	0.73	ppb
Sulfur	34-1	-87.06	-204.86	-174.07	-155.33		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.78	1.75	1.81	1.78	1.78	ppb
Thallium	205-1	1.79	1.75	1.73	1.76	1.85	ppb
Tin	118-1	0.03	0.05	0.05	0.05	20.93	ppb
Titanium	47-1	9.27	8.94	9.41	9.20	2.61	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.72	1.74	1.73	1.73	0.79	ppb
Vanadium	51-2	10.46	10.59	10.51	10.52	0.61	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	10.91	10.71	11.17	10.93	2.08	ppb
Zirconium	90-1	2.12	2.19	2.15	2.15	1.46	ppb
Zirconium	91-1	2.20	2.13	2.15	2.16	1.49	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.92	19.09	19.12	19.38	2.44	ppb
Antimony	121-1	2.08	2.06	2.07	2.07	0.51	ppb
Arsenic	75-2	1.04	1.03	0.97	1.01	3.55	ppb
Barium	135-1	9.44	9.45	9.58	9.49	0.84	ppb
Barium	137-1	9.59	9.71	9.67	9.66	0.64	ppb
Beryllium	9-1	1.08	1.15	1.10	1.11	2.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.39	1.27	1.31	1.32	4.77	ppb
Cadmium	106-1	2.70	1.71	1.65	2.02	29.35	ppb
Cadmium	111-1	1.26	1.27	1.36	1.30	4.08	ppb
Calcium	43-1	521.41	541.72	532.20	531.77	1.91	ppb
Calcium	44-1	520.54	530.16	532.63	527.78	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.35	2.36	2.41	2.37	1.44	ppb
Cobalt	59-2	1.05	1.09	1.09	1.08	2.29	ppb
Copper	63-2	2.11	2.14	2.20	2.15	2.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	231.86	227.14	229.04	229.35	1.03	ppb
Iron	57-2	229.77	224.77	228.80	227.78	1.16	ppb
Iron	54-2	230.93	229.32	231.10	230.45	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.95	1.00	0.93	0.96	4.05	ppb
Lead	207-1	0.99	0.96	0.93	0.96	3.19	ppb
Lead	208-1	0.96	0.97	0.94	0.95	1.82	ppb
Lithium	6-1				98		%
Magnesium	24-2	560.92	554.73	558.20	557.95	0.56	ppb
Manganese	55-2	1.06	1.09	1.04	1.06	2.56	ppb
Molybdenum	94-1	5.65	5.86	5.71	5.74	1.90	ppb
Molybdenum	95-1	4.72	4.68	4.64	4.68	0.87	ppb
Molybdenum	96-1	4.83	4.82	4.71	4.79	1.42	ppb
Molybdenum	97-1	4.69	4.73	4.73	4.72	0.46	ppb
Molybdenum	98-1	4.68	4.70	4.70	4.69	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.18	1.29	1.23	4.48	ppb
Phosphorus	31-2	-18.31	-16.87	-17.98	-17.72		ppb
Potassium	39-2	544.01	535.29	539.03	539.45	0.81	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	5.49	5.12	5.26	5.29	3.51	ppb
Selenium	77-2	5.85	4.66	5.99	5.50	13.33	ppb
Selenium	78-2	4.92	4.53	5.78	5.08	12.64	ppb
Silicon	28-1	1.10	1.13	1.23	1.15	6.09	ppb
Silver	107-1	1.02	1.05	1.05	1.04	1.55	ppb
Silver	109-1	0.99	1.06	1.04	1.03	3.82	ppb
Sodium	23-2	535.93	532.65	530.36	532.98	0.53	ppb
Strontium	86-1	1.13	1.09	1.03	1.09	4.70	ppb
Strontium	88-1	1.08	1.11	1.07	1.09	1.71	ppb
Sulfur	34-1	-79.21	-114.38	-132.33	-108.64		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.91	0.91	0.90	0.91	0.45	ppb
Thallium	205-1	0.92	0.91	0.88	0.90	2.27	ppb
Tin	118-1	0.03	0.03	0.05	0.04	23.58	ppb
Titanium	47-1	4.63	5.16	4.80	4.86	5.58	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.88	0.86	0.87	1.08	ppb
Vanadium	51-2	5.41	5.28	5.21	5.30	1.84	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	6.06	6.02	5.54	5.87	4.89	ppb
Zirconium	90-1	1.10	1.11	1.11	1.11	0.51	ppb
Zirconium	91-1	1.11	1.13	1.06	1.10	2.93	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80314.42	81430.68	81102.62	80949.24	0.71	ppb
Antimony	121-1	1.90	1.94	2.00	1.95	2.50	ppb
Arsenic	75-2	171.52	173.67	168.71	171.30	1.45	ppb
Barium	135-1	358.25	361.63	366.83	362.24	1.19	ppb
Barium	137-1	376.08	382.10	379.40	379.20	0.80	ppb
Beryllium	9-1	1.46	1.47	1.50	1.48	1.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.72	5.08	5.40	5.06	6.77	ppb
Cadmium	106-1	6.71	6.08	6.74	6.51	5.75	ppb
Cadmium	111-1	4.86	4.76	4.91	4.84	1.68	ppb
Calcium	43-1	7447.20	7662.07	7629.36	7579.54	1.53	ppb
Calcium	44-1	6904.32	7056.24	7103.10	7021.22	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	150.84	152.11	152.13	151.69	0.49	ppb
Cobalt	59-2	90.30	91.57	91.21	91.02	0.72	ppb
Copper	63-2	492.44	497.10	500.86	496.80	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	187392.21	190161.06	190005.09	189186.12	0.82	ppb
Iron	57-2	186891.64	188364.51	185424.77	186893.64	0.79	ppb
Iron	54-2	187040.30	188451.91	187512.61	187668.27	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	168.23	170.12	173.25	170.54	1.49	ppb
Lead	207-1	170.81	169.34	172.06	170.74	0.80	ppb
Lead	208-1	177.25	178.13	180.07	178.48	0.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	55228.69	55387.29	55382.88	55332.95	0.16	ppb
Manganese	55-2	3808.52	3862.62	3848.00	3839.71	0.73	ppb
Molybdenum	94-1	14.72	15.09	15.11	14.97	1.47	ppb
Molybdenum	95-1	2.20	2.28	2.19	2.22	2.24	ppb
Molybdenum	96-1	4.79	4.86	4.77	4.81	1.02	ppb
Molybdenum	97-1	2.16	2.19	2.22	2.19	1.33	ppb
Molybdenum	98-1	2.16	2.17	2.19	2.17	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.98	117.49	117.11	116.53	1.16	ppb
Phosphorus	31-2	1593.94	1583.79	1581.62	1586.45	0.41	ppb
Potassium	39-2	5644.38	5769.14	5729.40	5714.31	1.12	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				142		%
Scandium	45-2				141		%
Selenium	82-1	2.18	2.09	1.51	1.93	19.00	ppb
Selenium	77-2	17.77	18.85	17.45	18.02	4.07	ppb
Selenium	78-2	3.30	4.15	4.74	4.06	17.91	ppb
Silicon	28-1	687.34	709.22	705.32	700.63	1.67	ppb
Silver	107-1	1.21	1.18	1.21	1.20	1.25	ppb
Silver	109-1	1.22	1.19	1.20	1.20	1.20	ppb
Sodium	23-2	147.49	150.52	151.26	149.76	1.33	ppb
Strontium	86-1	55.62	56.91	56.49	56.34	1.17	ppb
Strontium	88-1	55.40	55.87	56.31	55.86	0.81	ppb
Sulfur	34-1	-1653.19	-1652.02	-1671.76	-1658.99		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.38	0.37	0.42	0.39	5.40	ppb
Thallium	205-1	0.35	0.38	0.44	0.39	12.30	ppb
Tin	118-1	3.64	3.61	3.71	3.66	1.40	ppb
Titanium	47-1	546.09	564.58	548.82	553.17	1.80	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.08	1.04	1.06	1.06	1.56	ppb
Vanadium	51-2	587.06	593.54	589.25	589.95	0.56	ppb
Yttrium	89-1				122		%
Yttrium	89-2				119		%
Zinc	66-2	450.73	452.01	451.31	451.35	0.14	ppb
Zirconium	90-1	7.59	7.90	7.85	7.78	2.19	ppb
Zirconium	91-1	7.64	7.91	7.97	7.84	2.22	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81316.76	80485.02	79851.48	80551.09	0.91	ppb
Antimony	121-1	1.88	1.94	1.98	1.93	2.54	ppb
Arsenic	75-2	169.74	169.17	171.17	170.03	0.61	ppb
Barium	135-1	356.51	364.31	364.55	361.79	1.27	ppb
Barium	137-1	369.32	382.79	378.04	376.72	1.81	ppb
Beryllium	9-1	1.49	1.44	1.62	1.52	5.85	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.91	4.75	5.32	5.00	5.90	ppb
Cadmium	106-1	7.29	7.17	7.12	7.19	1.21	ppb
Cadmium	111-1	4.73	4.82	4.83	4.79	1.14	ppb
Calcium	43-1	7563.68	7586.46	7624.97	7591.70	0.41	ppb
Calcium	44-1	6957.90	7048.42	7008.57	7004.96	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.00	151.19	150.79	151.33	0.41	ppb
Cobalt	59-2	90.65	90.26	90.05	90.32	0.34	ppb
Copper	63-2	491.22	490.37	490.16	490.58	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	188686.47	187490.34	188945.10	188373.97	0.41	ppb
Iron	57-2	185290.85	186020.67	183310.38	184873.97	0.76	ppb
Iron	54-2	187501.40	187362.55	186964.50	187276.15	0.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	168.01	170.38	170.93	169.77	0.91	ppb
Lead	207-1	169.78	172.05	170.82	170.88	0.67	ppb
Lead	208-1	177.55	179.43	177.99	178.32	0.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	55625.98	55056.21	55330.48	55337.56	0.51	ppb
Manganese	55-2	3794.81	3807.94	3786.09	3796.28	0.29	ppb
Molybdenum	94-1	14.72	14.85	15.20	14.92	1.66	ppb
Molybdenum	95-1	2.24	2.26	2.34	2.28	2.50	ppb
Molybdenum	96-1	4.69	4.79	4.75	4.74	1.07	ppb
Molybdenum	97-1	2.21	2.23	2.11	2.18	3.10	ppb
Molybdenum	98-1	2.14	2.15	2.15	2.15	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.87	116.18	115.85	115.97	0.16	ppb
Phosphorus	31-2	1589.01	1595.26	1546.72	1577.00	1.67	ppb
Potassium	39-2	5686.48	5688.69	5727.96	5701.04	0.41	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				141		%
Scandium	45-2				142		%
Selenium	82-1	1.76	1.32	1.75	1.61	15.45	ppb
Selenium	77-2	17.01	17.27	15.69	16.66	5.08	ppb
Selenium	78-2	4.62	4.12	3.78	4.18	10.11	ppb
Silicon	28-1	695.88	708.46	703.78	702.71	0.90	ppb
Silver	107-1	1.14	1.17	1.16	1.16	1.55	ppb
Silver	109-1	1.13	1.16	1.16	1.15	1.48	ppb
Sodium	23-2	165.47	166.35	205.03	178.95	12.62	ppb
Strontium	86-1	55.99	56.96	57.13	56.69	1.09	ppb
Strontium	88-1	55.99	56.81	57.09	56.63	1.01	ppb
Sulfur	34-1	-1688.53	-1737.62	-1730.59	-1718.91		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.38	0.40	0.43	0.40	6.18	ppb
Thallium	205-1	0.38	0.40	0.42	0.40	5.86	ppb
Tin	118-1	3.62	3.68	3.80	3.70	2.51	ppb
Titanium	47-1	544.90	545.74	547.36	546.00	0.23	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.06	1.06	1.06	0.45	ppb
Vanadium	51-2	588.03	587.98	587.19	587.73	0.08	ppb
Yttrium	89-1				123		%
Yttrium	89-2				119		%
Zinc	66-2	453.05	447.97	448.99	450.00	0.60	ppb
Zirconium	90-1	7.60	7.87	7.98	7.82	2.52	ppb
Zirconium	91-1	7.68	7.91	8.00	7.86	2.08	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70776.72	70625.30	69635.96	70345.99	0.88	ppb
Antimony	121-1	1.91	1.89	1.88	1.89	0.97	ppb
Arsenic	75-2	262.28	257.50	260.40	260.06	0.93	ppb
Barium	135-1	341.17	343.37	339.99	341.51	0.50	ppb
Barium	137-1	358.87	362.09	354.70	358.55	1.03	ppb
Beryllium	9-1	1.30	1.37	1.40	1.35	3.67	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.67	4.28	3.96	3.97	7.79	ppb
Cadmium	106-1	6.38	5.87	6.17	6.14	4.17	ppb
Cadmium	111-1	3.61	3.60	3.67	3.63	1.05	ppb
Calcium	43-1	6685.20	6657.60	6797.66	6713.49	1.11	ppb
Calcium	44-1	6134.18	6195.10	6160.29	6163.19	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152.92	152.99	152.03	152.65	0.35	ppb
Cobalt	59-2	81.64	82.51	81.16	81.77	0.84	ppb
Copper	63-2	455.21	457.28	458.93	457.14	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				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	177905.51	178297.23	176704.60	177635.78	0.47	ppb
Iron	57-2	173556.06	172528.74	173319.96	173134.92	0.31	ppb
Iron	54-2	176208.98	177252.49	175346.18	176269.22	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	142.94	143.49	147.58	144.67	1.75	ppb
Lead	207-1	144.26	145.86	146.26	145.46	0.73	ppb
Lead	208-1	150.55	151.25	153.64	151.81	1.07	ppb
Lithium	6-1				99		%
Magnesium	24-2	47651.60	47896.89	47142.47	47563.65	0.81	ppb
Manganese	55-2	3101.43	3132.68	3069.21	3101.11	1.02	ppb
Molybdenum	94-1	12.93	13.08	13.01	13.01	0.60	ppb
Molybdenum	95-1	1.64	1.70	1.64	1.66	2.28	ppb
Molybdenum	96-1	3.97	4.08	3.95	4.00	1.73	ppb
Molybdenum	97-1	1.61	1.62	1.65	1.63	1.46	ppb
Molybdenum	98-1	1.61	1.59	1.55	1.59	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.82	129.03	127.60	128.48	0.60	ppb
Phosphorus	31-2	1635.84	1677.51	1645.87	1653.07	1.32	ppb
Potassium	39-2	7409.51	7543.13	7309.42	7420.69	1.58	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				138		%
Scandium	45-2				137		%
Selenium	82-1	1.52	1.48	1.26	1.42	9.93	ppb
Selenium	77-2	14.35	14.83	14.88	14.68	2.01	ppb
Selenium	78-2	3.61	1.69	2.57	2.62	36.74	ppb
Silicon	28-1	745.85	736.00	740.09	740.64	0.67	ppb
Silver	107-1	0.84	0.87	0.85	0.85	1.53	ppb
Silver	109-1	0.87	0.86	0.88	0.87	1.40	ppb
Sodium	23-2	201.94	207.12	205.76	204.94	1.31	ppb
Strontium	86-1	51.71	51.37	50.86	51.31	0.83	ppb
Strontium	88-1	49.86	50.88	50.33	50.36	1.02	ppb
Sulfur	34-1	-1500.45	-1618.06	-1558.81	-1559.11		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.34	0.34	0.35	0.34	2.38	ppb
Thallium	205-1	0.33	0.35	0.37	0.35	5.20	ppb
Tin	118-1	3.58	3.62	3.51	3.57	1.52	ppb
Titanium	47-1	863.11	878.34	894.63	878.69	1.79	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.67	0.67	0.66	1.54	ppb
Vanadium	51-2	537.64	539.42	535.24	537.43	0.39	ppb
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	383.12	384.67	382.99	383.59	0.24	ppb
Zirconium	90-1	7.02	7.00	6.89	6.97	1.04	ppb
Zirconium	91-1	7.15	6.99	6.91	7.02	1.75	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83979.65	84693.91	85121.30	84598.28	0.68	ppb
Antimony	121-1	1.52	1.48	1.50	1.50	1.38	ppb
Arsenic	75-2	169.76	166.50	172.05	169.43	1.65	ppb
Barium	135-1	298.08	293.46	300.90	297.48	1.26	ppb
Barium	137-1	296.12	303.19	306.32	301.88	1.73	ppb
Beryllium	9-1	1.49	1.45	1.39	1.44	3.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.50	4.43	4.56	4.49	1.43	ppb
Cadmium	106-1	6.92	6.63	5.98	6.51	7.39	ppb
Cadmium	111-1	4.35	4.19	4.21	4.25	2.02	ppb
Calcium	43-1	9725.64	9621.96	9747.61	9698.40	0.69	ppb
Calcium	44-1	8835.37	8954.56	8995.92	8928.62	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168.43	167.27	170.09	168.60	0.84	ppb
Cobalt	59-2	102.31	102.57	103.49	102.79	0.60	ppb
Copper	63-2	522.40	515.57	519.50	519.16	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				109		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	196646.72	197022.73	199380.70	197683.38	0.75	ppb
Iron	57-2	192265.00	195253.04	194209.39	193909.14	0.78	ppb
Iron	54-2	195829.12	197447.42	199073.98	197450.18	0.82	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	157.68	159.35	158.94	158.66	0.55	ppb
Lead	207-1	154.37	164.08	163.11	160.52	3.33	ppb
Lead	208-1	161.80	168.50	167.12	165.81	2.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	58556.86	58853.65	58826.31	58745.61	0.28	ppb
Manganese	55-2	3756.07	3812.51	3808.37	3792.32	0.83	ppb
Molybdenum	94-1	11.33	11.55	11.64	11.51	1.36	ppb
Molybdenum	95-1	1.61	1.71	1.65	1.65	3.04	ppb
Molybdenum	96-1	3.91	4.07	4.01	4.00	2.07	ppb
Molybdenum	97-1	1.61	1.71	1.65	1.66	2.99	ppb
Molybdenum	98-1	1.59	1.66	1.63	1.63	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.90	139.04	139.41	138.78	0.57	ppb
Phosphorus	31-2	1596.16	1621.29	1627.43	1614.96	1.03	ppb
Potassium	39-2	6524.35	6646.85	6652.08	6607.76	1.09	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				133		%
Scandium	45-2				135		%
Selenium	82-1	0.95	0.93	1.45	1.11	26.45	ppb
Selenium	77-2	14.47	13.20	11.13	12.93	13.02	ppb
Selenium	78-2	4.02	3.21	2.43	3.22	24.73	ppb
Silicon	28-1	898.09	876.67	886.98	887.25	1.21	ppb
Silver	107-1	1.10	1.08	1.08	1.09	1.14	ppb
Silver	109-1	1.08	1.11	1.11	1.10	1.44	ppb
Sodium	23-2	241.84	244.90	246.56	244.43	0.98	ppb
Strontium	86-1	54.50	57.51	57.07	56.36	2.88	ppb
Strontium	88-1	55.45	56.08	55.74	55.76	0.57	ppb
Sulfur	34-1	-1192.51	-1322.31	-1285.69	-1266.84		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.26	0.29	0.28	5.64	ppb
Thallium	205-1	0.27	0.29	0.28	0.28	3.11	ppb
Tin	118-1	3.67	3.63	3.73	3.67	1.33	ppb
Titanium	47-1	1139.25	1142.10	1122.90	1134.75	0.91	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.77	0.78	0.76	2.26	ppb
Vanadium	51-2	557.64	565.64	566.34	563.20	0.86	ppb
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	473.33	478.25	480.83	477.47	0.80	ppb
Zirconium	90-1	5.95	6.28	6.17	6.13	2.73	ppb
Zirconium	91-1	5.93	6.31	6.29	6.18	3.46	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64568.86	64038.94	64489.05	64365.62	0.44	ppb
Antimony	121-1	2.76	2.70	2.79	2.75	1.62	ppb
Arsenic	75-2	191.17	187.04	188.68	188.96	1.10	ppb
Barium	135-1	199.92	197.81	202.29	200.01	1.12	ppb
Barium	137-1	203.11	199.49	202.83	201.81	1.00	ppb
Beryllium	9-1	0.97	0.99	1.01	0.99	2.12	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.71	4.48	4.18	4.46	5.87	ppb
Cadmium	106-1	6.52	5.08	5.59	5.73	12.73	ppb
Cadmium	111-1	2.97	2.81	2.97	2.91	3.25	ppb
Calcium	43-1	11775.20	11529.07	11807.19	11703.82	1.30	ppb
Calcium	44-1	10877.54	10505.20	10786.60	10723.11	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231.97	225.86	229.41	229.08	1.34	ppb
Cobalt	59-2	110.80	108.65	109.82	109.76	0.98	ppb
Copper	63-2	449.85	451.92	444.98	448.92	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				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	159357.57	156476.60	158861.29	158231.82	0.97	ppb
Iron	57-2	156145.88	156051.58	155175.47	155790.97	0.34	ppb
Iron	54-2	157049.97	155339.49	158073.98	156821.15	0.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.48	92.56	94.32	93.45	0.94	ppb
Lead	207-1	93.81	94.67	96.39	94.96	1.38	ppb
Lead	208-1	97.69	92.60	94.41	94.90	2.72	ppb
Lithium	6-1				96		%
Magnesium	24-2	44407.53	44248.95	44760.62	44472.37	0.59	ppb
Manganese	55-2	3481.39	3406.60	3442.45	3443.48	1.09	ppb
Molybdenum	94-1	11.32	11.33	11.50	11.38	0.86	ppb
Molybdenum	95-1	0.95	1.01	1.02	0.99	4.15	ppb
Molybdenum	96-1	3.05	3.00	3.01	3.02	0.90	ppb
Molybdenum	97-1	0.99	0.96	0.94	0.97	2.67	ppb
Molybdenum	98-1	0.92	0.91	0.93	0.92	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.93	153.61	156.50	156.01	1.41	ppb
Phosphorus	31-2	1268.18	1278.32	1310.87	1285.79	1.73	ppb
Potassium	39-2	5186.69	5156.54	5144.10	5162.45	0.42	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				122		%
Scandium	45-2				123		%
Selenium	82-1	0.99	1.14	1.31	1.15	14.08	ppb
Selenium	77-2	7.70	6.78	8.77	7.75	12.88	ppb
Selenium	78-2	1.10	3.15	2.32	2.19	47.17	ppb
Silicon	28-1	804.78	795.59	795.65	798.67	0.66	ppb
Silver	107-1	0.44	0.47	0.45	0.45	3.38	ppb
Silver	109-1	0.45	0.44	0.46	0.45	2.69	ppb
Sodium	23-2	297.00	292.45	301.15	296.87	1.47	ppb
Strontium	86-1	62.35	62.06	62.37	62.26	0.28	ppb
Strontium	88-1	61.78	62.29	61.83	61.97	0.46	ppb
Sulfur	34-1	-1193.34	-1281.49	-1263.20	-1246.01		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.17	0.16	0.16	0.16	5.59	ppb
Thallium	205-1	0.17	0.17	0.16	0.16	1.90	ppb
Tin	118-1	2.61	2.52	2.62	2.58	2.07	ppb
Titanium	47-1	2279.67	2268.33	2326.76	2291.59	1.35	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.47	0.46	0.47	0.46	0.81	ppb
Vanadium	51-2	344.67	343.77	343.29	343.91	0.20	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	365.50	359.47	360.64	361.87	0.88	ppb
Zirconium	90-1	6.34	6.34	6.37	6.35	0.27	ppb
Zirconium	91-1	6.35	6.39	6.43	6.39	0.67	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75370.57	75234.67	74800.81	75135.35	0.40	ppb
Antimony	121-1	1.78	1.79	1.72	1.76	2.15	ppb
Arsenic	75-2	229.28	231.41	231.93	230.87	0.61	ppb
Barium	135-1	240.66	246.92	237.86	241.81	1.92	ppb
Barium	137-1	241.53	250.04	244.31	245.29	1.77	ppb
Beryllium	9-1	1.34	1.36	1.33	1.34	1.27	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.94	3.93	4.02	3.96	1.30	ppb
Cadmium	106-1	6.90	6.25	5.16	6.10	14.41	ppb
Cadmium	111-1	3.78	3.79	3.51	3.69	4.28	ppb
Calcium	43-1	7808.84	7640.68	7893.24	7780.92	1.65	ppb
Calcium	44-1	7200.85	7212.27	7234.68	7215.93	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	158.16	156.21	156.75	157.04	0.64	ppb
Cobalt	59-2	84.83	84.51	84.17	84.50	0.39	ppb
Copper	63-2	439.89	439.99	432.10	437.33	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				111		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	173370.54	172354.24	173299.34	173008.04	0.33	ppb
Iron	57-2	169678.93	169948.40	169517.46	169714.93	0.13	ppb
Iron	54-2	172357.39	171901.33	171446.88	171901.87	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.18	116.54	120.41	120.04	2.78	ppb
Lead	207-1	121.58	118.59	123.07	121.08	1.89	ppb
Lead	208-1	125.96	123.05	127.56	125.52	1.82	ppb
Lithium	6-1				96		%
Magnesium	24-2	51976.12	52076.17	51442.94	51831.75	0.66	ppb
Manganese	55-2	2881.01	2908.96	2888.85	2892.94	0.50	ppb
Molybdenum	94-1	11.71	11.73	11.76	11.74	0.21	ppb
Molybdenum	95-1	1.56	1.60	1.56	1.58	1.59	ppb
Molybdenum	96-1	3.83	3.89	3.95	3.89	1.60	ppb
Molybdenum	97-1	1.58	1.62	1.61	1.60	1.36	ppb
Molybdenum	98-1	1.58	1.57	1.59	1.58	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.68	131.93	130.39	131.67	0.89	ppb
Phosphorus	31-2	1354.69	1349.58	1346.83	1350.37	0.30	ppb
Potassium	39-2	3784.25	3742.66	3715.23	3747.38	0.93	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				143		%
Scandium	45-2				144		%
Selenium	82-1	1.00	1.21	1.04	1.08	10.25	ppb
Selenium	77-2	16.22	16.03	12.66	14.97	13.37	ppb
Selenium	78-2	2.28	3.32	3.07	2.89	18.70	ppb
Silicon	28-1	733.67	740.26	740.32	738.08	0.52	ppb
Silver	107-1	0.68	0.67	0.67	0.68	1.06	ppb
Silver	109-1	0.66	0.67	0.67	0.66	1.11	ppb
Sodium	23-2	178.59	177.50	176.51	177.54	0.59	ppb
Strontium	86-1	59.36	60.70	60.46	60.17	1.19	ppb
Strontium	88-1	58.63	60.17	59.52	59.44	1.30	ppb
Sulfur	34-1	-1471.37	-1513.13	-1478.69	-1487.73		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.21	0.21	0.21	0.21	1.21	ppb
Thallium	205-1	0.21	0.20	0.21	0.21	1.05	ppb
Tin	118-1	3.48	3.57	3.58	3.54	1.46	ppb
Titanium	47-1	603.37	600.66	607.92	603.98	0.61	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.74	0.76	0.75	2.19	ppb
Vanadium	51-2	547.72	546.62	545.11	546.48	0.24	ppb
Yttrium	89-1				121		%
Yttrium	89-2				117		%
Zinc	66-2	396.29	397.41	396.55	396.75	0.15	ppb
Zirconium	90-1	6.17	6.10	6.24	6.17	1.17	ppb
Zirconium	91-1	6.21	6.20	6.43	6.28	2.06	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58572.92	58595.29	57570.30	58246.17	1.01	ppb
Antimony	121-1	3.29	3.37	3.40	3.35	1.69	ppb
Arsenic	75-2	160.61	163.94	162.36	162.30	1.03	ppb
Barium	135-1	162.11	166.64	164.81	164.52	1.39	ppb
Barium	137-1	164.14	168.43	167.76	166.78	1.38	ppb
Beryllium	9-1	1.07	0.95	0.93	0.98	7.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.60	4.91	5.04	4.85	4.67	ppb
Cadmium	106-1	6.19	5.97	5.75	5.97	3.71	ppb
Cadmium	111-1	3.28	3.36	3.32	3.32	1.22	ppb
Calcium	43-1	12139.20	12370.57	12239.32	12249.70	0.95	ppb
Calcium	44-1	11452.53	11428.47	11347.33	11409.44	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	217.30	216.56	217.11	216.99	0.18	ppb
Cobalt	59-2	112.93	112.45	113.52	112.97	0.47	ppb
Copper	63-2	494.51	483.86	483.51	487.30	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				111		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	143821.23	145101.01	145541.82	144821.35	0.62	ppb
Iron	57-2	140979.03	142386.95	139885.53	141083.83	0.89	ppb
Iron	54-2	143065.64	143760.15	144415.64	143747.15	0.47	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	105.84	109.45	109.84	108.38	2.03	ppb
Lead	207-1	106.00	110.72	109.33	108.68	2.23	ppb
Lead	208-1	111.24	114.69	114.60	113.51	1.73	ppb
Lithium	6-1				95		%
Magnesium	24-2	37878.02	38133.37	38017.86	38009.75	0.34	ppb
Manganese	55-2	2784.53	2800.19	2800.75	2795.16	0.33	ppb
Molybdenum	94-1	12.61	12.67	12.70	12.66	0.36	ppb
Molybdenum	95-1	0.86	0.97	0.89	0.91	6.24	ppb
Molybdenum	96-1	3.02	3.03	2.95	3.00	1.54	ppb
Molybdenum	97-1	0.87	0.88	0.91	0.89	2.53	ppb
Molybdenum	98-1	0.86	0.84	0.84	0.85	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.75	142.89	144.24	143.96	0.67	ppb
Phosphorus	31-2	1313.94	1313.78	1326.88	1318.20	0.57	ppb
Potassium	39-2	4711.10	4681.70	4689.42	4694.07	0.32	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				124		%
Scandium	45-2				124		%
Selenium	82-1	1.17	1.33	1.26	1.25	6.44	ppb
Selenium	77-2	8.90	5.77	8.17	7.62	21.51	ppb
Selenium	78-2	1.26	2.88	1.23	1.79	52.64	ppb
Silicon	28-1	657.92	658.52	652.18	656.21	0.53	ppb
Silver	107-1	0.52	0.53	0.55	0.54	2.85	ppb
Silver	109-1	0.53	0.56	0.55	0.55	2.96	ppb
Sodium	23-2	347.03	348.90	346.99	347.64	0.31	ppb
Strontium	86-1	55.26	55.56	56.36	55.72	1.03	ppb
Strontium	88-1	55.57	55.43	55.42	55.47	0.15	ppb
Sulfur	34-1	-1251.46	-1219.02	-1256.66	-1242.38		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.16	0.17	0.19	0.17	7.73	ppb
Thallium	205-1	0.16	0.18	0.17	0.17	5.65	ppb
Tin	118-1	3.07	3.28	3.24	3.20	3.36	ppb
Titanium	47-1	3065.93	3120.49	3038.73	3075.05	1.35	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.44	0.48	0.47	0.46	4.35	ppb
Vanadium	51-2	297.95	301.18	302.21	300.45	0.74	ppb
Yttrium	89-1				120		%
Yttrium	89-2				114		%
Zinc	66-2	384.60	384.28	382.19	383.69	0.34	ppb
Zirconium	90-1	7.03	7.16	7.17	7.12	1.08	ppb
Zirconium	91-1	7.16	7.11	7.31	7.19	1.40	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62814.70	62914.99	62786.95	62838.88	0.11	ppb
Antimony	121-1	2.83	2.94	2.88	2.88	1.90	ppb
Arsenic	75-2	168.58	167.58	168.43	168.19	0.32	ppb
Barium	135-1	215.72	218.67	220.51	218.30	1.11	ppb
Barium	137-1	219.03	221.15	224.54	221.57	1.25	ppb
Beryllium	9-1	1.09	0.99	1.11	1.06	6.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.45	4.90	5.06	4.80	6.65	ppb
Cadmium	106-1	5.23	5.63	5.93	5.60	6.26	ppb
Cadmium	111-1	2.74	2.71	2.95	2.80	4.61	ppb
Calcium	43-1	11682.64	11720.79	11625.19	11676.21	0.41	ppb
Calcium	44-1	10742.77	10898.13	10741.25	10794.05	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	213.41	213.14	211.10	212.55	0.59	ppb
Cobalt	59-2	120.59	121.45	120.44	120.83	0.45	ppb
Copper	63-2	481.53	490.27	493.99	488.60	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	56-2	154326.04	157268.83	153974.23	155189.70	1.17	ppb
Iron	57-2	149946.36	152257.69	152512.15	151572.07	0.93	ppb
Iron	54-2	154180.61	155237.93	152135.36	153851.30	1.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	98.65	99.38	98.45	98.83	0.50	ppb
Lead	207-1	99.07	99.99	98.55	99.20	0.73	ppb
Lead	208-1	102.57	103.86	103.59	103.34	0.65	ppb
Lithium	6-1				94		%
Magnesium	24-2	41323.23	40951.69	40920.23	41065.05	0.55	ppb
Manganese	55-2	3170.17	3233.36	3118.61	3174.04	1.81	ppb
Molybdenum	94-1	12.30	12.30	12.34	12.31	0.19	ppb
Molybdenum	95-1	0.95	0.94	0.93	0.94	1.13	ppb
Molybdenum	96-1	3.13	3.06	2.99	3.06	2.19	ppb
Molybdenum	97-1	0.89	0.92	0.94	0.92	2.71	ppb
Molybdenum	98-1	0.91	0.92	0.91	0.92	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	157.71	158.70	159.06	158.49	0.44	ppb
Phosphorus	31-2	1393.35	1424.29	1346.01	1387.88	2.84	ppb
Potassium	39-2	8376.01	8301.45	8209.79	8295.75	1.00	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				125		%
Scandium	45-2				124		%
Selenium	82-1	1.73	1.07	1.52	1.44	23.34	ppb
Selenium	77-2	10.61	7.17	5.69	7.82	32.28	ppb
Selenium	78-2	2.21	2.39	1.98	2.19	9.30	ppb
Silicon	28-1	658.07	659.14	645.08	654.10	1.20	ppb
Silver	107-1	0.56	0.59	0.61	0.59	3.75	ppb
Silver	109-1	0.57	0.58	0.61	0.58	3.47	ppb
Sodium	23-2	325.49	329.09	327.76	327.45	0.56	ppb
Strontium	86-1	54.46	54.61	54.55	54.54	0.14	ppb
Strontium	88-1	53.50	54.54	53.72	53.92	1.02	ppb
Sulfur	34-1	-1159.28	-1188.63	-1281.18	-1209.70		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.23	0.22	0.20	0.22	8.34	ppb
Thallium	205-1	0.20	0.21	0.20	0.20	3.04	ppb
Tin	118-1	3.04	3.10	3.09	3.08	1.04	ppb
Titanium	47-1	2366.68	2339.29	2300.75	2335.57	1.42	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.51	0.51	0.51	1.34	ppb
Vanadium	51-2	319.62	318.57	322.00	320.06	0.55	ppb
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	332.75	329.49	330.22	330.82	0.52	ppb
Zirconium	90-1	6.91	7.03	6.93	6.96	0.90	ppb
Zirconium	91-1	6.99	7.08	6.87	6.98	1.53	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63063.04	63510.51	63002.50	63192.02	0.44	ppb
Antimony	121-1	2.70	2.76	2.82	2.76	2.27	ppb
Arsenic	75-2	180.56	179.76	177.29	179.21	0.95	ppb
Barium	135-1	238.00	242.41	243.80	241.40	1.25	ppb
Barium	137-1	241.86	245.21	248.56	245.21	1.37	ppb
Beryllium	9-1	1.28	1.21	1.18	1.22	4.21	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.50	5.00	5.22	4.91	7.58	ppb
Cadmium	106-1	5.96	6.07	5.69	5.91	3.28	ppb
Cadmium	111-1	2.86	2.84	2.97	2.89	2.47	ppb
Calcium	43-1	12955.51	13044.23	13117.99	13039.24	0.62	ppb
Calcium	44-1	12035.08	12071.03	12177.78	12094.63	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	218.94	218.06	217.74	218.25	0.29	ppb
Cobalt	59-2	119.95	119.26	120.41	119.87	0.48	ppb
Copper	63-2	513.40	507.76	513.31	511.49	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				112		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	154254.38	151722.16	152763.96	152913.50	0.83	ppb
Iron	57-2	153410.28	150347.09	150735.73	151497.70	1.10	ppb
Iron	54-2	151790.11	151232.81	152005.01	151675.98	0.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.60	82.10	83.64	82.78	0.95	ppb
Lead	207-1	82.84	83.71	83.22	83.26	0.53	ppb
Lead	208-1	82.17	82.58	83.02	82.59	0.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	38674.19	38571.62	38937.76	38727.86	0.49	ppb
Manganese	55-2	3516.96	3486.60	3519.26	3507.61	0.52	ppb
Molybdenum	94-1	14.86	15.40	14.96	15.07	1.91	ppb
Molybdenum	95-1	0.98	1.03	1.03	1.01	2.85	ppb
Molybdenum	96-1	3.36	3.34	3.33	3.34	0.43	ppb
Molybdenum	97-1	0.93	1.04	0.98	0.98	5.66	ppb
Molybdenum	98-1	0.95	0.98	0.94	0.96	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	151.77	153.17	152.82	152.59	0.47	ppb
Phosphorus	31-2	1254.21	1222.08	1246.71	1241.00	1.35	ppb
Potassium	39-2	4287.57	4304.27	4297.20	4296.35	0.20	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				123		%
Scandium	45-2				122		%
Selenium	82-1	1.92	1.61	1.57	1.70	11.04	ppb
Selenium	77-2	6.74	10.00	9.10	8.61	19.58	ppb
Selenium	78-2	1.81	2.59	2.86	2.42	22.36	ppb
Silicon	28-1	560.44	562.51	563.97	562.31	0.32	ppb
Silver	107-1	0.50	0.54	0.57	0.54	6.30	ppb
Silver	109-1	0.52	0.52	0.53	0.52	0.29	ppb
Sodium	23-2	251.01	253.09	250.95	251.68	0.48	ppb
Strontium	86-1	63.33	64.47	64.03	63.95	0.90	ppb
Strontium	88-1	62.76	63.05	62.10	62.64	0.78	ppb
Sulfur	34-1	-1053.69	-1057.50	-1130.85	-1080.68		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.17	0.18	0.18	0.18	2.55	ppb
Thallium	205-1	0.17	0.18	0.17	0.17	1.96	ppb
Tin	118-1	2.68	2.70	2.76	2.71	1.40	ppb
Titanium	47-1	2294.67	2315.96	2293.09	2301.24	0.56	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.61	0.64	0.62	2.83	ppb
Vanadium	51-2	316.68	313.00	315.73	315.13	0.61	ppb
Yttrium	89-1				119		%
Yttrium	89-2				114		%
Zinc	66-2	327.48	327.94	329.26	328.22	0.28	ppb
Zirconium	90-1	8.39	8.53	8.54	8.49	0.96	ppb
Zirconium	91-1	8.40	8.58	8.34	8.44	1.49	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	70058.87	63058.70	60257.28	64458.28	7.83	ppb
Antimony	121-1	2.58	2.65	2.60	2.61	1.25	ppb
Arsenic	75-2	221.33	197.23	191.38	203.32	7.81	ppb
Barium	135-1	214.71	216.36	212.37	214.48	0.93	ppb
Barium	137-1	219.53	216.38	217.14	217.68	0.75	ppb
Beryllium	9-1	1.11	1.10	1.08	1.10	1.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.69	5.88	5.61	5.73	2.46	ppb
Cadmium	106-1	7.72	7.60	6.75	7.36	7.18	ppb
Cadmium	111-1	3.61	3.53	3.50	3.55	1.53	ppb
Calcium	43-1	11587.90	11713.50	11728.04	11676.48	0.66	ppb
Calcium	44-1	10692.20	10695.94	10642.72	10676.95	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234.30	210.13	205.62	216.68	7.12	ppb
Cobalt	59-2	141.70	128.07	124.51	131.43	6.90	ppb
Copper	63-2	635.63	572.78	561.36	589.92	6.78	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				107		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	169224.28	154035.95	147549.21	156936.48	7.09	ppb
Iron	57-2	165029.74	148402.57	146047.20	153159.84	6.76	ppb
Iron	54-2	167841.56	150101.79	147034.49	154992.61	7.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	137.94	138.20	139.09	138.41	0.43	ppb
Lead	207-1	138.86	139.33	142.04	140.08	1.22	ppb
Lead	208-1	144.70	145.98	147.16	145.95	0.84	ppb
Lithium	6-1				95		%
Magnesium	24-2	43474.63	39101.02	38100.76	40225.47	7.10	ppb
Manganese	55-2	3379.75	3089.73	2951.79	3140.42	6.96	ppb
Molybdenum	94-1	14.91	15.05	15.22	15.06	1.03	ppb
Molybdenum	95-1	1.09	1.10	1.11	1.10	1.06	ppb
Molybdenum	96-1	3.40	3.49	3.40	3.43	1.51	ppb
Molybdenum	97-1	1.07	1.07	1.09	1.08	0.97	ppb
Molybdenum	98-1	1.04	1.06	1.03	1.04	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	169.28	152.81	147.97	156.69	7.13	ppb
Phosphorus	31-2	1777.66	1604.44	1577.12	1653.07	6.58	ppb
Potassium	39-2	6547.53	5912.10	5777.03	6078.89	6.77	ppb
Rhodium	103-1				106		%
Rhodium	103-2				97		%
Scandium	45-1				120		%
Scandium	45-2				113		%
Selenium	82-1	1.17	0.98	1.11	1.09	8.81	ppb
Selenium	77-2	9.89	8.47	10.21	9.52	9.72	ppb
Selenium	78-2	3.42	3.36	2.11	2.96	24.95	ppb
Silicon	28-1	764.76	773.18	762.97	766.97	0.71	ppb
Silver	107-1	0.90	0.89	0.86	0.88	2.61	ppb
Silver	109-1	0.87	0.90	0.88	0.88	1.40	ppb
Sodium	23-2	253.97	227.60	221.82	234.47	7.31	ppb
Strontium	86-1	61.83	62.21	62.51	62.18	0.55	ppb
Strontium	88-1	61.71	61.43	60.66	61.27	0.88	ppb
Sulfur	34-1	-846.56	-802.42	-884.32	-844.44		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.20	0.20	0.21	0.20	1.60	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	1.68	ppb
Tin	118-1	3.19	3.12	3.17	3.16	1.17	ppb
Titanium	47-1	1807.33	1833.28	1815.40	1818.67	0.73	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.67	0.69	0.67	2.69	ppb
Vanadium	51-2	376.28	331.80	325.92	344.67	7.99	ppb
Yttrium	89-1				115		%
Yttrium	89-2				106		%
Zinc	66-2	449.58	408.33	396.01	417.97	6.71	ppb
Zirconium	90-1	8.43	8.56	8.56	8.52	0.92	ppb
Zirconium	91-1	8.56	8.66	8.56	8.59	0.68	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62810.85	62847.56	63972.34	63210.25	1.04	ppb
Antimony	121-1	2.84	2.81	2.80	2.82	0.66	ppb
Arsenic	75-2	196.51	197.91	198.22	197.55	0.46	ppb
Barium	135-1	220.69	216.53	219.55	218.92	0.98	ppb
Barium	137-1	222.78	219.84	224.45	222.36	1.05	ppb
Beryllium	9-1	1.03	1.27	1.12	1.14	10.92	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.10	5.43	6.36	5.63	11.59	ppb
Cadmium	106-1	6.72	5.94	6.91	6.53	7.89	ppb
Cadmium	111-1	3.70	3.50	3.54	3.58	2.98	ppb
Calcium	43-1	12117.49	12269.02	12204.74	12197.09	0.62	ppb
Calcium	44-1	11068.91	11205.67	11210.31	11161.63	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	214.33	211.64	213.13	213.03	0.63	ppb
Cobalt	59-2	126.96	125.76	125.30	126.01	0.68	ppb
Copper	63-2	561.14	563.98	562.46	562.53	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	152617.02	151557.89	153427.89	152534.27	0.61	ppb
Iron	57-2	150030.42	148600.50	150319.68	149650.20	0.62	ppb
Iron	54-2	151980.37	149646.28	152613.24	151413.30	1.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	139.93	141.77	142.11	141.27	0.83	ppb
Lead	207-1	142.30	143.12	142.74	142.72	0.29	ppb
Lead	208-1	147.00	148.34	147.19	147.51	0.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	39713.82	39426.44	40112.69	39750.98	0.87	ppb
Manganese	55-2	3027.43	3022.20	3063.37	3037.66	0.74	ppb
Molybdenum	94-1	15.44	16.03	15.61	15.69	1.94	ppb
Molybdenum	95-1	1.14	1.13	1.10	1.12	1.84	ppb
Molybdenum	96-1	3.51	3.49	3.53	3.51	0.62	ppb
Molybdenum	97-1	1.06	1.10	1.09	1.09	2.20	ppb
Molybdenum	98-1	1.04	1.05	1.06	1.05	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.97	153.00	154.60	153.53	0.61	ppb
Phosphorus	31-2	1633.04	1608.34	1617.95	1619.78	0.77	ppb
Potassium	39-2	5907.04	5938.89	5937.74	5927.89	0.30	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				120		%
Scandium	45-2				121		%
Selenium	82-1	1.43	1.29	1.44	1.39	6.17	ppb
Selenium	77-2	7.24	7.57	8.34	7.72	7.33	ppb
Selenium	78-2	2.32	2.72	0.83	1.96	51.01	ppb
Silicon	28-1	737.86	742.10	727.76	735.91	1.00	ppb
Silver	107-1	0.87	0.87	0.87	0.87	0.62	ppb
Silver	109-1	0.90	0.92	0.89	0.90	1.34	ppb
Sodium	23-2	221.55	221.69	225.95	223.06	1.12	ppb
Strontium	86-1	62.50	64.26	63.46	63.41	1.39	ppb
Strontium	88-1	63.50	63.66	64.45	63.87	0.80	ppb
Sulfur	34-1	-972.78	-956.75	-972.90	-967.47		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.19	0.20	0.22	0.20	5.81	ppb
Thallium	205-1	0.20	0.20	0.19	0.20	1.34	ppb
Tin	118-1	3.14	3.12	3.20	3.15	1.38	ppb
Titanium	47-1	1918.70	1943.81	1961.69	1941.40	1.11	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.67	0.68	0.68	0.55	ppb
Vanadium	51-2	335.13	332.18	336.72	334.68	0.69	ppb
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	405.32	403.31	405.14	404.59	0.27	ppb
Zirconium	90-1	8.72	8.83	8.89	8.81	1.00	ppb
Zirconium	91-1	8.66	9.04	8.91	8.87	2.21	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12908.00	12946.21	12847.35	12900.52	0.39	ppb
Antimony	121-1	0.52	0.54	0.55	0.54	3.26	ppb
Arsenic	75-2	39.37	39.07	39.72	39.39	0.83	ppb
Barium	135-1	40.59	41.46	41.72	41.26	1.43	ppb
Barium	137-1	41.91	41.83	42.44	42.06	0.79	ppb
Beryllium	9-1	0.19	0.20	0.19	0.19	0.82	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.83	1.31	1.02	1.05	23.02	ppb
Cadmium	106-1	1.62	1.21	0.96	1.26	26.62	ppb
Cadmium	111-1	0.73	0.67	0.69	0.70	4.21	ppb
Calcium	43-1	2442.26	2403.47	2465.89	2437.21	1.29	ppb
Calcium	44-1	2263.48	2260.95	2304.32	2276.25	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.65	43.79	43.39	43.61	0.47	ppb
Cobalt	59-2	26.61	26.58	26.32	26.51	0.60	ppb
Copper	63-2	121.02	121.48	120.19	120.90	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				110		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	31654.61	31754.92	31449.33	31619.62	0.49	ppb
Iron	57-2	30816.61	30980.89	30236.33	30677.94	1.28	ppb
Iron	54-2	31173.83	31354.71	31182.92	31237.15	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.77	27.05	26.59	26.80	0.87	ppb
Lead	207-1	26.75	27.53	26.79	27.02	1.61	ppb
Lead	208-1	26.57	27.07	26.44	26.69	1.26	ppb
Lithium	6-1				97		%
Magnesium	24-2	8081.11	8061.35	8060.60	8067.69	0.14	ppb
Manganese	55-2	634.65	635.54	631.18	633.79	0.36	ppb
Molybdenum	94-1	2.84	3.04	2.98	2.95	3.51	ppb
Molybdenum	95-1	0.23	0.20	0.22	0.22	6.12	ppb
Molybdenum	96-1	0.69	0.71	0.68	0.70	2.49	ppb
Molybdenum	97-1	0.25	0.21	0.23	0.23	7.89	ppb
Molybdenum	98-1	0.23	0.21	0.22	0.22	4.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.79	32.05	31.63	31.82	0.66	ppb
Phosphorus	31-2	323.20	316.44	306.88	315.51	2.60	ppb
Potassium	39-2	1331.71	1333.24	1330.11	1331.69	0.12	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	0.20	0.50	0.36	0.35	43.34	ppb
Selenium	77-2	2.27	1.74	3.24	2.42	31.66	ppb
Selenium	78-2	0.61	-0.83	0.68	0.15	563.20	ppb
Silicon	28-1	151.37	150.73	150.81	150.97	0.23	ppb
Silver	107-1	0.17	0.17	0.18	0.17	4.01	ppb
Silver	109-1	0.17	0.17	0.17	0.17	0.44	ppb
Sodium	23-2	74.60	76.02	73.61	74.74	1.62	ppb
Strontium	86-1	12.38	12.65	12.41	12.48	1.21	ppb
Strontium	88-1	12.75	12.63	12.60	12.66	0.65	ppb
Sulfur	34-1	-1035.19	-1138.31	-1125.28	-1099.60		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.02	0.02	14.04	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	16.43	ppb
Tin	118-1	0.56	0.56	0.55	0.56	0.91	ppb
Titanium	47-1	389.72	388.57	391.21	389.83	0.34	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.12	0.12	0.12	5.25	ppb
Vanadium	51-2	71.62	72.12	70.79	71.51	0.94	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	86.07	87.13	84.78	85.99	1.37	ppb
Zirconium	90-1	1.65	1.66	1.63	1.64	0.92	ppb
Zirconium	91-1	1.69	1.62	1.63	1.65	2.09	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63024.19	63022.99	62959.03	63002.07	0.06	ppb
Antimony	121-1	61.94	62.83	61.91	62.23	0.84	ppb
Arsenic	75-2	218.04	214.98	215.24	216.08	0.79	ppb
Barium	135-1	1482.38	1521.12	1484.13	1495.88	1.46	ppb
Barium	137-1	1485.48	1504.54	1503.33	1497.78	0.71	ppb
Beryllium	9-1	37.75	37.42	37.75	37.64	0.50	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.02	33.17	32.97	33.05	0.32	ppb
Cadmium	106-1	34.32	32.49	31.98	32.93	3.74	ppb
Cadmium	111-1	33.52	33.77	33.64	33.64	0.37	ppb
Calcium	43-1	11768.81	11928.97	11749.04	11815.61	0.84	ppb
Calcium	44-1	10912.08	10943.91	10847.98	10901.33	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313.04	314.41	320.40	315.95	1.24	ppb
Cobalt	59-2	413.19	416.90	419.93	416.67	0.81	ppb
Copper	63-2	705.86	702.19	692.95	700.33	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				111		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	150692.83	149800.09	150208.59	150233.84	0.30	ppb
Iron	57-2	149547.66	148393.47	148620.20	148853.77	0.41	ppb
Iron	54-2	148443.87	147952.08	148036.05	148144.00	0.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	151.86	152.54	152.51	152.30	0.25	ppb
Lead	207-1	152.64	153.16	154.88	153.56	0.76	ppb
Lead	208-1	158.78	158.03	159.98	158.93	0.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	38757.27	38257.01	38620.58	38544.95	0.67	ppb
Manganese	55-2	3287.54	3247.53	3248.73	3261.27	0.70	ppb
Molybdenum	94-1	15.12	15.27	15.42	15.27	0.97	ppb
Molybdenum	95-1	1.18	1.11	1.13	1.14	2.84	ppb
Molybdenum	96-1	3.52	3.45	3.45	3.47	1.21	ppb
Molybdenum	97-1	1.08	1.10	1.04	1.07	2.94	ppb
Molybdenum	98-1	1.08	1.11	1.13	1.11	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	443.05	441.76	443.80	442.87	0.23	ppb
Phosphorus	31-2	1606.95	1597.42	1594.84	1599.74	0.40	ppb
Potassium	39-2	5847.85	5832.26	5802.14	5827.42	0.40	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				122		%
Scandium	45-2				122		%
Selenium	82-1	72.54	73.83	74.61	73.66	1.42	ppb
Selenium	77-2	76.96	77.22	83.89	79.36	4.95	ppb
Selenium	78-2	71.32	71.11	73.35	71.92	1.72	ppb
Silicon	28-1	738.53	726.99	730.52	732.01	0.81	ppb
Silver	107-1	28.82	29.20	29.02	29.01	0.65	ppb
Silver	109-1	28.84	29.22	28.88	28.98	0.73	ppb
Sodium	23-2	213.05	213.48	216.33	214.28	0.83	ppb
Strontium	86-1	62.86	62.39	63.65	62.97	1.01	ppb
Strontium	88-1	62.73	63.53	62.48	62.91	0.87	ppb
Sulfur	34-1	-1051.50	-1039.74	-1083.74	-1058.32		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	26.25	26.72	26.79	26.58	1.11	ppb
Thallium	205-1	26.71	26.68	26.74	26.71	0.11	ppb
Tin	118-1	3.17	3.15	3.08	3.13	1.54	ppb
Titanium	47-1	1861.89	1871.42	1871.59	1868.30	0.30	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.68	0.69	0.68	1.88	ppb
Vanadium	51-2	613.51	612.14	625.82	617.16	1.22	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	695.36	694.79	695.45	695.20	0.05	ppb
Zirconium	90-1	8.51	8.57	8.63	8.57	0.71	ppb
Zirconium	91-1	8.57	8.51	8.58	8.56	0.43	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66703.50	65293.93	66540.74	66179.39	1.17	ppb
Antimony	121-1	286.63	290.25	288.72	288.53	0.63	ppb
Arsenic	75-2	298.90	292.05	296.36	295.77	1.17	ppb
Barium	135-1	5860.80	5829.09	5683.92	5791.27	1.63	ppb
Barium	137-1	5829.05	5888.53	5775.95	5831.17	0.97	ppb
Beryllium	9-1	158.97	158.99	161.77	159.91	1.01	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.10	137.47	135.36	135.98	0.95	ppb
Cadmium	106-1	134.82	132.94	130.52	132.76	1.62	ppb
Cadmium	111-1	146.46	146.10	146.96	146.51	0.29	ppb
Calcium	43-1	11621.65	11747.17	11701.13	11689.98	0.54	ppb
Calcium	44-1	10639.99	10796.79	10784.33	10740.37	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	737.41	719.26	730.19	728.96	1.25	ppb
Cobalt	59-2	1467.53	1413.66	1446.28	1442.49	1.88	ppb
Copper	63-2	1196.83	1177.40	1202.35	1192.19	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				112		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	151536.84	149396.31	153428.35	151453.83	1.33	ppb
Iron	57-2	148554.68	147172.92	150401.42	148709.67	1.09	ppb
Iron	54-2	151096.13	148550.95	150629.50	150092.19	0.90	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	185.71	205.76	207.92	199.80	6.13	ppb
Lead	207-1	187.44	187.12	190.72	188.43	1.06	ppb
Lead	208-1	195.60	202.67	201.95	200.07	1.95	ppb
Lithium	6-1				98		%
Magnesium	24-2	38492.84	38116.57	38320.33	38309.92	0.49	ppb
Manganese	55-2	4279.93	4182.70	4286.38	4249.67	1.37	ppb
Molybdenum	94-1	15.15	15.21	15.37	15.24	0.74	ppb
Molybdenum	95-1	1.15	1.16	1.19	1.17	1.51	ppb
Molybdenum	96-1	3.48	3.43	3.50	3.47	1.17	ppb
Molybdenum	97-1	1.11	1.08	1.09	1.09	1.02	ppb
Molybdenum	98-1	1.11	1.11	1.13	1.12	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1489.72	1453.33	1490.27	1477.77	1.43	ppb
Phosphorus	31-2	1574.05	1547.05	1572.14	1564.41	0.96	ppb
Potassium	39-2	5789.47	5782.65	5753.36	5775.16	0.33	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				120		%
Scandium	45-2				119		%
Selenium	82-1	300.83	305.04	306.10	303.99	0.92	ppb
Selenium	77-2	310.81	305.35	308.02	308.06	0.89	ppb
Selenium	78-2	290.77	294.56	287.49	290.94	1.22	ppb
Silicon	28-1	744.37	747.10	743.47	744.98	0.25	ppb
Silver	107-1	90.59	87.04	85.78	87.80	2.84	ppb
Silver	109-1	97.43	93.64	100.89	97.32	3.73	ppb
Sodium	23-2	212.29	211.25	213.39	212.31	0.50	ppb
Strontium	86-1	61.98	62.53	62.46	62.32	0.48	ppb
Strontium	88-1	61.00	62.19	62.38	61.86	1.21	ppb
Sulfur	34-1	-1103.78	-1110.43	-1105.21	-1106.47		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	126.29	127.41	128.42	127.37	0.84	ppb
Thallium	205-1	137.95	136.03	138.93	137.64	1.07	ppb
Tin	118-1	2.96	2.93	2.93	2.94	0.70	ppb
Titanium	47-1	1826.76	1858.24	1822.06	1835.68	1.07	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.66	0.66	0.66	0.90	ppb
Vanadium	51-2	1657.33	1616.82	1632.03	1635.39	1.25	ppb
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	1738.40	1682.32	1730.36	1717.03	1.77	ppb
Zirconium	90-1	8.34	8.60	8.58	8.51	1.69	ppb
Zirconium	91-1	8.60	8.57	8.64	8.60	0.37	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63834.08	65073.49	63830.18	64245.92	1.12	ppb
Antimony	121-1	3.33	3.25	3.42	3.33	2.58	ppb
Arsenic	75-2	205.24	206.42	206.40	206.02	0.33	ppb
Barium	135-1	211.84	213.55	214.30	213.23	0.59	ppb
Barium	137-1	212.77	215.86	219.26	215.96	1.50	ppb
Beryllium	9-1	1.21	1.09	1.24	1.18	6.65	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.03	5.42	5.25	5.23	3.66	ppb
Cadmium	106-1	6.68	6.07	6.48	6.41	4.80	ppb
Cadmium	111-1	3.60	3.50	3.52	3.54	1.48	ppb
Calcium	43-1	11138.77	11264.55	11012.26	11138.52	1.13	ppb
Calcium	44-1	10340.04	10448.20	10335.13	10374.46	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	208.13	208.42	206.15	207.57	0.59	ppb
Cobalt	59-2	113.11	113.00	111.62	112.58	0.74	ppb
Copper	63-2	539.25	546.03	541.53	542.27	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				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	155588.04	156010.98	153563.89	155054.30	0.84	ppb
Iron	57-2	149706.75	150786.25	149532.76	150008.58	0.45	ppb
Iron	54-2	153869.81	152335.34	153629.37	153278.17	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	137.83	140.53	142.16	140.17	1.56	ppb
Lead	207-1	137.24	142.43	143.05	140.91	2.27	ppb
Lead	208-1	145.04	148.65	151.41	148.37	2.15	ppb
Lithium	6-1				95		%
Magnesium	24-2	38978.12	39390.67	38556.58	38975.13	1.07	ppb
Manganese	55-2	3233.99	3258.61	3216.77	3236.45	0.65	ppb
Molybdenum	94-1	16.30	16.38	16.70	16.46	1.30	ppb
Molybdenum	95-1	1.72	1.71	1.75	1.72	1.29	ppb
Molybdenum	96-1	4.06	4.22	4.20	4.16	2.11	ppb
Molybdenum	97-1	1.67	1.72	1.75	1.71	2.25	ppb
Molybdenum	98-1	1.68	1.75	1.71	1.71	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	147.19	147.23	147.00	147.14	0.08	ppb
Phosphorus	31-2	1488.72	1538.40	1492.62	1506.58	1.83	ppb
Potassium	39-2	7239.84	7213.64	7113.77	7189.08	0.93	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				120		%
Scandium	45-2				120		%
Selenium	82-1	1.38	2.33	1.57	1.76	28.50	ppb
Selenium	77-2	8.97	8.79	8.87	8.88	0.97	ppb
Selenium	78-2	2.85	3.09	2.71	2.88	6.73	ppb
Silicon	28-1	686.99	679.14	662.64	676.25	1.84	ppb
Silver	107-1	0.96	0.88	0.88	0.90	4.98	ppb
Silver	109-1	0.92	0.90	0.88	0.90	2.60	ppb
Sodium	23-2	269.16	270.87	269.45	269.83	0.34	ppb
Strontium	86-1	50.52	51.32	51.59	51.14	1.09	ppb
Strontium	88-1	50.43	50.31	50.74	50.49	0.44	ppb
Sulfur	34-1	-882.10	-960.18	-1033.85	-958.71		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.26	0.28	0.28	0.27	4.22	ppb
Thallium	205-1	0.27	0.28	0.27	0.27	2.02	ppb
Tin	118-1	3.84	3.84	3.84	3.84	0.10	ppb
Titanium	47-1	2228.47	2232.54	2204.15	2221.72	0.69	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.67	0.68	0.66	3.53	ppb
Vanadium	51-2	322.63	321.55	325.61	323.26	0.65	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	513.27	517.14	510.79	513.73	0.62	ppb
Zirconium	90-1	8.84	9.02	9.07	8.98	1.34	ppb
Zirconium	91-1	8.88	9.05	9.19	9.04	1.69	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69155.98	68457.06	68973.65	68862.23	0.53	ppb
Antimony	121-1	1.23	1.25	1.24	1.24	0.95	ppb
Arsenic	75-2	262.03	261.03	257.83	260.30	0.84	ppb
Barium	135-1	456.69	457.93	461.09	458.57	0.49	ppb
Barium	137-1	481.00	485.78	474.01	480.26	1.23	ppb
Beryllium	9-1	1.41	1.47	1.58	1.49	5.71	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.74	3.70	3.12	3.52	9.86	ppb
Cadmium	106-1	6.04	5.51	6.06	5.87	5.36	ppb
Cadmium	111-1	3.01	2.94	3.03	2.99	1.54	ppb
Calcium	43-1	9647.09	9737.82	9592.03	9658.98	0.76	ppb
Calcium	44-1	8814.02	8842.83	8978.85	8878.57	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161.07	159.77	160.08	160.30	0.42	ppb
Cobalt	59-2	95.45	95.21	95.53	95.40	0.18	ppb
Copper	63-2	446.33	447.21	444.18	445.90	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	175248.94	174007.08	174769.45	174675.16	0.36	ppb
Iron	57-2	173853.53	170666.48	172163.67	172227.89	0.93	ppb
Iron	54-2	174517.45	171576.34	174392.59	173495.46	0.96	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	104.42	100.12	100.45	101.66	2.36	ppb
Lead	207-1	101.65	100.84	102.48	101.66	0.81	ppb
Lead	208-1	108.19	105.00	105.46	106.22	1.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	45112.25	44562.96	44955.32	44876.84	0.63	ppb
Manganese	55-2	3475.95	3473.84	3456.06	3468.62	0.32	ppb
Molybdenum	94-1	12.23	12.56	12.65	12.48	1.76	ppb
Molybdenum	95-1	1.37	1.45	1.49	1.44	4.00	ppb
Molybdenum	96-1	3.60	3.77	3.73	3.70	2.36	ppb
Molybdenum	97-1	1.45	1.42	1.42	1.43	1.05	ppb
Molybdenum	98-1	1.37	1.39	1.39	1.39	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.35	137.23	138.26	137.95	0.45	ppb
Phosphorus	31-2	1985.78	1996.01	2016.84	1999.54	0.79	ppb
Potassium	39-2	9631.38	9455.48	9498.06	9528.31	0.96	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				132		%
Scandium	45-2				131		%
Selenium	82-1	1.04	0.85	1.07	0.98	12.23	ppb
Selenium	77-2	16.67	13.51	14.40	14.86	10.98	ppb
Selenium	78-2	2.27	3.00	3.05	2.78	15.68	ppb
Silicon	28-1	669.33	683.77	669.15	674.08	1.24	ppb
Silver	107-1	0.60	0.60	0.60	0.60	0.47	ppb
Silver	109-1	0.61	0.62	0.62	0.62	0.41	ppb
Sodium	23-2	186.86	185.68	188.37	186.97	0.72	ppb
Strontium	86-1	63.46	64.82	63.77	64.02	1.12	ppb
Strontium	88-1	64.03	63.92	63.92	63.96	0.10	ppb
Sulfur	34-1	-1312.66	-1264.61	-1354.50	-1310.59		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.27	0.26	0.26	0.26	1.84	ppb
Thallium	205-1	0.26	0.26	0.27	0.26	1.19	ppb
Tin	118-1	3.29	3.27	3.21	3.26	1.19	ppb
Titanium	47-1	1032.02	1043.31	1025.25	1033.53	0.88	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.74	0.74	0.74	1.51	ppb
Vanadium	51-2	515.28	502.00	501.37	506.22	1.55	ppb
Yttrium	89-1				122		%
Yttrium	89-2				118		%
Zinc	66-2	387.95	389.58	387.92	388.48	0.24	ppb
Zirconium	90-1	6.55	6.81	6.78	6.71	2.11	ppb
Zirconium	91-1	6.76	6.94	6.91	6.87	1.42	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28462.75	28318.76	28677.01	28486.17	0.63	ppb
Antimony	121-1	0.96	0.98	0.96	0.97	1.15	ppb
Arsenic	75-2	42.77	44.22	44.52	43.83	2.13	ppb
Barium	135-1	255.01	262.67	262.95	260.21	1.73	ppb
Barium	137-1	255.48	264.66	263.28	261.14	1.90	ppb
Beryllium	9-1	1.11	1.19	1.25	1.18	6.04	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.70	0.96	0.98	0.88	17.40	ppb
Cadmium	106-1	3.14	2.91	2.02	2.69	22.05	ppb
Cadmium	111-1	1.13	1.11	1.06	1.10	3.36	ppb
Calcium	43-1	12590.62	12920.18	12767.57	12759.45	1.29	ppb
Calcium	44-1	11645.50	11848.89	11690.83	11728.40	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.29	47.83	48.43	48.18	0.65	ppb
Cobalt	59-2	25.99	26.03	26.68	26.24	1.48	ppb
Copper	63-2	97.69	98.20	99.09	98.33	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				113		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	58907.41	59190.43	59857.03	59318.29	0.82	ppb
Iron	57-2	58422.40	59336.30	58972.31	58910.34	0.78	ppb
Iron	54-2	59261.75	58729.48	59334.69	59108.64	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	65.19	67.22	66.47	66.29	1.55	ppb
Lead	207-1	64.68	66.31	65.37	65.45	1.25	ppb
Lead	208-1	64.40	66.06	65.30	65.25	1.27	ppb
Lithium	6-1				96		%
Magnesium	24-2	13060.15	13238.92	13184.39	13161.15	0.70	ppb
Manganese	55-2	1174.44	1173.22	1180.00	1175.89	0.31	ppb
Molybdenum	94-1	2.80	2.71	2.90	2.81	3.31	ppb
Molybdenum	95-1	0.90	0.87	0.92	0.90	2.43	ppb
Molybdenum	96-1	1.46	1.43	1.47	1.45	1.22	ppb
Molybdenum	97-1	0.93	0.89	0.95	0.93	3.17	ppb
Molybdenum	98-1	0.89	0.89	0.91	0.89	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.78	36.86	37.71	37.11	1.39	ppb
Phosphorus	31-2	2998.23	2970.05	3065.72	3011.33	1.63	ppb
Potassium	39-2	8411.60	8145.58	8257.33	8271.51	1.61	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	82-1	0.72	0.56	0.45	0.58	23.07	ppb
Selenium	77-2	13.16	15.35	14.75	14.42	7.84	ppb
Selenium	78-2	4.20	3.00	3.18	3.46	18.73	ppb
Silicon	28-1	663.29	666.29	666.25	665.28	0.26	ppb
Silver	107-1	0.37	0.38	0.40	0.38	4.06	ppb
Silver	109-1	0.37	0.38	0.37	0.38	2.03	ppb
Sodium	23-2	273.81	274.93	279.37	276.04	1.06	ppb
Strontium	86-1	71.61	71.93	72.87	72.14	0.90	ppb
Strontium	88-1	71.00	72.11	72.33	71.81	0.99	ppb
Sulfur	34-1	-550.91	-610.67	-697.68	-619.75		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.21	0.21	0.22	0.21	2.15	ppb
Thallium	205-1	0.21	0.22	0.22	0.22	4.51	ppb
Tin	118-1	4.25	4.40	4.36	4.34	1.81	ppb
Titanium	47-1	752.85	767.07	760.37	760.10	0.94	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.91	0.91	1.16	ppb
Vanadium	51-2	99.12	99.11	100.77	99.67	0.96	ppb
Yttrium	89-1				119		%
Yttrium	89-2				115		%
Zinc	66-2	316.20	315.79	320.34	317.44	0.79	ppb
Zirconium	90-1	1.17	1.18	1.22	1.19	2.52	ppb
Zirconium	91-1	1.15	1.22	1.21	1.19	3.16	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23633.82	23419.43	23558.81	23537.35	0.46	ppb
Antimony	121-1	0.60	0.61	0.61	0.61	0.49	ppb
Arsenic	75-2	24.47	24.49	25.02	24.66	1.28	ppb
Barium	135-1	211.00	212.89	214.59	212.83	0.84	ppb
Barium	137-1	212.97	215.28	215.79	214.68	0.70	ppb
Beryllium	9-1	1.15	1.21	1.11	1.16	4.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	0.83	0.69	0.85	20.88	ppb
Cadmium	106-1	2.50	1.91	1.70	2.04	20.41	ppb
Cadmium	111-1	0.73	0.73	0.67	0.71	5.09	ppb
Calcium	43-1	12667.90	13056.17	13037.81	12920.63	1.70	ppb
Calcium	44-1	11759.48	12228.09	11969.09	11985.55	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.84	52.54	53.06	52.81	0.49	ppb
Cobalt	59-2	21.23	21.11	21.66	21.33	1.37	ppb
Copper	63-2	67.02	66.51	66.38	66.64	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	45032.72	44745.27	44608.93	44795.64	0.48	ppb
Iron	57-2	43623.36	43326.39	43293.05	43414.26	0.42	ppb
Iron	54-2	44568.96	43712.73	44617.38	44299.69	1.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.23	40.80	40.87	40.64	0.86	ppb
Lead	207-1	38.00	38.69	38.88	38.52	1.20	ppb
Lead	208-1	38.50	39.26	39.05	38.94	1.01	ppb
Lithium	6-1				90		%
Magnesium	24-2	10525.79	10556.24	10509.35	10530.46	0.23	ppb
Manganese	55-2	874.19	861.52	868.33	868.01	0.73	ppb
Molybdenum	94-1	7.95	8.13	8.21	8.10	1.64	ppb
Molybdenum	95-1	0.61	0.60	0.64	0.62	3.61	ppb
Molybdenum	96-1	1.62	1.69	1.71	1.67	2.75	ppb
Molybdenum	97-1	0.64	0.61	0.52	0.59	10.69	ppb
Molybdenum	98-1	0.59	0.60	0.59	0.59	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.97	45.47	45.51	45.32	0.67	ppb
Phosphorus	31-2	2146.05	2126.97	2103.51	2125.51	1.00	ppb
Potassium	39-2	6871.76	6869.75	6809.30	6850.27	0.52	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.60	0.39	0.23	0.40	45.96	ppb
Selenium	77-2	9.64	11.17	10.69	10.50	7.47	ppb
Selenium	78-2	1.60	2.23	1.59	1.81	20.18	ppb
Silicon	28-1	805.53	820.04	816.13	813.90	0.92	ppb
Silver	107-1	0.21	0.21	0.22	0.21	2.34	ppb
Silver	109-1	0.21	0.21	0.21	0.21	0.94	ppb
Sodium	23-2	279.32	277.83	279.62	278.92	0.34	ppb
Strontium	86-1	65.34	66.48	67.23	66.35	1.44	ppb
Strontium	88-1	65.03	65.89	66.19	65.71	0.92	ppb
Sulfur	34-1	-1004.04	-994.99	-1051.04	-1016.69		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.18	0.17	0.18	2.60	ppb
Thallium	205-1	0.18	0.17	0.18	0.18	1.04	ppb
Tin	118-1	4.23	4.21	4.32	4.25	1.38	ppb
Titanium	47-1	639.87	660.29	655.37	651.84	1.63	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.15	1.16	1.15	0.61	ppb
Vanadium	51-2	80.43	80.20	80.39	80.34	0.16	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	150.55	150.05	152.14	150.91	0.72	ppb
Zirconium	90-1	4.58	4.65	4.69	4.64	1.21	ppb
Zirconium	91-1	4.68	4.67	4.67	4.67	0.11	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39556.56	38931.33	38796.72	39094.87	1.04	ppb
Antimony	121-1	1.17	1.17	1.18	1.17	0.68	ppb
Arsenic	75-2	51.19	50.55	50.81	50.85	0.63	ppb
Barium	135-1	409.55	419.62	412.29	413.82	1.26	ppb
Barium	137-1	434.43	430.66	438.10	434.40	0.86	ppb
Beryllium	9-1	1.79	1.75	2.07	1.87	9.25	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.22	2.87	2.51	2.54	12.87	ppb
Cadmium	106-1	5.11	3.88	4.08	4.36	15.07	ppb
Cadmium	111-1	2.15	2.12	2.17	2.15	1.21	ppb
Calcium	43-1	23751.13	24233.91	23669.64	23884.89	1.28	ppb
Calcium	44-1	22027.68	22156.95	21607.98	21930.87	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.62	60.30	60.87	60.60	0.47	ppb
Cobalt	59-2	34.80	34.11	34.53	34.48	1.01	ppb
Copper	63-2	154.09	153.17	153.10	153.45	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				110		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	79293.51	78262.45	78822.34	78792.77	0.66	ppb
Iron	57-2	78437.58	77372.50	77700.06	77836.71	0.70	ppb
Iron	54-2	78433.53	77879.85	77185.63	77833.00	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	102.36	103.87	102.06	102.76	0.94	ppb
Lead	207-1	101.36	102.84	102.90	102.37	0.85	ppb
Lead	208-1	106.57	107.38	107.15	107.03	0.39	ppb
Lithium	6-1				92		%
Magnesium	24-2	17606.68	17566.67	17648.96	17607.44	0.23	ppb
Manganese	55-2	1707.15	1697.42	1676.97	1693.85	0.91	ppb
Molybdenum	94-1	14.53	14.78	14.76	14.69	0.94	ppb
Molybdenum	95-1	1.07	1.07	1.03	1.06	2.21	ppb
Molybdenum	96-1	2.88	2.93	2.92	2.91	0.82	ppb
Molybdenum	97-1	1.02	1.04	1.03	1.03	1.15	ppb
Molybdenum	98-1	0.99	1.04	1.01	1.01	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.96	55.05	54.70	54.90	0.32	ppb
Phosphorus	31-2	2938.41	2932.24	2944.14	2938.26	0.20	ppb
Potassium	39-2	9124.19	8965.88	9120.79	9070.29	1.00	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	1.42	0.80	1.01	1.08	29.31	ppb
Selenium	77-2	22.55	18.45	22.03	21.01	10.61	ppb
Selenium	78-2	3.99	4.26	4.26	4.17	3.71	ppb
Silicon	28-1	894.49	908.17	889.31	897.32	1.09	ppb
Silver	107-1	0.55	0.56	0.57	0.56	2.03	ppb
Silver	109-1	0.56	0.56	0.56	0.56	0.44	ppb
Sodium	23-2	347.03	340.23	343.24	343.50	0.99	ppb
Strontium	86-1	114.64	115.23	114.57	114.81	0.32	ppb
Strontium	88-1	113.62	114.22	114.20	114.01	0.30	ppb
Sulfur	34-1	-799.97	-739.12	-796.41	-778.50		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.26	0.25	0.26	3.91	ppb
Thallium	205-1	0.26	0.25	0.26	0.26	2.39	ppb
Tin	118-1	22.01	22.33	22.32	22.22	0.81	ppb
Titanium	47-1	915.46	931.97	911.54	919.66	1.18	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	0.97	0.98	0.98	0.40	ppb
Vanadium	51-2	131.18	130.82	130.05	130.68	0.44	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	337.55	336.27	338.68	337.50	0.36	ppb
Zirconium	90-1	8.24	8.36	8.26	8.29	0.76	ppb
Zirconium	91-1	8.05	8.36	8.42	8.28	2.42	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45840.03	45239.22	45087.12	45388.79	0.88	ppb
Antimony	121-1	0.87	0.92	0.91	0.90	2.73	ppb
Arsenic	75-2	44.29	43.30	44.50	44.03	1.45	ppb
Barium	135-1	535.08	543.38	547.60	542.02	1.18	ppb
Barium	137-1	548.37	556.94	551.54	552.28	0.78	ppb
Beryllium	9-1	2.06	2.11	2.06	2.08	1.46	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	1.91	2.09	2.00	4.69	ppb
Cadmium	106-1	3.25	3.10	4.13	3.49	15.94	ppb
Cadmium	111-1	1.02	1.11	1.16	1.09	6.68	ppb
Calcium	43-1	33692.37	33710.99	34130.90	33844.75	0.73	ppb
Calcium	44-1	34188.73	34145.94	34034.25	34122.97	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.77	69.46	68.98	69.40	0.57	ppb
Cobalt	59-2	36.62	36.25	36.38	36.42	0.51	ppb
Copper	63-2	103.23	101.92	102.77	102.64	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	82716.13	81207.82	80934.44	81619.46	1.18	ppb
Iron	57-2	80403.40	81189.57	80328.86	80640.61	0.59	ppb
Iron	54-2	81079.29	79412.23	80258.35	80249.95	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.25	51.43	51.06	51.25	0.37	ppb
Lead	207-1	49.94	50.12	49.55	49.87	0.58	ppb
Lead	208-1	50.36	50.41	49.74	50.17	0.74	ppb
Lithium	6-1				92		%
Magnesium	24-2	19415.40	19342.73	19528.41	19428.85	0.48	ppb
Manganese	55-2	1790.06	1768.35	1737.95	1765.45	1.48	ppb
Molybdenum	94-1	22.02	22.52	22.58	22.37	1.37	ppb
Molybdenum	95-1	0.85	0.84	0.85	0.85	1.02	ppb
Molybdenum	96-1	3.50	3.54	3.53	3.52	0.51	ppb
Molybdenum	97-1	0.80	0.81	0.84	0.82	2.45	ppb
Molybdenum	98-1	0.81	0.80	0.79	0.80	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.02	57.45	57.61	57.69	0.50	ppb
Phosphorus	31-2	2301.70	2320.08	2283.84	2301.87	0.79	ppb
Potassium	39-2	6958.30	7029.12	7041.90	7009.77	0.64	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	1.03	0.65	0.97	0.88	23.34	ppb
Selenium	77-2	20.97	19.28	16.67	18.98	11.43	ppb
Selenium	78-2	4.10	3.26	5.90	4.42	30.50	ppb
Silicon	28-1	655.69	658.17	666.79	660.22	0.88	ppb
Silver	107-1	0.25	0.26	0.25	0.25	2.48	ppb
Silver	109-1	0.22	0.25	0.25	0.24	6.96	ppb
Sodium	23-2	318.27	314.53	319.68	317.49	0.84	ppb
Strontium	86-1	149.22	149.53	151.66	150.14	0.89	ppb
Strontium	88-1	148.94	148.13	148.62	148.56	0.28	ppb
Sulfur	34-1	-897.23	-876.29	-819.93	-864.48		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.29	0.27	0.26	0.28	5.23	ppb
Thallium	205-1	0.27	0.27	0.26	0.27	3.32	ppb
Tin	118-1	5.26	5.36	5.45	5.36	1.77	ppb
Titanium	47-1	962.14	965.93	955.76	961.28	0.53	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.94	0.92	0.93	1.30	ppb
Vanadium	51-2	142.35	140.88	141.34	141.52	0.53	ppb
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	217.43	216.00	216.52	216.65	0.33	ppb
Zirconium	90-1	12.95	12.89	13.12	12.99	0.89	ppb
Zirconium	91-1	12.88	13.00	13.17	13.02	1.12	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36580.46	36245.81	36510.88	36445.71	0.48	ppb
Antimony	121-1	2.56	2.59	2.96	2.71	8.25	ppb
Arsenic	75-2	51.92	52.42	54.64	52.99	2.73	ppb
Barium	135-1	397.28	394.32	446.42	412.67	7.09	ppb
Barium	137-1	416.02	407.16	476.05	433.08	8.65	ppb
Beryllium	9-1	1.75	1.82	2.02	1.86	7.80	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.44	2.00	2.26	2.23	9.99	ppb
Cadmium	106-1	3.78	3.69	3.58	3.68	2.63	ppb
Cadmium	111-1	1.52	1.50	1.71	1.58	7.23	ppb
Calcium	43-1	24673.26	25298.92	27944.41	25972.20	6.69	ppb
Calcium	44-1	22706.33	23566.18	25763.86	24012.12	6.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.12	57.29	57.30	57.24	0.18	ppb
Cobalt	59-2	32.57	32.86	32.61	32.68	0.48	ppb
Copper	63-2	268.61	268.00	267.81	268.14	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	76896.41	76920.66	76943.42	76920.16	0.03	ppb
Iron	57-2	75819.92	75299.49	73528.28	74882.56	1.60	ppb
Iron	54-2	75336.47	76441.72	76771.47	76183.22	0.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	129.02	131.55	149.11	136.56	8.01	ppb
Lead	207-1	129.35	132.24	150.47	137.35	8.34	ppb
Lead	208-1	135.18	136.01	156.72	142.64	8.56	ppb
Lithium	6-1				89		%
Magnesium	24-2	16270.03	16513.57	16517.98	16433.86	0.86	ppb
Manganese	55-2	1582.08	1600.79	1573.12	1585.33	0.89	ppb
Molybdenum	94-1	20.15	20.29	23.95	21.46	10.05	ppb
Molybdenum	95-1	1.93	1.86	2.19	1.99	8.74	ppb
Molybdenum	96-1	4.21	4.29	4.90	4.47	8.41	ppb
Molybdenum	97-1	1.84	1.97	2.21	2.01	9.47	ppb
Molybdenum	98-1	1.89	1.95	2.15	1.99	6.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.93	53.31	52.66	52.97	0.61	ppb
Phosphorus	31-2	2457.38	2472.38	2417.57	2449.11	1.16	ppb
Potassium	39-2	6764.00	6775.47	6751.22	6763.56	0.18	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				115		%
Selenium	82-1	1.38	1.02	1.50	1.30	19.17	ppb
Selenium	77-2	18.82	20.06	20.22	19.70	3.88	ppb
Selenium	78-2	3.05	3.68	5.49	4.08	31.08	ppb
Silicon	28-1	937.49	966.97	1048.52	984.33	5.84	ppb
Silver	107-1	0.59	0.62	0.70	0.64	9.57	ppb
Silver	109-1	0.60	0.59	0.69	0.63	8.50	ppb
Sodium	23-2	323.87	328.01	333.05	328.31	1.40	ppb
Strontium	86-1	112.96	115.11	132.46	120.18	8.90	ppb
Strontium	88-1	112.18	115.45	131.34	119.66	8.57	ppb
Sulfur	34-1	-838.77	-880.28	-485.94	-735.00		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.25	0.27	0.30	0.27	10.83	ppb
Thallium	205-1	0.25	0.26	0.29	0.27	8.29	ppb
Tin	118-1	22.23	22.32	25.76	23.44	8.58	ppb
Titanium	47-1	1038.74	1061.69	1199.73	1100.05	7.92	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.93	1.06	0.96	8.49	ppb
Vanadium	51-2	125.90	126.55	126.01	126.15	0.27	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	301.91	304.86	305.72	304.16	0.66	ppb
Zirconium	90-1	11.08	11.20	13.00	11.76	9.14	ppb
Zirconium	91-1	11.00	11.32	12.86	11.72	8.49	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31203.10	31171.35	30799.62	31058.02	0.72	ppb
Antimony	121-1	1.03	1.00	1.06	1.03	2.77	ppb
Arsenic	75-2	58.28	59.99	60.36	59.54	1.86	ppb
Barium	135-1	226.83	229.20	230.14	228.72	0.75	ppb
Barium	137-1	231.40	232.99	232.17	232.18	0.34	ppb
Beryllium	9-1	0.78	0.80	0.77	0.79	1.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.09	1.06	1.14	9.79	ppb
Cadmium	106-1	3.57	2.97	2.57	3.04	16.62	ppb
Cadmium	111-1	0.46	0.44	0.38	0.43	10.18	ppb
Calcium	43-1	29894.40	30457.17	30401.72	30251.10	1.03	ppb
Calcium	44-1	27588.31	27927.70	28140.85	27885.62	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.16	101.26	101.22	101.55	0.52	ppb
Cobalt	59-2	50.61	50.68	49.81	50.36	0.96	ppb
Copper	63-2	112.98	112.45	112.03	112.49	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				111		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	56-2	73948.76	72990.79	72401.98	73113.84	1.07	ppb
Iron	57-2	72248.24	71508.34	72048.13	71934.90	0.53	ppb
Iron	54-2	73175.40	72267.07	73026.30	72822.92	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.07	12.37	12.71	12.38	2.58	ppb
Lead	207-1	10.51	11.02	11.13	10.89	3.03	ppb
Lead	208-1	10.95	11.26	11.45	11.22	2.23	ppb
Lithium	6-1				90		%
Magnesium	24-2	19317.19	19096.84	19076.97	19163.67	0.70	ppb
Manganese	55-2	1736.54	1701.49	1720.03	1719.35	1.02	ppb
Molybdenum	94-1	15.66	15.93	16.09	15.89	1.37	ppb
Molybdenum	95-1	1.16	1.17	1.20	1.18	1.81	ppb
Molybdenum	96-1	3.06	3.18	3.22	3.15	2.69	ppb
Molybdenum	97-1	1.18	1.13	1.17	1.16	2.05	ppb
Molybdenum	98-1	1.15	1.20	1.15	1.17	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.03	78.02	78.08	78.38	0.72	ppb
Phosphorus	31-2	1320.67	1300.36	1286.78	1302.61	1.31	ppb
Potassium	39-2	1955.19	1937.80	1892.66	1928.55	1.67	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	82-1	0.61	0.85	0.84	0.77	17.84	ppb
Selenium	77-2	10.04	6.66	9.27	8.66	20.47	ppb
Selenium	78-2	0.94	2.57	0.95	1.48	63.25	ppb
Silicon	28-1	823.55	823.96	833.51	827.01	0.68	ppb
Silver	107-1	0.11	0.13	0.14	0.13	10.11	ppb
Silver	109-1	0.10	0.11	0.13	0.12	13.74	ppb
Sodium	23-2	862.24	868.09	861.43	863.92	0.42	ppb
Strontium	86-1	84.10	85.85	86.26	85.40	1.34	ppb
Strontium	88-1	84.06	84.68	84.68	84.47	0.42	ppb
Sulfur	34-1	-843.05	-817.49	-749.38	-803.31		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.16	0.15	0.15	0.15	2.73	ppb
Thallium	205-1	0.14	0.15	0.15	0.15	1.57	ppb
Tin	118-1	2.56	2.68	2.63	2.62	2.22	ppb
Titanium	47-1	1067.56	1068.24	1091.27	1075.69	1.25	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.20	1.22	1.19	2.64	ppb
Vanadium	51-2	167.81	166.52	165.32	166.55	0.75	ppb
Yttrium	89-1				118		%
Yttrium	89-2				112		%
Zinc	66-2	105.71	104.38	103.31	104.47	1.15	ppb
Zirconium	90-1	8.72	9.00	9.04	8.92	1.94	ppb
Zirconium	91-1	8.87	8.86	8.87	8.87	0.05	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28867.73	28882.67	28713.06	28821.15	0.33	ppb
Antimony	121-1	0.83	0.85	0.86	0.85	1.47	ppb
Arsenic	75-2	44.79	45.18	44.13	44.70	1.19	ppb
Barium	135-1	127.00	131.57	132.10	130.23	2.16	ppb
Barium	137-1	130.81	133.09	133.40	132.43	1.07	ppb
Beryllium	9-1	0.91	0.82	0.96	0.90	7.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.85	1.15	1.35	1.11	22.33	ppb
Cadmium	106-1	2.31	2.30	2.73	2.45	10.01	ppb
Cadmium	111-1	0.36	0.32	0.35	0.34	5.64	ppb
Calcium	43-1	28839.65	29574.05	29151.98	29188.56	1.26	ppb
Calcium	44-1	26892.73	27361.66	26915.43	27056.61	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.82	99.19	98.86	98.95	0.20	ppb
Cobalt	59-2	38.83	39.31	39.36	39.17	0.74	ppb
Copper	63-2	98.81	98.15	98.41	98.45	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	67765.76	67386.41	67093.54	67415.24	0.50	ppb
Iron	57-2	66154.48	66718.70	65837.83	66237.00	0.67	ppb
Iron	54-2	66470.80	66583.31	66740.05	66598.05	0.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.48	12.56	12.60	12.54	0.50	ppb
Lead	207-1	10.58	10.77	10.78	10.71	1.06	ppb
Lead	208-1	11.04	11.30	11.22	11.19	1.20	ppb
Lithium	6-1				89		%
Magnesium	24-2	16956.59	17052.13	17004.13	17004.29	0.28	ppb
Manganese	55-2	969.80	973.47	958.90	967.39	0.78	ppb
Molybdenum	94-1	16.41	16.23	16.53	16.39	0.93	ppb
Molybdenum	95-1	1.70	1.69	1.66	1.68	1.09	ppb
Molybdenum	96-1	3.60	3.61	3.56	3.59	0.77	ppb
Molybdenum	97-1	1.64	1.61	1.63	1.62	0.97	ppb
Molybdenum	98-1	1.66	1.64	1.61	1.64	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.50	70.94	71.30	71.25	0.40	ppb
Phosphorus	31-2	1216.60	1198.91	1204.40	1206.64	0.75	ppb
Potassium	39-2	2419.72	2414.60	2391.16	2408.49	0.63	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	82-1	0.55	0.65	0.42	0.54	21.62	ppb
Selenium	77-2	8.97	13.28	9.30	10.52	22.83	ppb
Selenium	78-2	2.60	0.83	1.30	1.58	58.25	ppb
Silicon	28-1	802.10	820.27	810.27	810.88	1.12	ppb
Silver	107-1	0.10	0.11	0.11	0.11	4.42	ppb
Silver	109-1	0.09	0.11	0.11	0.10	12.73	ppb
Sodium	23-2	1064.38	1073.69	1079.47	1072.51	0.71	ppb
Strontium	86-1	82.68	82.63	82.30	82.53	0.25	ppb
Strontium	88-1	80.57	81.77	82.38	81.57	1.13	ppb
Sulfur	34-1	-612.91	-502.90	-593.67	-569.83		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.13	0.12	0.12	6.54	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	4.78	ppb
Tin	118-1	2.69	2.69	2.81	2.73	2.54	ppb
Titanium	47-1	1059.26	1093.27	1067.67	1073.40	1.65	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.34	1.33	1.34	1.34	0.25	ppb
Vanadium	51-2	154.16	154.78	154.04	154.33	0.26	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	101.79	101.24	102.52	101.85	0.63	ppb
Zirconium	90-1	8.92	9.01	8.96	8.96	0.52	ppb
Zirconium	91-1	8.97	8.95	9.07	9.00	0.72	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27633.44	27660.28	27695.06	27662.92	0.11	ppb
Antimony	121-1	0.93	0.95	1.03	0.97	5.04	ppb
Arsenic	75-2	41.54	40.72	41.50	41.25	1.11	ppb
Barium	135-1	134.20	141.01	140.74	138.65	2.78	ppb
Barium	137-1	136.33	141.82	141.31	139.82	2.17	ppb
Beryllium	9-1	0.86	0.80	0.80	0.82	4.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	1.18	1.11	1.16	3.58	ppb
Cadmium	106-1	2.70	3.67	3.13	3.17	15.36	ppb
Cadmium	111-1	0.38	0.47	0.41	0.42	11.47	ppb
Calcium	43-1	32748.75	33144.67	32706.18	32866.53	0.74	ppb
Calcium	44-1	30397.26	30844.41	30229.84	30490.50	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.77	74.77	74.29	74.61	0.37	ppb
Cobalt	59-2	32.07	32.03	31.86	31.98	0.35	ppb
Copper	63-2	72.86	72.93	72.77	72.85	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	62576.86	63647.56	62513.31	62912.58	1.01	ppb
Iron	57-2	61930.66	62294.54	62562.47	62262.55	0.51	ppb
Iron	54-2	61806.52	63241.35	62494.34	62514.07	1.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.47	12.31	12.51	12.43	0.86	ppb
Lead	207-1	11.02	10.95	10.96	10.98	0.37	ppb
Lead	208-1	11.33	11.26	11.39	11.33	0.57	ppb
Lithium	6-1				91		%
Magnesium	24-2	16110.15	16245.56	15998.29	16118.00	0.77	ppb
Manganese	55-2	975.34	967.17	970.11	970.88	0.43	ppb
Molybdenum	94-1	17.01	17.81	17.51	17.44	2.34	ppb
Molybdenum	95-1	0.76	0.72	0.73	0.74	2.43	ppb
Molybdenum	96-1	2.80	2.81	2.87	2.83	1.36	ppb
Molybdenum	97-1	0.77	0.76	0.76	0.76	0.78	ppb
Molybdenum	98-1	0.74	0.76	0.73	0.74	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.38	60.79	60.65	60.94	0.63	ppb
Phosphorus	31-2	1790.94	1798.91	1794.55	1794.80	0.22	ppb
Potassium	39-2	2353.10	2318.59	2319.24	2330.31	0.85	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	0.18	0.32	0.32	0.27	29.11	ppb
Selenium	77-2	11.96	11.21	14.37	12.51	13.23	ppb
Selenium	78-2	1.14	1.80	1.33	1.42	23.81	ppb
Silicon	28-1	604.73	608.16	598.40	603.76	0.82	ppb
Silver	107-1	0.10	0.10	0.12	0.11	11.08	ppb
Silver	109-1	0.09	0.10	0.10	0.10	6.80	ppb
Sodium	23-2	545.27	551.01	550.94	549.07	0.60	ppb
Strontium	86-1	77.11	78.22	78.04	77.79	0.77	ppb
Strontium	88-1	75.57	78.07	78.17	77.27	1.91	ppb
Sulfur	34-1	-524.61	-434.06	-494.29	-484.32		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.12	0.12	0.11	4.23	ppb
Thallium	205-1	0.12	0.11	0.11	0.11	3.46	ppb
Tin	118-1	2.39	2.61	2.62	2.54	5.14	ppb
Titanium	47-1	909.69	919.14	928.61	919.15	1.03	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.11	1.09	1.11	2.79	ppb
Vanadium	51-2	125.46	125.19	124.29	124.98	0.49	ppb
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	110.51	109.19	110.57	110.09	0.71	ppb
Zirconium	90-1	9.96	10.08	10.08	10.04	0.70	ppb
Zirconium	91-1	9.92	10.13	10.04	10.03	1.05	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50092.99	49887.25	49107.37	49695.87	1.05	ppb
Antimony	121-1	485.03	487.96	485.00	486.00	0.35	ppb
Arsenic	75-2	477.18	482.40	481.08	480.22	0.57	ppb
Barium	135-1	2413.64	2458.40	2461.30	2444.45	1.09	ppb
Barium	137-1	2419.98	2490.65	2467.85	2459.49	1.47	ppb
Beryllium	9-1	548.21	544.56	551.88	548.22	0.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	513.37	522.27	514.52	516.72	0.94	ppb
Cadmium	106-1	509.21	520.87	509.92	513.33	1.27	ppb
Cadmium	111-1	503.87	511.80	506.90	507.52	0.79	ppb
Calcium	43-1	249219.93	248308.69	252688.24	250072.29	0.92	ppb
Calcium	44-1	245502.08	245437.88	248205.70	246381.89	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.82	499.71	495.64	499.06	0.63	ppb
Cobalt	59-2	540.66	538.68	537.21	538.85	0.32	ppb
Copper	63-2	5235.39	5218.75	5232.05	5228.73	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	128323.64	127914.83	128655.74	128298.07	0.29	ppb
Iron	57-2	126582.65	126714.92	126189.88	126495.82	0.22	ppb
Iron	54-2	125926.49	127286.07	126452.69	126555.08	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2534.67	2535.37	2515.27	2528.44	0.45	ppb
Lead	207-1	2551.71	2559.61	2509.44	2540.25	1.06	ppb
Lead	208-1	2543.88	2543.58	2517.80	2535.09	0.59	ppb
Lithium	6-1				91		%
Magnesium	24-2	241539.24	245222.95	244851.74	243871.31	0.83	ppb
Manganese	55-2	4933.24	4959.76	4984.17	4959.06	0.51	ppb
Molybdenum	94-1	5009.80	5032.53	5036.84	5026.39	0.29	ppb
Molybdenum	95-1	4980.84	5019.59	4969.60	4990.01	0.53	ppb
Molybdenum	96-1	4944.30	4995.18	5010.58	4983.35	0.70	ppb
Molybdenum	97-1	4950.54	4993.59	4983.22	4975.78	0.45	ppb
Molybdenum	98-1	4988.21	5020.26	4978.35	4995.61	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.53	526.63	524.63	525.93	0.21	ppb
Phosphorus	31-2	9842.43	10046.17	9679.37	9855.99	1.86	ppb
Potassium	39-2	119725.79	119933.51	118578.68	119412.66	0.61	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	470.78	476.97	469.98	472.58	0.81	ppb
Selenium	77-2	447.61	465.30	473.06	461.99	2.82	ppb
Selenium	78-2	450.68	457.46	465.50	457.88	1.62	ppb
Silicon	28-1	646.28	666.29	673.65	662.07	2.14	ppb
Silver	107-1	471.92	476.41	473.92	474.08	0.47	ppb
Silver	109-1	472.65	474.88	475.73	474.42	0.33	ppb
Sodium	23-2	246021.21	246902.62	248249.39	247057.74	0.45	ppb
Strontium	86-1	12354.80	12565.23	12368.22	12429.42	0.95	ppb
Strontium	88-1	12416.76	12438.05	12557.68	12470.83	0.61	ppb
Sulfur	34-1	9920.07	10001.37	10104.58	10008.68	0.92	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	515.99	510.13	507.80	511.31	0.83	ppb
Thallium	205-1	514.19	507.53	510.08	510.60	0.66	ppb
Tin	118-1	486.10	485.14	484.88	485.37	0.13	ppb
Titanium	47-1	4959.52	4964.39	5028.81	4984.24	0.78	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	525.14	525.15	521.16	523.82	0.44	ppb
Vanadium	51-2	506.52	510.08	506.22	507.61	0.42	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	5153.78	5110.78	5138.40	5134.32	0.42	ppb
Zirconium	90-1	500.79	505.71	509.76	505.42	0.89	ppb
Zirconium	91-1	502.80	506.85	508.09	505.91	0.55	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.30	-1.24	-1.51	-1.35		ppb
Antimony	121-1	0.42	0.32	0.37	0.37	13.40	ppb
Arsenic	75-2	0.02	0.00	0.05	0.02	107.20	ppb
Barium	135-1	0.10	0.05	0.08	0.08	29.76	ppb
Barium	137-1	0.13	0.09	0.07	0.10	29.17	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	27.11	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.06	0.06	0.05	29.48	ppb
Cadmium	106-1	0.88	-0.20	0.29	0.32	167.48	ppb
Cadmium	111-1	0.11	0.01	0.04	0.05	85.62	ppb
Calcium	43-1	9.89	2.64	2.52	5.02	84.19	ppb
Calcium	44-1	5.53	-0.01	-1.37	1.38	264.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.02	0.01	52.99	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	57.56	ppb
Copper	63-2	0.18	0.19	0.21	0.20	5.59	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				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	3.21	3.36	3.17	3.24	3.08	ppb
Iron	57-2	0.61	1.49	3.06	1.72	72.18	ppb
Iron	54-2	3.01	4.63	3.12	3.59	25.26	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.19	0.16	0.19	16.97	ppb
Lead	207-1	0.25	0.17	0.15	0.19	29.85	ppb
Lead	208-1	0.23	0.17	0.16	0.19	20.43	ppb
Lithium	6-1				90		%
Magnesium	24-2	4.78	4.86	4.57	4.74	3.15	ppb
Manganese	55-2	0.01	0.00	0.00	0.00	213.02	ppb
Molybdenum	94-1	1.00	0.60	0.59	0.73	31.49	ppb
Molybdenum	95-1	0.36	0.27	0.25	0.29	20.40	ppb
Molybdenum	96-1	0.41	0.30	0.31	0.34	18.36	ppb
Molybdenum	97-1	0.36	0.29	0.26	0.30	16.72	ppb
Molybdenum	98-1	0.36	0.26	0.25	0.29	20.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	-19.65	-16.94	-14.96	-17.18		ppb
Potassium	39-2	11.89	12.15	11.50	11.85	2.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	-0.12	0.79	0.17	0.28	168.59	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.18	-0.03	0.09	-0.04		ppb
Silicon	28-1	0.43	-0.29	-0.30	-0.06		ppb
Silver	107-1	0.08	0.05	0.05	0.06	25.14	ppb
Silver	109-1	0.08	0.06	0.06	0.07	17.63	ppb
Sodium	23-2	47.28	46.94	44.75	46.32	2.96	ppb
Strontium	86-1	0.52	0.36	0.33	0.40	26.04	ppb
Strontium	88-1	0.56	0.38	0.31	0.42	31.07	ppb
Sulfur	34-1	279.46	-82.74	-147.88	16.28	1414.17	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.04	0.03	0.05	28.58	ppb
Thallium	205-1	0.06	0.04	0.03	0.04	37.12	ppb
Tin	118-1	0.09	0.07	0.11	0.09	26.30	ppb
Titanium	47-1	0.26	0.21	0.21	0.22	14.40	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	37.25	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	25.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	-0.54	-0.45	-0.46	-0.48		ppb
Zirconium	90-1	0.43	0.21	0.21	0.28	44.49	ppb
Zirconium	91-1	0.45	0.23	0.19	0.29	48.08	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32375.00	32294.05	32657.36	32442.14	0.59	ppb
Antimony	121-1	1.05	1.06	1.09	1.07	2.14	ppb
Arsenic	75-2	56.09	53.87	55.38	55.12	2.06	ppb
Barium	135-1	110.45	111.68	115.35	112.49	2.27	ppb
Barium	137-1	112.62	113.92	116.05	114.20	1.52	ppb
Beryllium	9-1	0.65	0.73	0.70	0.69	5.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.14	1.24	1.17	5.10	ppb
Cadmium	106-1	3.76	2.89	2.93	3.19	15.41	ppb
Cadmium	111-1	0.50	0.42	0.41	0.44	10.84	ppb
Calcium	43-1	27713.89	27943.94	27697.10	27784.98	0.50	ppb
Calcium	44-1	25648.25	25675.34	25826.17	25716.58	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87.14	85.79	86.75	86.56	0.80	ppb
Cobalt	59-2	33.28	32.93	33.56	33.25	0.95	ppb
Copper	63-2	109.32	107.46	109.26	108.68	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	79888.86	79015.11	79530.75	79478.24	0.55	ppb
Iron	57-2	78721.45	77301.91	77613.25	77878.87	0.96	ppb
Iron	54-2	78555.88	77563.87	79129.04	78416.26	1.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.82	10.84	11.21	10.96	1.99	ppb
Lead	207-1	9.61	9.89	9.64	9.71	1.60	ppb
Lead	208-1	9.94	10.04	10.11	10.03	0.84	ppb
Lithium	6-1				92		%
Magnesium	24-2	20508.71	20043.69	20319.79	20290.73	1.15	ppb
Manganese	55-2	928.80	921.37	924.90	925.02	0.40	ppb
Molybdenum	94-1	12.71	12.91	12.65	12.75	1.06	ppb
Molybdenum	95-1	0.70	0.70	0.70	0.70	0.46	ppb
Molybdenum	96-1	2.41	2.48	2.37	2.42	2.32	ppb
Molybdenum	97-1	0.70	0.69	0.70	0.69	1.10	ppb
Molybdenum	98-1	0.66	0.71	0.68	0.68	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.44	70.04	70.87	70.45	0.59	ppb
Phosphorus	31-2	1262.34	1248.73	1268.97	1260.01	0.82	ppb
Potassium	39-2	1783.82	1792.09	1815.83	1797.24	0.92	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				118		%
Scandium	45-2				119		%
Selenium	82-1	0.46	0.60	0.99	0.68	40.38	ppb
Selenium	77-2	8.13	8.96	10.36	9.15	12.33	ppb
Selenium	78-2	1.93	2.53	1.67	2.05	21.54	ppb
Silicon	28-1	682.34	688.06	676.53	682.31	0.85	ppb
Silver	107-1	0.21	0.17	0.17	0.18	11.75	ppb
Silver	109-1	0.19	0.15	0.15	0.16	14.68	ppb
Sodium	23-2	659.47	658.59	670.98	663.01	1.04	ppb
Strontium	86-1	73.88	74.37	73.71	73.99	0.47	ppb
Strontium	88-1	73.21	72.98	73.44	73.21	0.32	ppb
Sulfur	34-1	-688.61	-744.81	-855.93	-763.11		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.16	0.16	0.16	0.16	1.68	ppb
Thallium	205-1	0.17	0.17	0.16	0.17	4.21	ppb
Tin	118-1	2.50	2.67	2.72	2.63	4.52	ppb
Titanium	47-1	1023.42	1043.08	1021.77	1029.42	1.15	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.14	1.15	1.15	0.62	ppb
Vanadium	51-2	183.09	180.92	182.77	182.26	0.64	ppb
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	113.61	113.71	114.99	114.10	0.68	ppb
Zirconium	90-1	7.18	7.32	7.28	7.26	0.98	ppb
Zirconium	91-1	7.24	7.25	7.38	7.29	1.03	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.44	-2.54	-2.39	-2.45		ppb
Antimony	121-1	0.02	0.02	0.02	0.02	7.01	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	4109.03	ppb
Barium	135-1	-0.02	0.00	-0.02	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.00	184.98	ppb
Beryllium	9-1	-0.01	0.00	-0.01	-0.01		ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	-0.04	0.00	-0.03		ppb
Cadmium	106-1	0.00	1.24	-0.31	0.31	262.53	ppb
Cadmium	111-1	0.01	0.10	-0.02	0.03	226.78	ppb
Calcium	43-1	-1.88	-3.67	-3.86	-3.14		ppb
Calcium	44-1	-7.99	-9.38	-8.74	-8.70		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.05	-0.05	-0.06		ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.02	0.03	0.03	0.03	34.60	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				109		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	56-2	-0.47	-0.58	-0.58	-0.54		ppb
Iron	57-2	-1.15	-0.61	-1.05	-0.94		ppb
Iron	54-2	-1.35	-1.25	-1.68	-1.43		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.06	0.06	11.21	ppb
Lead	207-1	0.06	0.05	0.06	0.06	14.86	ppb
Lead	208-1	0.06	0.06	0.06	0.06	4.63	ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.28	-0.44	-0.23	-0.32		ppb
Manganese	55-2	-0.10	-0.09	-0.10	-0.10		ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	417.17	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	154.72	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	182.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.05	-0.05		ppb
Phosphorus	31-2	-19.99	-19.10	-18.86	-19.32		ppb
Potassium	39-2	0.43	0.70	-0.21	0.31	151.96	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	0.54	0.05	0.42	0.34	75.55	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.61	-0.71	-0.22	-0.51		ppb
Silicon	28-1	-1.27	-1.23	-1.29	-1.27		ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.30	ppb
Silver	109-1	0.01	0.01	0.00	0.01	29.11	ppb
Sodium	23-2	34.47	33.10	32.52	33.36	2.99	ppb
Strontium	86-1	0.01	-0.03	-0.01	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-791.28	-772.36	-802.92	-788.85		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.02	-0.03	-0.05	-0.04		ppb
Titanium	47-1	-0.06	-0.02	-0.04	-0.04		ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.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				111		%
Yttrium	89-2				110		%
Zinc	66-2	-0.66	-0.56	-0.58	-0.60		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.02	-0.01	-0.01		ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.37	36.83	37.61	37.60	2.05	ppb
Antimony	121-1	3.93	4.27	3.93	4.04	4.94	ppb
Arsenic	75-2	1.87	2.05	2.13	2.02	6.54	ppb
Barium	135-1	18.70	20.20	18.58	19.16	4.71	ppb
Barium	137-1	18.96	20.35	18.86	19.39	4.30	ppb
Beryllium	9-1	2.20	2.32	2.10	2.21	4.78	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.57	2.58	2.40	2.52	3.96	ppb
Cadmium	106-1	3.01	3.04	2.37	2.81	13.45	ppb
Cadmium	111-1	2.39	2.72	2.45	2.52	6.90	ppb
Calcium	43-1	1001.80	1075.14	1009.99	1028.98	3.91	ppb
Calcium	44-1	1021.26	1086.78	1013.57	1040.54	3.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.71	4.77	4.59	4.69	1.92	ppb
Cobalt	59-2	2.14	2.13	2.13	2.13	0.38	ppb
Copper	63-2	4.64	4.61	4.68	4.64	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	441.10	428.61	428.80	432.84	1.65	ppb
Iron	57-2	455.82	456.83	449.69	454.11	0.85	ppb
Iron	54-2	458.86	458.85	452.18	456.63	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.96	2.01	1.90	1.96	2.66	ppb
Lead	207-1	1.95	1.99	1.84	1.93	4.00	ppb
Lead	208-1	1.94	2.02	1.84	1.93	4.63	ppb
Lithium	6-1				92		%
Magnesium	24-2	1109.50	1099.40	1102.29	1103.73	0.47	ppb
Manganese	55-2	2.07	2.11	2.13	2.10	1.33	ppb
Molybdenum	94-1	11.31	12.04	11.14	11.50	4.15	ppb
Molybdenum	95-1	9.12	9.97	9.03	9.37	5.50	ppb
Molybdenum	96-1	9.43	10.19	9.28	9.63	5.09	ppb
Molybdenum	97-1	9.09	9.91	9.07	9.36	5.13	ppb
Molybdenum	98-1	9.18	9.95	9.09	9.41	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.35	2.32	2.27	2.31	1.69	ppb
Phosphorus	31-2	-19.43	-19.87	-15.46	-18.25		ppb
Potassium	39-2	1054.73	1051.96	1044.32	1050.34	0.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	10.81	11.37	10.62	10.93	3.57	ppb
Selenium	77-2	13.55	11.07	9.56	11.39	17.67	ppb
Selenium	78-2	8.58	11.22	10.72	10.18	13.80	ppb
Silicon	28-1	2.88	3.63	2.91	3.14	13.40	ppb
Silver	107-1	1.98	2.16	2.01	2.05	4.65	ppb
Silver	109-1	1.96	2.15	1.97	2.03	5.33	ppb
Sodium	23-2	1062.10	1064.42	1056.97	1061.16	0.36	ppb
Strontium	86-1	1.96	2.30	2.12	2.13	8.08	ppb
Strontium	88-1	2.05	2.25	2.02	2.10	6.02	ppb
Sulfur	34-1	-264.22	-25.00	-369.70	-219.64		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.81	1.87	1.78	1.82	2.57	ppb
Thallium	205-1	1.77	1.90	1.76	1.81	4.37	ppb
Tin	118-1	0.01	0.02	0.01	0.01	30.03	ppb
Titanium	47-1	9.30	10.12	9.42	9.61	4.62	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.83	1.69	1.74	4.30	ppb
Vanadium	51-2	10.84	10.43	10.59	10.62	1.97	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	10.46	10.78	10.14	10.46	3.06	ppb
Zirconium	90-1	2.09	2.27	2.12	2.16	4.45	ppb
Zirconium	91-1	2.08	2.31	2.14	2.17	5.60	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.23	18.47	17.37	18.03	3.23	ppb
Antimony	121-1	1.99	2.09	2.03	2.04	2.60	ppb
Arsenic	75-2	1.05	1.04	1.07	1.05	1.23	ppb
Barium	135-1	9.49	9.80	9.53	9.61	1.75	ppb
Barium	137-1	9.62	9.89	9.57	9.69	1.78	ppb
Beryllium	9-1	1.11	1.09	1.15	1.12	2.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.53	1.51	1.07	1.37	19.02	ppb
Cadmium	106-1	2.21	2.46	1.83	2.17	14.49	ppb
Cadmium	111-1	1.34	1.46	1.36	1.39	4.33	ppb
Calcium	43-1	526.25	514.33	532.76	524.45	1.78	ppb
Calcium	44-1	517.43	516.73	515.07	516.41	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.36	2.32	2.39	2.36	1.47	ppb
Cobalt	59-2	1.10	1.05	1.12	1.09	3.47	ppb
Copper	63-2	2.26	2.31	2.28	2.28	1.02	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				105		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	228.63	231.25	230.17	230.02	0.57	ppb
Iron	57-2	226.96	227.52	230.43	228.30	0.82	ppb
Iron	54-2	227.75	232.67	230.64	230.35	1.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.01	0.96	1.00	0.99	2.80	ppb
Lead	207-1	0.99	1.04	0.97	1.00	3.56	ppb
Lead	208-1	0.99	0.99	0.97	0.98	1.04	ppb
Lithium	6-1				96		%
Magnesium	24-2	557.67	556.45	557.61	557.24	0.12	ppb
Manganese	55-2	1.01	1.00	0.97	0.99	2.12	ppb
Molybdenum	94-1	5.86	5.71	5.74	5.77	1.38	ppb
Molybdenum	95-1	4.76	4.69	4.69	4.72	0.87	ppb
Molybdenum	96-1	4.75	4.86	4.77	4.79	1.16	ppb
Molybdenum	97-1	4.83	4.68	4.63	4.71	2.21	ppb
Molybdenum	98-1	4.62	4.66	4.66	4.65	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.18	1.27	1.23	3.55	ppb
Phosphorus	31-2	-18.27	-16.47	-16.96	-17.23		ppb
Potassium	39-2	527.92	530.37	533.22	530.50	0.50	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	6.09	5.25	5.51	5.62	7.66	ppb
Selenium	77-2	5.16	5.78	3.69	4.88	21.95	ppb
Selenium	78-2	5.98	4.79	4.52	5.10	15.23	ppb
Silicon	28-1	1.15	1.19	1.19	1.18	1.84	ppb
Silver	107-1	1.01	1.04	1.05	1.04	2.08	ppb
Silver	109-1	1.02	1.05	1.04	1.03	1.25	ppb
Sodium	23-2	534.60	541.40	538.65	538.21	0.64	ppb
Strontium	86-1	1.24	0.98	1.02	1.08	13.23	ppb
Strontium	88-1	1.29	1.04	1.06	1.13	12.31	ppb
Sulfur	34-1	-112.29	-207.43	-190.47	-170.06		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.92	0.87	0.88	0.89	2.77	ppb
Thallium	205-1	0.89	0.88	0.87	0.88	0.91	ppb
Tin	118-1	0.00	0.00	0.00	0.00	285.38	ppb
Titanium	47-1	4.73	4.52	4.90	4.72	3.97	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.87	0.89	0.87	1.42	ppb
Vanadium	51-2	5.34	5.43	5.33	5.37	0.95	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	5.10	5.57	5.41	5.36	4.45	ppb
Zirconium	90-1	1.10	1.08	1.07	1.08	1.34	ppb
Zirconium	91-1	1.06	1.09	1.07	1.07	1.34	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37149.92	36620.63	36772.85	36847.80	0.74	ppb
Antimony	121-1	0.91	0.96	0.95	0.94	2.57	ppb
Arsenic	75-2	76.60	74.80	73.00	74.80	2.40	ppb
Barium	135-1	132.31	135.57	133.24	133.71	1.25	ppb
Barium	137-1	132.22	137.20	134.96	134.79	1.85	ppb
Beryllium	9-1	0.66	0.64	0.66	0.65	2.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	1.30	0.96	1.10	15.90	ppb
Cadmium	106-1	3.06	2.69	2.03	2.59	20.22	ppb
Cadmium	111-1	0.55	0.46	0.45	0.48	11.59	ppb
Calcium	43-1	35104.14	35194.84	35471.76	35256.91	0.54	ppb
Calcium	44-1	35497.81	35311.74	35678.63	35496.06	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.77	112.90	112.97	113.22	0.43	ppb
Cobalt	59-2	46.83	46.09	45.67	46.19	1.27	ppb
Copper	63-2	129.88	129.85	130.11	129.95	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	85111.89	84282.15	83459.74	84284.59	0.98	ppb
Iron	57-2	83401.80	82757.71	82128.28	82762.60	0.77	ppb
Iron	54-2	84085.03	83065.86	82695.43	83282.11	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.05	14.51	13.97	14.18	2.05	ppb
Lead	207-1	12.89	12.98	12.99	12.95	0.39	ppb
Lead	208-1	12.97	13.34	13.22	13.18	1.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	23283.98	23385.66	23427.30	23365.65	0.32	ppb
Manganese	55-2	1258.33	1253.92	1233.38	1248.54	1.07	ppb
Molybdenum	94-1	11.86	12.04	12.11	12.01	1.06	ppb
Molybdenum	95-1	0.66	0.68	0.73	0.69	5.19	ppb
Molybdenum	96-1	2.36	2.37	2.40	2.38	0.93	ppb
Molybdenum	97-1	0.69	0.71	0.70	0.70	1.67	ppb
Molybdenum	98-1	0.67	0.69	0.70	0.69	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.31	86.91	87.22	86.81	0.53	ppb
Phosphorus	31-2	1396.13	1392.52	1353.66	1380.77	1.71	ppb
Potassium	39-2	1883.94	1911.06	1894.31	1896.44	0.72	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	82-1	0.97	1.10	0.90	0.99	10.44	ppb
Selenium	77-2	12.17	9.45	10.63	10.75	12.68	ppb
Selenium	78-2	2.19	1.87	1.20	1.75	28.74	ppb
Silicon	28-1	890.16	878.61	870.17	879.65	1.14	ppb
Silver	107-1	0.16	0.14	0.12	0.14	15.61	ppb
Silver	109-1	0.16	0.13	0.11	0.13	21.33	ppb
Sodium	23-2	617.77	618.03	617.31	617.70	0.06	ppb
Strontium	86-1	81.19	80.98	82.11	81.43	0.74	ppb
Strontium	88-1	80.96	81.47	80.75	81.06	0.46	ppb
Sulfur	34-1	-115.29	-248.79	-294.52	-219.53		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.13	0.13	0.13	4.11	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	3.39	ppb
Tin	118-1	1.62	1.75	1.63	1.67	4.28	ppb
Titanium	47-1	964.08	966.17	950.86	960.37	0.86	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.27	1.29	1.26	1.27	1.07	ppb
Vanadium	51-2	187.47	186.81	187.53	187.27	0.21	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	139.67	139.09	139.16	139.30	0.23	ppb
Zirconium	90-1	6.71	6.87	6.91	6.83	1.58	ppb
Zirconium	91-1	6.83	6.83	6.95	6.87	0.96	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34752.48	34304.35	34302.67	34453.16	0.75	ppb
Antimony	121-1	1.56	1.53	1.57	1.55	1.26	ppb
Arsenic	75-2	79.35	78.46	78.73	78.85	0.58	ppb
Barium	135-1	263.32	268.40	271.69	267.80	1.57	ppb
Barium	137-1	267.23	275.57	274.62	272.48	1.68	ppb
Beryllium	9-1	1.69	1.77	1.80	1.75	3.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.35	1.31	1.51	1.39	7.68	ppb
Cadmium	106-1	3.39	2.51	2.28	2.73	21.51	ppb
Cadmium	111-1	1.12	1.14	1.02	1.09	6.28	ppb
Calcium	43-1	12552.90	12401.86	12660.78	12538.51	1.04	ppb
Calcium	44-1	11528.37	11449.50	11600.56	11526.14	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.37	46.20	45.53	46.03	0.96	ppb
Cobalt	59-2	34.07	34.46	34.15	34.22	0.60	ppb
Copper	63-2	94.67	94.85	94.67	94.73	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	85689.84	85942.01	85831.85	85821.23	0.15	ppb
Iron	57-2	83687.89	84076.28	83710.39	83824.85	0.26	ppb
Iron	54-2	85660.16	85042.84	85502.65	85401.88	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.98	60.25	58.99	59.41	1.23	ppb
Lead	207-1	60.49	62.81	61.05	61.45	1.97	ppb
Lead	208-1	59.47	61.27	59.94	60.23	1.55	ppb
Lithium	6-1				92		%
Magnesium	24-2	11932.90	11838.30	11772.32	11847.84	0.68	ppb
Manganese	55-2	1544.09	1544.16	1543.63	1543.96	0.02	ppb
Molybdenum	94-1	11.39	11.73	11.90	11.67	2.21	ppb
Molybdenum	95-1	0.88	0.89	0.89	0.89	0.76	ppb
Molybdenum	96-1	2.46	2.53	2.51	2.50	1.42	ppb
Molybdenum	97-1	0.84	0.86	0.88	0.86	2.04	ppb
Molybdenum	98-1	0.82	0.85	0.87	0.85	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.94	37.38	38.17	37.83	1.08	ppb
Phosphorus	31-2	2063.76	2061.85	2032.89	2052.83	0.84	ppb
Potassium	39-2	8470.38	8585.52	8458.34	8504.75	0.83	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	1.42	1.13	1.36	1.30	11.55	ppb
Selenium	77-2	14.38	17.49	15.62	15.83	9.87	ppb
Selenium	78-2	3.21	4.12	4.05	3.79	13.35	ppb
Silicon	28-1	851.45	840.71	860.59	850.91	1.17	ppb
Silver	107-1	0.39	0.42	0.40	0.40	4.74	ppb
Silver	109-1	0.39	0.39	0.40	0.39	1.81	ppb
Sodium	23-2	162.80	165.55	166.55	164.97	1.18	ppb
Strontium	86-1	71.45	72.46	73.78	72.57	1.61	ppb
Strontium	88-1	71.31	71.72	73.08	72.03	1.29	ppb
Sulfur	34-1	-657.22	-911.00	-963.83	-844.02		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.31	0.29	0.30	4.18	ppb
Thallium	205-1	0.29	0.30	0.29	0.29	1.52	ppb
Tin	118-1	1.89	1.90	1.88	1.89	0.35	ppb
Titanium	47-1	1228.08	1212.11	1249.75	1229.98	1.54	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.87	0.88	0.87	1.73	ppb
Vanadium	51-2	159.45	159.15	158.98	159.19	0.15	ppb
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	274.98	275.75	274.71	275.15	0.20	ppb
Zirconium	90-1	6.37	6.55	6.63	6.52	2.11	ppb
Zirconium	91-1	6.52	6.54	6.75	6.60	1.89	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46179.12	46099.97	45894.27	46057.79	0.32	ppb
Antimony	121-1	1.08	1.06	1.07	1.07	0.60	ppb
Arsenic	75-2	54.22	54.28	54.59	54.37	0.36	ppb
Barium	135-1	430.63	429.51	429.67	429.94	0.14	ppb
Barium	137-1	443.32	449.10	450.28	447.56	0.83	ppb
Beryllium	9-1	2.13	2.04	1.97	2.05	4.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.36	1.17	1.34	12.07	ppb
Cadmium	106-1	4.15	2.59	1.82	2.85	41.51	ppb
Cadmium	111-1	0.70	0.61	0.54	0.62	13.03	ppb
Calcium	43-1	16563.04	16889.18	16907.40	16786.54	1.15	ppb
Calcium	44-1	15185.74	15536.72	15369.55	15364.00	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.13	56.78	56.21	56.37	0.63	ppb
Cobalt	59-2	42.53	42.35	42.24	42.37	0.35	ppb
Copper	63-2	92.32	91.91	91.62	91.95	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	100856.08	102070.07	100307.75	101077.97	0.89	ppb
Iron	57-2	100861.57	100159.22	98530.37	99850.39	1.20	ppb
Iron	54-2	100249.85	101106.57	99423.83	100260.08	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.62	36.56	36.73	36.30	1.65	ppb
Lead	207-1	34.72	35.68	36.04	35.48	1.93	ppb
Lead	208-1	34.83	35.62	35.97	35.47	1.64	ppb
Lithium	6-1				91		%
Magnesium	24-2	16589.21	16571.45	16557.71	16572.79	0.10	ppb
Manganese	55-2	1889.00	1893.82	1873.71	1885.51	0.56	ppb
Molybdenum	94-1	18.84	19.08	18.90	18.94	0.66	ppb
Molybdenum	95-1	0.99	1.02	0.98	1.00	2.35	ppb
Molybdenum	96-1	3.46	3.47	3.36	3.43	1.84	ppb
Molybdenum	97-1	0.96	1.00	0.98	0.98	2.00	ppb
Molybdenum	98-1	0.99	0.98	0.99	0.99	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.17	47.22	46.88	47.09	0.39	ppb
Phosphorus	31-2	2196.32	2160.30	2136.48	2164.37	1.39	ppb
Potassium	39-2	7992.80	7985.42	7888.61	7955.61	0.73	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	0.78	1.05	0.93	0.92	14.87	ppb
Selenium	77-2	23.78	22.71	23.78	23.42	2.64	ppb
Selenium	78-2	2.71	4.38	3.80	3.63	23.32	ppb
Silicon	28-1	941.77	947.23	959.42	949.47	0.95	ppb
Silver	107-1	0.16	0.17	0.16	0.16	2.45	ppb
Silver	109-1	0.17	0.16	0.17	0.17	2.03	ppb
Sodium	23-2	265.79	265.95	267.16	266.30	0.28	ppb
Strontium	86-1	95.15	96.76	95.05	95.65	1.01	ppb
Strontium	88-1	94.81	96.21	95.94	95.65	0.78	ppb
Sulfur	34-1	-1366.65	-1408.62	-1410.38	-1395.22		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.33	0.33	0.34	0.33	1.72	ppb
Thallium	205-1	0.32	0.33	0.34	0.33	2.37	ppb
Tin	118-1	2.03	2.01	2.00	2.01	0.93	ppb
Titanium	47-1	1381.50	1396.35	1407.01	1394.95	0.92	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.26	1.25	1.31	1.27	2.47	ppb
Vanadium	51-2	184.09	183.05	182.28	183.14	0.50	ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	207.47	206.90	206.40	206.92	0.26	ppb
Zirconium	90-1	10.79	10.93	10.86	10.86	0.68	ppb
Zirconium	91-1	10.81	11.09	10.68	10.86	1.90	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24483.91	24175.81	24136.02	24265.25	0.78	ppb
Antimony	121-1	2.06	2.09	2.07	2.08	0.82	ppb
Arsenic	75-2	117.70	118.75	117.70	118.05	0.51	ppb
Barium	135-1	201.38	205.04	205.45	203.96	1.10	ppb
Barium	137-1	205.04	208.79	206.82	206.88	0.91	ppb
Beryllium	9-1	1.22	1.44	1.29	1.32	8.65	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.28	2.36	1.90	2.18	11.40	ppb
Cadmium	106-1	3.49	3.08	3.41	3.33	6.45	ppb
Cadmium	111-1	1.76	1.79	1.82	1.79	1.78	ppb
Calcium	43-1	8316.41	8493.02	8540.76	8450.06	1.40	ppb
Calcium	44-1	7616.51	7830.83	7802.46	7749.93	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.42	40.10	40.47	40.33	0.49	ppb
Cobalt	59-2	33.39	33.20	33.55	33.38	0.53	ppb
Copper	63-2	97.48	96.40	97.14	97.01	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	75103.43	74851.73	75023.37	74992.84	0.17	ppb
Iron	57-2	73935.67	73420.21	73859.37	73738.42	0.38	ppb
Iron	54-2	74716.70	73827.51	74956.19	74500.13	0.80	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.82	85.47	85.57	84.95	1.16	ppb
Lead	207-1	87.89	91.12	90.24	89.75	1.86	ppb
Lead	208-1	85.34	87.91	87.39	86.88	1.57	ppb
Lithium	6-1				92		%
Magnesium	24-2	8357.66	8385.98	8420.06	8387.90	0.37	ppb
Manganese	55-2	1601.78	1598.28	1605.87	1601.98	0.24	ppb
Molybdenum	94-1	10.64	11.01	10.85	10.83	1.70	ppb
Molybdenum	95-1	0.88	0.96	0.95	0.93	4.54	ppb
Molybdenum	96-1	2.42	2.43	2.45	2.43	0.54	ppb
Molybdenum	97-1	0.92	0.95	0.92	0.93	1.84	ppb
Molybdenum	98-1	0.93	0.96	0.90	0.93	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.18	29.91	30.03	30.04	0.46	ppb
Phosphorus	31-2	1694.39	1736.58	1703.32	1711.43	1.30	ppb
Potassium	39-2	5674.75	5689.00	5674.75	5679.50	0.14	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	1.41	1.39	1.58	1.46	7.43	ppb
Selenium	77-2	14.31	14.62	14.61	14.51	1.19	ppb
Selenium	78-2	3.02	2.90	3.45	3.12	9.23	ppb
Silicon	28-1	893.22	924.54	935.55	917.77	2.39	ppb
Silver	107-1	0.50	0.51	0.49	0.50	1.39	ppb
Silver	109-1	0.48	0.49	0.50	0.49	1.80	ppb
Sodium	23-2	169.77	167.70	169.26	168.91	0.64	ppb
Strontium	86-1	52.23	53.99	53.57	53.26	1.73	ppb
Strontium	88-1	51.86	53.69	52.98	52.85	1.75	ppb
Sulfur	34-1	-1227.17	-1252.68	-1264.86	-1248.24		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.22	0.22	0.23	0.22	2.45	ppb
Thallium	205-1	0.21	0.22	0.23	0.22	3.51	ppb
Tin	118-1	2.07	2.10	2.17	2.11	2.44	ppb
Titanium	47-1	1358.54	1366.14	1382.42	1369.03	0.89	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.85	0.83	0.83	2.33	ppb
Vanadium	51-2	146.75	144.54	145.36	145.55	0.77	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	408.16	403.25	405.59	405.67	0.61	ppb
Zirconium	90-1	5.95	6.08	6.05	6.03	1.15	ppb
Zirconium	91-1	5.90	6.14	6.13	6.06	2.23	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38087.13	38539.52	38566.79	38397.82	0.70	ppb
Antimony	121-1	0.92	0.93	0.96	0.93	2.39	ppb
Arsenic	75-2	51.57	53.75	53.24	52.85	2.16	ppb
Barium	135-1	312.76	313.33	317.28	314.45	0.78	ppb
Barium	137-1	324.30	324.15	332.52	326.99	1.47	ppb
Beryllium	9-1	1.71	1.56	1.66	1.65	4.64	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.19	1.21	1.28	1.23	4.03	ppb
Cadmium	106-1	2.10	2.52	2.28	2.30	9.14	ppb
Cadmium	111-1	0.59	0.58	0.55	0.57	3.01	ppb
Calcium	43-1	12743.82	12768.88	12994.54	12835.75	1.08	ppb
Calcium	44-1	11689.75	11878.43	11909.33	11825.84	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.55	46.83	46.85	46.75	0.36	ppb
Cobalt	59-2	32.31	32.26	32.08	32.22	0.37	ppb
Copper	63-2	75.76	76.19	75.87	75.94	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				110		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	78068.72	78521.65	78386.09	78325.49	0.30	ppb
Iron	57-2	76261.43	77040.65	76301.06	76534.38	0.57	ppb
Iron	54-2	77098.91	78411.17	77064.88	77524.99	0.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.26	32.82	33.44	33.17	0.95	ppb
Lead	207-1	33.19	33.11	33.95	33.42	1.38	ppb
Lead	208-1	32.88	32.84	33.21	32.97	0.62	ppb
Lithium	6-1				92		%
Magnesium	24-2	13559.24	13590.83	13458.90	13536.32	0.51	ppb
Manganese	55-2	1379.41	1396.58	1393.52	1389.84	0.66	ppb
Molybdenum	94-1	17.81	17.99	18.38	18.06	1.62	ppb
Molybdenum	95-1	0.79	0.79	0.82	0.80	2.61	ppb
Molybdenum	96-1	2.96	3.03	3.10	3.03	2.23	ppb
Molybdenum	97-1	0.73	0.79	0.77	0.76	3.58	ppb
Molybdenum	98-1	0.75	0.78	0.80	0.77	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.43	39.70	38.87	39.33	1.08	ppb
Phosphorus	31-2	1666.53	1627.85	1693.87	1662.75	2.00	ppb
Potassium	39-2	6528.70	6439.48	6606.63	6524.94	1.28	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	0.91	0.96	0.68	0.85	17.76	ppb
Selenium	77-2	17.05	20.91	14.63	17.53	18.06	ppb
Selenium	78-2	3.87	3.46	3.25	3.53	8.94	ppb
Silicon	28-1	858.00	868.94	871.45	866.13	0.83	ppb
Silver	107-1	0.19	0.19	0.17	0.18	5.19	ppb
Silver	109-1	0.17	0.18	0.19	0.18	3.09	ppb
Sodium	23-2	187.18	190.29	189.86	189.11	0.89	ppb
Strontium	86-1	71.74	72.84	72.99	72.52	0.94	ppb
Strontium	88-1	71.94	73.13	73.34	72.80	1.04	ppb
Sulfur	34-1	-1400.11	-1475.53	-1478.27	-1451.30		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.22	0.21	0.22	0.22	4.59	ppb
Thallium	205-1	0.23	0.21	0.21	0.22	4.33	ppb
Tin	118-1	1.67	1.73	1.75	1.72	2.27	ppb
Titanium	47-1	1058.22	1066.07	1073.25	1065.85	0.70	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.95	0.96	0.95	1.92	ppb
Vanadium	51-2	133.82	132.98	133.16	133.32	0.33	ppb
Yttrium	89-1				116		%
Yttrium	89-2				113		%
Zinc	66-2	195.26	194.35	192.98	194.20	0.59	ppb
Zirconium	90-1	10.41	10.51	10.48	10.47	0.49	ppb
Zirconium	91-1	10.29	10.57	10.56	10.47	1.52	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50797.56	50465.30	50666.90	50643.25	0.33	ppb
Antimony	121-1	1.36	1.36	1.36	1.36	0.21	ppb
Arsenic	75-2	84.43	85.17	84.81	84.80	0.44	ppb
Barium	135-1	424.11	432.94	427.82	428.29	1.04	ppb
Barium	137-1	447.50	455.39	449.55	450.81	0.91	ppb
Beryllium	9-1	2.15	2.20	2.23	2.19	1.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.80	1.68	1.61	1.70	5.64	ppb
Cadmium	106-1	3.08	2.70	3.04	2.94	7.10	ppb
Cadmium	111-1	0.99	1.02	1.02	1.01	1.88	ppb
Calcium	43-1	18523.64	18801.22	18903.82	18742.89	1.05	ppb
Calcium	44-1	17291.45	17358.21	17488.14	17379.27	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.94	86.75	86.03	86.24	0.51	ppb
Cobalt	59-2	41.85	42.04	41.43	41.77	0.74	ppb
Copper	63-2	108.03	108.59	107.95	108.19	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	104914.10	104013.43	103106.08	104011.20	0.87	ppb
Iron	57-2	102249.79	103120.00	102403.28	102591.02	0.45	ppb
Iron	54-2	103578.66	103586.36	103146.06	103437.03	0.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.38	52.53	51.49	51.80	1.23	ppb
Lead	207-1	52.74	52.92	52.13	52.60	0.79	ppb
Lead	208-1	51.37	52.33	51.16	51.62	1.21	ppb
Lithium	6-1				94		%
Magnesium	24-2	18665.85	18471.76	18476.68	18538.10	0.60	ppb
Manganese	55-2	1956.56	1962.69	1931.54	1950.26	0.85	ppb
Molybdenum	94-1	17.05	17.60	17.06	17.24	1.83	ppb
Molybdenum	95-1	0.98	0.99	0.99	0.99	0.62	ppb
Molybdenum	96-1	3.26	3.25	3.23	3.25	0.40	ppb
Molybdenum	97-1	1.01	1.01	0.93	0.98	4.40	ppb
Molybdenum	98-1	0.96	0.97	0.97	0.97	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.82	62.02	61.61	61.82	0.34	ppb
Phosphorus	31-2	2168.71	2187.61	2182.33	2179.55	0.45	ppb
Potassium	39-2	9916.20	9871.17	9760.49	9849.29	0.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	0.97	1.51	1.48	1.32	23.05	ppb
Selenium	77-2	24.54	20.19	24.92	23.22	11.32	ppb
Selenium	78-2	4.32	4.68	3.72	4.24	11.46	ppb
Silicon	28-1	819.52	823.27	815.88	819.56	0.45	ppb
Silver	107-1	0.31	0.31	0.29	0.30	2.47	ppb
Silver	109-1	0.30	0.32	0.29	0.30	4.51	ppb
Sodium	23-2	232.15	235.09	233.43	233.56	0.63	ppb
Strontium	86-1	97.53	99.00	97.20	97.91	0.98	ppb
Strontium	88-1	97.14	98.20	96.42	97.25	0.92	ppb
Sulfur	34-1	-1057.98	-1066.82	-1053.45	-1059.42		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.32	0.31	0.31	1.28	ppb
Thallium	205-1	0.32	0.31	0.30	0.31	2.01	ppb
Tin	118-1	1.83	1.80	1.83	1.82	0.97	ppb
Titanium	47-1	1259.95	1260.43	1259.11	1259.83	0.05	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.14	1.15	1.14	1.14	0.35	ppb
Vanadium	51-2	169.53	170.11	169.38	169.67	0.23	ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	313.74	313.52	312.58	313.28	0.20	ppb
Zirconium	90-1	9.67	9.86	9.68	9.74	1.11	ppb
Zirconium	91-1	9.66	11.17	9.58	10.14	8.84	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30453.57	31032.74	30509.49	30665.27	1.04	ppb
Antimony	121-1	2.39	2.41	2.34	2.38	1.45	ppb
Arsenic	75-2	137.46	136.28	135.36	136.37	0.77	ppb
Barium	135-1	251.17	251.55	253.20	251.97	0.43	ppb
Barium	137-1	251.25	257.04	255.82	254.70	1.20	ppb
Beryllium	9-1	1.44	1.62	1.65	1.57	7.17	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.14	2.50	2.31	2.32	7.65	ppb
Cadmium	106-1	4.39	3.40	3.38	3.72	15.46	ppb
Cadmium	111-1	1.88	1.87	1.83	1.86	1.29	ppb
Calcium	43-1	10730.73	10912.92	10881.08	10841.58	0.90	ppb
Calcium	44-1	9945.46	10011.99	10118.00	10025.15	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.90	52.36	52.19	52.15	0.45	ppb
Cobalt	59-2	39.88	40.20	40.26	40.12	0.51	ppb
Copper	63-2	134.92	137.70	136.20	136.27	1.02	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				109		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	106386.01	107331.53	105903.81	106540.45	0.68	ppb
Iron	57-2	103447.97	104101.15	104275.33	103941.48	0.42	ppb
Iron	54-2	105770.71	105635.76	106341.97	105916.15	0.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.87	95.17	95.26	94.43	1.43	ppb
Lead	207-1	94.48	98.12	97.65	96.75	2.05	ppb
Lead	208-1	98.08	101.59	100.71	100.13	1.82	ppb
Lithium	6-1				93		%
Magnesium	24-2	11402.19	11478.18	11344.39	11408.25	0.59	ppb
Manganese	55-2	1722.89	1714.18	1704.00	1713.69	0.55	ppb
Molybdenum	94-1	16.52	16.74	16.62	16.63	0.65	ppb
Molybdenum	95-1	1.21	1.23	1.26	1.23	2.24	ppb
Molybdenum	96-1	3.44	3.46	3.47	3.46	0.47	ppb
Molybdenum	97-1	1.22	1.19	1.23	1.21	1.71	ppb
Molybdenum	98-1	1.22	1.20	1.23	1.22	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.26	37.60	37.32	37.39	0.49	ppb
Phosphorus	31-2	2286.29	2274.41	2312.01	2290.91	0.84	ppb
Potassium	39-2	7465.81	7468.28	7479.48	7471.19	0.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	1.99	1.35	1.59	1.64	19.55	ppb
Selenium	77-2	16.87	16.20	16.98	16.68	2.54	ppb
Selenium	78-2	2.34	3.54	3.56	3.15	22.18	ppb
Silicon	28-1	854.16	877.96	847.75	859.96	1.85	ppb
Silver	107-1	0.42	0.42	0.44	0.43	1.94	ppb
Silver	109-1	0.43	0.44	0.44	0.43	1.91	ppb
Sodium	23-2	204.40	206.63	208.00	206.34	0.88	ppb
Strontium	86-1	68.56	67.66	67.60	67.94	0.79	ppb
Strontium	88-1	67.64	68.58	67.92	68.04	0.71	ppb
Sulfur	34-1	-1139.08	-1224.57	-1259.00	-1207.55		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.32	0.32	0.31	1.37	ppb
Thallium	205-1	0.30	0.32	0.33	0.32	4.93	ppb
Tin	118-1	2.08	2.09	2.12	2.10	1.13	ppb
Titanium	47-1	1769.74	1758.80	1744.46	1757.67	0.72	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.07	1.03	1.04	2.82	ppb
Vanadium	51-2	211.08	212.18	211.06	211.44	0.30	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	425.32	424.02	425.54	424.96	0.19	ppb
Zirconium	90-1	9.32	9.20	9.25	9.26	0.64	ppb
Zirconium	91-1	9.41	9.28	9.33	9.34	0.70	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34894.77	35498.46	35898.29	35430.51	1.43	ppb
Antimony	121-1	1.97	1.97	2.02	1.99	1.48	ppb
Arsenic	75-2	118.54	116.11	116.92	117.19	1.06	ppb
Barium	135-1	316.93	313.69	322.20	317.61	1.35	ppb
Barium	137-1	331.01	323.57	333.89	329.49	1.62	ppb
Beryllium	9-1	1.74	1.81	1.75	1.77	2.22	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.05	1.67	1.84	1.85	10.23	ppb
Cadmium	106-1	3.12	3.11	2.63	2.95	9.41	ppb
Cadmium	111-1	1.42	1.47	1.45	1.45	1.64	ppb
Calcium	43-1	13385.78	13236.22	13389.96	13337.32	0.66	ppb
Calcium	44-1	12355.18	12174.90	12224.39	12251.49	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.01	44.01	44.25	44.09	0.31	ppb
Cobalt	59-2	37.13	37.58	37.70	37.47	0.79	ppb
Copper	63-2	102.48	102.16	101.91	102.18	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				109		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	91740.24	92446.17	93249.30	92478.57	0.82	ppb
Iron	57-2	89970.51	90862.45	91196.63	90676.53	0.70	ppb
Iron	54-2	91039.45	91590.88	91383.78	91338.04	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	81.65	82.57	82.86	82.36	0.76	ppb
Lead	207-1	85.86	86.05	85.45	85.79	0.36	ppb
Lead	208-1	82.92	83.54	83.49	83.31	0.42	ppb
Lithium	6-1				92		%
Magnesium	24-2	13245.94	13271.74	13527.94	13348.54	1.17	ppb
Manganese	55-2	1836.26	1864.04	1880.82	1860.37	1.21	ppb
Molybdenum	94-1	14.54	14.60	14.66	14.60	0.40	ppb
Molybdenum	95-1	1.04	1.06	1.09	1.06	2.53	ppb
Molybdenum	96-1	2.94	2.96	3.04	2.98	1.71	ppb
Molybdenum	97-1	1.07	1.00	1.05	1.04	3.52	ppb
Molybdenum	98-1	1.01	1.04	1.04	1.03	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.31	39.20	39.68	39.40	0.64	ppb
Phosphorus	31-2	2424.69	2469.17	2430.42	2441.43	0.99	ppb
Potassium	39-2	8616.73	8705.48	8723.08	8681.76	0.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	1.23	1.37	1.47	1.36	9.05	ppb
Selenium	77-2	21.16	15.41	19.87	18.82	16.02	ppb
Selenium	78-2	3.93	4.79	4.08	4.27	10.73	ppb
Silicon	28-1	836.10	828.85	834.69	833.21	0.46	ppb
Silver	107-1	0.41	0.42	0.43	0.42	2.75	ppb
Silver	109-1	0.42	0.42	0.42	0.42	0.79	ppb
Sodium	23-2	219.09	223.27	222.47	221.61	1.00	ppb
Strontium	86-1	77.05	77.56	77.96	77.52	0.59	ppb
Strontium	88-1	78.12	77.45	77.54	77.70	0.47	ppb
Sulfur	34-1	-973.89	-1047.25	-1116.55	-1045.89		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.29	0.25	0.26	0.27	7.70	ppb
Thallium	205-1	0.26	0.25	0.25	0.25	1.62	ppb
Tin	118-1	1.93	1.91	1.91	1.92	0.55	ppb
Titanium	47-1	1348.82	1360.97	1362.81	1357.53	0.56	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.04	1.08	1.05	2.84	ppb
Vanadium	51-2	164.23	165.09	165.28	164.87	0.34	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	398.37	402.74	404.13	401.75	0.75	ppb
Zirconium	90-1	8.10	8.19	8.23	8.17	0.81	ppb
Zirconium	91-1	8.06	8.20	8.15	8.14	0.91	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38430.15	38423.69	38472.02	38441.95	0.07	ppb
Antimony	121-1	1.48	1.51	1.70	1.56	7.78	ppb
Arsenic	75-2	114.35	113.04	112.73	113.37	0.76	ppb
Barium	135-1	363.51	377.74	425.14	388.80	8.30	ppb
Barium	137-1	381.67	390.09	434.70	402.16	7.09	ppb
Beryllium	9-1	1.81	1.78	2.05	1.88	7.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.48	1.60	1.90	1.66	12.94	ppb
Cadmium	106-1	3.31	2.20	3.95	3.15	28.11	ppb
Cadmium	111-1	1.15	1.12	1.32	1.20	9.11	ppb
Calcium	43-1	14041.44	13874.12	15715.01	14543.52	7.00	ppb
Calcium	44-1	12836.75	12947.48	14438.65	13407.63	6.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.43	51.90	52.42	52.25	0.58	ppb
Cobalt	59-2	41.18	40.77	41.22	41.06	0.61	ppb
Copper	63-2	101.40	100.98	101.00	101.13	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				103		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	99345.03	100164.47	99842.81	99784.10	0.41	ppb
Iron	57-2	98014.92	96415.25	96631.97	97020.71	0.89	ppb
Iron	54-2	98733.95	98257.32	98585.99	98525.75	0.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	75.44	74.76	83.51	77.90	6.25	ppb
Lead	207-1	77.25	76.65	87.72	80.54	7.72	ppb
Lead	208-1	75.44	75.33	84.10	78.29	6.43	ppb
Lithium	6-1				87		%
Magnesium	24-2	13858.20	14011.22	13785.98	13885.13	0.83	ppb
Manganese	55-2	1786.88	1785.43	1789.83	1787.38	0.13	ppb
Molybdenum	94-1	14.82	15.26	16.71	15.60	6.36	ppb
Molybdenum	95-1	1.13	1.17	1.32	1.21	8.31	ppb
Molybdenum	96-1	3.24	3.23	3.53	3.33	5.06	ppb
Molybdenum	97-1	1.20	1.14	1.31	1.22	6.85	ppb
Molybdenum	98-1	1.12	1.18	1.25	1.18	5.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.52	41.48	42.14	42.05	1.25	ppb
Phosphorus	31-2	2420.12	2457.99	2403.23	2427.11	1.16	ppb
Potassium	39-2	7920.85	7772.88	7834.83	7842.86	0.95	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	1.04	0.72	1.64	1.13	41.30	ppb
Selenium	77-2	17.71	20.10	18.26	18.69	6.71	ppb
Selenium	78-2	5.93	4.66	4.27	4.96	17.55	ppb
Silicon	28-1	872.67	879.24	980.67	910.86	6.65	ppb
Silver	107-1	0.40	0.41	0.46	0.43	7.40	ppb
Silver	109-1	0.40	0.41	0.48	0.43	10.01	ppb
Sodium	23-2	222.79	220.22	222.93	221.98	0.69	ppb
Strontium	86-1	76.65	78.55	85.53	80.24	5.83	ppb
Strontium	88-1	76.72	77.93	85.18	79.95	5.72	ppb
Sulfur	34-1	-930.49	-1046.11	-507.42	-828.00		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.29	0.29	0.30	0.29	2.25	ppb
Thallium	205-1	0.27	0.28	0.30	0.29	5.17	ppb
Tin	118-1	2.73	2.76	3.26	2.92	10.20	ppb
Titanium	47-1	1354.72	1372.91	1561.93	1429.85	8.02	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.14	1.29	1.19	6.96	ppb
Vanadium	51-2	187.32	188.15	186.28	187.25	0.50	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	337.04	337.93	338.09	337.69	0.17	ppb
Zirconium	90-1	8.38	8.65	9.42	8.82	6.15	ppb
Zirconium	91-1	8.47	8.68	9.47	8.87	5.92	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37876.01	38092.88	37638.20	37869.03	0.60	ppb
Antimony	121-1	1.62	1.63	1.68	1.64	2.04	ppb
Arsenic	75-2	114.42	111.36	111.73	112.50	1.49	ppb
Barium	135-1	356.23	360.28	362.91	359.81	0.93	ppb
Barium	137-1	369.51	376.09	383.14	376.25	1.81	ppb
Beryllium	9-1	1.76	1.90	1.67	1.78	6.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.54	1.69	1.55	8.17	ppb
Cadmium	106-1	2.76	2.23	2.30	2.43	11.88	ppb
Cadmium	111-1	1.11	1.05	1.07	1.08	2.91	ppb
Calcium	43-1	13622.86	13853.15	13781.47	13752.49	0.86	ppb
Calcium	44-1	12588.79	12672.30	12758.46	12673.18	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.89	51.62	51.28	51.60	0.59	ppb
Cobalt	59-2	40.13	40.36	40.52	40.34	0.49	ppb
Copper	63-2	99.57	99.43	99.64	99.55	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	98371.69	96993.14	97012.37	97459.07	0.81	ppb
Iron	57-2	96594.20	96238.07	95403.29	96078.52	0.64	ppb
Iron	54-2	97407.95	96653.56	96974.91	97012.14	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.00	74.00	75.00	73.67	2.07	ppb
Lead	207-1	75.29	76.93	77.62	76.61	1.56	ppb
Lead	208-1	73.52	74.74	75.95	74.74	1.63	ppb
Lithium	6-1				90		%
Magnesium	24-2	13918.60	13747.16	13543.99	13736.58	1.37	ppb
Manganese	55-2	1747.53	1721.57	1719.20	1729.43	0.91	ppb
Molybdenum	94-1	15.01	15.27	14.97	15.08	1.08	ppb
Molybdenum	95-1	1.17	1.12	1.15	1.15	2.56	ppb
Molybdenum	96-1	3.14	3.18	3.07	3.13	1.77	ppb
Molybdenum	97-1	1.15	1.13	1.13	1.14	1.11	ppb
Molybdenum	98-1	1.17	1.08	1.09	1.12	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.51	41.65	40.66	41.27	1.30	ppb
Phosphorus	31-2	2386.46	2357.86	2335.83	2360.05	1.08	ppb
Potassium	39-2	7795.40	7741.16	7745.03	7760.53	0.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	1.69	1.13	0.92	1.25	31.87	ppb
Selenium	77-2	21.40	18.84	18.18	19.47	8.72	ppb
Selenium	78-2	4.91	3.60	3.52	4.01	19.49	ppb
Silicon	28-1	872.87	876.43	878.79	876.03	0.34	ppb
Silver	107-1	0.41	0.40	0.40	0.40	1.13	ppb
Silver	109-1	0.39	0.39	0.40	0.39	1.85	ppb
Sodium	23-2	222.14	222.48	222.15	222.25	0.09	ppb
Strontium	86-1	75.21	76.12	76.31	75.88	0.77	ppb
Strontium	88-1	75.03	76.62	75.53	75.73	1.08	ppb
Sulfur	34-1	-1067.72	-1129.97	-1133.81	-1110.50		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.27	0.27	0.27	0.34	ppb
Thallium	205-1	0.27	0.27	0.28	0.27	1.74	ppb
Tin	118-1	2.53	2.53	2.57	2.55	0.98	ppb
Titanium	47-1	1373.33	1392.38	1388.07	1384.59	0.72	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.16	1.16	1.15	1.49	ppb
Vanadium	51-2	184.24	184.53	183.09	183.96	0.41	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	330.67	331.91	329.80	330.79	0.32	ppb
Zirconium	90-1	8.25	8.54	8.38	8.39	1.73	ppb
Zirconium	91-1	8.35	8.55	8.33	8.41	1.46	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7494.23	7545.44	7522.94	7520.87	0.34	ppb
Antimony	121-1	0.28	0.29	0.28	0.28	3.69	ppb
Arsenic	75-2	22.55	22.43	23.00	22.66	1.33	ppb
Barium	135-1	68.72	69.86	70.15	69.58	1.09	ppb
Barium	137-1	69.35	69.47	70.47	69.76	0.88	ppb
Beryllium	9-1	0.31	0.32	0.27	0.30	8.16	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.27	0.23	0.22	25.65	ppb
Cadmium	106-1	0.44	0.27	-0.17	0.18	174.64	ppb
Cadmium	111-1	0.21	0.19	0.17	0.19	9.20	ppb
Calcium	43-1	2678.94	2714.92	2704.18	2699.35	0.68	ppb
Calcium	44-1	2497.23	2550.28	2519.45	2522.32	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.08	10.31	10.37	10.25	1.48	ppb
Cobalt	59-2	8.06	7.95	7.92	7.98	0.91	ppb
Copper	63-2	20.02	20.09	19.75	19.95	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	19419.79	19667.78	19447.26	19511.61	0.70	ppb
Iron	57-2	19516.24	19095.80	19171.40	19261.15	1.16	ppb
Iron	54-2	19295.69	19429.09	19455.65	19393.47	0.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.82	14.09	13.79	13.90	1.19	ppb
Lead	207-1	14.31	14.56	14.36	14.41	0.94	ppb
Lead	208-1	13.98	14.20	13.96	14.04	0.94	ppb
Lithium	6-1				90		%
Magnesium	24-2	2686.64	2724.90	2724.18	2711.91	0.81	ppb
Manganese	55-2	359.84	361.07	364.36	361.76	0.65	ppb
Molybdenum	94-1	2.99	2.94	2.91	2.95	1.40	ppb
Molybdenum	95-1	0.21	0.22	0.22	0.22	4.26	ppb
Molybdenum	96-1	0.66	0.67	0.61	0.65	4.76	ppb
Molybdenum	97-1	0.22	0.20	0.23	0.22	7.08	ppb
Molybdenum	98-1	0.22	0.21	0.21	0.21	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.17	8.33	8.21	8.24	1.03	ppb
Phosphorus	31-2	458.01	471.28	468.71	466.00	1.51	ppb
Potassium	39-2	1666.80	1673.16	1667.95	1669.30	0.20	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.21	0.22	0.36	0.26	31.19	ppb
Selenium	77-2	3.20	3.09	4.36	3.55	19.80	ppb
Selenium	78-2	-0.44	0.71	0.38	0.21	277.33	ppb
Silicon	28-1	166.66	168.22	168.39	167.76	0.57	ppb
Silver	107-1	0.08	0.07	0.08	0.08	7.12	ppb
Silver	109-1	0.08	0.08	0.08	0.08	6.27	ppb
Sodium	23-2	65.35	63.47	63.53	64.12	1.67	ppb
Strontium	86-1	15.39	15.33	15.24	15.32	0.51	ppb
Strontium	88-1	15.20	15.34	15.33	15.29	0.50	ppb
Sulfur	34-1	-1307.25	-1299.72	-1370.23	-1325.74		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.04	0.03	0.03	18.24	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.18	ppb
Tin	118-1	0.45	0.53	0.50	0.49	8.18	ppb
Titanium	47-1	271.70	274.85	276.23	274.26	0.85	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.21	0.21	2.09	ppb
Vanadium	51-2	36.50	36.55	36.12	36.39	0.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	66.77	65.84	65.77	66.12	0.84	ppb
Zirconium	90-1	1.63	1.65	1.66	1.65	1.00	ppb
Zirconium	91-1	1.63	1.74	1.64	1.67	3.61	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39761.97	39495.06	39901.04	39719.36	0.52	ppb
Antimony	121-1	63.71	64.44	65.61	64.59	1.48	ppb
Arsenic	75-2	137.62	138.26	137.34	137.74	0.34	ppb
Barium	135-1	1492.20	1494.39	1510.63	1499.08	0.67	ppb
Barium	137-1	1513.02	1506.95	1527.47	1515.82	0.70	ppb
Beryllium	9-1	32.28	33.51	33.92	33.24	2.56	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.84	29.95	31.82	30.54	3.64	ppb
Cadmium	106-1	29.35	31.36	30.20	30.31	3.33	ppb
Cadmium	111-1	32.59	32.81	33.42	32.94	1.30	ppb
Calcium	43-1	14081.22	14163.42	14281.46	14175.37	0.71	ppb
Calcium	44-1	12936.02	13204.03	12923.25	13021.10	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.34	170.45	169.32	170.04	0.36	ppb
Cobalt	59-2	328.12	326.34	325.40	326.62	0.42	ppb
Copper	63-2	240.77	242.18	239.16	240.70	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	101511.94	102047.73	102433.95	101997.87	0.45	ppb
Iron	57-2	100321.37	100707.28	100249.16	100425.93	0.25	ppb
Iron	54-2	101509.80	100784.65	102045.62	101446.69	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.56	88.58	88.76	87.97	1.39	ppb
Lead	207-1	87.94	91.65	91.71	90.43	2.39	ppb
Lead	208-1	87.07	89.27	89.70	88.68	1.59	ppb
Lithium	6-1				93		%
Magnesium	24-2	14207.28	14231.31	14165.92	14201.50	0.23	ppb
Manganese	55-2	2085.28	2080.47	2085.05	2083.60	0.13	ppb
Molybdenum	94-1	15.17	15.48	15.27	15.31	1.02	ppb
Molybdenum	95-1	1.21	1.18	1.24	1.21	2.65	ppb
Molybdenum	96-1	3.22	3.33	3.26	3.27	1.84	ppb
Molybdenum	97-1	1.14	1.21	1.22	1.19	3.84	ppb
Molybdenum	98-1	1.15	1.19	1.20	1.18	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	326.16	326.04	326.33	326.18	0.05	ppb
Phosphorus	31-2	2409.35	2414.12	2403.22	2408.90	0.23	ppb
Potassium	39-2	7989.53	7970.04	7883.29	7947.62	0.71	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	59.38	60.25	59.66	59.77	0.74	ppb
Selenium	77-2	73.35	73.07	78.24	74.89	3.88	ppb
Selenium	78-2	59.99	61.01	60.86	60.62	0.91	ppb
Silicon	28-1	894.92	887.85	904.70	895.82	0.94	ppb
Silver	107-1	24.92	25.49	26.15	25.52	2.41	ppb
Silver	109-1	25.11	25.56	26.25	25.64	2.25	ppb
Sodium	23-2	207.89	208.69	210.52	209.03	0.65	ppb
Strontium	86-1	78.27	78.87	77.75	78.30	0.72	ppb
Strontium	88-1	77.64	78.76	77.27	77.89	1.00	ppb
Sulfur	34-1	-1061.83	-1134.99	-1102.38	-1099.73		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	28.25	29.49	29.75	29.16	2.75	ppb
Thallium	205-1	28.59	29.84	29.45	29.29	2.17	ppb
Tin	118-1	2.57	2.66	2.70	2.65	2.63	ppb
Titanium	47-1	1405.74	1404.66	1394.93	1401.78	0.42	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.20	1.18	1.18	1.59	ppb
Vanadium	51-2	458.97	462.03	463.77	461.59	0.53	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	623.00	628.37	624.86	625.41	0.44	ppb
Zirconium	90-1	8.56	8.63	8.57	8.58	0.45	ppb
Zirconium	91-1	8.49	8.84	8.67	8.67	2.01	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43472.65	43557.44	43998.70	43676.27	0.65	ppb
Antimony	121-1	281.80	289.15	283.93	284.96	1.33	ppb
Arsenic	75-2	215.75	218.37	218.88	217.67	0.77	ppb
Barium	135-1	5847.51	6047.57	5881.18	5925.42	1.81	ppb
Barium	137-1	5878.41	6026.75	5851.80	5918.99	1.59	ppb
Beryllium	9-1	155.38	154.99	158.46	156.27	1.22	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	127.77	131.37	130.90	130.01	1.51	ppb
Cadmium	106-1	125.10	129.42	126.68	127.07	1.72	ppb
Cadmium	111-1	140.33	146.06	141.96	142.79	2.07	ppb
Calcium	43-1	13740.77	14166.43	14005.82	13971.01	1.54	ppb
Calcium	44-1	12701.07	12970.60	12913.48	12861.72	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	605.47	620.42	618.34	614.74	1.32	ppb
Cobalt	59-2	1447.36	1458.06	1474.94	1460.12	0.95	ppb
Copper	63-2	780.98	786.26	784.26	783.83	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	103765.87	104461.93	104860.97	104362.92	0.53	ppb
Iron	57-2	101986.86	102511.36	103037.23	102511.81	0.51	ppb
Iron	54-2	102349.37	104215.63	104423.23	103662.74	1.10	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	124.38	127.98	128.64	127.00	1.81	ppb
Lead	207-1	126.89	130.23	129.47	128.86	1.36	ppb
Lead	208-1	133.04	135.60	135.75	134.80	1.13	ppb
Lithium	6-1				93		%
Magnesium	24-2	14005.69	14250.92	14073.73	14110.11	0.90	ppb
Manganese	55-2	3151.71	3156.97	3173.99	3160.89	0.37	ppb
Molybdenum	94-1	15.06	15.51	15.32	15.29	1.45	ppb
Molybdenum	95-1	1.20	1.22	1.25	1.22	1.79	ppb
Molybdenum	96-1	3.16	3.32	3.31	3.26	2.85	ppb
Molybdenum	97-1	1.21	1.22	1.23	1.22	0.92	ppb
Molybdenum	98-1	1.18	1.18	1.23	1.20	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1469.82	1470.74	1490.23	1476.93	0.78	ppb
Phosphorus	31-2	2402.83	2476.91	2411.99	2430.58	1.66	ppb
Potassium	39-2	7819.47	7907.06	7952.98	7893.17	0.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	290.88	298.63	295.91	295.14	1.33	ppb
Selenium	77-2	296.72	316.13	315.10	309.31	3.53	ppb
Selenium	78-2	286.54	292.24	291.37	290.05	1.06	ppb
Silicon	28-1	860.04	883.73	863.14	868.97	1.48	ppb
Silver	107-1	107.90	108.04	106.81	107.58	0.62	ppb
Silver	109-1	109.06	107.36	113.31	109.91	2.79	ppb
Sodium	23-2	211.86	212.20	217.78	213.95	1.55	ppb
Strontium	86-1	75.60	77.91	77.34	76.95	1.56	ppb
Strontium	88-1	75.67	77.57	76.69	76.64	1.24	ppb
Sulfur	34-1	-1085.34	-1062.88	-1128.42	-1092.21		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	127.08	129.82	131.98	129.63	1.89	ppb
Thallium	205-1	140.32	145.29	146.80	144.14	2.35	ppb
Tin	118-1	2.63	2.71	2.66	2.67	1.52	ppb
Titanium	47-1	1350.72	1376.04	1370.15	1365.64	0.97	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.19	1.19	1.17	3.05	ppb
Vanadium	51-2	1545.21	1561.07	1579.33	1561.87	1.09	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	1705.14	1729.93	1744.39	1726.49	1.15	ppb
Zirconium	90-1	8.26	8.51	8.40	8.39	1.45	ppb
Zirconium	91-1	8.26	8.72	8.58	8.52	2.73	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35500.53	35421.06	35586.75	35502.78	0.23	ppb
Antimony	121-1	1.36	1.39	1.39	1.38	1.09	ppb
Arsenic	75-2	72.84	72.24	73.12	72.73	0.61	ppb
Barium	135-1	298.56	306.65	304.93	303.38	1.40	ppb
Barium	137-1	302.62	314.45	317.61	311.56	2.54	ppb
Beryllium	9-1	1.68	1.61	1.65	1.65	2.11	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.43	1.37	1.35	1.39	2.94	ppb
Cadmium	106-1	2.44	2.55	2.23	2.41	6.88	ppb
Cadmium	111-1	0.87	0.90	0.87	0.88	1.65	ppb
Calcium	43-1	13280.95	13336.46	13282.67	13300.03	0.24	ppb
Calcium	44-1	12266.29	12326.40	12252.50	12281.73	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.73	45.82	45.95	45.83	0.24	ppb
Cobalt	59-2	31.57	31.93	32.06	31.85	0.79	ppb
Copper	63-2	84.67	85.51	84.58	84.92	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	84701.17	85856.52	85340.55	85299.42	0.68	ppb
Iron	57-2	83688.24	84139.61	83037.36	83621.74	0.66	ppb
Iron	54-2	84463.29	84949.87	83953.33	84455.50	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.79	48.44	49.24	48.49	1.49	ppb
Lead	207-1	48.90	50.03	50.02	49.65	1.31	ppb
Lead	208-1	48.21	48.69	49.04	48.65	0.85	ppb
Lithium	6-1				93		%
Magnesium	24-2	12956.08	12905.73	12869.99	12910.60	0.33	ppb
Manganese	55-2	1421.48	1450.71	1424.88	1432.36	1.12	ppb
Molybdenum	94-1	14.65	14.82	14.82	14.76	0.68	ppb
Molybdenum	95-1	0.85	0.90	0.91	0.89	3.27	ppb
Molybdenum	96-1	2.81	2.79	2.87	2.82	1.44	ppb
Molybdenum	97-1	0.90	0.88	0.90	0.89	1.27	ppb
Molybdenum	98-1	0.91	0.84	0.85	0.87	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.03	37.26	37.11	37.13	0.31	ppb
Phosphorus	31-2	2166.49	2184.99	2138.90	2163.46	1.07	ppb
Potassium	39-2	6915.88	6952.23	6911.55	6926.55	0.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	1.18	0.88	1.07	1.04	14.76	ppb
Selenium	77-2	15.88	13.36	14.87	14.70	8.62	ppb
Selenium	78-2	3.19	1.83	3.05	2.69	27.75	ppb
Silicon	28-1	858.09	856.31	850.34	854.91	0.47	ppb
Silver	107-1	0.32	0.27	0.24	0.28	15.06	ppb
Silver	109-1	0.32	0.27	0.25	0.28	13.61	ppb
Sodium	23-2	200.59	205.43	202.91	202.98	1.19	ppb
Strontium	86-1	68.96	69.32	69.79	69.36	0.60	ppb
Strontium	88-1	68.15	69.62	68.88	68.88	1.07	ppb
Sulfur	34-1	-981.45	-1059.37	-1172.52	-1071.12		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.26	0.28	0.26	8.62	ppb
Thallium	205-1	0.25	0.26	0.24	0.25	2.89	ppb
Tin	118-1	1.59	1.69	1.66	1.65	3.03	ppb
Titanium	47-1	1155.08	1176.50	1157.87	1163.15	1.00	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.85	0.90	0.87	2.30	ppb
Vanadium	51-2	151.27	153.34	152.38	152.33	0.68	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	254.41	257.89	257.66	256.65	0.76	ppb
Zirconium	90-1	8.29	8.22	8.36	8.29	0.88	ppb
Zirconium	91-1	8.28	8.30	8.45	8.34	1.09	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33630.90	33688.02	34190.86	33836.59	0.91	ppb
Antimony	121-1	0.96	0.96	0.94	0.95	1.17	ppb
Arsenic	75-2	45.13	44.94	45.27	45.12	0.37	ppb
Barium	135-1	282.88	282.46	279.08	281.47	0.74	ppb
Barium	137-1	286.22	285.85	284.98	285.68	0.22	ppb
Beryllium	9-1	1.40	1.50	1.56	1.49	5.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.85	1.05	1.48	1.13	28.88	ppb
Cadmium	106-1	2.48	2.16	2.85	2.49	13.83	ppb
Cadmium	111-1	0.55	0.54	0.53	0.54	1.61	ppb
Calcium	43-1	34979.66	35038.43	35174.15	35064.08	0.28	ppb
Calcium	44-1	34602.83	34917.48	35301.43	34940.58	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.18	52.35	52.33	52.28	0.17	ppb
Cobalt	59-2	37.04	36.95	36.97	36.99	0.12	ppb
Copper	63-2	78.84	78.89	78.96	78.90	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	78942.18	79051.96	79131.52	79041.89	0.12	ppb
Iron	57-2	78299.24	77339.41	76869.63	77502.76	0.94	ppb
Iron	54-2	77982.80	78495.76	78832.42	78436.99	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.47	35.02	34.52	34.34	2.31	ppb
Lead	207-1	32.40	33.16	33.28	32.94	1.46	ppb
Lead	208-1	32.63	33.67	33.41	33.24	1.61	ppb
Lithium	6-1				92		%
Magnesium	24-2	14598.89	14967.45	14751.02	14772.45	1.25	ppb
Manganese	55-2	1608.59	1617.57	1612.42	1612.86	0.28	ppb
Molybdenum	94-1	17.30	17.37	17.44	17.37	0.39	ppb
Molybdenum	95-1	1.06	1.04	1.04	1.04	0.92	ppb
Molybdenum	96-1	3.20	3.20	3.19	3.20	0.28	ppb
Molybdenum	97-1	1.05	1.04	0.99	1.03	3.01	ppb
Molybdenum	98-1	1.06	1.02	1.02	1.03	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.64	45.98	46.23	45.95	0.65	ppb
Phosphorus	31-2	2278.24	2283.13	2316.14	2292.50	0.90	ppb
Potassium	39-2	6040.73	6105.35	6112.00	6086.03	0.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	0.89	0.43	0.63	0.65	36.05	ppb
Selenium	77-2	16.11	18.86	17.40	17.46	7.86	ppb
Selenium	78-2	2.64	2.99	3.51	3.05	14.36	ppb
Silicon	28-1	909.41	929.59	925.26	921.42	1.15	ppb
Silver	107-1	0.15	0.15	0.14	0.15	3.19	ppb
Silver	109-1	0.13	0.13	0.15	0.14	4.98	ppb
Sodium	23-2	256.07	257.87	260.33	258.09	0.83	ppb
Strontium	86-1	69.59	69.23	69.59	69.47	0.30	ppb
Strontium	88-1	68.99	68.69	69.35	69.01	0.48	ppb
Sulfur	34-1	-857.62	-844.65	-859.65	-853.98		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.21	0.21	0.24	0.22	8.14	ppb
Thallium	205-1	0.21	0.22	0.22	0.22	2.45	ppb
Tin	118-1	1.60	1.70	1.65	1.65	3.17	ppb
Titanium	47-1	1146.75	1157.93	1150.04	1151.57	0.50	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.91	0.89	0.90	1.34	ppb
Vanadium	51-2	138.07	138.54	138.08	138.23	0.19	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	175.01	177.81	177.95	176.92	0.94	ppb
Zirconium	90-1	9.80	9.84	9.88	9.84	0.40	ppb
Zirconium	91-1	9.73	9.97	9.99	9.90	1.48	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40976.76	41057.28	41154.92	41062.99	0.22	ppb
Antimony	121-1	0.88	0.88	0.90	0.89	1.32	ppb
Arsenic	75-2	70.56	71.83	72.71	71.70	1.50	ppb
Barium	135-1	319.88	316.57	324.53	320.33	1.25	ppb
Barium	137-1	334.99	329.68	340.86	335.17	1.67	ppb
Beryllium	9-1	1.77	1.73	1.78	1.76	1.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.41	1.43	1.37	6.41	ppb
Cadmium	106-1	2.74	2.75	2.48	2.66	5.74	ppb
Cadmium	111-1	0.76	0.86	0.79	0.80	5.98	ppb
Calcium	43-1	14051.32	14239.95	14061.37	14117.54	0.75	ppb
Calcium	44-1	12976.95	13105.37	13066.24	13049.52	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.39	49.30	49.89	49.53	0.64	ppb
Cobalt	59-2	35.51	35.05	35.40	35.32	0.69	ppb
Copper	63-2	85.23	84.90	84.98	85.04	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				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	87680.40	87508.51	88125.66	87771.52	0.36	ppb
Iron	57-2	86102.89	85822.42	86355.97	86093.76	0.31	ppb
Iron	54-2	86916.45	86254.18	88300.33	87156.98	1.20	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.81	43.86	43.16	43.28	1.24	ppb
Lead	207-1	43.27	45.10	43.04	43.80	2.58	ppb
Lead	208-1	42.84	44.29	42.80	43.31	1.95	ppb
Lithium	6-1				92		%
Magnesium	24-2	14796.47	14933.83	15257.57	14995.96	1.58	ppb
Manganese	55-2	1381.62	1393.35	1408.63	1394.53	0.97	ppb
Molybdenum	94-1	19.24	19.00	19.22	19.15	0.70	ppb
Molybdenum	95-1	0.84	0.81	0.86	0.84	3.20	ppb
Molybdenum	96-1	3.24	3.22	3.23	3.23	0.33	ppb
Molybdenum	97-1	0.80	0.82	0.82	0.82	1.73	ppb
Molybdenum	98-1	0.83	0.81	0.84	0.83	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.27	40.99	40.06	40.44	1.21	ppb
Phosphorus	31-2	2198.12	2139.66	2135.58	2157.79	1.62	ppb
Potassium	39-2	6659.19	6605.54	6671.87	6645.53	0.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.09	1.04	0.88	0.67	75.73	ppb
Selenium	77-2	16.01	18.43	16.97	17.14	7.11	ppb
Selenium	78-2	2.20	3.53	3.18	2.97	23.29	ppb
Silicon	28-1	1049.09	1046.52	1050.57	1048.73	0.20	ppb
Silver	107-1	0.20	0.20	0.21	0.21	0.90	ppb
Silver	109-1	0.20	0.20	0.20	0.20	1.85	ppb
Sodium	23-2	222.70	221.55	224.19	222.81	0.59	ppb
Strontium	86-1	75.88	76.34	76.72	76.31	0.55	ppb
Strontium	88-1	76.26	75.71	76.45	76.14	0.51	ppb
Sulfur	34-1	-921.93	-1125.43	-1207.37	-1084.91		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.24	0.24	0.23	5.32	ppb
Thallium	205-1	0.22	0.24	0.23	0.23	3.34	ppb
Tin	118-1	1.85	1.80	1.83	1.82	1.29	ppb
Titanium	47-1	1231.25	1255.31	1275.08	1253.88	1.75	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.98	0.96	0.97	1.08	ppb
Vanadium	51-2	157.43	158.05	159.34	158.27	0.61	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	254.30	252.04	253.71	253.35	0.46	ppb
Zirconium	90-1	10.92	10.94	10.97	10.94	0.25	ppb
Zirconium	91-1	11.01	10.97	11.02	11.00	0.22	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26215.60	26295.68	26318.97	26276.75	0.21	ppb
Antimony	121-1	3.16	3.15	3.18	3.16	0.47	ppb
Arsenic	75-2	247.56	243.12	243.92	244.87	0.97	ppb
Barium	135-1	160.52	162.43	159.12	160.69	1.03	ppb
Barium	137-1	162.77	162.07	162.07	162.30	0.25	ppb
Beryllium	9-1	1.33	1.20	1.28	1.27	5.29	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.35	2.35	2.65	2.45	7.06	ppb
Cadmium	106-1	3.55	3.22	2.77	3.18	12.25	ppb
Cadmium	111-1	1.84	1.87	1.81	1.84	1.57	ppb
Calcium	43-1	7928.66	7986.62	8007.46	7974.25	0.51	ppb
Calcium	44-1	7356.27	7329.62	7254.26	7313.39	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.86	43.68	43.52	43.69	0.39	ppb
Cobalt	59-2	30.98	30.68	30.78	30.81	0.48	ppb
Copper	63-2	107.33	107.28	107.38	107.33	0.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	89271.86	88047.63	89053.83	88791.10	0.74	ppb
Iron	57-2	86235.17	86598.23	86819.51	86550.97	0.34	ppb
Iron	54-2	87760.70	88260.59	87539.79	87853.69	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	144.11	143.78	143.99	143.96	0.12	ppb
Lead	207-1	154.53	151.77	154.35	153.55	1.01	ppb
Lead	208-1	157.17	154.79	156.12	156.03	0.77	ppb
Lithium	6-1				91		%
Magnesium	24-2	9072.56	9034.31	8957.62	9021.50	0.65	ppb
Manganese	55-2	1021.65	1001.31	1016.72	1013.22	1.05	ppb
Molybdenum	94-1	15.85	16.09	16.32	16.09	1.45	ppb
Molybdenum	95-1	1.23	1.25	1.22	1.23	1.33	ppb
Molybdenum	96-1	3.29	3.21	3.25	3.25	1.19	ppb
Molybdenum	97-1	1.21	1.19	1.21	1.20	0.99	ppb
Molybdenum	98-1	1.21	1.23	1.25	1.23	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.90	29.67	29.98	29.85	0.53	ppb
Phosphorus	31-2	2165.59	2097.55	2152.79	2138.65	1.69	ppb
Potassium	39-2	6038.28	5958.94	6078.86	6025.36	1.01	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	1.62	1.34	1.52	1.49	9.47	ppb
Selenium	77-2	15.06	13.89	13.89	14.28	4.75	ppb
Selenium	78-2	2.25	3.73	2.61	2.86	26.95	ppb
Silicon	28-1	906.79	923.11	924.18	918.03	1.06	ppb
Silver	107-1	0.76	0.80	0.78	0.78	2.28	ppb
Silver	109-1	0.77	0.78	0.78	0.78	0.81	ppb
Sodium	23-2	204.46	204.12	206.51	205.03	0.63	ppb
Strontium	86-1	49.73	50.37	50.90	50.33	1.16	ppb
Strontium	88-1	50.13	50.04	50.40	50.19	0.37	ppb
Sulfur	34-1	-1047.43	-1119.97	-1155.79	-1107.73		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.26	0.27	0.26	2.98	ppb
Thallium	205-1	0.25	0.25	0.26	0.26	0.94	ppb
Tin	118-1	2.36	2.34	2.31	2.34	0.95	ppb
Titanium	47-1	1612.50	1636.41	1634.22	1627.71	0.81	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.98	1.00	0.98	1.64	ppb
Vanadium	51-2	177.89	176.22	176.73	176.95	0.48	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	497.84	500.63	500.75	499.74	0.33	ppb
Zirconium	90-1	8.88	9.00	9.03	8.97	0.88	ppb
Zirconium	91-1	8.66	8.84	9.00	8.84	1.89	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27140.90	26906.21	27201.71	27082.94	0.58	ppb
Antimony	121-1	1.30	1.27	1.32	1.30	1.93	ppb
Arsenic	75-2	87.22	86.20	86.44	86.62	0.61	ppb
Barium	135-1	299.17	295.28	296.30	296.92	0.68	ppb
Barium	137-1	301.41	301.45	299.46	300.77	0.38	ppb
Beryllium	9-1	1.39	1.39	1.37	1.38	0.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.45	1.50	1.46	2.25	ppb
Cadmium	106-1	1.74	1.58	0.96	1.43	28.80	ppb
Cadmium	111-1	1.13	1.10	1.04	1.09	4.29	ppb
Calcium	43-1	11700.70	11799.99	11855.78	11785.49	0.67	ppb
Calcium	44-1	10874.58	10979.70	10790.54	10881.61	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.99	36.58	36.60	36.72	0.63	ppb
Cobalt	59-2	32.10	32.01	32.22	32.11	0.33	ppb
Copper	63-2	86.19	86.01	86.33	86.18	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				108		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	74646.08	74104.30	74011.97	74254.11	0.46	ppb
Iron	57-2	73012.54	72967.03	72722.18	72900.59	0.21	ppb
Iron	54-2	73825.12	73414.48	73477.86	73572.48	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.71	60.55	60.56	60.61	0.15	ppb
Lead	207-1	63.10	63.30	63.39	63.26	0.23	ppb
Lead	208-1	61.81	61.29	61.51	61.54	0.42	ppb
Lithium	6-1				91		%
Magnesium	24-2	11183.45	11113.21	11187.69	11161.45	0.37	ppb
Manganese	55-2	1485.47	1473.81	1490.30	1483.19	0.57	ppb
Molybdenum	94-1	11.57	11.35	11.54	11.49	1.05	ppb
Molybdenum	95-1	1.00	1.01	1.00	1.01	0.59	ppb
Molybdenum	96-1	2.51	2.50	2.57	2.53	1.55	ppb
Molybdenum	97-1	1.06	1.00	0.99	1.02	3.96	ppb
Molybdenum	98-1	0.96	1.01	0.99	0.99	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.14	33.68	34.26	34.03	0.91	ppb
Phosphorus	31-2	2011.64	2066.30	2050.28	2042.74	1.38	ppb
Potassium	39-2	7697.24	7782.74	7780.93	7753.64	0.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.71	1.06	1.41	1.06	33.13	ppb
Selenium	77-2	17.17	15.62	15.82	16.20	5.22	ppb
Selenium	78-2	3.60	3.65	3.51	3.59	2.03	ppb
Silicon	28-1	939.90	946.33	942.52	942.92	0.34	ppb
Silver	107-1	0.36	0.37	0.34	0.36	3.31	ppb
Silver	109-1	0.33	0.37	0.33	0.34	6.36	ppb
Sodium	23-2	218.52	219.25	221.19	219.65	0.63	ppb
Strontium	86-1	60.37	60.16	61.34	60.62	1.03	ppb
Strontium	88-1	60.89	60.61	61.00	60.83	0.33	ppb
Sulfur	34-1	-859.31	-1001.99	-998.56	-953.28		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.23	0.25	0.25	0.24	6.13	ppb
Thallium	205-1	0.23	0.23	0.24	0.24	3.11	ppb
Tin	118-1	1.73	1.71	1.68	1.71	1.59	ppb
Titanium	47-1	1165.58	1162.28	1142.91	1156.92	1.06	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.91	0.91	0.91	0.24	ppb
Vanadium	51-2	127.05	126.67	127.08	126.94	0.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	320.38	317.06	317.10	318.18	0.60	ppb
Zirconium	90-1	6.35	6.38	6.43	6.39	0.62	ppb
Zirconium	91-1	6.37	6.36	6.64	6.46	2.43	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43407.25	43160.59	42994.65	43187.50	0.48	ppb
Antimony	121-1	0.91	0.89	0.89	0.90	1.25	ppb
Arsenic	75-2	68.33	69.18	68.83	68.78	0.62	ppb
Barium	135-1	361.99	368.08	360.40	363.49	1.11	ppb
Barium	137-1	381.99	387.92	377.69	382.53	1.34	ppb
Beryllium	9-1	1.83	1.90	1.84	1.86	2.12	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.76	1.32	1.55	1.54	14.26	ppb
Cadmium	106-1	2.96	2.85	2.09	2.63	17.91	ppb
Cadmium	111-1	0.85	0.85	0.82	0.84	2.02	ppb
Calcium	43-1	37177.81	38471.99	36883.13	37510.98	2.25	ppb
Calcium	44-1	37874.64	38227.08	37143.36	37748.36	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.92	74.50	75.64	75.35	1.00	ppb
Cobalt	59-2	39.37	38.74	38.74	38.95	0.93	ppb
Copper	63-2	96.82	94.90	96.22	95.98	1.02	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				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	83426.52	81745.10	83107.71	82759.78	1.08	ppb
Iron	57-2	81985.90	80866.51	81513.12	81455.18	0.69	ppb
Iron	54-2	82928.42	81754.06	82128.94	82270.47	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.13	49.46	48.16	48.58	1.57	ppb
Lead	207-1	48.27	49.57	48.79	48.88	1.35	ppb
Lead	208-1	47.93	48.89	48.17	48.33	1.03	ppb
Lithium	6-1				91		%
Magnesium	24-2	17309.91	17018.75	17056.37	17128.34	0.92	ppb
Manganese	55-2	1732.75	1697.39	1730.37	1720.17	1.15	ppb
Molybdenum	94-1	19.33	19.29	18.85	19.16	1.40	ppb
Molybdenum	95-1	0.93	0.99	0.92	0.95	3.72	ppb
Molybdenum	96-1	3.33	3.40	3.21	3.31	2.99	ppb
Molybdenum	97-1	0.92	0.97	0.90	0.93	4.13	ppb
Molybdenum	98-1	0.93	0.94	0.90	0.92	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.68	58.84	59.26	59.26	0.71	ppb
Phosphorus	31-2	2375.84	2368.96	2374.71	2373.17	0.16	ppb
Potassium	39-2	7221.08	7190.87	7198.72	7203.56	0.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	1.17	0.80	1.46	1.14	29.15	ppb
Selenium	77-2	21.60	24.33	20.78	22.24	8.36	ppb
Selenium	78-2	2.88	4.70	3.76	3.78	23.97	ppb
Silicon	28-1	1077.80	1090.10	1065.85	1077.92	1.12	ppb
Silver	107-1	0.26	0.27	0.28	0.27	2.87	ppb
Silver	109-1	0.26	0.27	0.27	0.26	2.01	ppb
Sodium	23-2	231.01	229.53	231.96	230.83	0.53	ppb
Strontium	86-1	82.61	84.11	81.04	82.59	1.85	ppb
Strontium	88-1	83.05	83.56	79.93	82.18	2.39	ppb
Sulfur	34-1	-779.05	-645.62	-795.11	-739.93		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.25	0.27	0.26	0.26	4.38	ppb
Thallium	205-1	0.25	0.26	0.27	0.26	3.02	ppb
Tin	118-1	1.89	1.88	1.85	1.87	1.14	ppb
Titanium	47-1	987.68	1009.49	990.43	995.87	1.19	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.14	1.12	1.12	2.40	ppb
Vanadium	51-2	142.02	139.86	141.64	141.18	0.82	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	255.64	251.30	252.88	253.27	0.87	ppb
Zirconium	90-1	11.02	11.08	10.75	10.95	1.59	ppb
Zirconium	91-1	11.00	11.13	10.77	10.97	1.65	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25037.52	24953.44	24707.58	24899.51	0.69	ppb
Antimony	121-1	1.34	1.40	1.38	1.37	2.26	ppb
Arsenic	75-2	53.60	54.65	53.29	53.85	1.32	ppb
Barium	135-1	214.60	219.08	220.89	218.19	1.48	ppb
Barium	137-1	216.16	224.24	224.59	221.66	2.15	ppb
Beryllium	9-1	1.33	1.37	1.32	1.34	1.75	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	1.03	1.34	1.09	20.40	ppb
Cadmium	106-1	2.90	2.15	1.86	2.30	23.35	ppb
Cadmium	111-1	0.46	0.40	0.36	0.41	12.09	ppb
Calcium	43-1	32823.45	33603.43	33725.21	33384.03	1.47	ppb
Calcium	44-1	30339.76	30914.36	31111.57	30788.56	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.05	46.03	45.75	45.94	0.36	ppb
Cobalt	59-2	42.88	42.66	42.89	42.81	0.29	ppb
Copper	63-2	74.57	74.51	74.30	74.46	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				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	94067.62	93678.99	94067.19	93937.93	0.24	ppb
Iron	57-2	92532.47	92236.40	92301.10	92356.66	0.17	ppb
Iron	54-2	92891.00	92874.84	92539.70	92768.51	0.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.07	26.95	26.64	26.55	1.67	ppb
Lead	207-1	25.22	25.61	25.38	25.40	0.77	ppb
Lead	208-1	25.27	25.96	25.50	25.58	1.37	ppb
Lithium	6-1				93		%
Magnesium	24-2	11318.23	11430.79	11332.82	11360.61	0.54	ppb
Manganese	55-2	1214.27	1207.83	1203.93	1208.67	0.43	ppb
Molybdenum	94-1	19.19	19.34	19.07	19.20	0.71	ppb
Molybdenum	95-1	1.19	1.21	1.24	1.21	2.08	ppb
Molybdenum	96-1	3.55	3.59	3.59	3.58	0.62	ppb
Molybdenum	97-1	1.21	1.25	1.20	1.22	2.15	ppb
Molybdenum	98-1	1.25	1.23	1.24	1.24	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.81	38.72	38.59	38.71	0.29	ppb
Phosphorus	31-2	2132.52	2153.86	2142.71	2143.03	0.50	ppb
Potassium	39-2	4157.08	4232.91	4207.48	4199.15	0.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	1.31	1.06	0.67	1.02	31.87	ppb
Selenium	77-2	14.26	15.16	13.75	14.39	4.96	ppb
Selenium	78-2	2.84	3.84	2.74	3.14	19.51	ppb
Silicon	28-1	862.67	886.78	886.85	878.77	1.59	ppb
Silver	107-1	0.06	0.06	0.06	0.06	3.95	ppb
Silver	109-1	0.05	0.05	0.05	0.05	0.49	ppb
Sodium	23-2	215.79	213.76	214.82	214.79	0.47	ppb
Strontium	86-1	67.55	67.93	68.46	67.98	0.67	ppb
Strontium	88-1	67.46	67.14	67.44	67.35	0.26	ppb
Sulfur	34-1	-801.81	-758.85	-773.58	-778.08		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.16	0.16	0.16	0.16	1.34	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	2.86	ppb
Tin	118-1	2.08	2.16	2.19	2.14	2.82	ppb
Titanium	47-1	1555.15	1596.85	1583.21	1578.40	1.35	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.89	0.88	0.83	ppb
Vanadium	51-2	194.82	195.43	195.95	195.40	0.29	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	146.49	146.36	146.87	146.57	0.18	ppb
Zirconium	90-1	10.78	10.82	10.90	10.83	0.56	ppb
Zirconium	91-1	10.79	10.80	10.82	10.81	0.16	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32729.75	32571.72	32835.37	32712.28	0.41	ppb
Antimony	121-1	1.30	1.32	1.38	1.34	3.08	ppb
Arsenic	75-2	64.50	65.46	62.88	64.28	2.03	ppb
Barium	135-1	263.33	273.56	271.48	269.46	2.01	ppb
Barium	137-1	265.62	274.07	275.64	271.78	1.98	ppb
Beryllium	9-1	1.59	1.58	1.56	1.58	1.15	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.28	1.33	1.35	5.25	ppb
Cadmium	106-1	2.97	2.14	2.17	2.43	19.45	ppb
Cadmium	111-1	0.75	0.68	0.65	0.69	7.15	ppb
Calcium	43-1	33218.42	33328.42	33653.15	33400.00	0.68	ppb
Calcium	44-1	30782.96	31015.71	30737.71	30845.46	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.59	57.95	58.37	58.30	0.56	ppb
Cobalt	59-2	40.29	40.13	40.53	40.32	0.50	ppb
Copper	63-2	80.95	80.85	81.23	81.01	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				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	92412.13	92107.84	92119.52	92213.16	0.19	ppb
Iron	57-2	90701.01	90321.53	90739.06	90587.20	0.25	ppb
Iron	54-2	91176.92	90376.14	90322.99	90625.35	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.23	45.08	44.89	44.73	1.00	ppb
Lead	207-1	44.58	44.95	44.49	44.67	0.54	ppb
Lead	208-1	43.79	44.64	44.01	44.15	1.00	ppb
Lithium	6-1				93		%
Magnesium	24-2	13360.66	13512.72	13510.28	13461.22	0.65	ppb
Manganese	55-2	1430.10	1431.43	1438.74	1433.42	0.32	ppb
Molybdenum	94-1	17.29	17.55	17.59	17.48	0.91	ppb
Molybdenum	95-1	1.10	1.07	1.10	1.09	1.85	ppb
Molybdenum	96-1	3.30	3.32	3.30	3.31	0.29	ppb
Molybdenum	97-1	1.05	1.05	1.04	1.05	0.46	ppb
Molybdenum	98-1	1.05	1.07	1.09	1.07	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.44	46.85	46.70	47.00	0.83	ppb
Phosphorus	31-2	2319.92	2318.04	2312.13	2316.70	0.18	ppb
Potassium	39-2	6095.12	6053.46	6091.53	6080.03	0.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	1.17	0.74	0.98	0.96	22.47	ppb
Selenium	77-2	20.34	18.82	16.99	18.72	8.96	ppb
Selenium	78-2	3.31	3.01	3.61	3.31	9.10	ppb
Silicon	28-1	1047.55	1043.44	1052.34	1047.78	0.42	ppb
Silver	107-1	0.17	0.17	0.18	0.17	1.74	ppb
Silver	109-1	0.17	0.19	0.18	0.18	3.73	ppb
Sodium	23-2	208.79	208.02	211.25	209.35	0.81	ppb
Strontium	86-1	63.92	65.34	65.64	64.96	1.42	ppb
Strontium	88-1	65.14	65.80	65.88	65.60	0.62	ppb
Sulfur	34-1	-263.49	-374.79	-428.70	-355.66		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.23	0.22	0.22	2.98	ppb
Thallium	205-1	0.21	0.22	0.21	0.21	3.69	ppb
Tin	118-1	1.53	1.59	1.59	1.57	2.28	ppb
Titanium	47-1	1250.16	1248.69	1252.99	1250.62	0.17	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.93	0.94	0.93	1.09	ppb
Vanadium	51-2	187.68	187.37	188.35	187.80	0.27	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	221.20	222.42	221.79	221.80	0.28	ppb
Zirconium	90-1	9.76	10.00	10.01	9.92	1.44	ppb
Zirconium	91-1	9.74	10.14	10.07	9.98	2.12	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35797.64	36392.27	36101.80	36097.24	0.82	ppb
Antimony	121-1	0.73	0.76	0.79	0.76	3.70	ppb
Arsenic	75-2	60.73	58.37	59.20	59.43	2.01	ppb
Barium	135-1	313.91	321.24	316.83	317.33	1.16	ppb
Barium	137-1	328.84	334.91	329.61	331.12	1.00	ppb
Beryllium	9-1	1.61	1.57	1.56	1.58	1.65	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.52	1.42	1.52	1.49	4.01	ppb
Cadmium	106-1	3.27	1.99	2.31	2.52	26.47	ppb
Cadmium	111-1	0.93	0.75	0.79	0.82	11.35	ppb
Calcium	43-1	14117.28	14268.06	14313.48	14232.94	0.72	ppb
Calcium	44-1	13090.26	13279.53	13002.48	13124.09	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.68	47.76	47.48	47.64	0.30	ppb
Cobalt	59-2	34.79	34.54	33.96	34.43	1.25	ppb
Copper	63-2	85.52	85.91	84.98	85.47	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				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	73054.86	72837.84	73445.87	73112.86	0.42	ppb
Iron	57-2	71749.33	72727.16	72471.86	72316.11	0.70	ppb
Iron	54-2	72834.43	71999.25	72412.24	72415.31	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.97	43.77	44.37	43.70	1.61	ppb
Lead	207-1	43.23	44.86	45.12	44.40	2.31	ppb
Lead	208-1	42.83	43.81	44.35	43.66	1.77	ppb
Lithium	6-1				94		%
Magnesium	24-2	13411.20	13678.03	13475.60	13521.61	1.03	ppb
Manganese	55-2	1568.21	1569.87	1576.93	1571.67	0.29	ppb
Molybdenum	94-1	16.24	16.07	16.27	16.19	0.66	ppb
Molybdenum	95-1	0.85	0.81	0.82	0.83	2.70	ppb
Molybdenum	96-1	2.86	2.85	2.87	2.86	0.40	ppb
Molybdenum	97-1	0.83	0.84	0.82	0.83	0.94	ppb
Molybdenum	98-1	0.82	0.84	0.87	0.84	3.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.82	42.66	42.90	42.79	0.29	ppb
Phosphorus	31-2	1721.58	1728.12	1716.66	1722.12	0.33	ppb
Potassium	39-2	8080.43	8178.74	8084.56	8114.58	0.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.73	0.94	0.35	0.67	44.68	ppb
Selenium	77-2	19.08	16.00	16.33	17.13	9.86	ppb
Selenium	78-2	3.80	2.91	4.18	3.63	18.00	ppb
Silicon	28-1	1079.75	1092.22	1060.41	1077.46	1.49	ppb
Silver	107-1	0.24	0.26	0.24	0.25	4.41	ppb
Silver	109-1	0.25	0.23	0.25	0.24	3.72	ppb
Sodium	23-2	208.68	211.05	211.76	210.50	0.77	ppb
Strontium	86-1	65.76	66.37	65.61	65.91	0.62	ppb
Strontium	88-1	65.63	66.22	66.12	65.99	0.48	ppb
Sulfur	34-1	-968.34	-1178.08	-1314.80	-1153.74		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.25	0.26	0.25	1.71	ppb
Thallium	205-1	0.25	0.26	0.28	0.26	5.58	ppb
Tin	118-1	2.38	2.40	2.38	2.39	0.55	ppb
Titanium	47-1	1205.99	1233.40	1219.13	1219.51	1.12	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.05	1.06	1.05	1.35	ppb
Vanadium	51-2	120.36	121.39	120.50	120.75	0.46	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	244.13	242.63	240.34	242.37	0.79	ppb
Zirconium	90-1	9.19	9.26	9.39	9.28	1.10	ppb
Zirconium	91-1	9.12	9.34	9.23	9.23	1.23	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48265.44	48117.21	47838.35	48073.67	0.45	ppb
Antimony	121-1	473.40	482.36	480.53	478.76	0.99	ppb
Arsenic	75-2	458.81	464.34	472.17	465.11	1.44	ppb
Barium	135-1	2420.98	2410.12	2445.09	2425.40	0.74	ppb
Barium	137-1	2432.66	2463.12	2447.60	2447.80	0.62	ppb
Beryllium	9-1	527.19	539.03	520.65	528.95	1.76	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	497.33	498.96	494.86	497.05	0.42	ppb
Cadmium	106-1	488.55	495.16	498.96	494.23	1.07	ppb
Cadmium	111-1	490.76	495.70	497.82	494.76	0.73	ppb
Calcium	43-1	243695.80	248254.56	247063.54	246337.97	0.96	ppb
Calcium	44-1	241464.31	244438.25	245243.50	243715.35	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.14	495.16	504.40	499.57	0.93	ppb
Cobalt	59-2	534.66	540.99	547.13	540.93	1.15	ppb
Copper	63-2	5206.50	5235.34	5267.13	5236.32	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	126724.86	127869.10	127966.33	127520.10	0.54	ppb
Iron	57-2	125262.66	126406.01	126370.37	126013.01	0.52	ppb
Iron	54-2	125365.84	125862.26	126890.98	126039.70	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2547.57	2522.80	2495.02	2521.80	1.04	ppb
Lead	207-1	2547.39	2538.50	2529.01	2538.30	0.36	ppb
Lead	208-1	2539.76	2522.59	2523.82	2528.73	0.38	ppb
Lithium	6-1				89		%
Magnesium	24-2	240888.68	242497.53	243355.84	242247.35	0.52	ppb
Manganese	55-2	4984.28	4953.56	4966.62	4968.15	0.31	ppb
Molybdenum	94-1	4912.96	4985.91	5065.67	4988.18	1.53	ppb
Molybdenum	95-1	4929.38	5018.65	5033.96	4994.00	1.13	ppb
Molybdenum	96-1	4942.94	4993.26	5043.34	4993.18	1.01	ppb
Molybdenum	97-1	4920.12	4998.18	5082.50	5000.27	1.62	ppb
Molybdenum	98-1	4942.23	5021.33	5065.80	5009.79	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.61	519.99	524.27	521.96	0.41	ppb
Phosphorus	31-2	9708.36	9740.73	9595.10	9681.40	0.79	ppb
Potassium	39-2	116163.88	117411.11	117911.80	117162.26	0.77	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	457.93	463.19	469.60	463.57	1.26	ppb
Selenium	77-2	464.60	455.19	456.34	458.71	1.12	ppb
Selenium	78-2	451.72	461.70	463.88	459.10	1.41	ppb
Silicon	28-1	649.02	658.73	663.99	657.25	1.16	ppb
Silver	107-1	460.60	464.40	466.87	463.96	0.68	ppb
Silver	109-1	460.89	458.57	465.86	461.78	0.81	ppb
Sodium	23-2	241779.55	244278.27	244150.92	243402.91	0.58	ppb
Strontium	86-1	12138.02	12206.19	12468.64	12270.95	1.42	ppb
Strontium	88-1	12203.74	12287.21	12525.30	12338.75	1.35	ppb
Sulfur	34-1	9440.72	9682.39	9550.01	9557.71	1.27	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	507.45	514.11	508.29	509.95	0.71	ppb
Thallium	205-1	508.96	512.25	496.11	505.78	1.69	ppb
Tin	118-1	475.40	479.60	477.89	477.63	0.44	ppb
Titanium	47-1	4868.17	4946.10	4984.19	4932.82	1.20	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.20	519.30	516.17	518.89	0.49	ppb
Vanadium	51-2	499.87	503.45	507.28	503.53	0.74	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	5090.07	5165.33	5236.54	5163.98	1.42	ppb
Zirconium	90-1	494.25	501.76	504.89	500.30	1.09	ppb
Zirconium	91-1	494.26	500.59	502.63	499.16	0.87	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.99	-1.98	-1.46	-1.81		ppb
Antimony	121-1	0.18	0.21	0.26	0.22	16.47	ppb
Arsenic	75-2	0.02	-0.01	0.01	0.01	192.02	ppb
Barium	135-1	0.02	0.02	0.01	0.02	50.69	ppb
Barium	137-1	0.03	0.05	0.04	0.04	26.75	ppb
Beryllium	9-1	0.02	0.06	0.01	0.03	82.64	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.13	0.00	0.03	285.63	ppb
Cadmium	106-1	-0.56	-0.59	-0.37	-0.50		ppb
Cadmium	111-1	-0.02	-0.04	-0.01	-0.02		ppb
Calcium	43-1	-2.33	11.67	1.04	3.46	211.26	ppb
Calcium	44-1	-6.22	2.29	-6.25	-3.39		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.06	-0.03	-0.05		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	65.15	ppb
Copper	63-2	0.10	0.12	0.13	0.12	12.10	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				102		%
Indium	115-2				105		%
Iron	56-2	1.71	2.06	2.40	2.06	16.72	ppb
Iron	57-2	-0.65	-0.24	0.77	-0.04		ppb
Iron	54-2	0.16	0.68	0.68	0.51	58.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.37	0.12	0.20	72.30	ppb
Lead	207-1	0.15	0.48	0.13	0.25	77.40	ppb
Lead	208-1	0.13	0.44	0.12	0.23	79.29	ppb
Lithium	6-1				94		%
Magnesium	24-2	4.63	4.87	5.89	5.13	13.01	ppb
Manganese	55-2	-0.08	-0.07	-0.04	-0.07		ppb
Molybdenum	94-1	0.32	0.33	0.34	0.33	3.72	ppb
Molybdenum	95-1	0.12	0.15	0.14	0.14	10.87	ppb
Molybdenum	96-1	0.14	0.17	0.15	0.15	10.89	ppb
Molybdenum	97-1	0.13	0.13	0.14	0.13	7.00	ppb
Molybdenum	98-1	0.13	0.14	0.15	0.14	6.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.07	-0.05		ppb
Phosphorus	31-2	-20.19	-17.38	-21.13	-19.57		ppb
Potassium	39-2	-0.10	-0.30	0.13	-0.09		ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.15	0.08	0.18	0.14	34.92	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	-0.60	0.32	-0.16		ppb
Silicon	28-1	-1.36	-1.33	-1.28	-1.32		ppb
Silver	107-1	0.03	0.02	0.03	0.03	10.26	ppb
Silver	109-1	0.02	0.02	0.03	0.03	15.09	ppb
Sodium	23-2	25.08	24.02	25.48	24.86	3.04	ppb
Strontium	86-1	0.14	0.24	0.15	0.17	30.46	ppb
Strontium	88-1	0.16	0.19	0.16	0.17	10.48	ppb
Sulfur	34-1	-265.37	-242.40	-227.35	-245.04		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.11	0.01	0.05	126.77	ppb
Thallium	205-1	0.03	0.10	0.01	0.05	103.84	ppb
Tin	118-1	0.02	0.00	0.03	0.02	87.67	ppb
Titanium	47-1	0.08	0.28	0.07	0.14	80.70	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.04	0.00	0.02	140.45	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	22.39	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	-0.67	-0.45	-0.49	-0.54		ppb
Zirconium	90-1	0.13	0.12	0.12	0.12	0.78	ppb
Zirconium	91-1	0.11	0.13	0.11	0.12	6.95	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41120.79	40984.87	41214.88	41106.85	0.28	ppb
Antimony	121-1	1.04	1.06	1.08	1.06	1.99	ppb
Arsenic	75-2	79.11	78.87	78.51	78.83	0.38	ppb
Barium	135-1	364.87	374.05	374.27	371.06	1.45	ppb
Barium	137-1	378.67	390.56	390.43	386.55	1.77	ppb
Beryllium	9-1	1.79	1.95	1.97	1.90	5.30	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.55	1.72	2.17	1.82	17.56	ppb
Cadmium	106-1	4.09	3.74	3.55	3.79	7.28	ppb
Cadmium	111-1	1.16	1.11	1.12	1.13	2.46	ppb
Calcium	43-1	14745.30	14851.01	14795.05	14797.12	0.36	ppb
Calcium	44-1	13756.23	13796.33	13557.41	13703.32	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.50	51.32	51.48	51.43	0.20	ppb
Cobalt	59-2	38.29	38.10	38.05	38.15	0.33	ppb
Copper	63-2	100.58	100.43	100.96	100.66	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	82646.17	83120.85	83601.87	83122.96	0.57	ppb
Iron	57-2	81572.66	81263.91	81449.16	81428.58	0.19	ppb
Iron	54-2	81967.77	82509.13	82903.37	82460.09	0.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.52	59.56	59.34	59.14	0.93	ppb
Lead	207-1	60.17	61.08	61.09	60.78	0.87	ppb
Lead	208-1	59.28	59.85	60.09	59.74	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	14702.60	14448.42	14557.21	14569.41	0.88	ppb
Manganese	55-2	1854.64	1871.91	1894.88	1873.81	1.08	ppb
Molybdenum	94-1	19.21	20.00	19.89	19.70	2.16	ppb
Molybdenum	95-1	0.97	1.00	1.04	1.00	3.35	ppb
Molybdenum	96-1	3.33	3.45	3.49	3.42	2.41	ppb
Molybdenum	97-1	1.03	0.99	1.05	1.03	3.06	ppb
Molybdenum	98-1	0.96	1.01	1.00	0.99	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.98	46.48	47.04	46.83	0.65	ppb
Phosphorus	31-2	1875.14	1843.21	1873.84	1864.06	0.97	ppb
Potassium	39-2	9672.15	9590.61	9613.13	9625.30	0.44	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	0.99	1.19	1.19	1.12	10.46	ppb
Selenium	77-2	19.73	20.65	18.48	19.62	5.55	ppb
Selenium	78-2	3.52	4.16	4.09	3.93	8.94	ppb
Silicon	28-1	1055.61	1049.83	1057.44	1054.29	0.38	ppb
Silver	107-1	0.43	0.40	0.39	0.41	4.60	ppb
Silver	109-1	0.39	0.38	0.36	0.38	3.54	ppb
Sodium	23-2	235.79	237.20	236.73	236.57	0.30	ppb
Strontium	86-1	75.61	77.99	77.49	77.03	1.63	ppb
Strontium	88-1	75.99	78.08	77.40	77.16	1.39	ppb
Sulfur	34-1	-465.91	-811.06	-971.90	-749.62		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.39	0.40	0.40	0.40	1.24	ppb
Thallium	205-1	0.39	0.39	0.38	0.39	0.67	ppb
Tin	118-1	1.94	2.04	2.04	2.01	2.82	ppb
Titanium	47-1	1400.54	1404.96	1411.14	1405.55	0.38	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.28	1.31	1.30	1.30	1.25	ppb
Vanadium	51-2	132.41	132.60	132.82	132.61	0.16	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	307.36	304.41	304.62	305.46	0.54	ppb
Zirconium	90-1	11.02	11.26	11.35	11.21	1.52	ppb
Zirconium	91-1	10.98	11.47	11.37	11.27	2.33	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30482.47	30679.35	30629.37	30597.06	0.33	ppb
Antimony	121-1	0.90	0.87	0.87	0.88	2.03	ppb
Arsenic	75-2	45.55	47.47	46.66	46.56	2.07	ppb
Barium	135-1	268.28	269.49	267.09	268.29	0.45	ppb
Barium	137-1	271.65	274.62	270.60	272.29	0.77	ppb
Beryllium	9-1	1.47	1.51	1.35	1.44	5.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	0.99	1.20	1.12	10.58	ppb
Cadmium	106-1	3.04	2.59	2.62	2.75	9.11	ppb
Cadmium	111-1	0.58	0.59	0.55	0.57	3.83	ppb
Calcium	43-1	40758.13	41315.94	40505.66	40859.91	1.01	ppb
Calcium	44-1	40721.33	41352.86	40926.45	41000.21	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.07	54.45	54.42	54.31	0.39	ppb
Cobalt	59-2	33.39	33.86	33.80	33.68	0.75	ppb
Copper	63-2	68.95	69.48	70.40	69.61	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				109		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	75124.62	75428.43	76500.15	75684.40	0.95	ppb
Iron	57-2	73678.04	75169.63	76379.22	75075.63	1.80	ppb
Iron	54-2	74294.95	75326.81	76046.30	75222.69	1.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.54	29.69	29.24	29.49	0.76	ppb
Lead	207-1	28.27	28.86	28.22	28.45	1.25	ppb
Lead	208-1	28.63	29.02	28.45	28.70	1.01	ppb
Lithium	6-1				93		%
Magnesium	24-2	13397.14	13480.22	13626.25	13501.20	0.86	ppb
Manganese	55-2	1399.24	1409.00	1415.26	1407.83	0.57	ppb
Molybdenum	94-1	13.93	14.17	14.06	14.05	0.85	ppb
Molybdenum	95-1	0.98	1.00	1.01	0.99	1.86	ppb
Molybdenum	96-1	2.79	2.76	2.77	2.77	0.56	ppb
Molybdenum	97-1	0.95	0.98	0.96	0.97	1.61	ppb
Molybdenum	98-1	0.97	0.95	0.98	0.97	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.64	45.46	45.88	45.32	1.39	ppb
Phosphorus	31-2	2823.90	2828.93	2835.79	2829.54	0.21	ppb
Potassium	39-2	7245.13	7262.46	7377.19	7294.92	0.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	1.22	0.70	1.25	1.06	28.93	ppb
Selenium	77-2	14.73	14.37	15.95	15.02	5.52	ppb
Selenium	78-2	2.19	3.40	2.52	2.70	23.14	ppb
Silicon	28-1	1009.37	1017.32	1012.12	1012.94	0.40	ppb
Silver	107-1	0.18	0.17	0.18	0.18	2.55	ppb
Silver	109-1	0.18	0.16	0.17	0.17	4.37	ppb
Sodium	23-2	238.98	242.09	249.49	243.52	2.22	ppb
Strontium	86-1	68.59	68.92	69.09	68.86	0.37	ppb
Strontium	88-1	69.32	69.35	69.88	69.52	0.45	ppb
Sulfur	34-1	-690.94	-660.14	-613.79	-654.96		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.23	0.20	0.22	7.49	ppb
Thallium	205-1	0.22	0.23	0.23	0.23	1.25	ppb
Tin	118-1	1.94	1.99	1.99	1.97	1.38	ppb
Titanium	47-1	1181.07	1189.97	1180.39	1183.81	0.45	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.88	0.88	0.92	ppb
Vanadium	51-2	135.05	135.55	136.41	135.67	0.51	ppb
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	174.89	173.98	177.61	175.49	1.08	ppb
Zirconium	90-1	7.93	8.02	8.05	8.00	0.81	ppb
Zirconium	91-1	7.84	8.06	8.10	8.00	1.76	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16894.16	17043.39	16835.25	16924.27	0.63	ppb
Antimony	121-1	0.58	0.62	0.64	0.61	4.66	ppb
Arsenic	75-2	51.46	50.77	50.00	50.74	1.44	ppb
Barium	135-1	53.52	55.18	55.28	54.66	1.81	ppb
Barium	137-1	54.08	56.07	55.63	55.26	1.89	ppb
Beryllium	9-1	0.25	0.28	0.30	0.28	7.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.82	1.49	1.38	1.56	14.68	ppb
Cadmium	106-1	1.87	1.98	1.45	1.77	15.81	ppb
Cadmium	111-1	0.89	0.91	0.89	0.90	1.70	ppb
Calcium	43-1	3221.52	3277.06	3252.12	3250.23	0.86	ppb
Calcium	44-1	2934.77	2993.31	2999.44	2975.84	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.21	56.92	56.71	56.95	0.44	ppb
Cobalt	59-2	34.69	35.08	35.05	34.94	0.62	ppb
Copper	63-2	161.04	160.11	160.02	160.39	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	41787.45	41307.81	41559.47	41551.57	0.58	ppb
Iron	57-2	40479.25	41181.57	40694.44	40785.09	0.88	ppb
Iron	54-2	41282.43	41260.37	40982.32	41175.04	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.46	35.60	35.63	35.56	0.26	ppb
Lead	207-1	35.07	35.64	35.92	35.54	1.22	ppb
Lead	208-1	35.14	35.21	35.60	35.32	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	10390.30	10379.34	10380.30	10383.32	0.06	ppb
Manganese	55-2	835.99	832.18	826.37	831.51	0.58	ppb
Molybdenum	94-1	4.07	4.05	4.10	4.07	0.65	ppb
Molybdenum	95-1	0.26	0.29	0.28	0.27	5.11	ppb
Molybdenum	96-1	0.95	0.97	0.93	0.95	2.05	ppb
Molybdenum	97-1	0.26	0.28	0.29	0.27	6.24	ppb
Molybdenum	98-1	0.27	0.30	0.29	0.29	4.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.91	42.31	42.04	42.09	0.49	ppb
Phosphorus	31-2	418.71	409.17	418.55	415.48	1.31	ppb
Potassium	39-2	1727.16	1724.30	1729.25	1726.91	0.14	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.60	0.70	0.30	0.53	39.18	ppb
Selenium	77-2	2.79	2.75	3.26	2.94	9.66	ppb
Selenium	78-2	0.46	1.04	-0.16	0.44	135.12	ppb
Silicon	28-1	227.61	231.40	231.95	230.32	1.03	ppb
Silver	107-1	0.22	0.22	0.23	0.22	3.76	ppb
Silver	109-1	0.22	0.22	0.22	0.22	1.65	ppb
Sodium	23-2	88.04	86.96	86.15	87.05	1.09	ppb
Strontium	86-1	16.19	16.47	16.17	16.28	1.01	ppb
Strontium	88-1	16.39	16.57	16.36	16.44	0.69	ppb
Sulfur	34-1	-1092.67	-1161.65	-1307.63	-1187.32		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.04	0.04	0.04	13.02	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.15	ppb
Tin	118-1	0.71	0.72	0.72	0.72	0.75	ppb
Titanium	47-1	521.02	530.21	525.95	525.72	0.87	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.16	0.17	0.16	4.55	ppb
Vanadium	51-2	95.65	95.24	95.42	95.44	0.22	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	116.18	115.53	115.58	115.76	0.31	ppb
Zirconium	90-1	2.24	2.34	2.27	2.28	2.20	ppb
Zirconium	91-1	2.29	2.33	2.33	2.32	0.97	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17047.82	17114.77	17116.84	17093.14	0.23	ppb
Antimony	121-1	0.60	0.63	0.64	0.62	3.56	ppb
Arsenic	75-2	52.08	50.92	49.97	50.99	2.08	ppb
Barium	135-1	54.86	55.29	55.31	55.15	0.46	ppb
Barium	137-1	56.05	56.38	55.90	56.11	0.44	ppb
Beryllium	9-1	0.29	0.29	0.26	0.28	7.31	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.59	1.47	1.64	1.57	5.77	ppb
Cadmium	106-1	2.84	1.92	1.62	2.13	29.77	ppb
Cadmium	111-1	0.97	0.93	0.89	0.93	4.17	ppb
Calcium	43-1	3212.66	3326.53	3277.85	3272.35	1.75	ppb
Calcium	44-1	2984.16	2996.56	3022.69	3001.14	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.31	57.55	57.48	57.45	0.22	ppb
Cobalt	59-2	35.06	35.25	35.54	35.29	0.69	ppb
Copper	63-2	162.99	162.27	162.44	162.57	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				109		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	42239.42	42083.54	42261.56	42194.84	0.23	ppb
Iron	57-2	41275.55	40940.99	41555.99	41257.51	0.75	ppb
Iron	54-2	41713.82	41428.08	41827.32	41656.41	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.52	35.70	36.60	35.94	1.60	ppb
Lead	207-1	36.27	36.03	36.76	36.35	1.03	ppb
Lead	208-1	35.72	35.82	36.20	35.91	0.70	ppb
Lithium	6-1				95		%
Magnesium	24-2	10509.65	10485.22	10517.86	10504.24	0.16	ppb
Manganese	55-2	841.51	833.91	851.31	842.24	1.04	ppb
Molybdenum	94-1	4.07	4.09	4.15	4.10	1.08	ppb
Molybdenum	95-1	0.30	0.29	0.28	0.29	3.88	ppb
Molybdenum	96-1	0.94	0.90	0.95	0.93	2.70	ppb
Molybdenum	97-1	0.30	0.27	0.30	0.29	5.93	ppb
Molybdenum	98-1	0.26	0.27	0.28	0.27	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.96	42.88	43.14	42.99	0.31	ppb
Phosphorus	31-2	433.14	417.09	425.79	425.34	1.89	ppb
Potassium	39-2	1746.96	1742.58	1747.57	1745.70	0.16	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.71	0.30	0.42	0.48	43.91	ppb
Selenium	77-2	2.28	2.45	2.27	2.33	4.22	ppb
Selenium	78-2	1.49	0.46	0.31	0.75	85.12	ppb
Silicon	28-1	228.76	233.41	235.01	232.39	1.40	ppb
Silver	107-1	0.21	0.22	0.23	0.22	4.46	ppb
Silver	109-1	0.23	0.23	0.23	0.23	0.55	ppb
Sodium	23-2	77.32	79.30	80.39	79.00	1.97	ppb
Strontium	86-1	16.63	16.69	16.80	16.71	0.52	ppb
Strontium	88-1	16.82	16.60	16.68	16.70	0.68	ppb
Sulfur	34-1	-1227.81	-1233.85	-1268.97	-1243.54		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.03	0.03	0.03	19.39	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	16.06	ppb
Tin	118-1	0.73	0.74	0.80	0.76	4.95	ppb
Titanium	47-1	520.72	531.85	531.16	527.91	1.18	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.17	0.17	0.59	ppb
Vanadium	51-2	96.41	96.92	96.16	96.50	0.40	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	114.20	114.78	115.12	114.70	0.41	ppb
Zirconium	90-1	2.27	2.23	2.29	2.26	1.39	ppb
Zirconium	91-1	2.28	2.16	2.33	2.26	3.87	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3831.06	3779.40	3794.13	3801.53	0.70	ppb
Antimony	121-1	0.14	0.14	0.14	0.14	3.16	ppb
Arsenic	75-2	10.74	10.52	11.08	10.78	2.61	ppb
Barium	135-1	11.20	11.19	12.02	11.47	4.14	ppb
Barium	137-1	11.57	11.44	11.87	11.63	1.87	ppb
Beryllium	9-1	0.07	0.04	0.05	0.05	22.52	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.40	0.33	0.28	0.34	17.21	ppb
Cadmium	106-1	0.97	1.03	-0.06	0.65	95.02	ppb
Cadmium	111-1	0.22	0.23	0.17	0.21	16.95	ppb
Calcium	43-1	685.90	696.18	701.98	694.69	1.17	ppb
Calcium	44-1	677.04	690.78	691.06	686.29	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.28	12.23	12.15	12.22	0.55	ppb
Cobalt	59-2	7.56	7.42	7.47	7.48	0.99	ppb
Copper	63-2	34.54	34.28	34.19	34.33	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				106		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	8982.92	8887.08	8920.44	8930.15	0.54	ppb
Iron	57-2	9462.62	9374.70	9418.58	9418.63	0.47	ppb
Iron	54-2	9040.52	9047.14	9103.15	9063.60	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.71	7.45	7.50	7.55	1.85	ppb
Lead	207-1	7.79	7.67	7.49	7.65	1.97	ppb
Lead	208-1	7.67	7.58	7.47	7.57	1.36	ppb
Lithium	6-1				94		%
Magnesium	24-2	2383.62	2349.22	2362.24	2365.03	0.73	ppb
Manganese	55-2	185.03	185.48	185.45	185.32	0.14	ppb
Molybdenum	94-1	0.83	0.82	0.88	0.84	3.92	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.06	9.16	ppb
Molybdenum	96-1	0.20	0.23	0.19	0.21	8.30	ppb
Molybdenum	97-1	0.07	0.07	0.06	0.07	4.97	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	10.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.02	9.28	9.01	9.10	1.65	ppb
Phosphorus	31-2	83.02	79.65	66.93	76.53	11.09	ppb
Potassium	39-2	371.28	369.18	369.42	369.96	0.31	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.23	0.28	0.19	0.24	18.67	ppb
Selenium	77-2	0.00	0.90	0.36	0.42	107.63	ppb
Selenium	78-2	1.34	0.70	0.03	0.69	94.29	ppb
Silicon	28-1	50.37	49.78	51.11	50.42	1.32	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.07	ppb
Silver	109-1	0.05	0.05	0.05	0.05	1.77	ppb
Sodium	23-2	35.92	36.11	33.92	35.32	3.44	ppb
Strontium	86-1	3.50	3.45	3.39	3.45	1.57	ppb
Strontium	88-1	3.54	3.53	3.49	3.52	0.69	ppb
Sulfur	34-1	-992.17	-1050.20	-1153.13	-1065.17		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.12	0.13	0.11	0.12	10.03	ppb
Titanium	47-1	111.79	112.82	111.78	112.13	0.53	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	10.78	ppb
Vanadium	51-2	20.52	20.48	20.58	20.53	0.25	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	24.22	23.91	24.50	24.21	1.21	ppb
Zirconium	90-1	0.48	0.49	0.48	0.48	1.25	ppb
Zirconium	91-1	0.45	0.47	0.48	0.47	3.98	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17212.30	17097.69	17446.26	17252.08	1.03	ppb
Antimony	121-1	15.01	15.14	15.65	15.26	2.23	ppb
Arsenic	75-2	56.70	55.96	56.20	56.29	0.67	ppb
Barium	135-1	351.66	351.32	360.77	354.58	1.51	ppb
Barium	137-1	367.41	369.85	379.50	372.25	1.72	ppb
Beryllium	9-1	8.77	9.10	9.43	9.10	3.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.43	8.34	8.31	8.36	0.76	ppb
Cadmium	106-1	8.89	7.88	8.12	8.30	6.38	ppb
Cadmium	111-1	8.27	8.25	8.39	8.31	0.86	ppb
Calcium	43-1	3204.45	3246.44	3231.80	3227.56	0.66	ppb
Calcium	44-1	2951.67	3008.98	3031.04	2997.23	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.38	90.09	91.39	90.62	0.75	ppb
Cobalt	59-2	117.06	117.67	117.67	117.47	0.30	ppb
Copper	63-2	198.29	197.95	199.30	198.51	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	41472.39	41390.31	41640.12	41500.94	0.31	ppb
Iron	57-2	41049.44	40692.13	40931.02	40890.87	0.45	ppb
Iron	54-2	41106.94	41351.23	41397.74	41285.30	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.09	38.00	38.27	38.12	0.36	ppb
Lead	207-1	37.63	38.10	37.98	37.90	0.63	ppb
Lead	208-1	37.79	37.72	37.76	37.76	0.10	ppb
Lithium	6-1				93		%
Magnesium	24-2	10352.17	10289.53	10531.17	10390.96	1.21	ppb
Manganese	55-2	905.85	907.38	904.08	905.77	0.18	ppb
Molybdenum	94-1	3.89	4.02	4.08	4.00	2.48	ppb
Molybdenum	95-1	0.28	0.31	0.27	0.29	6.89	ppb
Molybdenum	96-1	0.89	0.92	0.91	0.91	1.72	ppb
Molybdenum	97-1	0.27	0.29	0.27	0.28	3.52	ppb
Molybdenum	98-1	0.26	0.29	0.29	0.28	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.93	123.40	124.52	123.95	0.45	ppb
Phosphorus	31-2	415.31	423.19	423.45	420.65	1.10	ppb
Potassium	39-2	1710.94	1715.47	1729.59	1718.66	0.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	18.77	20.77	19.81	19.78	5.04	ppb
Selenium	77-2	17.55	20.14	17.48	18.39	8.25	ppb
Selenium	78-2	21.31	16.37	19.69	19.12	13.17	ppb
Silicon	28-1	200.45	204.83	209.18	204.82	2.13	ppb
Silver	107-1	6.99	7.16	7.33	7.16	2.38	ppb
Silver	109-1	7.04	7.03	7.30	7.13	2.12	ppb
Sodium	23-2	69.36	70.18	72.07	70.54	1.97	ppb
Strontium	86-1	16.10	16.79	16.51	16.47	2.12	ppb
Strontium	88-1	16.12	16.68	16.55	16.45	1.79	ppb
Sulfur	34-1	-1076.59	-1161.36	-1169.50	-1135.82		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	6.56	6.70	6.49	6.58	1.61	ppb
Thallium	205-1	6.58	6.69	6.61	6.63	0.87	ppb
Tin	118-1	0.72	0.73	0.73	0.72	0.97	ppb
Titanium	47-1	515.37	530.24	526.02	523.88	1.46	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.16	0.17	3.66	ppb
Vanadium	51-2	175.93	175.93	177.84	176.56	0.62	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	195.66	194.66	195.56	195.29	0.28	ppb
Zirconium	90-1	2.17	2.26	2.22	2.22	2.06	ppb
Zirconium	91-1	2.18	2.18	2.23	2.20	1.25	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17415.91	17323.95	17339.34	17359.73	0.28	ppb
Antimony	121-1	64.53	64.86	64.26	64.55	0.47	ppb
Arsenic	75-2	75.86	74.51	74.16	74.85	1.20	ppb
Barium	135-1	1404.46	1418.11	1404.23	1408.94	0.56	ppb
Barium	137-1	1413.61	1430.73	1408.20	1417.51	0.83	ppb
Beryllium	9-1	36.67	37.46	38.07	37.40	1.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	30.98	33.31	31.73	32.01	3.71	ppb
Cadmium	106-1	30.94	32.76	31.06	31.59	3.22	ppb
Cadmium	111-1	35.15	35.77	34.95	35.29	1.21	ppb
Calcium	43-1	3083.83	3093.64	3126.29	3101.25	0.72	ppb
Calcium	44-1	2857.64	2880.95	2878.66	2872.42	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	199.96	200.77	199.33	200.02	0.36	ppb
Cobalt	59-2	388.43	388.59	384.68	387.23	0.57	ppb
Copper	63-2	322.32	320.29	319.18	320.60	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	41106.69	40516.21	40928.52	40850.47	0.74	ppb
Iron	57-2	39954.41	40075.01	40085.04	40038.15	0.18	ppb
Iron	54-2	40748.61	40220.41	40519.91	40496.31	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.96	45.97	45.67	45.87	0.37	ppb
Lead	207-1	46.02	46.08	45.48	45.86	0.72	ppb
Lead	208-1	45.97	45.83	45.42	45.74	0.63	ppb
Lithium	6-1				95		%
Magnesium	24-2	10045.35	10014.61	10088.05	10049.34	0.37	ppb
Manganese	55-2	1145.65	1123.97	1143.43	1137.68	1.05	ppb
Molybdenum	94-1	4.00	3.98	3.97	3.98	0.45	ppb
Molybdenum	95-1	0.28	0.27	0.30	0.29	5.65	ppb
Molybdenum	96-1	0.87	0.92	0.88	0.89	3.35	ppb
Molybdenum	97-1	0.27	0.25	0.27	0.26	3.42	ppb
Molybdenum	98-1	0.29	0.28	0.29	0.29	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	396.66	394.77	395.07	395.50	0.26	ppb
Phosphorus	31-2	409.61	409.79	414.04	411.15	0.61	ppb
Potassium	39-2	1669.79	1669.33	1666.04	1668.38	0.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	74.24	75.44	76.92	75.53	1.78	ppb
Selenium	77-2	78.40	71.23	75.26	74.96	4.79	ppb
Selenium	78-2	72.43	71.68	72.36	72.16	0.57	ppb
Silicon	28-1	198.58	200.63	203.05	200.76	1.12	ppb
Silver	107-1	25.67	25.88	25.60	25.72	0.57	ppb
Silver	109-1	25.81	25.98	25.91	25.90	0.32	ppb
Sodium	23-2	67.92	67.28	67.10	67.43	0.64	ppb
Strontium	86-1	15.46	16.04	16.09	15.86	2.20	ppb
Strontium	88-1	15.73	15.84	16.15	15.91	1.39	ppb
Sulfur	34-1	-1110.35	-1232.24	-1212.22	-1184.94		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	30.84	30.52	30.45	30.60	0.67	ppb
Thallium	205-1	30.33	30.43	30.20	30.32	0.38	ppb
Tin	118-1	0.68	0.70	0.68	0.69	2.06	ppb
Titanium	47-1	508.41	507.18	512.64	509.41	0.56	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.15	0.16	0.16	4.44	ppb
Vanadium	51-2	427.49	435.50	428.25	430.42	1.03	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	468.34	466.27	464.71	466.44	0.39	ppb
Zirconium	90-1	2.14	2.17	2.15	2.15	0.56	ppb
Zirconium	91-1	2.27	2.18	2.26	2.24	2.16	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10164.26	10220.28	10166.28	10183.61	0.31	ppb
Antimony	121-1	0.41	0.42	0.42	0.42	0.95	ppb
Arsenic	75-2	29.96	30.47	29.91	30.11	1.03	ppb
Barium	135-1	91.70	93.65	93.73	93.03	1.24	ppb
Barium	137-1	93.87	94.73	94.43	94.34	0.46	ppb
Beryllium	9-1	0.51	0.45	0.43	0.46	9.13	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.34	0.44	0.40	0.39	12.34	ppb
Cadmium	106-1	0.55	1.52	0.05	0.71	106.41	ppb
Cadmium	111-1	0.27	0.37	0.29	0.31	16.76	ppb
Calcium	43-1	3615.87	3639.12	3677.91	3644.30	0.86	ppb
Calcium	44-1	3320.69	3414.11	3402.92	3379.24	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.85	13.86	13.90	13.87	0.20	ppb
Cobalt	59-2	10.82	10.85	10.88	10.85	0.28	ppb
Copper	63-2	26.87	27.07	27.16	27.03	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				108		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	26479.61	26327.51	26116.86	26308.00	0.69	ppb
Iron	57-2	26284.40	25791.15	25729.93	25935.16	1.17	ppb
Iron	54-2	26073.73	26273.53	25836.52	26061.26	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.95	18.89	18.63	18.82	0.92	ppb
Lead	207-1	19.60	19.74	19.30	19.55	1.14	ppb
Lead	208-1	19.10	19.23	18.81	19.05	1.12	ppb
Lithium	6-1				96		%
Magnesium	24-2	3687.24	3629.16	3662.47	3659.62	0.80	ppb
Manganese	55-2	474.30	478.19	472.76	475.08	0.59	ppb
Molybdenum	94-1	3.96	3.96	4.05	3.99	1.31	ppb
Molybdenum	95-1	0.30	0.31	0.32	0.31	3.23	ppb
Molybdenum	96-1	0.86	0.84	0.84	0.85	1.69	ppb
Molybdenum	97-1	0.29	0.29	0.30	0.29	1.82	ppb
Molybdenum	98-1	0.30	0.30	0.33	0.31	5.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.15	10.88	10.92	10.98	1.30	ppb
Phosphorus	31-2	622.71	632.11	615.90	623.58	1.31	ppb
Potassium	39-2	2097.27	2076.84	2064.91	2079.67	0.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.20	0.42	0.53	0.39	44.16	ppb
Selenium	77-2	6.45	6.27	4.99	5.90	13.47	ppb
Selenium	78-2	0.08	0.84	0.48	0.47	80.37	ppb
Silicon	28-1	224.72	227.57	226.13	226.14	0.63	ppb
Silver	107-1	0.15	0.16	0.13	0.15	11.01	ppb
Silver	109-1	0.16	0.13	0.12	0.14	13.75	ppb
Sodium	23-2	68.38	70.20	70.13	69.57	1.48	ppb
Strontium	86-1	20.38	20.47	20.51	20.45	0.34	ppb
Strontium	88-1	20.33	20.42	20.62	20.45	0.72	ppb
Sulfur	34-1	-1041.72	-1061.57	-1124.90	-1076.06		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.07	0.06	0.06	2.54	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.28	ppb
Tin	118-1	0.65	0.69	0.67	0.67	2.68	ppb
Titanium	47-1	365.25	369.45	371.62	368.78	0.88	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.29	0.29	0.28	0.29	2.19	ppb
Vanadium	51-2	49.25	49.54	49.02	49.27	0.53	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	90.76	90.67	91.87	91.10	0.73	ppb
Zirconium	90-1	2.21	2.20	2.22	2.21	0.47	ppb
Zirconium	91-1	2.21	2.26	2.22	2.23	1.14	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10214.04	10323.15	10199.87	10245.69	0.66	ppb
Antimony	121-1	0.42	0.45	0.40	0.43	5.66	ppb
Arsenic	75-2	30.40	29.46	30.74	30.20	2.19	ppb
Barium	135-1	90.82	91.95	91.76	91.51	0.66	ppb
Barium	137-1	92.96	93.37	92.77	93.03	0.33	ppb
Beryllium	9-1	0.38	0.40	0.42	0.40	4.22	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.59	0.19	0.41	0.40	50.72	ppb
Cadmium	106-1	1.25	1.18	0.74	1.06	26.38	ppb
Cadmium	111-1	0.34	0.36	0.28	0.33	12.21	ppb
Calcium	43-1	3606.45	3707.60	3698.69	3670.91	1.53	ppb
Calcium	44-1	3443.29	3382.74	3336.44	3387.49	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.91	13.83	13.75	13.83	0.58	ppb
Cobalt	59-2	10.90	10.88	10.94	10.91	0.30	ppb
Copper	63-2	26.98	26.86	26.85	26.90	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				109		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	26505.32	26282.56	26340.98	26376.29	0.44	ppb
Iron	57-2	25917.40	25827.00	26081.48	25941.96	0.50	ppb
Iron	54-2	26468.08	26052.02	26367.70	26295.93	0.83	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.27	18.79	18.91	18.66	1.82	ppb
Lead	207-1	19.05	19.66	19.48	19.40	1.62	ppb
Lead	208-1	18.48	19.00	19.12	18.87	1.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	3712.11	3737.89	3720.53	3723.51	0.35	ppb
Manganese	55-2	472.34	474.90	471.32	472.85	0.39	ppb
Molybdenum	94-1	4.07	4.07	4.14	4.09	1.06	ppb
Molybdenum	95-1	0.29	0.31	0.36	0.32	10.33	ppb
Molybdenum	96-1	0.85	0.89	0.88	0.87	2.67	ppb
Molybdenum	97-1	0.31	0.31	0.32	0.31	1.70	ppb
Molybdenum	98-1	0.30	0.33	0.34	0.32	5.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.13	11.21	10.99	11.11	1.02	ppb
Phosphorus	31-2	613.55	636.00	645.94	631.83	2.63	ppb
Potassium	39-2	2048.58	2065.51	2109.14	2074.41	1.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.48	0.51	0.50	0.50	2.61	ppb
Selenium	77-2	5.21	5.47	5.05	5.25	4.06	ppb
Selenium	78-2	0.74	0.10	0.08	0.31	122.06	ppb
Silicon	28-1	232.24	237.83	234.02	234.69	1.22	ppb
Silver	107-1	0.11	0.11	0.11	0.11	2.93	ppb
Silver	109-1	0.10	0.11	0.11	0.11	4.48	ppb
Sodium	23-2	69.07	70.65	71.47	70.40	1.73	ppb
Strontium	86-1	20.02	20.75	20.75	20.51	2.07	ppb
Strontium	88-1	20.58	20.89	20.91	20.79	0.88	ppb
Sulfur	34-1	-1152.03	-1200.41	-1251.59	-1201.34		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.05	0.05	0.05	11.77	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	2.56	ppb
Tin	118-1	0.60	0.63	0.63	0.62	3.02	ppb
Titanium	47-1	373.43	381.15	377.19	377.26	1.02	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.28	0.29	0.29	0.29	2.49	ppb
Vanadium	51-2	48.80	49.15	49.03	48.99	0.36	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	90.26	90.06	90.60	90.31	0.30	ppb
Zirconium	90-1	2.24	2.26	2.27	2.26	0.62	ppb
Zirconium	91-1	2.14	2.28	2.27	2.23	3.53	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2170.93	2157.36	2177.39	2168.56	0.47	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	1.35	ppb
Arsenic	75-2	6.03	6.18	6.27	6.16	1.99	ppb
Barium	135-1	18.23	18.19	18.96	18.46	2.32	ppb
Barium	137-1	18.71	19.00	18.51	18.74	1.31	ppb
Beryllium	9-1	0.09	0.08	0.09	0.09	7.82	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.03	0.01	0.02	39.00	ppb
Cadmium	106-1	0.38	-0.25	-0.59	-0.15		ppb
Cadmium	111-1	0.07	0.03	0.01	0.04	89.64	ppb
Calcium	43-1	735.99	748.27	729.56	737.94	1.29	ppb
Calcium	44-1	722.39	742.14	726.88	730.47	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.90	2.75	2.81	2.82	2.71	ppb
Cobalt	59-2	2.25	2.27	2.23	2.25	0.76	ppb
Copper	63-2	5.48	5.46	5.53	5.49	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	5447.39	5408.56	5424.81	5426.92	0.36	ppb
Iron	57-2	5708.26	5700.80	5725.98	5711.68	0.23	ppb
Iron	54-2	5733.85	5705.49	5741.49	5726.94	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.77	3.61	3.81	3.73	2.86	ppb
Lead	207-1	3.99	4.01	3.80	3.93	3.02	ppb
Lead	208-1	3.84	3.81	3.75	3.80	1.28	ppb
Lithium	6-1				96		%
Magnesium	24-2	789.75	786.95	798.05	791.58	0.73	ppb
Manganese	55-2	100.38	99.28	101.15	100.27	0.94	ppb
Molybdenum	94-1	0.79	0.84	0.79	0.81	3.20	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	10.99	ppb
Molybdenum	96-1	0.17	0.19	0.18	0.18	4.17	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.05	4.92	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	4.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.20	2.16	2.20	2.19	1.02	ppb
Phosphorus	31-2	110.89	108.45	118.30	112.54	4.56	ppb
Potassium	39-2	454.47	454.85	457.58	455.63	0.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.59	0.58	0.59	0.59	1.18	ppb
Selenium	77-2	0.54	0.91	1.29	0.91	40.83	ppb
Selenium	78-2	-0.26	-0.57	-0.42	-0.42		ppb
Silicon	28-1	45.61	48.37	47.15	47.04	2.95	ppb
Silver	107-1	0.02	0.02	0.02	0.02	1.98	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.61	ppb
Sodium	23-2	32.83	30.96	30.56	31.45	3.86	ppb
Strontium	86-1	4.21	4.18	4.02	4.14	2.42	ppb
Strontium	88-1	4.20	4.28	4.13	4.21	1.75	ppb
Sulfur	34-1	-1216.00	-1137.41	-1244.86	-1199.42		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.10	0.11	0.11	0.11	6.74	ppb
Titanium	47-1	74.34	76.53	76.26	75.71	1.58	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.06	0.06	4.74	ppb
Vanadium	51-2	10.04	9.95	9.96	9.99	0.51	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	18.57	18.18	18.35	18.37	1.07	ppb
Zirconium	90-1	0.46	0.47	0.44	0.45	2.98	ppb
Zirconium	91-1	0.44	0.44	0.42	0.43	2.37	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15706.36	15630.27	15429.26	15588.63	0.92	ppb
Antimony	121-1	23.91	24.05	24.24	24.07	0.70	ppb
Arsenic	75-2	52.94	53.37	54.20	53.50	1.20	ppb
Barium	135-1	554.91	561.52	568.79	561.74	1.24	ppb
Barium	137-1	558.51	559.99	563.48	560.66	0.46	ppb
Beryllium	9-1	12.00	11.95	12.04	12.00	0.39	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.99	11.09	11.89	11.32	4.34	ppb
Cadmium	106-1	12.10	11.75	12.04	11.96	1.55	ppb
Cadmium	111-1	12.15	12.43	12.46	12.35	1.42	ppb
Calcium	43-1	5381.13	5454.11	5555.88	5463.70	1.61	ppb
Calcium	44-1	4959.35	5071.72	5106.63	5045.90	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.96	64.57	64.93	64.82	0.33	ppb
Cobalt	59-2	128.27	126.78	127.62	127.56	0.58	ppb
Copper	63-2	93.52	92.80	93.04	93.12	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				108		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	39367.62	39109.62	39720.75	39399.33	0.78	ppb
Iron	57-2	38943.09	38576.49	38658.21	38725.93	0.50	ppb
Iron	54-2	39023.10	38892.84	38853.83	38923.26	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.63	32.92	32.07	32.21	2.04	ppb
Lead	207-1	32.58	33.68	32.89	33.05	1.72	ppb
Lead	208-1	31.96	33.21	32.24	32.47	2.03	ppb
Lithium	6-1				96		%
Magnesium	24-2	5546.08	5514.99	5485.41	5515.49	0.55	ppb
Manganese	55-2	808.14	808.77	804.94	807.28	0.25	ppb
Molybdenum	94-1	5.80	6.07	6.01	5.96	2.34	ppb
Molybdenum	95-1	0.46	0.46	0.46	0.46	0.56	ppb
Molybdenum	96-1	1.26	1.21	1.32	1.26	4.47	ppb
Molybdenum	97-1	0.45	0.46	0.43	0.45	3.13	ppb
Molybdenum	98-1	0.45	0.49	0.45	0.47	5.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.97	126.65	127.36	126.99	0.28	ppb
Phosphorus	31-2	957.76	936.44	967.21	953.80	1.65	ppb
Potassium	39-2	3109.19	3052.77	3083.53	3081.83	0.92	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	23.37	23.92	22.95	23.41	2.06	ppb
Selenium	77-2	27.75	33.82	29.20	30.26	10.47	ppb
Selenium	78-2	22.58	21.98	23.49	22.68	3.35	ppb
Silicon	28-1	345.41	343.51	351.82	346.91	1.25	ppb
Silver	107-1	9.27	9.44	9.49	9.40	1.20	ppb
Silver	109-1	9.24	9.41	9.58	9.41	1.80	ppb
Sodium	23-2	89.07	91.36	91.40	90.61	1.48	ppb
Strontium	86-1	30.23	30.82	30.62	30.55	0.98	ppb
Strontium	88-1	30.43	30.80	30.88	30.71	0.78	ppb
Sulfur	34-1	-1094.36	-1136.39	-1086.09	-1105.61		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	10.44	10.89	10.74	10.69	2.18	ppb
Thallium	205-1	10.44	10.95	10.69	10.69	2.37	ppb
Tin	118-1	0.96	0.98	0.96	0.97	1.16	ppb
Titanium	47-1	550.03	559.33	570.49	559.95	1.83	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.43	0.44	0.43	0.43	1.04	ppb
Vanadium	51-2	184.00	183.70	182.75	183.48	0.35	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	246.76	245.11	245.70	245.86	0.34	ppb
Zirconium	90-1	3.27	3.32	3.36	3.32	1.37	ppb
Zirconium	91-1	3.29	3.34	3.35	3.33	0.90	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11937.37	11945.87	12065.54	11982.93	0.60	ppb
Antimony	121-1	83.59	73.44	74.77	77.27	7.14	ppb
Arsenic	75-2	59.14	59.91	61.27	60.11	1.80	ppb
Barium	135-1	1740.07	1540.25	1550.31	1610.21	6.99	ppb
Barium	137-1	1752.71	1533.09	1550.39	1612.06	7.57	ppb
Beryllium	9-1	44.46	38.97	40.40	41.28	6.90	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	40.05	33.94	33.32	35.77	10.40	ppb
Cadmium	106-1	37.92	33.34	33.41	34.89	7.52	ppb
Cadmium	111-1	42.75	37.58	38.42	39.58	7.01	ppb
Calcium	43-1	4294.37	3802.05	3779.88	3958.77	7.35	ppb
Calcium	44-1	3877.17	3511.84	3557.34	3648.78	5.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.05	171.61	172.24	171.30	0.66	ppb
Cobalt	59-2	394.47	397.04	399.68	397.06	0.66	ppb
Copper	63-2	212.04	214.43	214.78	213.75	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	27874.58	28093.23	28329.17	28098.99	0.81	ppb
Iron	57-2	27763.21	27490.25	27897.71	27717.06	0.75	ppb
Iron	54-2	28395.43	28325.25	27936.12	28218.93	0.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	38.63	33.35	33.00	34.99	9.01	ppb
Lead	207-1	38.89	34.23	33.04	35.39	8.75	ppb
Lead	208-1	38.30	33.62	32.95	34.96	8.34	ppb
Lithium	6-1				93		%
Magnesium	24-2	3837.60	3862.34	3826.06	3842.00	0.48	ppb
Manganese	55-2	864.39	851.53	867.32	861.08	0.98	ppb
Molybdenum	94-1	4.72	4.13	4.13	4.33	7.93	ppb
Molybdenum	95-1	0.36	0.33	0.32	0.34	7.08	ppb
Molybdenum	96-1	0.99	0.89	0.87	0.92	7.10	ppb
Molybdenum	97-1	0.38	0.36	0.32	0.35	9.67	ppb
Molybdenum	98-1	0.39	0.32	0.33	0.35	10.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	396.53	400.77	397.20	398.17	0.57	ppb
Phosphorus	31-2	655.98	664.08	624.79	648.28	3.20	ppb
Potassium	39-2	2126.41	2123.31	2159.95	2136.56	0.95	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	95.50	85.26	83.09	87.95	7.53	ppb
Selenium	77-2	86.11	82.21	87.28	85.20	3.12	ppb
Selenium	78-2	81.75	82.86	84.12	82.91	1.43	ppb
Silicon	28-1	271.91	240.99	239.81	250.90	7.25	ppb
Silver	107-1	32.85	29.04	30.90	30.93	6.15	ppb
Silver	109-1	33.29	28.94	29.60	30.61	7.67	ppb
Sodium	23-2	69.18	70.76	71.19	70.38	1.50	ppb
Strontium	86-1	24.15	21.63	21.04	22.27	7.41	ppb
Strontium	88-1	24.34	21.65	21.45	22.48	7.19	ppb
Sulfur	34-1	-610.59	-1124.76	-1118.30	-951.22		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	39.09	34.26	33.45	35.60	8.57	ppb
Thallium	205-1	38.71	34.10	33.62	35.47	7.92	ppb
Tin	118-1	0.77	0.65	0.68	0.70	8.53	ppb
Titanium	47-1	435.58	389.58	387.84	404.33	6.70	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.30	0.29	0.31	9.81	ppb
Vanadium	51-2	420.49	421.89	426.02	422.80	0.68	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	484.05	482.85	484.10	483.66	0.15	ppb
Zirconium	90-1	2.61	2.35	2.36	2.44	6.02	ppb
Zirconium	91-1	2.64	2.35	2.33	2.44	7.22	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.72	-2.66	-2.61	-2.67		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	15.51	ppb
Arsenic	75-2	0.01	0.01	0.00	0.00	81.82	ppb
Barium	135-1	0.02	-0.01	0.01	0.01	167.23	ppb
Barium	137-1	0.02	0.03	0.01	0.02	56.30	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.03	0.05	0.02	276.86	ppb
Cadmium	106-1	-0.14	-0.90	-0.92	-0.65		ppb
Cadmium	111-1	-0.01	-0.06	-0.07	-0.05		ppb
Calcium	43-1	-3.68	-4.66	-3.66	-4.00		ppb
Calcium	44-1	-8.68	-9.38	-9.80	-9.29		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.07	-0.06	-0.07		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.06	-0.01	-0.04	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	-1.23	-1.18	-1.12	-1.18		ppb
Iron	57-2	-5.09	-0.38	-2.66	-2.71		ppb
Iron	54-2	-2.69	-2.20	-2.19	-2.36		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.03	0.03	0.03	13.28	ppb
Lead	207-1	0.04	0.05	0.03	0.04	21.71	ppb
Lead	208-1	0.04	0.03	0.03	0.03	7.74	ppb
Lithium	6-1				93		%
Magnesium	24-2	-0.65	-0.93	-0.56	-0.72		ppb
Manganese	55-2	-0.12	-0.13	-0.11	-0.12		ppb
Molybdenum	94-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	95-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.04	0.00	-0.04		ppb
Phosphorus	31-2	-17.80	-18.08	-19.58	-18.49		ppb
Potassium	39-2	-3.01	-4.39	-2.57	-3.32		ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.15	0.26	0.47	0.29	55.89	ppb
Selenium	77-2	0.00	0.19	0.19	0.13	86.61	ppb
Selenium	78-2	-0.56	-0.17	0.51	-0.07		ppb
Silicon	28-1	-1.07	-1.20	-1.21	-1.16		ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.01	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.37	ppb
Sodium	23-2	17.39	18.97	17.90	18.09	4.47	ppb
Strontium	86-1	0.00	-0.03	-0.01	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-962.71	-1039.61	-1012.42	-1004.91		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.05	-0.03	-0.05	-0.04		ppb
Titanium	47-1	-0.04	-0.02	0.00	-0.02		ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	214.65	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	-0.45	-0.50	-0.41	-0.45		ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.02	0.00	-0.01	-0.01		ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.67	36.87	37.79	37.44	1.34	ppb
Antimony	121-1	3.98	3.98	4.04	4.00	0.87	ppb
Arsenic	75-2	1.99	1.96	1.89	1.95	2.62	ppb
Barium	135-1	18.64	18.92	18.82	18.79	0.76	ppb
Barium	137-1	18.92	19.05	19.20	19.06	0.73	ppb
Beryllium	9-1	2.15	2.22	2.19	2.19	1.58	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.76	2.46	2.51	2.58	6.17	ppb
Cadmium	106-1	2.69	2.52	2.10	2.44	12.58	ppb
Cadmium	111-1	2.32	2.49	2.44	2.42	3.66	ppb
Calcium	43-1	1019.02	1042.40	1017.43	1026.28	1.36	ppb
Calcium	44-1	1009.20	1029.00	1031.66	1023.29	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.65	4.71	4.71	4.69	0.79	ppb
Cobalt	59-2	2.10	2.15	2.16	2.14	1.38	ppb
Copper	63-2	4.43	4.33	4.32	4.36	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	430.59	435.05	429.31	431.65	0.70	ppb
Iron	57-2	457.06	452.62	459.47	456.38	0.76	ppb
Iron	54-2	455.39	461.04	451.50	455.97	1.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.94	1.81	1.82	1.86	3.85	ppb
Lead	207-1	1.85	1.86	1.92	1.88	1.90	ppb
Lead	208-1	1.86	1.85	1.84	1.85	0.69	ppb
Lithium	6-1				95		%
Magnesium	24-2	1109.56	1107.97	1103.79	1107.11	0.27	ppb
Manganese	55-2	2.19	2.01	2.07	2.09	4.36	ppb
Molybdenum	94-1	11.56	11.31	11.35	11.41	1.18	ppb
Molybdenum	95-1	9.30	9.31	9.31	9.31	0.09	ppb
Molybdenum	96-1	9.47	9.43	9.60	9.50	0.95	ppb
Molybdenum	97-1	9.26	9.32	9.20	9.26	0.62	ppb
Molybdenum	98-1	9.25	9.44	9.45	9.38	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.20	2.30	2.16	2.22	3.27	ppb
Phosphorus	31-2	-20.46	-17.27	-18.90	-18.88		ppb
Potassium	39-2	1040.62	1040.96	1038.34	1039.97	0.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	10.90	10.84	11.29	11.01	2.22	ppb
Selenium	77-2	10.12	8.71	10.38	9.74	9.20	ppb
Selenium	78-2	11.43	8.93	9.26	9.87	13.74	ppb
Silicon	28-1	2.07	2.32	2.35	2.24	6.81	ppb
Silver	107-1	1.88	1.98	2.00	1.95	3.11	ppb
Silver	109-1	1.94	2.00	2.08	2.01	3.49	ppb
Sodium	23-2	1063.89	1064.68	1060.04	1062.87	0.23	ppb
Strontium	86-1	2.10	2.12	2.07	2.09	1.01	ppb
Strontium	88-1	2.05	2.06	2.07	2.06	0.67	ppb
Sulfur	34-1	-811.44	-771.92	-711.53	-764.96		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	1.78	1.78	1.76	1.77	0.71	ppb
Thallium	205-1	1.81	1.76	1.79	1.79	1.41	ppb
Tin	118-1	-0.01	-0.02	-0.01	-0.02		ppb
Titanium	47-1	9.24	9.53	9.53	9.43	1.76	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.75	1.74	1.74	1.74	0.46	ppb
Vanadium	51-2	10.68	10.50	10.62	10.60	0.90	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	10.50	10.56	10.53	10.53	0.28	ppb
Zirconium	90-1	2.09	2.08	2.08	2.08	0.26	ppb
Zirconium	91-1	2.05	2.15	2.09	2.10	2.52	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.58	16.70	16.66	16.98	3.06	ppb
Antimony	121-1	2.04	2.04	2.01	2.03	0.94	ppb
Arsenic	75-2	1.00	1.14	1.15	1.10	7.55	ppb
Barium	135-1	9.55	9.58	9.54	9.56	0.23	ppb
Barium	137-1	9.73	9.62	9.47	9.61	1.31	ppb
Beryllium	9-1	1.10	1.05	1.08	1.08	2.50	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.21	1.20	1.44	1.29	10.58	ppb
Cadmium	106-1	1.46	2.05	0.75	1.42	45.70	ppb
Cadmium	111-1	1.35	1.37	1.24	1.32	5.40	ppb
Calcium	43-1	522.06	506.89	518.66	515.87	1.54	ppb
Calcium	44-1	514.20	511.63	522.05	515.96	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.35	2.27	2.34	2.32	1.93	ppb
Cobalt	59-2	1.10	1.08	1.13	1.11	2.10	ppb
Copper	63-2	2.26	2.21	2.23	2.23	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	231.51	231.36	231.79	231.55	0.09	ppb
Iron	57-2	231.77	230.87	223.49	228.71	1.99	ppb
Iron	54-2	228.29	230.47	235.93	231.56	1.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.98	0.96	0.97	1.43	ppb
Lead	207-1	0.98	0.95	0.98	0.97	1.79	ppb
Lead	208-1	0.97	0.95	0.94	0.95	1.53	ppb
Lithium	6-1				98		%
Magnesium	24-2	560.33	557.04	562.32	559.89	0.48	ppb
Manganese	55-2	0.97	1.02	1.02	1.00	3.12	ppb
Molybdenum	94-1	5.93	5.77	5.51	5.74	3.67	ppb
Molybdenum	95-1	4.64	4.68	4.81	4.71	1.91	ppb
Molybdenum	96-1	4.83	4.84	4.77	4.81	0.84	ppb
Molybdenum	97-1	4.68	4.59	4.75	4.67	1.68	ppb
Molybdenum	98-1	4.70	4.78	4.69	4.72	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.15	1.15	1.13	2.84	ppb
Phosphorus	31-2	-19.67	-21.05	-18.03	-19.58		ppb
Potassium	39-2	524.82	525.97	524.65	525.15	0.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	5.75	5.61	5.14	5.50	5.77	ppb
Selenium	77-2	5.79	5.29	4.90	5.33	8.35	ppb
Selenium	78-2	3.73	5.57	4.80	4.70	19.72	ppb
Silicon	28-1	0.42	0.32	0.56	0.43	28.00	ppb
Silver	107-1	1.00	1.02	1.02	1.01	1.36	ppb
Silver	109-1	1.01	1.01	1.01	1.01	0.13	ppb
Sodium	23-2	546.65	538.24	542.63	542.51	0.78	ppb
Strontium	86-1	0.92	1.02	0.98	0.97	4.98	ppb
Strontium	88-1	1.04	1.03	1.02	1.03	0.88	ppb
Sulfur	34-1	-680.45	-706.29	-592.55	-659.76		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.90	0.88	0.89	0.89	0.77	ppb
Thallium	205-1	0.89	0.86	0.90	0.89	2.25	ppb
Tin	118-1	-0.01	-0.03	-0.02	-0.02		ppb
Titanium	47-1	4.75	4.79	4.72	4.75	0.75	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.87	0.85	0.87	1.97	ppb
Vanadium	51-2	5.40	5.38	5.30	5.36	1.00	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	5.01	5.31	5.06	5.13	3.15	ppb
Zirconium	90-1	1.06	1.07	1.05	1.06	0.93	ppb
Zirconium	91-1	1.06	1.03	1.05	1.05	1.47	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61269.82	61056.40	60680.99	61002.40	0.49	ppb
Antimony	121-1	1.96	1.98	2.00	1.98	0.96	ppb
Arsenic	75-2	669.91	672.73	661.07	667.91	0.91	ppb
Barium	135-1	209.07	204.03	209.56	207.55	1.47	ppb
Barium	137-1	210.95	210.69	213.09	211.57	0.62	ppb
Beryllium	9-1	0.79	0.77	0.80	0.79	2.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	2.15	2.04	2.12	3.50	ppb
Cadmium	106-1	2.80	2.93	2.51	2.75	7.89	ppb
Cadmium	111-1	0.34	0.36	0.34	0.35	2.91	ppb
Calcium	43-1	17633.55	17817.40	17684.21	17711.72	0.54	ppb
Calcium	44-1	16376.92	16279.73	16395.51	16350.72	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	226.10	226.08	226.49	226.22	0.10	ppb
Cobalt	59-2	102.96	103.43	103.16	103.19	0.23	ppb
Copper	63-2	5635.67	5653.91	5625.28	5638.29	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				107		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	171077.21	171521.82	168919.51	170506.18	0.82	ppb
Iron	57-2	166810.57	170119.63	167384.45	168104.88	1.05	ppb
Iron	54-2	170008.81	169393.01	167383.78	168928.53	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.24	11.15	11.33	11.24	0.78	ppb
Lead	207-1	11.72	11.75	11.67	11.71	0.31	ppb
Lead	208-1	11.47	11.56	11.47	11.50	0.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	38745.11	39076.18	38976.80	38932.70	0.44	ppb
Manganese	55-2	4829.47	4850.90	4746.66	4809.01	1.14	ppb
Molybdenum	94-1	7.40	7.61	7.49	7.50	1.39	ppb
Molybdenum	95-1	1.03	0.99	1.05	1.02	3.14	ppb
Molybdenum	96-1	2.80	2.74	2.77	2.77	1.12	ppb
Molybdenum	97-1	0.96	0.95	0.99	0.97	2.41	ppb
Molybdenum	98-1	0.99	0.95	0.96	0.97	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	143.60	142.92	141.85	142.79	0.62	ppb
Phosphorus	31-2	697.26	725.61	698.71	707.19	2.26	ppb
Potassium	39-2	585.36	587.25	581.27	584.63	0.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	82-1	0.84	0.64	0.57	0.68	21.16	ppb
Selenium	77-2	7.22	6.21	6.62	6.68	7.63	ppb
Selenium	78-2	0.14	0.82	1.80	0.92	90.59	ppb
Silicon	28-1	759.15	764.49	765.38	763.01	0.44	ppb
Silver	107-1	2.28	2.24	2.24	2.26	0.96	ppb
Silver	109-1	2.28	2.23	2.27	2.26	1.34	ppb
Sodium	23-2	389.53	393.20	391.16	391.30	0.47	ppb
Strontium	86-1	89.78	88.59	88.85	89.07	0.70	ppb
Strontium	88-1	89.62	89.25	89.88	89.58	0.36	ppb
Sulfur	34-1	-1550.71	-1560.68	-1554.54	-1555.31		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.05	0.04	0.04	17.40	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.69	ppb
Tin	118-1	1.67	1.74	1.70	1.70	2.10	ppb
Titanium	47-1	2023.91	2003.72	2028.86	2018.83	0.66	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.43	0.41	0.42	2.24	ppb
Vanadium	51-2	395.29	396.64	386.30	392.74	1.43	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	559.62	562.99	557.54	560.05	0.49	ppb
Zirconium	90-1	3.92	3.86	3.89	3.89	0.77	ppb
Zirconium	91-1	4.19	4.14	4.03	4.12	1.99	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44494.92	43510.54	44034.99	44013.48	1.12	ppb
Antimony	121-1	0.95	1.00	0.96	0.97	2.92	ppb
Arsenic	75-2	148.36	149.22	150.50	149.36	0.72	ppb
Barium	135-1	622.74	634.30	627.92	628.32	0.92	ppb
Barium	137-1	634.12	647.80	617.32	633.08	2.41	ppb
Beryllium	9-1	1.75	1.74	1.85	1.78	3.30	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	2.03	1.80	2.04	11.92	ppb
Cadmium	106-1	3.35	3.40	3.27	3.34	1.87	ppb
Cadmium	111-1	0.97	1.01	1.03	1.00	3.27	ppb
Calcium	43-1	9926.78	10154.84	10248.49	10110.04	1.64	ppb
Calcium	44-1	9133.96	9292.32	9299.80	9242.03	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	174.03	174.20	173.72	173.98	0.14	ppb
Cobalt	59-2	79.12	79.06	79.47	79.21	0.28	ppb
Copper	63-2	185.64	184.11	185.58	185.11	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				110		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	169878.26	169080.06	170607.47	169855.26	0.45	ppb
Iron	57-2	167040.08	168173.28	167799.47	167670.94	0.34	ppb
Iron	54-2	169605.66	168532.98	169242.22	169126.95	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.10	36.34	36.41	35.95	2.05	ppb
Lead	207-1	34.14	35.16	35.83	35.04	2.42	ppb
Lead	208-1	34.55	35.39	35.68	35.20	1.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	23878.48	23933.81	23830.01	23880.77	0.22	ppb
Manganese	55-2	5493.90	5427.39	5461.84	5461.04	0.61	ppb
Molybdenum	94-1	27.53	27.62	27.92	27.69	0.73	ppb
Molybdenum	95-1	2.00	2.04	1.98	2.01	1.31	ppb
Molybdenum	96-1	5.72	5.72	5.61	5.69	1.18	ppb
Molybdenum	97-1	2.04	1.97	1.98	2.00	1.69	ppb
Molybdenum	98-1	1.94	1.94	1.93	1.94	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.85	132.10	132.97	132.64	0.36	ppb
Phosphorus	31-2	2225.64	2191.75	2202.50	2206.63	0.78	ppb
Potassium	39-2	12396.78	12245.38	12409.87	12350.68	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	0.85	1.12	1.19	1.05	17.04	ppb
Selenium	77-2	15.30	18.87	17.87	17.35	10.64	ppb
Selenium	78-2	2.53	2.88	3.80	3.07	21.36	ppb
Silicon	28-1	1011.74	1019.47	1031.67	1020.96	0.98	ppb
Silver	107-1	2.35	2.44	2.35	2.38	2.37	ppb
Silver	109-1	2.34	2.43	2.37	2.38	1.95	ppb
Sodium	23-2	168.99	167.72	168.65	168.45	0.39	ppb
Strontium	86-1	89.71	90.31	90.51	90.18	0.46	ppb
Strontium	88-1	90.88	88.51	89.73	89.71	1.32	ppb
Sulfur	34-1	-1134.03	-1158.75	-1125.30	-1139.36		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.31	0.34	0.36	0.34	7.86	ppb
Thallium	205-1	0.33	0.34	0.33	0.33	1.24	ppb
Tin	118-1	1.68	1.72	1.70	1.70	1.18	ppb
Titanium	47-1	886.97	906.79	908.00	900.59	1.31	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.19	1.16	1.16	2.61	ppb
Vanadium	51-2	330.66	319.08	326.14	325.29	1.79	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	238.95	237.07	238.67	238.23	0.42	ppb
Zirconium	90-1	15.37	15.57	15.40	15.45	0.70	ppb
Zirconium	91-1	15.59	15.83	15.76	15.73	0.79	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64219.74	64196.13	64942.55	64452.81	0.66	ppb
Antimony	121-1	1.29	1.37	1.34	1.33	2.78	ppb
Arsenic	75-2	962.38	968.22	968.91	966.50	0.37	ppb
Barium	135-1	287.08	294.02	291.95	291.02	1.23	ppb
Barium	137-1	291.70	298.71	296.16	295.52	1.20	ppb
Beryllium	9-1	1.09	1.17	1.10	1.12	4.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.67	3.36	3.45	3.50	4.56	ppb
Cadmium	106-1	4.08	3.57	3.63	3.76	7.43	ppb
Cadmium	111-1	1.91	1.90	1.88	1.90	0.58	ppb
Calcium	43-1	10652.11	10833.19	10952.62	10812.64	1.40	ppb
Calcium	44-1	9819.79	9976.04	10034.28	9943.37	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	233.33	232.67	231.09	232.36	0.49	ppb
Cobalt	59-2	110.19	110.68	109.67	110.18	0.46	ppb
Copper	63-2	364.00	366.74	366.47	365.74	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	169894.47	170509.72	169817.30	170073.83	0.22	ppb
Iron	57-2	166815.50	167653.67	166457.18	166975.45	0.37	ppb
Iron	54-2	168184.30	168302.75	168375.91	168287.65	0.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.66	65.49	66.18	65.44	1.16	ppb
Lead	207-1	63.76	64.89	65.92	64.86	1.66	ppb
Lead	208-1	64.17	64.77	65.62	64.85	1.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	43200.56	42892.30	43219.72	43104.19	0.43	ppb
Manganese	55-2	3523.49	3540.94	3525.38	3529.94	0.27	ppb
Molybdenum	94-1	11.46	11.45	11.49	11.47	0.20	ppb
Molybdenum	95-1	1.13	1.19	1.18	1.17	2.67	ppb
Molybdenum	96-1	3.27	3.28	3.34	3.30	1.17	ppb
Molybdenum	97-1	1.13	1.20	1.08	1.14	5.10	ppb
Molybdenum	98-1	1.13	1.11	1.13	1.12	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.55	152.03	151.72	152.10	0.28	ppb
Phosphorus	31-2	1829.44	1827.97	1808.22	1821.88	0.65	ppb
Potassium	39-2	8012.13	8081.00	7992.79	8028.64	0.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	1.45	0.67	0.88	1.00	40.11	ppb
Selenium	77-2	10.13	8.04	12.34	10.17	21.15	ppb
Selenium	78-2	1.88	1.83	2.48	2.06	17.57	ppb
Silicon	28-1	877.33	888.83	894.20	886.79	0.97	ppb
Silver	107-1	2.64	2.75	2.65	2.68	2.24	ppb
Silver	109-1	2.62	2.71	2.67	2.67	1.73	ppb
Sodium	23-2	184.74	183.81	186.97	185.17	0.88	ppb
Strontium	86-1	60.93	61.12	61.28	61.11	0.29	ppb
Strontium	88-1	60.10	61.39	61.15	60.88	1.13	ppb
Sulfur	34-1	-1272.09	-1271.77	-1300.57	-1281.48		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.18	0.20	0.18	5.45	ppb
Thallium	205-1	0.17	0.19	0.19	0.18	4.67	ppb
Tin	118-1	2.31	2.31	2.34	2.32	0.80	ppb
Titanium	47-1	1259.17	1304.09	1314.04	1292.43	2.26	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.66	0.68	0.66	1.77	ppb
Vanadium	51-2	399.83	392.26	401.15	397.75	1.21	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	301.53	302.79	302.91	302.41	0.25	ppb
Zirconium	90-1	6.15	6.23	6.27	6.22	0.98	ppb
Zirconium	91-1	6.28	6.50	6.47	6.42	1.85	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20571.60	20816.84	20654.01	20680.82	0.60	ppb
Antimony	121-1	0.88	0.87	0.87	0.87	0.58	ppb
Arsenic	75-2	467.78	461.46	464.50	464.58	0.68	ppb
Barium	135-1	631.25	620.77	611.93	621.32	1.56	ppb
Barium	137-1	614.96	638.85	615.74	623.18	2.18	ppb
Beryllium	9-1	0.72	0.78	0.73	0.74	3.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.13	1.05	1.04	1.07	4.43	ppb
Cadmium	106-1	1.59	1.50	1.78	1.62	8.83	ppb
Cadmium	111-1	0.45	0.44	0.45	0.45	0.39	ppb
Calcium	43-1	6493.06	6658.04	6565.35	6572.15	1.26	ppb
Calcium	44-1	5994.04	6209.54	6122.72	6108.77	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.70	55.62	55.53	55.28	0.92	ppb
Cobalt	59-2	41.84	42.02	41.92	41.93	0.21	ppb
Copper	63-2	98.61	99.94	99.96	99.50	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				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	60180.07	60660.67	60149.59	60330.11	0.48	ppb
Iron	57-2	59382.97	58599.51	59379.69	59120.72	0.76	ppb
Iron	54-2	59290.28	59831.49	59611.20	59577.66	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.84	28.94	28.68	28.48	2.03	ppb
Lead	207-1	25.94	26.19	26.09	26.07	0.49	ppb
Lead	208-1	26.26	27.24	26.79	26.76	1.85	ppb
Lithium	6-1				93		%
Magnesium	24-2	11095.50	11116.45	11080.22	11097.39	0.16	ppb
Manganese	55-2	4380.01	4415.61	4390.66	4395.43	0.42	ppb
Molybdenum	94-1	10.19	10.29	10.09	10.19	1.00	ppb
Molybdenum	95-1	1.74	1.74	1.79	1.76	1.64	ppb
Molybdenum	96-1	2.91	2.96	2.97	2.95	1.04	ppb
Molybdenum	97-1	1.71	1.66	1.71	1.69	1.81	ppb
Molybdenum	98-1	1.69	1.75	1.77	1.74	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.24	42.51	41.78	42.18	0.88	ppb
Phosphorus	31-2	1121.66	1104.47	1148.59	1124.91	1.98	ppb
Potassium	39-2	3874.19	3880.13	3819.51	3857.94	0.87	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.90	0.50	0.26	0.56	57.71	ppb
Selenium	77-2	7.92	8.38	7.91	8.07	3.33	ppb
Selenium	78-2	1.74	1.88	1.72	1.78	4.82	ppb
Silicon	28-1	780.65	791.56	782.24	784.82	0.75	ppb
Silver	107-1	2.31	2.40	2.35	2.35	1.88	ppb
Silver	109-1	2.37	2.44	2.40	2.40	1.48	ppb
Sodium	23-2	143.37	144.49	148.28	145.38	1.77	ppb
Strontium	86-1	74.47	75.69	76.35	75.50	1.26	ppb
Strontium	88-1	74.74	76.21	76.52	75.83	1.25	ppb
Sulfur	34-1	-867.51	-959.12	-1145.62	-990.75		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.61	0.66	0.62	0.63	4.30	ppb
Thallium	205-1	0.61	0.64	0.64	0.63	2.25	ppb
Tin	118-1	2.89	2.96	2.99	2.95	1.77	ppb
Titanium	47-1	732.66	744.38	739.53	738.86	0.80	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.88	0.86	0.86	1.93	ppb
Vanadium	51-2	135.45	137.65	137.25	136.78	0.85	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	123.92	123.69	124.08	123.90	0.16	ppb
Zirconium	90-1	5.20	5.39	5.32	5.30	1.77	ppb
Zirconium	91-1	5.24	5.25	5.37	5.28	1.37	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18603.90	18527.14	18314.06	18481.70	0.81	ppb
Antimony	121-1	0.43	0.44	0.41	0.42	2.94	ppb
Arsenic	75-2	73.44	72.71	72.03	72.73	0.97	ppb
Barium	135-1	78.13	78.43	78.29	78.28	0.19	ppb
Barium	137-1	78.30	80.07	79.87	79.41	1.22	ppb
Beryllium	9-1	0.29	0.29	0.31	0.29	3.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.83	0.87	0.86	3.28	ppb
Cadmium	106-1	2.03	1.56	0.94	1.51	36.24	ppb
Cadmium	111-1	0.56	0.57	0.48	0.54	9.41	ppb
Calcium	43-1	3105.86	3151.64	3118.41	3125.30	0.76	ppb
Calcium	44-1	2827.54	2872.86	2845.24	2848.55	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.74	68.29	67.67	67.90	0.50	ppb
Cobalt	59-2	32.40	32.52	32.16	32.36	0.57	ppb
Copper	63-2	107.52	108.29	106.76	107.52	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	49353.64	50390.19	49430.07	49724.63	1.16	ppb
Iron	57-2	48251.86	48857.46	47822.13	48310.48	1.08	ppb
Iron	54-2	49539.93	49070.52	48588.57	49066.34	0.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.34	17.21	16.85	17.13	1.47	ppb
Lead	207-1	17.28	17.03	16.86	17.05	1.24	ppb
Lead	208-1	17.24	16.91	16.89	17.01	1.14	ppb
Lithium	6-1				93		%
Magnesium	24-2	12346.76	12419.86	12279.36	12348.66	0.57	ppb
Manganese	55-2	1035.50	1056.28	1044.21	1045.33	1.00	ppb
Molybdenum	94-1	2.83	2.97	2.92	2.90	2.46	ppb
Molybdenum	95-1	0.31	0.31	0.30	0.31	1.19	ppb
Molybdenum	96-1	0.90	0.88	0.91	0.90	1.48	ppb
Molybdenum	97-1	0.30	0.31	0.31	0.31	0.63	ppb
Molybdenum	98-1	0.29	0.29	0.31	0.30	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.08	44.81	45.41	45.10	0.66	ppb
Phosphorus	31-2	517.30	513.23	520.72	517.08	0.73	ppb
Potassium	39-2	2320.48	2370.83	2313.63	2334.98	1.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.28	0.40	0.55	0.22	198.45	ppb
Selenium	77-2	3.06	2.34	2.51	2.64	14.29	ppb
Selenium	78-2	0.23	0.07	0.03	0.11	94.55	ppb
Silicon	28-1	217.37	220.50	217.66	218.51	0.79	ppb
Silver	107-1	0.13	0.13	0.13	0.13	1.10	ppb
Silver	109-1	0.13	0.13	0.13	0.13	0.93	ppb
Sodium	23-2	70.29	69.65	69.30	69.75	0.72	ppb
Strontium	86-1	16.36	16.59	16.65	16.53	0.91	ppb
Strontium	88-1	16.50	16.80	16.87	16.72	1.19	ppb
Sulfur	34-1	-1059.51	-1101.64	-1195.89	-1119.01		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.02	0.03	0.03	7.89	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	1.39	ppb
Tin	118-1	0.61	0.63	0.61	0.62	2.16	ppb
Titanium	47-1	372.22	377.32	373.76	374.43	0.70	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.17	0.17	0.18	ppb
Vanadium	51-2	119.21	120.25	119.41	119.62	0.46	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	89.11	89.62	89.35	89.36	0.29	ppb
Zirconium	90-1	1.55	1.57	1.59	1.57	1.25	ppb
Zirconium	91-1	1.57	1.61	1.54	1.58	2.23	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17668.59	18146.32	17890.97	17901.96	1.34	ppb
Antimony	121-1	0.38	0.40	0.42	0.40	4.53	ppb
Arsenic	75-2	67.11	69.45	69.50	68.69	1.99	ppb
Barium	135-1	74.91	75.69	75.58	75.39	0.56	ppb
Barium	137-1	75.32	76.95	75.72	76.00	1.12	ppb
Beryllium	9-1	0.24	0.27	0.30	0.27	9.78	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.77	0.77	0.75	3.74	ppb
Cadmium	106-1	0.57	1.41	0.44	0.81	65.49	ppb
Cadmium	111-1	0.48	0.53	0.48	0.50	6.29	ppb
Calcium	43-1	2969.55	3104.53	2992.95	3022.34	2.39	ppb
Calcium	44-1	2793.12	2875.71	2833.63	2834.15	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.13	65.66	64.89	65.23	0.60	ppb
Cobalt	59-2	31.60	31.77	31.13	31.50	1.05	ppb
Copper	63-2	104.20	104.58	104.84	104.54	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				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	47470.68	47867.30	47571.05	47636.34	0.43	ppb
Iron	57-2	47333.72	47293.53	46261.96	46963.07	1.29	ppb
Iron	54-2	47219.11	47945.78	46947.74	47370.88	1.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.41	16.75	16.04	16.40	2.17	ppb
Lead	207-1	16.55	16.57	16.21	16.44	1.22	ppb
Lead	208-1	16.38	16.56	16.08	16.34	1.50	ppb
Lithium	6-1				95		%
Magnesium	24-2	11872.90	11992.90	11854.77	11906.86	0.63	ppb
Manganese	55-2	990.88	1006.14	988.50	995.17	0.96	ppb
Molybdenum	94-1	2.83	2.99	2.92	2.91	2.64	ppb
Molybdenum	95-1	0.32	0.31	0.28	0.30	5.95	ppb
Molybdenum	96-1	0.89	0.83	0.88	0.87	3.34	ppb
Molybdenum	97-1	0.28	0.30	0.30	0.29	4.51	ppb
Molybdenum	98-1	0.29	0.30	0.28	0.29	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.81	43.02	43.72	43.18	1.11	ppb
Phosphorus	31-2	506.25	489.70	482.39	492.78	2.48	ppb
Potassium	39-2	2230.80	2238.58	2203.42	2224.27	0.83	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.87	0.32	0.44	0.55	52.44	ppb
Selenium	77-2	1.76	1.99	2.92	2.22	27.69	ppb
Selenium	78-2	1.21	-0.63	-0.24	0.11	860.52	ppb
Silicon	28-1	233.86	237.77	246.69	239.44	2.75	ppb
Silver	107-1	0.13	0.12	0.12	0.12	6.63	ppb
Silver	109-1	0.11	0.12	0.12	0.12	2.49	ppb
Sodium	23-2	65.09	66.33	66.95	66.12	1.44	ppb
Strontium	86-1	15.76	15.98	16.45	16.06	2.21	ppb
Strontium	88-1	16.04	16.25	16.36	16.22	1.01	ppb
Sulfur	34-1	-1139.39	-1119.91	-1160.15	-1139.82		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.03	0.02	0.03	18.38	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.47	ppb
Tin	118-1	0.58	0.59	0.59	0.59	0.84	ppb
Titanium	47-1	373.19	384.69	383.05	380.31	1.64	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.16	0.16	0.16	1.51	ppb
Vanadium	51-2	114.37	116.10	114.64	115.04	0.81	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	87.53	88.21	86.37	87.37	1.07	ppb
Zirconium	90-1	1.54	1.56	1.69	1.60	5.17	ppb
Zirconium	91-1	1.60	1.56	1.62	1.59	1.85	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4010.97	4025.94	3996.40	4011.10	0.37	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	1.99	ppb
Arsenic	75-2	15.13	14.69	14.22	14.68	3.08	ppb
Barium	135-1	14.62	15.36	15.56	15.18	3.27	ppb
Barium	137-1	15.26	15.95	15.76	15.66	2.26	ppb
Beryllium	9-1	0.02	0.05	0.04	0.04	36.06	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.21	0.16	0.16	26.56	ppb
Cadmium	106-1	-0.01	0.34	0.35	0.23	88.83	ppb
Cadmium	111-1	0.09	0.09	0.11	0.10	12.04	ppb
Calcium	43-1	635.96	634.30	622.16	630.81	1.19	ppb
Calcium	44-1	623.40	628.90	639.38	630.56	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.14	13.93	13.88	13.99	0.98	ppb
Cobalt	59-2	6.68	6.74	6.80	6.74	0.87	ppb
Copper	63-2	22.41	22.34	22.33	22.36	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	10251.08	10288.33	10170.66	10236.69	0.59	ppb
Iron	57-2	10749.71	10741.89	10739.36	10743.65	0.05	ppb
Iron	54-2	10192.90	10291.76	10423.78	10302.81	1.12	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.35	3.38	3.23	3.32	2.35	ppb
Lead	207-1	3.46	3.46	3.25	3.39	3.57	ppb
Lead	208-1	3.37	3.38	3.26	3.34	2.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	2579.77	2550.45	2592.97	2574.40	0.85	ppb
Manganese	55-2	224.24	222.47	222.48	223.07	0.46	ppb
Molybdenum	94-1	0.56	0.50	0.54	0.53	5.67	ppb
Molybdenum	95-1	0.05	0.04	0.06	0.05	23.97	ppb
Molybdenum	96-1	0.18	0.16	0.18	0.17	6.15	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	11.56	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.06	7.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.50	9.35	9.28	9.38	1.17	ppb
Phosphorus	31-2	99.49	98.34	95.42	97.75	2.15	ppb
Potassium	39-2	518.17	515.91	513.13	515.74	0.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.76	0.58	0.48	0.61	23.57	ppb
Selenium	77-2	0.92	0.37	0.37	0.55	57.96	ppb
Selenium	78-2	0.71	-0.93	-0.31	-0.18		ppb
Silicon	28-1	45.60	45.35	46.24	45.73	1.01	ppb
Silver	107-1	0.02	0.02	0.03	0.02	20.00	ppb
Silver	109-1	0.02	0.03	0.02	0.02	11.23	ppb
Sodium	23-2	28.07	28.87	27.91	28.28	1.83	ppb
Strontium	86-1	3.14	3.39	3.26	3.26	3.71	ppb
Strontium	88-1	3.29	3.39	3.29	3.33	1.75	ppb
Sulfur	34-1	-896.02	-946.38	-992.24	-944.88		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.09	0.12	0.08	0.10	19.94	ppb
Titanium	47-1	77.15	78.38	76.34	77.29	1.33	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.02	0.03	10.67	ppb
Vanadium	51-2	24.53	24.62	24.21	24.45	0.90	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	18.48	18.98	18.84	18.77	1.38	ppb
Zirconium	90-1	0.31	0.30	0.30	0.30	0.58	ppb
Zirconium	91-1	0.30	0.31	0.32	0.31	2.85	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18884.20	19020.17	18825.46	18909.94	0.53	ppb
Antimony	121-1	15.57	15.92	16.14	15.88	1.81	ppb
Arsenic	75-2	76.57	78.65	76.51	77.24	1.58	ppb
Barium	135-1	373.87	381.49	389.66	381.67	2.07	ppb
Barium	137-1	396.25	403.88	408.96	403.03	1.59	ppb
Beryllium	9-1	8.99	9.13	9.39	9.17	2.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.19	8.27	8.69	8.39	3.18	ppb
Cadmium	106-1	7.66	7.74	8.41	7.94	5.17	ppb
Cadmium	111-1	8.00	8.25	8.72	8.32	4.39	ppb
Calcium	43-1	3041.67	3123.54	3117.74	3094.32	1.48	ppb
Calcium	44-1	2844.15	2820.86	2853.51	2839.50	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.04	101.72	100.53	100.76	0.86	ppb
Cobalt	59-2	116.34	117.17	116.91	116.81	0.36	ppb
Copper	63-2	146.95	147.96	146.25	147.06	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	49302.99	49234.27	49359.65	49298.97	0.13	ppb
Iron	57-2	47807.41	48842.79	48260.40	48303.53	1.07	ppb
Iron	54-2	48580.99	48830.14	48919.44	48776.86	0.36	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.21	19.42	19.70	19.45	1.26	ppb
Lead	207-1	18.97	19.66	19.65	19.43	2.04	ppb
Lead	208-1	19.01	19.39	19.68	19.36	1.75	ppb
Lithium	6-1				96		%
Magnesium	24-2	12139.50	12327.48	12252.57	12239.85	0.77	ppb
Manganese	55-2	1103.15	1093.26	1097.71	1098.04	0.45	ppb
Molybdenum	94-1	2.89	2.96	2.87	2.91	1.73	ppb
Molybdenum	95-1	0.33	0.29	0.34	0.32	8.20	ppb
Molybdenum	96-1	0.86	0.90	0.89	0.88	2.34	ppb
Molybdenum	97-1	0.31	0.32	0.25	0.29	12.43	ppb
Molybdenum	98-1	0.31	0.30	0.31	0.31	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.63	129.73	127.50	128.29	0.97	ppb
Phosphorus	31-2	517.06	505.78	503.21	508.69	1.45	ppb
Potassium	39-2	2290.02	2292.61	2268.72	2283.78	0.57	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	19.21	19.49	20.17	19.62	2.52	ppb
Selenium	77-2	21.52	16.81	19.07	19.13	12.32	ppb
Selenium	78-2	18.03	17.79	17.75	17.86	0.86	ppb
Silicon	28-1	226.58	231.77	230.55	229.63	1.18	ppb
Silver	107-1	6.90	7.16	7.30	7.12	2.80	ppb
Silver	109-1	6.95	7.24	7.36	7.18	2.91	ppb
Sodium	23-2	62.54	63.45	63.22	63.07	0.74	ppb
Strontium	86-1	16.37	16.59	16.67	16.54	0.95	ppb
Strontium	88-1	16.23	16.49	16.70	16.47	1.43	ppb
Sulfur	34-1	-986.48	-1090.60	-1053.98	-1043.69		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	6.98	6.98	7.19	7.05	1.69	ppb
Thallium	205-1	6.99	7.07	7.19	7.08	1.48	ppb
Tin	118-1	0.54	0.57	0.59	0.56	4.67	ppb
Titanium	47-1	377.35	378.69	382.22	379.42	0.66	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.16	0.16	0.16	1.37	ppb
Vanadium	51-2	201.39	203.94	202.68	202.67	0.63	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	171.49	171.40	171.98	171.62	0.18	ppb
Zirconium	90-1	1.56	1.55	1.57	1.56	0.72	ppb
Zirconium	91-1	1.48	1.60	1.55	1.54	4.07	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20249.50	20140.42	20162.57	20184.17	0.29	ppb
Antimony	121-1	75.39	76.72	75.59	75.90	0.94	ppb
Arsenic	75-2	103.50	103.58	102.34	103.14	0.67	ppb
Barium	135-1	1509.14	1539.05	1522.56	1523.59	0.98	ppb
Barium	137-1	1512.25	1538.98	1529.51	1526.91	0.89	ppb
Beryllium	9-1	40.63	40.12	41.51	40.75	1.73	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.83	35.47	34.96	35.42	1.24	ppb
Cadmium	106-1	35.44	34.60	35.85	35.30	1.82	ppb
Cadmium	111-1	38.89	39.59	38.75	39.08	1.16	ppb
Calcium	43-1	3097.19	3144.65	3141.23	3127.69	0.85	ppb
Calcium	44-1	2892.99	2933.62	2871.81	2899.47	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	222.52	221.74	221.39	221.88	0.26	ppb
Cobalt	59-2	406.56	411.28	403.37	407.07	0.98	ppb
Copper	63-2	287.59	288.30	284.02	286.63	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	50699.37	50481.44	50295.02	50491.94	0.40	ppb
Iron	57-2	49638.48	49698.09	49576.67	49637.75	0.12	ppb
Iron	54-2	51284.11	50197.13	50149.74	50543.66	1.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.58	31.76	31.73	31.36	2.16	ppb
Lead	207-1	30.33	31.86	31.11	31.10	2.46	ppb
Lead	208-1	30.40	31.59	31.25	31.08	1.98	ppb
Lithium	6-1				96		%
Magnesium	24-2	12553.80	12519.99	12670.97	12581.58	0.63	ppb
Manganese	55-2	1407.59	1384.98	1397.21	1396.59	0.81	ppb
Molybdenum	94-1	2.96	2.99	3.00	2.98	0.74	ppb
Molybdenum	95-1	0.29	0.34	0.31	0.31	8.14	ppb
Molybdenum	96-1	0.88	0.95	0.94	0.92	4.29	ppb
Molybdenum	97-1	0.29	0.29	0.31	0.30	3.65	ppb
Molybdenum	98-1	0.32	0.29	0.31	0.31	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	423.48	421.38	421.53	422.13	0.28	ppb
Phosphorus	31-2	532.93	513.07	519.89	521.96	1.93	ppb
Potassium	39-2	2346.09	2323.78	2319.96	2329.94	0.61	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	78.84	80.19	80.40	79.81	1.06	ppb
Selenium	77-2	78.87	81.61	79.64	80.04	1.77	ppb
Selenium	78-2	78.74	73.81	74.82	75.79	3.44	ppb
Silicon	28-1	233.86	235.93	234.94	234.91	0.44	ppb
Silver	107-1	27.36	28.40	27.88	27.88	1.87	ppb
Silver	109-1	27.39	28.17	28.50	28.02	2.03	ppb
Sodium	23-2	61.62	63.41	63.28	62.77	1.58	ppb
Strontium	86-1	16.30	16.64	16.75	16.56	1.41	ppb
Strontium	88-1	16.54	16.80	16.85	16.73	0.99	ppb
Sulfur	34-1	-974.49	-1028.64	-1056.49	-1019.87		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	34.08	36.15	35.33	35.18	2.95	ppb
Thallium	205-1	34.40	36.12	35.45	35.32	2.46	ppb
Tin	118-1	0.56	0.59	0.57	0.57	2.30	ppb
Titanium	47-1	382.23	384.68	386.82	384.58	0.60	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.17	0.16	0.17	3.66	ppb
Vanadium	51-2	485.49	480.84	488.13	484.82	0.76	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	471.94	470.18	469.51	470.54	0.27	ppb
Zirconium	90-1	1.55	1.61	1.62	1.59	2.30	ppb
Zirconium	91-1	1.61	1.63	1.70	1.65	2.90	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47683.93	47594.00	47446.10	47574.68	0.25	ppb
Antimony	121-1	471.72	475.17	478.14	475.01	0.68	ppb
Arsenic	75-2	471.99	468.12	473.23	471.11	0.57	ppb
Barium	135-1	2375.86	2411.20	2424.50	2403.86	1.05	ppb
Barium	137-1	2398.85	2427.49	2474.94	2433.76	1.58	ppb
Beryllium	9-1	514.56	522.33	525.32	520.73	1.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	495.61	495.97	501.21	497.60	0.63	ppb
Cadmium	106-1	492.48	496.01	500.91	496.46	0.85	ppb
Cadmium	111-1	487.12	493.69	499.75	493.52	1.28	ppb
Calcium	43-1	242144.03	244721.70	249384.27	245416.67	1.50	ppb
Calcium	44-1	241559.83	241800.43	244270.00	242543.42	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.14	490.62	493.13	493.96	0.78	ppb
Cobalt	59-2	538.30	538.44	531.95	536.23	0.69	ppb
Copper	63-2	5220.82	5205.17	5254.23	5226.74	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	127066.36	126278.74	127256.26	126867.12	0.41	ppb
Iron	57-2	125178.95	125053.18	124518.60	124916.91	0.28	ppb
Iron	54-2	126380.47	124655.99	125120.10	125385.52	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2527.92	2529.59	2544.06	2533.86	0.35	ppb
Lead	207-1	2499.71	2520.37	2522.42	2514.16	0.50	ppb
Lead	208-1	2511.03	2500.92	2520.53	2510.83	0.39	ppb
Lithium	6-1				92		%
Magnesium	24-2	239681.57	240140.42	240686.68	240169.56	0.21	ppb
Manganese	55-2	4962.87	4923.99	4999.81	4962.22	0.76	ppb
Molybdenum	94-1	4990.16	4942.58	4965.35	4966.03	0.48	ppb
Molybdenum	95-1	4999.57	4952.01	4936.72	4962.77	0.66	ppb
Molybdenum	96-1	5011.52	4964.80	4991.56	4989.29	0.47	ppb
Molybdenum	97-1	5006.93	4929.12	4989.04	4975.03	0.82	ppb
Molybdenum	98-1	5022.42	4964.20	4995.86	4994.16	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.62	520.90	522.30	521.28	0.17	ppb
Phosphorus	31-2	9700.55	9663.87	9754.59	9706.34	0.47	ppb
Potassium	39-2	116167.90	117019.68	117582.69	116923.42	0.61	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	466.91	463.73	466.84	465.83	0.39	ppb
Selenium	77-2	457.61	457.31	476.80	463.91	2.41	ppb
Selenium	78-2	462.58	452.74	457.21	457.51	1.08	ppb
Silicon	28-1	655.64	662.09	670.09	662.61	1.09	ppb
Silver	107-1	457.64	459.57	465.09	460.77	0.84	ppb
Silver	109-1	454.31	460.53	469.05	461.29	1.60	ppb
Sodium	23-2	242084.34	243213.21	244573.02	243290.19	0.51	ppb
Strontium	86-1	12301.01	12194.37	12281.44	12258.94	0.46	ppb
Strontium	88-1	12338.47	12217.32	12344.70	12300.17	0.58	ppb
Sulfur	34-1	9941.57	9968.88	9959.06	9956.50	0.14	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	513.03	495.79	512.80	507.21	1.95	ppb
Thallium	205-1	499.76	500.85	513.38	504.67	1.50	ppb
Tin	118-1	469.25	477.58	474.59	473.80	0.89	ppb
Titanium	47-1	4855.69	4831.53	4959.22	4882.14	1.39	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	513.11	510.13	525.99	516.41	1.63	ppb
Vanadium	51-2	503.95	500.59	510.31	504.95	0.98	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5202.64	5154.51	5133.08	5163.41	0.69	ppb
Zirconium	90-1	494.51	496.06	499.46	496.68	0.51	ppb
Zirconium	91-1	498.25	496.61	500.65	498.50	0.41	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.85	15.92	15.65	15.47	3.58	ppb
Antimony	121-1	0.35	0.36	0.38	0.36	4.27	ppb
Arsenic	75-2	0.02	0.03	0.05	0.04	45.56	ppb
Barium	135-1	0.13	0.09	0.07	0.10	27.73	ppb
Barium	137-1	0.16	0.11	0.09	0.12	29.15	ppb
Beryllium	9-1	0.03	0.04	0.01	0.03	49.02	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.13	0.15	0.09	105.73	ppb
Cadmium	106-1	0.59	0.05	0.83	0.49	81.93	ppb
Cadmium	111-1	0.09	0.03	0.08	0.07	47.32	ppb
Calcium	43-1	9.79	8.48	5.86	8.05	24.87	ppb
Calcium	44-1	2.56	0.99	-0.16	1.13	121.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.03	-0.05	-0.03		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	56.80	ppb
Copper	63-2	0.18	0.17	0.20	0.18	9.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	3.84	3.92	4.36	4.04	6.91	ppb
Iron	57-2	1.57	3.23	2.62	2.47	33.76	ppb
Iron	54-2	3.47	4.00	3.05	3.51	13.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.19	0.15	0.14	0.16	17.30	ppb
Lead	207-1	0.18	0.14	0.13	0.15	14.59	ppb
Lead	208-1	0.18	0.14	0.13	0.15	15.67	ppb
Lithium	6-1				93		%
Magnesium	24-2	9.30	9.26	9.19	9.25	0.60	ppb
Manganese	55-2	0.13	0.13	0.09	0.12	18.86	ppb
Molybdenum	94-1	0.63	0.53	0.53	0.56	9.99	ppb
Molybdenum	95-1	0.38	0.34	0.31	0.34	9.35	ppb
Molybdenum	96-1	0.38	0.35	0.34	0.36	5.56	ppb
Molybdenum	97-1	0.36	0.31	0.29	0.32	11.99	ppb
Molybdenum	98-1	0.37	0.32	0.33	0.34	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.04	-0.07	-0.06		ppb
Phosphorus	31-2	-19.06	-20.59	-16.25	-18.63		ppb
Potassium	39-2	1.06	3.95	2.56	2.52	57.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	0.33	0.70	0.57	0.53	34.44	ppb
Selenium	77-2	0.19	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	-0.12	-0.58	-0.54	-0.41		ppb
Silicon	28-1	-1.06	-1.09	-1.08	-1.08		ppb
Silver	107-1	0.05	0.05	0.05	0.05	7.04	ppb
Silver	109-1	0.07	0.05	0.05	0.06	22.18	ppb
Sodium	23-2	27.56	27.25	26.09	26.97	2.88	ppb
Strontium	86-1	0.60	0.48	0.43	0.50	17.89	ppb
Strontium	88-1	0.61	0.51	0.44	0.52	16.47	ppb
Sulfur	34-1	-143.81	-113.40	-80.67	-112.63		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.05	0.03	0.04	24.52	ppb
Thallium	205-1	0.05	0.05	0.03	0.05	22.40	ppb
Tin	118-1	0.06	0.07	0.10	0.08	27.49	ppb
Titanium	47-1	0.29	0.28	0.26	0.28	4.38	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.02	13.39	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	14.80	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.23	-0.34	-0.30	-0.29		ppb
Zirconium	90-1	0.16	0.14	0.13	0.14	10.90	ppb
Zirconium	91-1	0.17	0.15	0.14	0.15	9.20	ppb

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1220	1190	1187	2.96	cps
Antimony	121-1	73	50	40	54	31.42	cps
Arsenic	75-2	7	17	7	10	57.72	cps
Barium	135-1	153	200	147	167	17.43	cps
Barium	137-1	180	253	207	213	17.40	cps
Beryllium	9-1	37	50	57	48	21.31	cps
Bismuth	209-1	6578632	6438775	6710954	6576120	2.07	cps
Bismuth	209-2	5196132	5225706	5246060	5222633	0.48	cps
Bromine	81-1	8846	8919	8866	8877	0.43	cps
Bromine	81-2	117	180	157	151	21.20	cps
Cadmium	108-1	7	13	10	10	33.30	cps
Cadmium	106-1	2790	2847	2884	2840	1.66	cps
Cadmium	111-1	1959	1997	2018	1991	1.52	cps
Calcium	43-1	503	530	530	521	2.95	cps
Calcium	44-1	26648	26544	26604	26599	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1437	1447	1280	1388	6.74	cps
Cobalt	59-2	290	217	257	254	14.43	cps
Copper	63-2	2160	2220	2050	2144	4.02	cps
Dysprosium	156-1	953	910	850	904	5.74	cps
Dysprosium	156-2	253	183	163	200	23.63	cps
Erbium	164-1	97	83	50	77	31.35	cps
Erbium	164-2	47	50	53	50	6.66	cps
Gadolinium	160-1	70	40	33	48	40.88	cps
Gadolinium	160-2	267	270	290	276	4.58	cps
Holmium	165-1	10490750	10509813	10784702	10595088	1.55	cps
Holmium	165-2	7298689	7429823	7362626	7363713	0.89	cps
Indium	115-1	8830017	8871971	8934405	8878798	0.59	cps
Indium	115-2	3051960	3050993	3068050	3057001	0.31	cps
Iron	56-2	31429	30915	31303	31216	0.86	cps
Iron	57-2	2357	2307	2227	2297	2.86	cps
Iron	54-2	3170	3384	3097	3217	4.63	cps
Krypton	83-1	297	273	293	288	4.38	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410	480	443	444	7.88	cps
Lead	207-1	357	337	400	364	8.88	cps
Lead	208-1	1747	1773	1810	1777	1.79	cps
Lithium	6-1	1710136	1703526	1700762	1704808	0.28	cps
Magnesium	24-2	1140	1083	1130	1118	2.71	cps
Manganese	55-2	1270	1413	1307	1330	5.60	cps
Molybdenum	94-1	293	317	333	314	6.39	cps
Molybdenum	95-1	170	207	180	186	10.22	cps
Molybdenum	96-1	237	263	247	249	5.41	cps
Molybdenum	97-1	150	70	97	106	38.59	cps
Molybdenum	98-1	240	237	260	246	5.14	cps
Neodymium	150-1	3	3	10	6	69.34	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	320	313	367	333	8.72	cps
Phosphorus	31-2	187	140	173	167	14.42	cps
Potassium	39-2	71728	71336	71202	71422	0.38	cps
Rhodium	103-1	8569346	8404914	8572750	8515670	1.13	cps
Rhodium	103-2	5322609	5435371	5315380	5357787	1.26	cps
Scandium	45-1	5701848	5820378	5820295	5780840	1.18	cps
Scandium	45-2	532305	531896	537333	533845	0.57	cps
Selenium	82-1	356	402	509	423	18.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	343	350	347	347	0.96	cps
Silicon	28-1	341123	346947	347435	345168	1.02	cps
Silver	107-1	63	43	70	59	23.57	cps
Silver	109-1	33	17	33	28	34.63	cps
Sodium	23-2	37242	36346	37365	36984	1.50	cps
Strontium	86-1	553	527	580	553	4.82	cps
Strontium	88-1	843	890	957	897	6.35	cps
Sulfur	34-1	264658	260694	264821	263391	0.89	cps
Terbium	159-1	10884144	11049701	10956792	10963546	0.76	cps
Terbium	159-2	7448892	7400523	7370142	7406519	0.54	cps
Thallium	203-1	333	337	347	339	2.05	cps
Thallium	205-1	830	843	833	836	0.83	cps
Tin	118-1	2167	2084	2127	2126	1.96	cps
Titanium	47-1	280	287	240	269	9.39	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:54:34	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	130	160	137	142	11.08	cps
Vanadium	51-2	50	73	60	61	19.15	cps
Yttrium	89-1	14982696	15075437	15241816	15099983	0.87	cps
Yttrium	89-2	3866997	3945051	3882484	3898178	1.06	cps
Zinc	66-2	1200	1280	1227	1236	3.30	cps
Zirconium	90-1	753	707	790	750	5.57	cps
Zirconium	91-1	147	203	170	173	16.43	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6878	7005	6905	6929	0.96	cps
Antimony	121-1	20168	20254	20618	20347	1.17	cps
Arsenic	75-2	560	667	573	600	9.69	cps
Barium	135-1	24371	25152	24929	24817	1.62	cps
Barium	137-1	42417	44025	43540	43327	1.90	cps
Beryllium	9-1	1973	2160	2057	2063	4.53	cps
Bismuth	209-1	6535842	6493323	6549162	6526109	0.45	cps
Bismuth	209-2	5218671	5200294	5203978	5207648	0.19	cps
Bromine	81-1	8893	8833	9013	8913	1.03	cps
Bromine	81-2	157	113	213	161	31.13	cps
Cadmium	108-1	177	180	223	193	13.47	cps
Cadmium	106-1	3240	3157	3117	3171	1.98	cps
Cadmium	111-1	4908	4678	4703	4763	2.66	cps
Calcium	43-1	17644	17674	17927	17748	0.88	cps
Calcium	44-1	306261	309112	310487	308620	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11698	11915	11494	11702	1.80	cps
Cobalt	59-2	8382	8636	8409	8476	1.64	cps
Copper	63-2	14127	13837	13937	13967	1.06	cps
Dysprosium	156-1	890	817	960	889	8.06	cps
Dysprosium	156-2	213	213	210	212	0.91	cps
Erbium	164-1	80	57	67	68	17.27	cps
Erbium	164-2	50	67	63	60	14.70	cps
Gadolinium	160-1	50	37	47	44	15.61	cps
Gadolinium	160-2	287	320	250	286	12.26	cps
Holmium	165-1	10620664	10547977	10885030	10684557	1.66	cps
Holmium	165-2	7470733	7394862	7359099	7408231	0.77	cps
Indium	115-1	8679280	8852689	8849527	8793832	1.13	cps
Indium	115-2	3080713	3088910	3047084	3072236	0.72	cps
Iron	56-2	264224	263844	263624	263897	0.12	cps
Iron	57-2	8246	8706	8219	8390	3.26	cps
Iron	54-2	16619	16536	16466	16540	0.46	cps
Krypton	83-1	287	323	300	303	6.12	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7442	6865	7532	7280	4.97	cps
Lead	207-1	6378	6485	6388	6417	0.92	cps
Lead	208-1	29086	28645	28782	28838	0.78	cps
Lithium	6-1	1692448	1730707	1710233	1711129	1.12	cps
Magnesium	24-2	264849	265551	266013	265471	0.22	cps
Manganese	55-2	5301	5541	5278	5373	2.71	cps
Molybdenum	94-1	22057	22668	22674	22466	1.58	cps
Molybdenum	95-1	27259	27432	27633	27441	0.68	cps
Molybdenum	96-1	29313	30174	30375	29954	1.88	cps
Molybdenum	97-1	16736	16987	17227	16983	1.44	cps
Molybdenum	98-1	42682	43250	44645	43526	2.32	cps
Neodymium	150-1	3	13	10	9	57.30	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	2477	2390	2610	2492	4.45	cps
Phosphorus	31-2	687	680	813	727	10.34	cps
Potassium	39-2	378697	381564	380068	380110	0.38	cps
Rhodium	103-1	8466971	8395914	8563820	8475568	0.99	cps
Rhodium	103-2	5312766	5268237	5204198	5261734	1.04	cps
Scandium	45-1	5709570	5757217	5810246	5759011	0.87	cps
Scandium	45-2	540276	536739	534490	537168	0.54	cps
Selenium	82-1	1322	1356	1354	1344	1.42	cps
Selenium	77-2	97	90	77	88	11.60	cps
Selenium	78-2	590	627	620	612	3.19	cps
Silicon	28-1	375878	375575	380972	377475	0.80	cps
Silver	107-1	12722	12649	12666	12679	0.30	cps
Silver	109-1	12025	11958	12295	12093	1.48	cps
Sodium	23-2	469162	465924	463879	466321	0.57	cps
Strontium	86-1	4234	4074	4071	4126	2.26	cps
Strontium	88-1	30969	32302	32416	31896	2.52	cps
Sulfur	34-1	275624	276483	275281	275796	0.22	cps
Terbium	159-1	10812848	10884182	10873892	10856974	0.36	cps
Terbium	159-2	7360753	7359758	7244918	7321809	0.91	cps
Thallium	203-1	8736	8576	8706	8673	0.98	cps
Thallium	205-1	20582	20569	21073	20741	1.39	cps
Tin	118-1	42472	43994	43666	43377	1.85	cps
Titanium	47-1	7779	8049	8649	8159	5.46	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 02:57:55	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26086	26202	26713	26334	1.27	cps
Vanadium	51-2	22817	23241	22817	22959	1.07	cps
Yttrium	89-1	15155268	15166044	15179803	15167038	0.08	cps
Yttrium	89-2	3860705	3865856	3874741	3867101	0.18	cps
Zinc	66-2	6308	6668	7085	6687	5.82	cps
Zirconium	90-1	19279	19410	19917	19535	1.72	cps
Zirconium	91-1	4281	4324	4167	4257	1.90	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	294268	298378	298162	296936	0.78	cps
Antimony	121-1	507658	519929	522173	516587	1.51	cps
Arsenic	75-2	31129	30638	30712	30826	0.86	cps
Barium	135-1	653088	667218	672383	664230	1.50	cps
Barium	137-1	1124261	1153313	1152184	1143253	1.44	cps
Beryllium	9-1	100563	102327	103934	102275	1.65	cps
Bismuth	209-1	6580609	6544895	6247637	6457714	2.83	cps
Bismuth	209-2	5257548	5173613	5209348	5213503	0.81	cps
Bromine	81-1	9026	8986	8793	8935	1.40	cps
Bromine	81-2	147	140	120	136	10.24	cps
Cadmium	108-1	10137	9607	9984	9909	2.75	cps
Cadmium	106-1	17244	17631	17157	17344	1.45	cps
Cadmium	111-1	137464	141807	140753	140008	1.62	cps
Calcium	43-1	201097	206563	206572	204744	1.54	cps
Calcium	44-1	2871382	2895467	2893373	2886741	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	266471	268880	267205	267519	0.46	cps
Cobalt	59-2	408373	402413	402246	404344	0.86	cps
Copper	63-2	2877887	2933104	2903169	2904720	0.95	cps
Dysprosium	156-1	1000	980	930	970	3.72	cps
Dysprosium	156-2	233	217	253	234	7.83	cps
Erbium	164-1	87	93	103	94	8.88	cps
Erbium	164-2	37	87	53	59	43.23	cps
Gadolinium	160-1	53	67	73	64	15.80	cps
Gadolinium	160-2	260	327	347	311	14.58	cps
Holmium	165-1	10539589	10668302	10242111	10483334	2.09	cps
Holmium	165-2	7390706	7367049	7433140	7396965	0.45	cps
Indium	115-1	8855719	8911367	8608785	8791957	1.83	cps
Indium	115-2	3086803	3019243	3099724	3068590	1.41	cps
Iron	56-2	11144076	11350227	11346071	11280125	1.04	cps
Iron	57-2	296977	301612	301205	299931	0.86	cps
Iron	54-2	672528	674115	667334	671326	0.53	cps
Krypton	83-1	260	300	367	309	17.44	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1856405	1930673	1960169	1915749	2.79	cps
Lead	207-1	1532545	1563316	1578915	1558258	1.51	cps
Lead	208-1	7450127	7617833	7680015	7582658	1.57	cps
Lithium	6-1	1730236	1741336	1645553	1705708	3.07	cps
Magnesium	24-2	2434355	2421940	2390709	2415668	0.93	cps
Manganese	55-2	1841898	1890407	1908353	1880219	1.83	cps
Molybdenum	94-1	2073968	2121679	2114909	2103519	1.23	cps
Molybdenum	95-1	3021841	3116886	3103463	3080730	1.67	cps
Molybdenum	96-1	3248706	3358535	3341926	3316389	1.79	cps
Molybdenum	97-1	1900759	1930389	1923806	1918318	0.81	cps
Molybdenum	98-1	4806074	4928162	4974539	4902925	1.77	cps
Neodymium	150-1	33	27	47	36	28.64	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	103614	103658	103913	103729	0.16	cps
Phosphorus	31-2	15691	15545	15595	15610	0.48	cps
Potassium	39-2	1542078	1548552	1562455	1551028	0.67	cps
Rhodium	103-1	8630877	8626367	8221552	8492932	2.77	cps
Rhodium	103-2	5292976	5245007	5327048	5288344	0.78	cps
Scandium	45-1	5841428	5852274	5648861	5780854	1.98	cps
Scandium	45-2	545533	543168	543938	544213	0.22	cps
Selenium	82-1	9569	9553	9738	9620	1.07	cps
Selenium	77-2	797	850	940	862	8.40	cps
Selenium	78-2	3457	3077	3244	3259	5.85	cps
Silicon	28-1	2417811	2480619	2482312	2460247	1.49	cps
Silver	107-1	685459	704197	704832	698163	1.58	cps
Silver	109-1	643567	660132	663075	655591	1.60	cps
Sodium	23-2	4251852	4183317	4180325	4205165	0.96	cps
Strontium	86-1	4604922	4553305	4609552	4589260	0.68	cps
Strontium	88-1	38668035	39544431	40227996	39480154	1.98	cps
Sulfur	34-1	332465	329996	332745	331735	0.46	cps
Terbium	159-1	11055691	11056536	10595655	10902627	2.44	cps
Terbium	159-2	7529126	7259019	7447409	7411851	1.87	cps
Thallium	203-1	430747	439250	440266	436754	1.20	cps
Thallium	205-1	1032168	1055593	1065385	1051049	1.62	cps
Tin	118-1	436106	448509	448498	444371	1.61	cps
Titanium	47-1	893758	911057	911463	905426	1.12	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:01:17	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1334242	1374158	1377124	1361841	1.76	cps
Vanadium	51-2	233283	236979	236594	235618	0.86	cps
Yttrium	89-1	15284070	15263839	14809209	15119040	1.78	cps
Yttrium	89-2	3854608	3908942	3905079	3889543	0.78	cps
Zinc	66-2	446591	449303	448966	448287	0.33	cps
Zirconium	90-1	970194	989342	1002448	987328	1.64	cps
Zirconium	91-1	214600	220969	222133	219234	1.85	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	771023	763027	763410	765820	0.59	cps
Antimony	121-1	1325263	1354019	1362974	1347419	1.46	cps
Arsenic	75-2	79538	81321	80121	80327	1.13	cps
Barium	135-1	1766491	1793565	1820906	1793654	1.52	cps
Barium	137-1	2998116	3057739	3148556	3068137	2.47	cps
Beryllium	9-1	256821	262226	264266	261104	1.47	cps
Bismuth	209-1	6652264	6804025	6857242	6771177	1.57	cps
Bismuth	209-2	5395802	5347352	5316259	5353138	0.75	cps
Bromine	81-1	8883	8646	8879	8803	1.54	cps
Bromine	81-2	130	117	127	124	5.57	cps
Cadmium	108-1	25897	26695	27059	26550	2.24	cps
Cadmium	106-1	39938	40222	40653	40271	0.89	cps
Cadmium	111-1	354704	362376	362234	359772	1.22	cps
Calcium	43-1	518429	522433	529036	523299	1.02	cps
Calcium	44-1	7310070	7405302	7456335	7390569	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	690895	690802	687492	689730	0.28	cps
Cobalt	59-2	1049945	1043518	1040867	1044777	0.45	cps
Copper	63-2	7413302	7340243	7331218	7361588	0.61	cps
Dysprosium	156-1	967	1133	1053	1051	7.93	cps
Dysprosium	156-2	327	323	287	312	7.11	cps
Erbium	164-1	90	87	90	89	2.16	cps
Erbium	164-2	70	90	93	84	14.94	cps
Gadolinium	160-1	50	87	47	61	36.32	cps
Gadolinium	160-2	303	343	297	314	8.03	cps
Holmium	165-1	10958042	10949139	11005146	10970775	0.27	cps
Holmium	165-2	7640889	7704902	7680864	7675552	0.42	cps
Indium	115-1	9014190	9043063	9149788	9069014	0.79	cps
Indium	115-2	3180412	3130019	3198160	3169531	1.12	cps
Iron	56-2	28881022	28973822	29069845	28974896	0.33	cps
Iron	57-2	776566	769187	775645	773800	0.52	cps
Iron	54-2	1613668	1618050	1624989	1618902	0.35	cps
Krypton	83-1	263	340	300	301	12.73	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4870521	4993453	5255610	5039861	3.90	cps
Lead	207-1	4355346	4463770	4552318	4457145	2.21	cps
Lead	208-1	19816026	20145768	20807030	20256275	2.49	cps
Lithium	6-1	1713115	1703547	1758060	1724908	1.69	cps
Magnesium	24-2	6170426	6200760	6201020	6190735	0.28	cps
Manganese	55-2	4766962	4784405	4785813	4779060	0.22	cps
Molybdenum	94-1	5297921	5445850	5527323	5423698	2.14	cps
Molybdenum	95-1	7814555	8134029	8030428	7993004	2.04	cps
Molybdenum	96-1	8566555	8788216	8657067	8670613	1.29	cps
Molybdenum	97-1	4892384	4998439	5018018	4969614	1.36	cps
Molybdenum	98-1	12546603	12740425	12786736	12691255	1.00	cps
Neodymium	150-1	80	97	120	99	20.32	cps
Neodymium	150-2	20	17	17	18	10.81	cps
Nickel	60-2	266119	265536	266878	266178	0.25	cps
Phosphorus	31-2	41309	40096	39768	40391	2.01	cps
Potassium	39-2	3921526	3829288	3878079	3876298	1.19	cps
Rhodium	103-1	8722725	8721690	8759850	8734755	0.25	cps
Rhodium	103-2	5440371	5356260	5448179	5414937	0.94	cps
Scandium	45-1	5833580	5939428	5933205	5902071	1.01	cps
Scandium	45-2	556978	553162	555414	555185	0.35	cps
Selenium	82-1	23924	24196	24387	24169	0.96	cps
Selenium	77-2	2497	2407	2404	2436	2.17	cps
Selenium	78-2	8116	8319	8122	8186	1.41	cps
Silicon	28-1	5097530	5176256	5198160	5157315	1.03	cps
Silver	107-1	1815938	1842690	1823014	1827214	0.76	cps
Silver	109-1	1696456	1732590	1718560	1715869	1.06	cps
Sodium	23-2	10926326	10880099	10682504	10829643	1.20	cps
Strontium	86-1	11527411	11787826	11785679	11700305	1.28	cps
Strontium	88-1	100527422	102527692	103837282	102297465	1.63	cps
Sulfur	34-1	408572	408925	409414	408970	0.10	cps
Terbium	159-1	11110332	11376402	11267608	11251447	1.19	cps
Terbium	159-2	7749418	7702494	7596479	7682797	1.02	cps
Thallium	203-1	1123345	1151209	1160498	1145017	1.69	cps
Thallium	205-1	2931919	3006204	3085100	3007741	2.55	cps
Tin	118-1	1133430	1155437	1169297	1152721	1.57	cps
Titanium	47-1	2236716	2249411	2261199	2249109	0.54	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:04:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3899199	4004996	4082421	3995539	2.30	cps
Vanadium	51-2	610695	605197	610773	608888	0.53	cps
Yttrium	89-1	15453725	15639274	15696299	15596433	0.81	cps
Yttrium	89-2	4012281	3989181	3976563	3992675	0.45	cps
Zinc	66-2	1173922	1160978	1165824	1166908	0.56	cps
Zirconium	90-1	2479337	2532838	2521620	2511265	1.12	cps
Zirconium	91-1	556419	570831	573860	567037	1.64	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1449102	1454677	1432018	1445265	0.82	cps
Antimony	121-1	2698245	2789835	2780745	2756275	1.83	cps
Arsenic	75-2	159530	158852	159460	159281	0.23	cps
Barium	135-1	3577822	3609089	3594496	3593802	0.44	cps
Barium	137-1	5956029	6235609	6197764	6129801	2.47	cps
Beryllium	9-1	501795	514253	515273	510441	1.47	cps
Bismuth	209-1	6808854	6953809	6753702	6838789	1.51	cps
Bismuth	209-2	5298902	5463129	5400235	5387422	1.54	cps
Bromine	81-1	9083	9026	9246	9118	1.25	cps
Bromine	81-2	113	127	123	121	5.73	cps
Cadmium	108-1	51197	52397	53378	52324	2.09	cps
Cadmium	106-1	76470	77334	77686	77163	0.81	cps
Cadmium	111-1	701177	715362	722851	713130	1.54	cps
Calcium	43-1	1028553	1055534	1059207	1047765	1.60	cps
Calcium	44-1	14612832	14932499	14743077	14762803	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1368106	1366101	1363187	1365798	0.18	cps
Cobalt	59-2	2052312	2015004	2011532	2026283	1.12	cps
Copper	63-2	14343297	14670433	14448817	14487516	1.15	cps
Dysprosium	156-1	1250	1147	1083	1160	7.25	cps
Dysprosium	156-2	413	430	427	423	2.08	cps
Erbium	164-1	117	100	130	116	13.01	cps
Erbium	164-2	53	73	70	66	16.35	cps
Gadolinium	160-1	63	67	110	80	32.54	cps
Gadolinium	160-2	330	323	343	332	3.07	cps
Holmium	165-1	11059075	11103378	11331657	11164703	1.31	cps
Holmium	165-2	7847398	7796729	7704407	7782844	0.93	cps
Indium	115-1	8934074	9100950	9182893	9072639	1.40	cps
Indium	115-2	3231088	3157224	3195973	3194762	1.16	cps
Iron	56-2	57716639	57233847	56833076	57261187	0.77	cps
Iron	57-2	1436340	1415942	1407616	1419966	1.04	cps
Iron	54-2	3218630	3232078	3185374	3212027	0.75	cps
Krypton	83-1	317	317	307	313	1.84	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9764751	10044079	10179565	9996131	2.12	cps
Lead	207-1	8772711	8974070	9067089	8937957	1.68	cps
Lead	208-1	39902877	40782001	41171998	40618959	1.60	cps
Lithium	6-1	1761039	1716190	1767831	1748353	1.60	cps
Magnesium	24-2	12222968	12353046	12343546	12306520	0.59	cps
Manganese	55-2	9445396	9540162	9418188	9467915	0.68	cps
Molybdenum	94-1	10780174	11039627	11153601	10991134	1.74	cps
Molybdenum	95-1	15899447	16190075	16271189	16120237	1.21	cps
Molybdenum	96-1	17328955	17449731	17676068	17484918	1.01	cps
Molybdenum	97-1	9782832	10029078	10028733	9946881	1.43	cps
Molybdenum	98-1	24972941	25708346	26024552	25568613	2.11	cps
Neodymium	150-1	127	137	130	131	3.88	cps
Neodymium	150-2	37	40	47	41	12.39	cps
Nickel	60-2	524247	522891	525612	524250	0.26	cps
Phosphorus	31-2	80115	80038	79702	79952	0.27	cps
Potassium	39-2	7600700	7613712	7642946	7619119	0.28	cps
Rhodium	103-1	8752727	8741989	8804800	8766505	0.38	cps
Rhodium	103-2	5410176	5432739	5470426	5437780	0.56	cps
Scandium	45-1	5973341	6009441	6003864	5995549	0.32	cps
Scandium	45-2	558436	556672	558321	557810	0.18	cps
Selenium	82-1	46825	48139	48333	47765	1.72	cps
Selenium	77-2	4657	4841	4651	4716	2.29	cps
Selenium	78-2	15792	15795	16019	15869	0.82	cps
Silicon	28-1	10273279	10340885	10419278	10344481	0.71	cps
Silver	107-1	3607173	3627993	3678127	3637764	1.00	cps
Silver	109-1	3327047	3421646	3464020	3404238	2.06	cps
Sodium	23-2	21372752	21576498	21528856	21492702	0.50	cps
Strontium	86-1	23262244	23913098	24014335	23729892	1.72	cps
Strontium	88-1	204260297	207923077	207558824	206580732	0.98	cps
Sulfur	34-1	536810	544048	539971	540276	0.67	cps
Terbium	159-1	11313067	11385302	11437709	11378693	0.55	cps
Terbium	159-2	7843510	7788624	7709029	7780388	0.87	cps
Thallium	203-1	2471628	2538062	2550339	2520009	1.68	cps
Thallium	205-1	5831735	5971274	6054109	5952372	1.89	cps
Tin	118-1	2271447	2378255	2348473	2332725	2.36	cps
Titanium	47-1	4403457	4536183	4491185	4476942	1.51	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:07:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7798419	8062685	8016386	7959163	1.77	cps
Vanadium	51-2	1216360	1214704	1214627	1215230	0.08	cps
Yttrium	89-1	15784542	16022796	16057714	15955017	0.93	cps
Yttrium	89-2	4064643	4061187	4031485	4052438	0.45	cps
Zinc	66-2	2292192	2278902	2296908	2289334	0.41	cps
Zirconium	90-1	4923415	5020918	5166955	5037096	2.43	cps
Zirconium	91-1	1123370	1149101	1151554	1141342	1.37	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2825708	2829643	2834314	2829888	0.15	cps
Antimony	121-1	5472396	5565917	5570598	5536304	1.00	cps
Arsenic	75-2	318452	314041	316673	316389	0.70	cps
Barium	135-1	7165206	7343542	7289298	7266015	1.26	cps
Barium	137-1	12297876	12662249	12509561	12489896	1.47	cps
Beryllium	9-1	1003316	1018089	1010269	1010558	0.73	cps
Bismuth	209-1	6869771	6873683	6902341	6881932	0.26	cps
Bismuth	209-2	5374907	5418362	5394033	5395768	0.40	cps
Bromine	81-1	9420	9346	9303	9356	0.63	cps
Bromine	81-2	123	127	117	122	4.17	cps
Cadmium	108-1	103892	105251	105990	105044	1.01	cps
Cadmium	106-1	151695	152855	152528	152359	0.39	cps
Cadmium	111-1	1421170	1434091	1439134	1431465	0.65	cps
Calcium	43-1	1954837	1980016	1976099	1970317	0.69	cps
Calcium	44-1	29473131	29826488	29605985	29635201	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2607857	2560633	2577146	2581879	0.93	cps
Cobalt	59-2	3916149	3985610	3994282	3965347	1.08	cps
Copper	63-2	28420860	28189052	28390196	28333370	0.44	cps
Dysprosium	156-1	1243	1190	1277	1237	3.54	cps
Dysprosium	156-2	567	500	533	533	6.25	cps
Erbium	164-1	137	167	157	153	9.96	cps
Erbium	164-2	67	70	93	77	18.95	cps
Gadolinium	160-1	157	90	93	113	33.15	cps
Gadolinium	160-2	340	280	317	312	9.69	cps
Holmium	165-1	11476402	11482636	11674276	11544438	0.97	cps
Holmium	165-2	7946983	7830032	7958040	7911685	0.90	cps
Indium	115-1	9167036	9204465	9128650	9166717	0.41	cps
Indium	115-2	3116075	3128863	3182466	3142468	1.12	cps
Iron	56-2	112864122	112258935	113800095	112974384	0.69	cps
Iron	57-2	2809940	2791263	2838017	2813073	0.84	cps
Iron	54-2	6354866	6267026	6212381	6278091	1.14	cps
Krypton	83-1	330	317	263	303	11.63	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20043559	20805360	21095884	20648268	2.63	cps
Lead	207-1	17984113	18567748	18582061	18377974	1.86	cps
Lead	208-1	81575119	84089602	84062955	83242558	1.73	cps
Lithium	6-1	1732914	1746253	1708433	1729200	1.11	cps
Magnesium	24-2	24036545	23758344	24083159	23959349	0.73	cps
Manganese	55-2	18875269	18734165	18695628	18768354	0.50	cps
Molybdenum	94-1	21842230	22266296	22025011	22044512	0.96	cps
Molybdenum	95-1	32214103	32950783	32147180	32437355	1.37	cps
Molybdenum	96-1	34613596	35386325	34979978	34993300	1.10	cps
Molybdenum	97-1	19906788	20125674	20279291	20103917	0.93	cps
Molybdenum	98-1	50850034	51806289	51811378	51489234	1.08	cps
Neodymium	150-1	220	350	343	304	24.05	cps
Neodymium	150-2	93	100	47	80	36.32	cps
Nickel	60-2	1021888	1017512	1022130	1020510	0.25	cps
Phosphorus	31-2	155379	153891	156043	155104	0.71	cps
Potassium	39-2	14862316	14967484	14918679	14916160	0.35	cps
Rhodium	103-1	8752025	8691898	8749288	8731070	0.39	cps
Rhodium	103-2	5410211	5400316	5382051	5397526	0.26	cps
Scandium	45-1	6032522	6068398	5985716	6028879	0.69	cps
Scandium	45-2	552129	546139	553926	550731	0.74	cps
Selenium	82-1	93300	96553	94332	94728	1.75	cps
Selenium	77-2	9016	8839	9290	9048	2.51	cps
Selenium	78-2	30709	30585	30692	30662	0.22	cps
Silicon	28-1	20259680	20444075	20289624	20331126	0.49	cps
Silver	107-1	7080396	7213148	7264462	7186002	1.32	cps
Silver	109-1	6718570	6779591	6834773	6777645	0.86	cps
Sodium	23-2	41692229	41504878	41802181	41666429	0.36	cps
Strontium	86-1	47209801	47943468	47641993	47598420	0.77	cps
Strontium	88-1	413464701	415822780	413770821	414352767	0.31	cps
Sulfur	34-1	800384	803098	790195	797892	0.85	cps
Terbium	159-1	11724453	11763621	11939486	11809187	0.97	cps
Terbium	159-2	7726792	7711601	7888518	7775637	1.26	cps
Thallium	203-1	5126060	5058344	5217848	5134084	1.56	cps
Thallium	205-1	12082674	12376945	12362402	12274007	1.35	cps
Tin	118-1	4642057	4714988	4692747	4683264	0.80	cps
Titanium	47-1	8958029	9075865	8924565	8986153	0.88	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:10:12	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16132771	16759141	16450057	16447323	1.90	cps
Vanadium	51-2	2302811	2281419	2268657	2284296	0.76	cps
Yttrium	89-1	16058888	16316899	16190282	16188690	0.80	cps
Yttrium	89-2	4041364	4015085	4048243	4034897	0.43	cps
Zinc	66-2	4479715	4401643	4453496	4444952	0.89	cps
Zirconium	90-1	10043266	10258585	10109446	10137099	1.09	cps
Zirconium	91-1	2217589	2251836	2236842	2235422	0.77	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5778757	5817024	5800655	5798812	0.33	cps
Antimony	121-1	11220637	11411759	11436715	11356371	1.04	cps
Arsenic	75-2	655267	653549	653542	654119	0.15	cps
Barium	135-1	14550536	14924361	15160864	14878587	2.07	cps
Barium	137-1	25237828	25358825	25587645	25394766	0.70	cps
Beryllium	9-1	1876346	1902399	1882435	1887060	0.72	cps
Bismuth	209-1	6933039	6994268	7151503	7026270	1.60	cps
Bismuth	209-2	5352285	5437218	5497240	5428914	1.34	cps
Bromine	81-1	9730	9403	9517	9550	1.74	cps
Bromine	81-2	110	80	103	98	16.11	cps
Cadmium	108-1	207554	212605	212710	210956	1.40	cps
Cadmium	106-1	299453	305579	306685	303906	1.28	cps
Cadmium	111-1	2849107	2948925	2928436	2908823	1.81	cps
Calcium	43-1	3961748	4028774	4052157	4014226	1.17	cps
Calcium	44-1	59597619	60655451	60836842	60363304	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5359234	5340268	5325980	5341827	0.31	cps
Cobalt	59-2	8069627	8202329	8170322	8147426	0.85	cps
Copper	63-2	57848431	58276104	57527859	57884131	0.65	cps
Dysprosium	156-1	1340	1407	1433	1393	3.45	cps
Dysprosium	156-2	830	843	813	829	1.81	cps
Erbium	164-1	227	220	203	217	5.55	cps
Erbium	164-2	160	150	167	159	5.28	cps
Gadolinium	160-1	140	120	203	154	28.17	cps
Gadolinium	160-2	443	430	377	417	8.47	cps
Holmium	165-1	11837151	11728206	11533401	11699586	1.32	cps
Holmium	165-2	8117521	8210587	8224503	8184203	0.71	cps
Indium	115-1	9167370	9197306	9254385	9206353	0.48	cps
Indium	115-2	3174483	3186783	3150493	3170586	0.58	cps
Iron	56-2	232448543	231245637	230612423	231435534	0.40	cps
Iron	57-2	5781485	5709584	5767179	5752749	0.66	cps
Iron	54-2	12984676	12869346	12879965	12911329	0.49	cps
Krypton	83-1	327	310	337	324	4.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41672614	42016471	42059335	41916140	0.51	cps
Lead	207-1	36522689	37288102	37067072	36959288	1.07	cps
Lead	208-1	166535874	169232092	169781096	168516354	1.03	cps
Lithium	6-1	1764703	1775203	1753443	1764449	0.62	cps
Magnesium	24-2	49415398	49030474	49443698	49296523	0.47	cps
Manganese	55-2	38702031	38769745	38657304	38709694	0.15	cps
Molybdenum	94-1	44135049	45218446	44995621	44783039	1.28	cps
Molybdenum	95-1	65059661	67029217	66666619	66251832	1.58	cps
Molybdenum	96-1	70468421	72610517	71928444	71669127	1.53	cps
Molybdenum	97-1	40346260	41565534	41564919	41158904	1.71	cps
Molybdenum	98-1	103430478	106020398	106313618	105254832	1.51	cps
Neodymium	150-1	553	547	607	569	5.78	cps
Neodymium	150-2	150	197	100	149	32.47	cps
Nickel	60-2	2092452	2111215	2090772	2098147	0.54	cps
Phosphorus	31-2	323781	321217	320370	321790	0.55	cps
Potassium	39-2	30684106	30805067	30423965	30637713	0.64	cps
Rhodium	103-1	8821099	8852645	8913650	8862465	0.53	cps
Rhodium	103-2	5484163	5484549	5368437	5445716	1.23	cps
Scandium	45-1	6154598	6170098	6134614	6153103	0.29	cps
Scandium	45-2	573373	573147	571173	572564	0.21	cps
Selenium	82-1	191032	193748	193678	192819	0.80	cps
Selenium	77-2	19343	18782	18582	18902	2.09	cps
Selenium	78-2	63070	63268	63177	63172	0.16	cps
Silicon	28-1	38612830	38885645	38758804	38752427	0.35	cps
Silver	107-1	14332439	14530839	14621859	14495045	1.02	cps
Silver	109-1	13355884	13640864	13728515	13575088	1.44	cps
Sodium	23-2	86363789	86869079	86499889	86577585	0.30	cps
Strontium	86-1	95312135	98152005	98042205	97168782	1.66	cps
Strontium	88-1	824105721	850361987	851631294	842033001	1.85	cps
Sulfur	34-1	1351514	1378233	1354628	1361459	1.07	cps
Terbium	159-1	12239018	11894384	11981303	12038235	1.49	cps
Terbium	159-2	8063576	8091779	8113448	8089601	0.31	cps
Thallium	203-1	10367459	10535813	10487337	10463536	0.83	cps
Thallium	205-1	24893366	25181958	24945523	25006949	0.61	cps
Tin	118-1	9471699	9666314	9823295	9653770	1.82	cps
Titanium	47-1	18275671	18484663	18444157	18401497	0.60	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:13:01	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33422602	33502472	33779854	33568309	0.56	cps
Vanadium	51-2	4706296	4695043	4725050	4708796	0.32	cps
Yttrium	89-1	16394041	16421298	16392557	16402632	0.10	cps
Yttrium	89-2	4134318	4130992	4088900	4118070	0.61	cps
Zinc	66-2	9028710	9200957	8979215	9069628	1.28	cps
Zirconium	90-1	20420166	20784496	20875120	20693261	1.16	cps
Zirconium	91-1	4531909	4606109	4638749	4592256	1.19	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30334137	30485226	30381443	30400269	0.25	cps
Antimony	121-1	8216	8346	8196	8252	0.99	cps
Arsenic	75-2	367	410	437	404	8.74	cps
Barium	135-1	6672	6381	6255	6436	3.32	cps
Barium	137-1	11158	10691	10798	10882	2.25	cps
Beryllium	9-1	273	277	210	253	14.83	cps
Bismuth	209-1	6224848	6165722	6061308	6150626	1.35	cps
Bismuth	209-2	4828550	4873962	4855044	4852519	0.47	cps
Bromine	81-1	11021	11144	10807	10991	1.55	cps
Bromine	81-2	120	123	153	132	13.89	cps
Cadmium	108-1	110	97	107	104	6.64	cps
Cadmium	106-1	3304	3370	3160	3278	3.27	cps
Cadmium	111-1	2776	2778	2604	2719	3.67	cps
Calcium	43-1	17225820	17324158	17475394	17341791	0.72	cps
Calcium	44-1	280953456	282938909	285426042	283106136	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18428	20287	18618	19111	5.35	cps
Cobalt	59-2	22100	22103	22490	22231	1.01	cps
Copper	63-2	13700	13990	13526	13739	1.71	cps
Dysprosium	156-1	1337	1353	1440	1377	4.03	cps
Dysprosium	156-2	517	587	553	552	6.34	cps
Erbium	164-1	503	503	520	509	1.89	cps
Erbium	164-2	330	367	373	357	6.54	cps
Gadolinium	160-1	427	470	380	426	10.58	cps
Gadolinium	160-2	510	480	607	532	12.44	cps
Holmium	165-1	11528197	11210149	11063193	11267180	2.11	cps
Holmium	165-2	7936880	7871322	7727587	7845263	1.36	cps
Indium	115-1	8917491	8947208	8874070	8912923	0.41	cps
Indium	115-2	3173147	3124998	3128951	3142365	0.85	cps
Iron	56-2	1133789903	1127657930	1125787557	1129078463	0.37	cps
Iron	57-2	28394889	28222454	28351295	28322879	0.32	cps
Iron	54-2	63523431	61960709	62430174	62638105	1.28	cps
Krypton	83-1	417	363	380	387	7.06	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7862	7462	6935	7420	6.27	cps
Lead	207-1	6812	6232	6302	6448	4.91	cps
Lead	208-1	30460	28699	28175	29111	4.11	cps
Lithium	6-1	1697483	1691848	1679184	1689505	0.55	cps
Magnesium	24-2	257930576	254789483	254785776	255835278	0.71	cps
Manganese	55-2	21539	22040	21218	21599	1.92	cps
Molybdenum	94-1	10938	10314	10577	10610	2.95	cps
Molybdenum	95-1	10317	10090	10110	10172	1.23	cps
Molybdenum	96-1	21509	20745	20685	20980	2.19	cps
Molybdenum	97-1	6602	6088	6005	6231	5.19	cps
Molybdenum	98-1	16219	14854	14401	15158	6.24	cps
Neodymium	150-1	207	243	193	214	12.07	cps
Neodymium	150-2	133	143	137	138	3.70	cps
Nickel	60-2	8476	8299	8266	8347	1.35	cps
Phosphorus	31-2	280	310	357	316	12.24	cps
Potassium	39-2	161771191	161263434	162187454	161740693	0.29	cps
Rhodium	103-1	8217095	8042242	8119563	8126300	1.08	cps
Rhodium	103-2	5105051	5039573	4961726	5035450	1.42	cps
Scandium	45-1	6248983	6206029	6128266	6194426	0.99	cps
Scandium	45-2	575613	575460	578446	576506	0.29	cps
Selenium	82-1	619	606	653	626	3.92	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	350	407	377	378	7.50	cps
Silicon	28-1	434397	424419	419628	426148	1.77	cps
Silver	107-1	2087	1990	1837	1971	6.40	cps
Silver	109-1	2067	1870	1650	1862	11.19	cps
Sodium	23-2	437082380	433769114	435278887	435376794	0.38	cps
Strontium	86-1	17828	16336	16299	16821	5.18	cps
Strontium	88-1	149979	142960	137283	143408	4.43	cps
Sulfur	34-1	266805	270173	272092	269690	0.99	cps
Terbium	159-1	11663803	11638172	11425729	11575902	1.13	cps
Terbium	159-2	7781902	7752892	7755032	7763276	0.21	cps
Thallium	203-1	1610	1303	1407	1440	10.84	cps
Thallium	205-1	3804	3457	2924	3395	13.06	cps
Tin	118-1	6048	6458	6335	6280	3.35	cps
Titanium	47-1	2767	2657	2697	2707	2.06	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:15:49	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2070	1760	1727	1852	10.22	cps
Vanadium	51-2	1190	1140	1093	1141	4.24	cps
Yttrium	89-1	16063697	16059149	15938824	16020557	0.44	cps
Yttrium	89-2	4161248	4184348	4090661	4145419	1.18	cps
Zinc	66-2	5418	5221	5554	5398	3.11	cps
Zirconium	90-1	13073	12772	12662	12836	1.65	cps
Zirconium	91-1	2647	2904	2984	2845	6.18	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151243	150684	151371	151099	0.24	cps
Antimony	121-1	2129004	2159160	2196376	2161513	1.56	cps
Arsenic	75-2	131678	131442	130925	131348	0.29	cps
Barium	135-1	260199	265751	269423	265124	1.75	cps
Barium	137-1	456851	461933	463924	460903	0.79	cps
Beryllium	9-1	195624	199475	198521	197873	1.01	cps
Bismuth	209-1	6554406	6526581	6556092	6545693	0.25	cps
Bismuth	209-2	5378029	5433368	5386187	5399195	0.55	cps
Bromine	81-1	9913	9730	9650	9764	1.38	cps
Bromine	81-2	133	177	160	157	13.95	cps
Cadmium	108-1	18746	18579	18402	18575	0.93	cps
Cadmium	106-1	28528	28952	28742	28741	0.74	cps
Cadmium	111-1	280863	287048	287960	285290	1.35	cps
Calcium	43-1	69552	71266	71464	70761	1.49	cps
Calcium	44-1	1151081	1179959	1193508	1174849	1.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	569760	570873	567433	569355	0.31	cps
Cobalt	59-2	868510	857927	861480	862639	0.62	cps
Copper	63-2	579473	579071	580940	579828	0.17	cps
Dysprosium	156-1	870	877	937	894	4.11	cps
Dysprosium	156-2	230	213	190	211	9.52	cps
Erbium	164-1	100	57	80	79	27.49	cps
Erbium	164-2	57	50	63	57	11.76	cps
Gadolinium	160-1	50	33	53	46	23.52	cps
Gadolinium	160-2	290	297	333	307	7.61	cps
Holmium	165-1	10690473	10852452	10858971	10800632	0.88	cps
Holmium	165-2	7771299	7692702	7781116	7748372	0.63	cps
Indium	115-1	9270545	9136373	9132872	9179930	0.86	cps
Indium	115-2	3312433	3248375	3306772	3289193	1.08	cps
Iron	56-2	9266474	9259927	9154919	9227107	0.68	cps
Iron	57-2	247767	247557	247123	247482	0.13	cps
Iron	54-2	568960	567348	563765	566691	0.47	cps
Krypton	83-1	283	393	283	320	19.85	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1511211	1534015	1531853	1525693	0.83	cps
Lead	207-1	1262114	1288367	1293217	1281233	1.31	cps
Lead	208-1	6231812	6245630	6310901	6262781	0.67	cps
Lithium	6-1	1664452	1647706	1662941	1658366	0.56	cps
Magnesium	24-2	626144	626665	624586	625798	0.17	cps
Manganese	55-2	407138	406276	406855	406756	0.11	cps
Molybdenum	94-1	3901	3267	3157	3442	11.66	cps
Molybdenum	95-1	733	787	847	789	7.19	cps
Molybdenum	96-1	1577	1513	1440	1510	4.53	cps
Molybdenum	97-1	420	427	463	437	5.34	cps
Molybdenum	98-1	1097	1203	1227	1176	5.90	cps
Neodymium	150-1	33	27	33	31	12.36	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	220745	219679	219076	219833	0.38	cps
Phosphorus	31-2	170	177	187	178	4.72	cps
Potassium	39-2	1272255	1275356	1278956	1275522	0.26	cps
Rhodium	103-1	8721690	8825784	8923439	8823638	1.14	cps
Rhodium	103-2	5623208	5662701	5673351	5653087	0.47	cps
Scandium	45-1	5920761	5926983	6037301	5961682	1.10	cps
Scandium	45-2	577228	580061	576380	577890	0.33	cps
Selenium	82-1	38499	39168	39065	38911	0.93	cps
Selenium	77-2	3924	3784	3914	3874	2.02	cps
Selenium	78-2	13496	13640	13389	13508	0.93	cps
Silicon	28-1	348340	352882	357225	352816	1.26	cps
Silver	107-1	684093	693239	704050	693794	1.44	cps
Silver	109-1	635713	655409	663617	651580	2.20	cps
Sodium	23-2	1712721	1710279	1698081	1707027	0.46	cps
Strontium	86-1	1807	1800	2060	1889	7.85	cps
Strontium	88-1	12722	12729	13099	12850	1.68	cps
Sulfur	34-1	278651	280979	278326	279319	0.52	cps
Terbium	159-1	11179337	11087499	11090372	11119070	0.47	cps
Terbium	159-2	7591992	7625565	7666349	7627968	0.49	cps
Thallium	203-1	2085608	2127330	2075943	2096294	1.30	cps
Thallium	205-1	4928700	5077438	4997181	5001106	1.49	cps
Tin	118-1	2757	2737	2714	2736	0.79	cps
Titanium	47-1	470	513	523	502	5.65	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:21:27	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	267	283	233	261	9.75	cps
Vanadium	51-2	489978	486245	487491	487904	0.39	cps
Yttrium	89-1	15765909	15695370	15940780	15800686	0.80	cps
Yttrium	89-2	4146316	4197357	4165650	4169774	0.62	cps
Zinc	66-2	186874	186132	185081	186029	0.48	cps
Zirconium	90-1	9923	7789	6962	8225	18.58	cps
Zirconium	91-1	2330	1837	1743	1970	16.00	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	877	913	767	852	8.96	cps
Antimony	121-1	1453	1557	1850	1620	12.70	cps
Arsenic	75-2	23	10	33	22	52.68	cps
Barium	135-1	180	163	187	177	6.80	cps
Barium	137-1	373	417	360	383	7.73	cps
Beryllium	9-1	90	100	77	89	13.17	cps
Bismuth	209-1	6742006	6779322	6668852	6730060	0.83	cps
Bismuth	209-2	5474284	5461818	5373159	5436420	1.01	cps
Bromine	81-1	10154	9950	9637	9913	2.63	cps
Bromine	81-2	160	150	167	159	5.28	cps
Cadmium	108-1	10	10	0	7	86.60	cps
Cadmium	106-1	3307	3150	3094	3184	3.47	cps
Cadmium	111-1	2331	2238	2209	2259	2.83	cps
Calcium	43-1	683	593	617	631	7.40	cps
Calcium	44-1	29977	30101	29293	29790	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1570	1437	1380	1462	6.67	cps
Cobalt	59-2	293	263	340	299	12.93	cps
Copper	63-2	2140	1950	1890	1993	6.55	cps
Dysprosium	156-1	850	850	807	836	2.99	cps
Dysprosium	156-2	187	190	137	171	17.46	cps
Erbium	164-1	93	77	63	78	19.33	cps
Erbium	164-2	40	60	53	51	19.92	cps
Gadolinium	160-1	60	33	63	52	31.49	cps
Gadolinium	160-2	293	287	273	284	3.58	cps
Holmium	165-1	10803440	10827345	10848429	10826405	0.21	cps
Holmium	165-2	7883065	7714358	7682370	7759931	1.39	cps
Indium	115-1	9121937	9193910	9183219	9166356	0.42	cps
Indium	115-2	3349243	3306741	3297454	3317813	0.83	cps
Iron	56-2	41835	41975	41129	41646	1.09	cps
Iron	57-2	2384	2557	2537	2492	3.81	cps
Iron	54-2	3921	3831	4001	3917	2.17	cps
Krypton	83-1	317	280	250	282	11.83	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	930	933	777	880	10.17	cps
Lead	207-1	840	797	657	764	12.53	cps
Lead	208-1	3607	3597	3270	3491	5.49	cps
Lithium	6-1	1649174	1668106	1674523	1663934	0.79	cps
Magnesium	24-2	1843	1620	1877	1780	7.84	cps
Manganese	55-2	1433	1367	1260	1353	6.46	cps
Molybdenum	94-1	1370	1250	1237	1286	5.71	cps
Molybdenum	95-1	407	357	460	408	12.67	cps
Molybdenum	96-1	603	640	707	650	8.06	cps
Molybdenum	97-1	187	243	233	221	13.68	cps
Molybdenum	98-1	563	523	637	574	10.01	cps
Neodymium	150-1	0	23	17	13	90.13	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	323	297	360	327	9.73	cps
Phosphorus	31-2	223	180	177	193	13.47	cps
Potassium	39-2	82308	82797	82653	82586	0.30	cps
Rhodium	103-1	8963810	8939686	8981654	8961717	0.24	cps
Rhodium	103-2	5676948	5635401	5647279	5653209	0.38	cps
Scandium	45-1	6059457	6181954	6095627	6112346	1.03	cps
Scandium	45-2	578228	574779	573929	575645	0.40	cps
Selenium	82-1	455	536	559	517	10.56	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	390	387	383	387	0.86	cps
Silicon	28-1	342521	344639	346787	344649	0.62	cps
Silver	107-1	533	507	507	516	2.99	cps
Silver	109-1	487	397	307	397	22.69	cps
Sodium	23-2	47624	47516	47650	47597	0.15	cps
Strontium	86-1	720	707	703	710	1.24	cps
Strontium	88-1	2657	2327	2564	2516	6.76	cps
Sulfur	34-1	280488	279272	280541	280101	0.26	cps
Terbium	159-1	11074374	11124847	11148637	11115953	0.34	cps
Terbium	159-2	7792267	7711057	7844279	7782534	0.86	cps
Thallium	203-1	713	617	543	624	13.66	cps
Thallium	205-1	1627	1563	1443	1545	6.03	cps
Tin	118-1	2424	2470	2547	2480	2.51	cps
Titanium	47-1	240	303	290	278	12.02	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:24:44	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	127	147	130	134	7.97	cps
Vanadium	51-2	87	70	90	82	13.03	cps
Yttrium	89-1	15923598	16014677	15993061	15977112	0.30	cps
Yttrium	89-2	4180208	4193657	4177371	4183745	0.21	cps
Zinc	66-2	1463	1363	1417	1415	3.54	cps
Zirconium	90-1	2947	2874	2830	2884	2.05	cps
Zirconium	91-1	710	727	670	702	4.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26856384	26780408	27051136	26895976	0.52	cps
Antimony	121-1	12205	12896	12949	12683	3.27	cps
Arsenic	75-2	247	180	190	206	17.49	cps
Barium	135-1	4011	3974	4067	4017	1.17	cps
Barium	137-1	6825	7292	7005	7041	3.34	cps
Beryllium	9-1	627	563	577	589	5.67	cps
Bismuth	209-1	6522918	6682171	6689872	6631654	1.42	cps
Bismuth	209-2	5195258	5265873	5337716	5266282	1.35	cps
Bromine	81-1	10991	11188	11104	11094	0.89	cps
Bromine	81-2	217	247	253	239	8.18	cps
Cadmium	108-1	1587	1527	1663	1592	4.30	cps
Cadmium	106-1	3210	3064	3144	3139	2.34	cps
Cadmium	111-1	3013	3159	2960	3044	3.39	cps
Calcium	43-1	3292264	3319915	3316768	3309649	0.46	cps
Calcium	44-1	53567014	53852913	54255899	53891942	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111501	111186	110306	110998	0.56	cps
Cobalt	59-2	10714	10741	10621	10692	0.59	cps
Copper	63-2	43941	44329	44225	44165	0.45	cps
Dysprosium	156-1	837	780	733	783	6.61	cps
Dysprosium	156-2	150	197	203	183	15.85	cps
Erbium	164-1	117	133	120	123	7.15	cps
Erbium	164-2	87	70	70	76	12.74	cps
Gadolinium	160-1	87	97	110	98	11.97	cps
Gadolinium	160-2	293	323	317	311	5.06	cps
Holmium	165-1	11121354	11539615	11498744	11386571	2.03	cps
Holmium	165-2	8078194	8028763	8102881	8069946	0.47	cps
Indium	115-1	8894001	9049723	9389745	9111156	2.78	cps
Indium	115-2	3238216	3272435	3245255	3251968	0.56	cps
Iron	56-2	454966353	451957833	451766167	452896784	0.40	cps
Iron	57-2	11311355	11316768	11157570	11261898	0.80	cps
Iron	54-2	25161983	24913509	24968305	25014599	0.52	cps
Krypton	83-1	270	320	293	294	8.50	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	33752	33922	34571	34082	1.27	cps
Lead	207-1	26626	26870	26386	26627	0.91	cps
Lead	208-1	125530	128316	127050	126965	1.10	cps
Lithium	6-1	1693037	1696519	1707790	1699115	0.45	cps
Magnesium	24-2	48250628	47823241	47934226	48002698	0.46	cps
Manganese	55-2	32722	32956	33053	32910	0.52	cps
Molybdenum	94-1	6335116	6349464	6461186	6381922	1.08	cps
Molybdenum	95-1	11053121	11241884	11386362	11227123	1.49	cps
Molybdenum	96-1	11879563	11969632	12208493	12019229	1.41	cps
Molybdenum	97-1	6903675	6948004	7033477	6961719	0.95	cps
Molybdenum	98-1	17832434	17885023	17932846	17883434	0.28	cps
Neodymium	150-1	57	53	63	58	8.81	cps
Neodymium	150-2	20	43	17	27	54.47	cps
Nickel	60-2	11648	11181	11368	11399	2.06	cps
Phosphorus	31-2	1454686	1489709	1490247	1478214	1.38	cps
Potassium	39-2	59854941	59710636	60114664	59893414	0.34	cps
Rhodium	103-1	8434969	8585611	8714040	8578207	1.63	cps
Rhodium	103-2	5365173	5518131	5364892	5416065	1.63	cps
Scandium	45-1	6072406	6084935	6220744	6126029	1.34	cps
Scandium	45-2	574328	577708	580402	577480	0.53	cps
Selenium	82-1	598	584	602	594	1.60	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	407	337	407	383	10.54	cps
Silicon	28-1	472947	476363	483621	477644	1.14	cps
Silver	107-1	1233	1033	1093	1120	9.16	cps
Silver	109-1	1080	1027	1020	1042	3.16	cps
Sodium	23-2	83287040	82947867	83660440	83298449	0.43	cps
Strontium	86-1	130025	130660	131837	130841	0.70	cps
Strontium	88-1	1118861	1139421	1142476	1133586	1.13	cps
Sulfur	34-1	5229494	5292673	5339736	5287301	1.05	cps
Terbium	159-1	11366751	11607228	11708004	11560661	1.52	cps
Terbium	159-2	7979943	8090183	7987473	8019200	0.77	cps
Thallium	203-1	1247	1250	1200	1232	2.27	cps
Thallium	205-1	2637	2807	3000	2815	6.46	cps
Tin	118-1	3814	3570	3751	3712	3.40	cps
Titanium	47-1	3217014	3271689	3285417	3258040	1.11	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:28:04	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	647	623	653	641	2.46	cps
Vanadium	51-2	1027	950	1007	994	4.00	cps
Yttrium	89-1	15804903	16157156	16388759	16116939	1.82	cps
Yttrium	89-2	4211752	4249540	4260642	4240645	0.60	cps
Zinc	66-2	11474	11658	11361	11498	1.30	cps
Zirconium	90-1	5511	5765	6038	5771	4.57	cps
Zirconium	91-1	1090	1223	1423	1246	13.47	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27076740	27158718	26720749	26985402	0.86	cps
Antimony	121-1	224259	230908	234133	229767	2.19	cps
Arsenic	75-2	12879	12959	13293	13044	1.68	cps
Barium	135-1	58135	58861	59581	58859	1.23	cps
Barium	137-1	100451	102657	102184	101764	1.14	cps
Beryllium	9-1	39881	40797	40907	40528	1.39	cps
Bismuth	209-1	6644293	6798032	6863756	6768694	1.66	cps
Bismuth	209-2	5291888	5298777	5223770	5271478	0.79	cps
Bromine	81-1	11241	11425	11791	11486	2.44	cps
Bromine	81-2	313	310	280	301	6.10	cps
Cadmium	108-1	5104	5154	5064	5108	0.88	cps
Cadmium	106-1	8062	8056	8289	8136	1.63	cps
Cadmium	111-1	57854	58206	58422	58161	0.49	cps
Calcium	43-1	3289468	3387469	3450200	3375712	2.40	cps
Calcium	44-1	53364763	55302453	55895899	54854371	2.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	223941	221679	222358	222660	0.52	cps
Cobalt	59-2	175051	175131	174913	175032	0.06	cps
Copper	63-2	154505	156546	153451	154834	1.02	cps
Dysprosium	156-1	727	690	790	736	6.88	cps
Dysprosium	156-2	180	213	133	176	22.89	cps
Erbium	164-1	120	137	117	124	8.61	cps
Erbium	164-2	87	90	100	92	7.52	cps
Gadolinium	160-1	60	97	87	81	23.37	cps
Gadolinium	160-2	300	327	310	312	4.31	cps
Holmium	165-1	11631766	11609996	11825026	11688930	1.01	cps
Holmium	165-2	8155475	8201798	7997596	8118290	1.32	cps
Indium	115-1	9387030	9452473	9435658	9425054	0.36	cps
Indium	115-2	3309829	3320997	3323779	3318202	0.22	cps
Iron	56-2	462604953	462678246	455731367	460338189	0.87	cps
Iron	57-2	11488478	11286299	11271118	11348632	1.07	cps
Iron	54-2	25445140	25434705	25223715	25367854	0.49	cps
Krypton	83-1	307	293	323	308	4.88	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	194245	196911	198380	196512	1.07	cps
Lead	207-1	167488	168069	169264	168274	0.54	cps
Lead	208-1	760877	774049	780224	771717	1.28	cps
Lithium	6-1	1697323	1699540	1752018	1716294	1.80	cps
Magnesium	24-2	49057839	48402698	48448099	48636212	0.75	cps
Manganese	55-2	112628	112953	110733	112105	1.07	cps
Molybdenum	94-1	6424783	6482603	6405505	6437630	0.62	cps
Molybdenum	95-1	11311312	11563456	11638686	11504485	1.49	cps
Molybdenum	96-1	12202141	12355068	12427264	12328158	0.93	cps
Molybdenum	97-1	7023236	7141961	7161392	7108863	1.05	cps
Molybdenum	98-1	17999848	18257960	18323729	18193846	0.94	cps
Neodymium	150-1	100	40	70	70	42.86	cps
Neodymium	150-2	43	53	20	39	43.98	cps
Nickel	60-2	52987	52876	53107	52990	0.22	cps
Phosphorus	31-2	1507029	1497575	1533171	1512592	1.22	cps
Potassium	39-2	60919509	61052706	61512327	61161514	0.51	cps
Rhodium	103-1	8795203	8669493	8813889	8759528	0.90	cps
Rhodium	103-2	5553098	5550799	5533290	5545729	0.20	cps
Scandium	45-1	6090947	6252052	6257741	6200247	1.53	cps
Scandium	45-2	589334	589552	585731	588206	0.36	cps
Selenium	82-1	4122	4257	4247	4209	1.78	cps
Selenium	77-2	360	367	417	381	8.13	cps
Selenium	78-2	1580	1623	1690	1631	3.40	cps
Silicon	28-1	481338	496974	503407	493907	2.30	cps
Silver	107-1	261425	269865	273855	268382	2.36	cps
Silver	109-1	247753	253702	255311	252255	1.58	cps
Sodium	23-2	84736500	83895969	84019247	84217239	0.54	cps
Strontium	86-1	131286	134393	135180	133620	1.54	cps
Strontium	88-1	1136611	1170128	1179851	1162197	1.95	cps
Sulfur	34-1	5176455	5425237	5391337	5331010	2.53	cps
Terbium	159-1	11774456	11887681	11875926	11846021	0.53	cps
Terbium	159-2	8008315	8055971	8110857	8058381	0.64	cps
Thallium	203-1	201196	206812	207576	205195	1.70	cps
Thallium	205-1	481562	494642	495582	490595	1.60	cps
Tin	118-1	3681	3704	11159	6181	69.75	cps
Titanium	47-1	3250309	3345887	3391592	3329263	2.17	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:31:14	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	670	593	660	641	6.50	cps
Vanadium	51-2	97861	97318	98193	97791	0.45	cps
Yttrium	89-1	16529869	16387601	16597261	16504911	0.65	cps
Yttrium	89-2	4223522	4199917	4215567	4213002	0.29	cps
Zinc	66-2	30000	29546	29342	29629	1.14	cps
Zirconium	90-1	2104	2380	2550	2345	9.62	cps
Zirconium	91-1	547	500	517	521	4.54	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15859373	15941339	15904176	15901629	0.26	cps
Antimony	121-1	5651095	5828464	5811541	5763700	1.70	cps
Arsenic	75-2	330474	330357	327986	329606	0.43	cps
Barium	135-1	7502955	7576471	7491973	7523799	0.61	cps
Barium	137-1	12747631	13007774	12849392	12868265	1.02	cps
Beryllium	9-1	989140	1008873	1010842	1002952	1.20	cps
Bismuth	209-1	6668269	6722921	6683149	6691446	0.42	cps
Bismuth	209-2	5176693	5260899	5208911	5215501	0.81	cps
Bromine	81-1	10714	10914	10654	10761	1.27	cps
Bromine	81-2	117	133	100	117	14.29	cps
Cadmium	108-1	111165	113446	113721	112777	1.24	cps
Cadmium	106-1	159390	162679	165369	162480	1.84	cps
Cadmium	111-1	1501964	1538571	1547686	1529407	1.58	cps
Calcium	43-1	8779295	9055722	9045416	8960144	1.75	cps
Calcium	44-1	141646935	144601578	146780228	144342913	1.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2769797	2758733	2780740	2769757	0.40	cps
Cobalt	59-2	4513124	4450805	4481347	4481759	0.70	cps
Copper	63-2	30747906	30747313	30755852	30750357	0.02	cps
Dysprosium	156-1	1117	1090	1043	1083	3.43	cps
Dysprosium	156-2	667	607	660	644	5.10	cps
Erbium	164-1	337	340	273	317	11.86	cps
Erbium	164-2	180	280	190	217	25.42	cps
Gadolinium	160-1	243	240	297	260	12.23	cps
Gadolinium	160-2	357	427	433	406	10.47	cps
Holmium	165-1	11736536	11741702	11820509	11766249	0.40	cps
Holmium	165-2	8137232	8145544	8230031	8170935	0.63	cps
Indium	115-1	9404151	9525946	9286904	9405667	1.27	cps
Indium	115-2	3308995	3271845	3234579	3271806	1.14	cps
Iron	56-2	592710405	590045645	586987751	589914600	0.49	cps
Iron	57-2	14487241	14693453	14612688	14597794	0.71	cps
Iron	54-2	32299389	32611272	32074222	32328294	0.83	cps
Krypton	83-1	340	350	420	370	11.78	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19974103	20867547	20312568	20384739	2.21	cps
Lead	207-1	17459351	18192965	17843346	17831887	2.06	cps
Lead	208-1	79775957	83265148	81237532	81426212	2.15	cps
Lithium	6-1	1703687	1708508	1721697	1711297	0.54	cps
Magnesium	24-2	129017305	129330395	128914765	129087488	0.17	cps
Manganese	55-2	19879386	19991440	19891257	19920694	0.31	cps
Molybdenum	94-1	22685838	23153243	23279052	23039378	1.36	cps
Molybdenum	95-1	33196945	34304611	34483185	33994914	2.05	cps
Molybdenum	96-1	36054945	37021694	37114490	36730377	1.60	cps
Molybdenum	97-1	20707135	21180326	21284690	21057383	1.46	cps
Molybdenum	98-1	52969181	54464379	54366414	53933325	1.55	cps
Neodymium	150-1	430	400	363	398	8.39	cps
Neodymium	150-2	130	120	103	118	11.44	cps
Nickel	60-2	1121726	1133591	1121754	1125690	0.61	cps
Phosphorus	31-2	167529	169163	167883	168192	0.51	cps
Potassium	39-2	80577937	80613495	80606027	80599153	0.02	cps
Rhodium	103-1	8801203	8787606	8781852	8790220	0.11	cps
Rhodium	103-2	5388806	5464425	5384718	5412650	0.83	cps
Scandium	45-1	6329577	6426792	6491467	6415945	1.27	cps
Scandium	45-2	604645	608384	605137	606055	0.34	cps
Selenium	82-1	93695	95954	95426	95025	1.24	cps
Selenium	77-2	8999	9577	9496	9357	3.34	cps
Selenium	78-2	31791	30795	31891	31492	1.92	cps
Silicon	28-1	26663945	27278460	27332510	27091638	1.37	cps
Silver	107-1	7119365	7150153	7224498	7164672	0.75	cps
Silver	109-1	6625098	6769908	6725907	6706971	1.11	cps
Sodium	23-2	220114457	221640857	220990510	220915274	0.35	cps
Strontium	86-1	48646058	50035258	50214304	49631873	1.73	cps
Strontium	88-1	422427220	437642593	438520287	432863367	2.09	cps
Sulfur	34-1	801753	809186	808660	806533	0.51	cps
Terbium	159-1	12003122	12306915	12053519	12121186	1.34	cps
Terbium	159-2	8125991	7989463	8042452	8052635	0.85	cps
Thallium	203-1	5087434	5133348	5109506	5110096	0.45	cps
Thallium	205-1	12128062	12299830	11952962	12126952	1.43	cps
Tin	118-1	4809538	4805009	4832618	4815722	0.31	cps
Titanium	47-1	9317273	9556273	9627879	9500475	1.71	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P7
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:34:20	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16480855	16995981	16486858	16654564	1.78	cps
Vanadium	51-2	2484261	2498019	2490518	2490933	0.28	cps
Yttrium	89-1	16986195	17118893	17174825	17093304	0.57	cps
Yttrium	89-2	4308945	4342983	4355943	4335957	0.56	cps
Zinc	66-2	4718541	4765972	4747289	4743934	0.50	cps
Zirconium	90-1	10556879	10808214	10826181	10730424	1.40	cps
Zirconium	91-1	2371356	2397343	2406102	2391600	0.76	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1627	1583	1650	1620	2.09	cps
Antimony	121-1	4431	4534	4801	4589	4.16	cps
Arsenic	75-2	20	27	30	26	19.92	cps
Barium	135-1	630	470	483	528	16.82	cps
Barium	137-1	857	823	950	877	7.49	cps
Beryllium	9-1	163	100	457	240	79.30	cps
Bismuth	209-1	6921863	6783442	6967483	6890929	1.39	cps
Bismuth	209-2	5521569	5558323	5549977	5543290	0.35	cps
Bromine	81-1	10577	10781	10871	10743	1.40	cps
Bromine	81-2	210	123	153	162	27.13	cps
Cadmium	108-1	17	20	13	17	20.01	cps
Cadmium	106-1	3414	3287	3277	3326	2.29	cps
Cadmium	111-1	2541	2504	2435	2493	2.17	cps
Calcium	43-1	1143	1013	2680	1612	57.49	cps
Calcium	44-1	37975	36011	59821	44602	29.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1497	1553	1470	1507	2.82	cps
Cobalt	59-2	427	457	453	446	3.69	cps
Copper	63-2	3961	4161	4014	4045	2.56	cps
Dysprosium	156-1	653	687	580	640	8.53	cps
Dysprosium	156-2	87	93	143	108	28.74	cps
Erbium	164-1	90	97	67	84	18.65	cps
Erbium	164-2	43	47	70	53	27.24	cps
Gadolinium	160-1	80	77	43	67	30.42	cps
Gadolinium	160-2	337	263	297	299	12.28	cps
Holmium	165-1	11186607	11120954	11100328	11135963	0.40	cps
Holmium	165-2	7965760	7973881	7939987	7959876	0.22	cps
Indium	115-1	9379673	9450331	9629038	9486347	1.35	cps
Indium	115-2	3332170	3326785	3329011	3329322	0.08	cps
Iron	56-2	69898	72393	74738	72343	3.35	cps
Iron	57-2	3014	3177	3340	3177	5.14	cps
Iron	54-2	5468	5751	5851	5690	3.50	cps
Krypton	83-1	300	263	327	297	10.72	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2084	1994	1767	1948	8.38	cps
Lead	207-1	1863	1783	1710	1786	4.30	cps
Lead	208-1	8444	7851	7698	7998	4.93	cps
Lithium	6-1	1635224	1693455	1716715	1681798	2.50	cps
Magnesium	24-2	6605	6935	7665	7068	7.68	cps
Manganese	55-2	2003	2140	2164	2102	4.11	cps
Molybdenum	94-1	5154	3947	4081	4394	15.06	cps
Molybdenum	95-1	2510	2377	2690	2526	6.23	cps
Molybdenum	96-1	3254	2977	3577	3269	9.19	cps
Molybdenum	97-1	1667	1517	1794	1659	8.35	cps
Molybdenum	98-1	4067	3994	4238	4100	3.05	cps
Neodymium	150-1	20	10	13	14	35.26	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	373	407	410	397	5.11	cps
Phosphorus	31-2	207	203	180	197	7.39	cps
Potassium	39-2	93867	93515	92425	93269	0.81	cps
Rhodium	103-1	9062343	9046289	9167736	9092123	0.73	cps
Rhodium	103-2	5742724	5684194	5709020	5711979	0.51	cps
Scandium	45-1	6091886	6104821	6190600	6129102	0.88	cps
Scandium	45-2	575738	571162	570755	572552	0.48	cps
Selenium	82-1	462	531	498	497	6.93	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	453	413	393	420	7.27	cps
Silicon	28-1	349849	350870	356709	352476	1.05	cps
Silver	107-1	1407	1267	923	1199	20.74	cps
Silver	109-1	1190	950	863	1001	16.90	cps
Sodium	23-2	62951	63316	63042	63103	0.30	cps
Strontium	86-1	3000	2340	3586	2976	20.95	cps
Strontium	88-1	20484	17157	26830	21490	22.87	cps
Sulfur	34-1	261544	262421	262583	262183	0.21	cps
Terbium	159-1	11136432	11609819	11634867	11460373	2.45	cps
Terbium	159-2	7877383	7900686	7832619	7870229	0.44	cps
Thallium	203-1	1193	1137	1003	1111	8.78	cps
Thallium	205-1	2957	2860	2594	2804	6.71	cps
Tin	118-1	3327	3414	3627	3456	4.47	cps
Titanium	47-1	783	850	2259	1298	64.24	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P7
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:37:11	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	757	680	5385	2274	118.50	cps
Vanadium	51-2	210	207	170	196	11.35	cps
Yttrium	89-1	16226489	16319655	16283823	16276655	0.29	cps
Yttrium	89-2	4279275	4160711	4228331	4222772	1.41	cps
Zinc	66-2	1723	1620	1710	1685	3.34	cps
Zirconium	90-1	9853	7435	7152	8147	18.22	cps
Zirconium	91-1	2003	1783	1620	1802	10.67	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1827	1703	1767	1766	3.49	cps
Antimony	121-1	917	1113	1240	1090	14.95	cps
Arsenic	75-2	20	10	3	11	75.52	cps
Barium	135-1	253	237	267	252	5.96	cps
Barium	137-1	450	347	357	384	14.82	cps
Beryllium	9-1	87	93	67	82	16.87	cps
Bismuth	209-1	6683691	6717281	6725211	6708727	0.33	cps
Bismuth	209-2	5427208	5480466	5400922	5436198	0.75	cps
Bromine	81-1	10234	9920	10367	10174	2.26	cps
Bromine	81-2	107	63	137	102	36.07	cps
Cadmium	108-1	17	23	33	24	34.31	cps
Cadmium	106-1	3417	3120	3367	3302	4.81	cps
Cadmium	111-1	2444	2231	2367	2347	4.58	cps
Calcium	43-1	700	707	750	719	3.78	cps
Calcium	44-1	31430	31808	31220	31486	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1467	1413	1470	1450	2.19	cps
Cobalt	59-2	293	337	237	289	17.36	cps
Copper	63-2	2854	2797	2614	2755	4.55	cps
Dysprosium	156-1	683	583	693	653	9.31	cps
Dysprosium	156-2	160	133	163	152	10.80	cps
Erbium	164-1	50	70	90	70	28.57	cps
Erbium	164-2	33	50	33	39	24.75	cps
Gadolinium	160-1	50	43	63	52	19.50	cps
Gadolinium	160-2	290	263	333	296	11.95	cps
Holmium	165-1	10940103	10940504	11131991	11004199	1.01	cps
Holmium	165-2	7825476	7852641	7708944	7795687	0.98	cps
Indium	115-1	9346905	9418127	9405907	9390313	0.41	cps
Indium	115-2	3340942	3298314	3242991	3294082	1.49	cps
Iron	56-2	47602	47628	46452	47227	1.42	cps
Iron	57-2	2727	2624	2747	2699	2.45	cps
Iron	54-2	4401	3967	3974	4114	6.04	cps
Krypton	83-1	333	270	327	310	11.23	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1073	967	1090	1043	6.41	cps
Lead	207-1	973	847	880	900	7.30	cps
Lead	208-1	4284	3954	4167	4135	4.05	cps
Lithium	6-1	1645831	1650310	1675466	1657202	0.96	cps
Magnesium	24-2	2547	2524	2454	2508	1.94	cps
Manganese	55-2	1520	1380	1497	1466	5.12	cps
Molybdenum	94-1	1383	1360	1343	1362	1.47	cps
Molybdenum	95-1	653	610	653	639	3.92	cps
Molybdenum	96-1	887	823	893	868	4.45	cps
Molybdenum	97-1	463	317	420	400	18.84	cps
Molybdenum	98-1	853	1023	1043	973	10.73	cps
Neodymium	150-1	10	17	13	13	25.01	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	353	357	330	347	4.19	cps
Phosphorus	31-2	190	210	200	200	5.00	cps
Potassium	39-2	87808	86035	87858	87234	1.19	cps
Rhodium	103-1	9012656	8885823	9083660	8994046	1.11	cps
Rhodium	103-2	5723670	5618593	5566941	5636401	1.42	cps
Scandium	45-1	6051609	6038142	6151347	6080366	1.02	cps
Scandium	45-2	574199	570373	571495	572022	0.34	cps
Selenium	82-1	456	510	494	487	5.78	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	350	423	367	380	10.12	cps
Silicon	28-1	338782	345612	343331	342575	1.01	cps
Silver	107-1	260	333	367	320	17.05	cps
Silver	109-1	240	217	253	237	7.84	cps
Sodium	23-2	52947	52188	52205	52447	0.83	cps
Strontium	86-1	1103	800	1003	969	15.95	cps
Strontium	88-1	4024	3774	3777	3858	3.72	cps
Sulfur	34-1	272509	269935	271335	271260	0.48	cps
Terbium	159-1	11299379	11443868	11345758	11363001	0.65	cps
Terbium	159-2	7841745	7708127	7590151	7713341	1.63	cps
Thallium	203-1	703	657	643	668	4.72	cps
Thallium	205-1	1513	1437	1553	1501	3.95	cps
Tin	118-1	2524	2647	2647	2606	2.73	cps
Titanium	47-1	357	330	400	362	9.75	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BL	Instrumnet Name :	P7
Client Sample ID :	PBS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:40:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	157	147	167	157	6.38	cps
Vanadium	51-2	83	77	67	76	11.10	cps
Yttrium	89-1	16077456	16099399	16321546	16166134	0.84	cps
Yttrium	89-2	4169986	4180192	4148565	4166248	0.39	cps
Zinc	66-2	1637	1593	1583	1605	1.77	cps
Zirconium	90-1	2947	2697	2680	2775	5.38	cps
Zirconium	91-1	597	510	623	577	10.28	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13486	13082	13343	13304	1.54	cps
Antimony	121-1	43178	44215	44622	44005	1.69	cps
Arsenic	75-2	1367	1263	1453	1361	6.99	cps
Barium	135-1	52808	53885	53360	53351	1.01	cps
Barium	137-1	90935	92720	92686	92114	1.11	cps
Beryllium	9-1	4017	4117	3831	3988	3.65	cps
Bismuth	209-1	6699737	6705293	6760424	6721818	0.50	cps
Bismuth	209-2	5492890	5391224	5450392	5444835	0.94	cps
Bromine	81-1	9920	9850	10427	10066	3.13	cps
Bromine	81-2	163	137	110	137	19.51	cps
Cadmium	108-1	497	520	550	522	5.12	cps
Cadmium	106-1	3921	3674	3847	3814	3.32	cps
Cadmium	111-1	9078	8829	9036	8981	1.48	cps
Calcium	43-1	35471	36504	35986	35987	1.43	cps
Calcium	44-1	598886	613397	614517	608933	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26470	26674	26584	26576	0.38	cps
Cobalt	59-2	17680	17897	17480	17686	1.18	cps
Copper	63-2	28614	28801	28951	28789	0.59	cps
Dysprosium	156-1	667	667	580	638	7.85	cps
Dysprosium	156-2	167	183	157	169	7.98	cps
Erbium	164-1	90	117	47	84	41.84	cps
Erbium	164-2	57	50	57	54	7.07	cps
Gadolinium	160-1	47	40	53	47	14.28	cps
Gadolinium	160-2	290	270	337	299	11.44	cps
Holmium	165-1	10907658	11069770	11073468	11016965	0.86	cps
Holmium	165-2	7859618	7781116	7827821	7822851	0.50	cps
Indium	115-1	9255798	9469254	9376592	9367215	1.14	cps
Indium	115-2	3280856	3333607	3295199	3303221	0.83	cps
Iron	56-2	1944491	1961929	1947387	1951269	0.48	cps
Iron	57-2	53682	53020	53719	53474	0.74	cps
Iron	54-2	115690	117605	115894	116396	0.90	cps
Krypton	83-1	350	303	333	329	7.19	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16020	15302	15125	15482	3.06	cps
Lead	207-1	13313	14007	13590	13637	2.56	cps
Lead	208-1	61982	62861	61886	62243	0.86	cps
Lithium	6-1	1605354	1651081	1618918	1625117	1.45	cps
Magnesium	24-2	561607	561278	564517	562467	0.32	cps
Manganese	55-2	10060	9843	10407	10103	2.81	cps
Molybdenum	94-1	49440	50477	51487	50468	2.03	cps
Molybdenum	95-1	58322	60682	59577	59527	1.98	cps
Molybdenum	96-1	65345	66932	67783	66687	1.86	cps
Molybdenum	97-1	36723	37558	37415	37232	1.20	cps
Molybdenum	98-1	93164	96308	96818	95430	2.07	cps
Neodymium	150-1	23	10	23	19	40.75	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	4978	4961	5118	5019	1.72	cps
Phosphorus	31-2	187	227	207	207	9.68	cps
Potassium	39-2	760105	764059	766446	763536	0.42	cps
Rhodium	103-1	8961880	8981022	9105223	9016042	0.86	cps
Rhodium	103-2	5772516	5684931	5785972	5747806	0.95	cps
Scandium	45-1	6123305	6190727	6144915	6152982	0.56	cps
Scandium	45-2	575393	577373	575508	576091	0.19	cps
Selenium	82-1	2432	2577	2426	2478	3.46	cps
Selenium	77-2	143	170	207	173	18.34	cps
Selenium	78-2	943	1020	1047	1003	5.35	cps
Silicon	28-1	470536	477696	482343	476859	1.25	cps
Silver	107-1	27132	28451	28495	28026	2.76	cps
Silver	109-1	25449	26384	26872	26235	2.76	cps
Sodium	23-2	955749	956791	949882	954141	0.39	cps
Strontium	86-1	8292	8486	8846	8541	3.29	cps
Strontium	88-1	69945	70608	71261	70605	0.93	cps
Sulfur	34-1	281506	278261	277847	279205	0.72	cps
Terbium	159-1	11200124	11241077	11607472	11349557	1.98	cps
Terbium	159-2	7749099	7744123	7748554	7747259	0.04	cps
Thallium	203-1	18045	17768	18549	18121	2.19	cps
Thallium	205-1	43560	42566	42419	42848	1.45	cps
Tin	118-1	2480	2624	2734	2613	4.86	cps
Titanium	47-1	17247	16833	17570	17217	2.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BS	Instrumnet Name :	P7
Client Sample ID :	LCS128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:43:56	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55000	55917	55960	55626	0.98	cps
Vanadium	51-2	49839	50621	50076	50179	0.80	cps
Yttrium	89-1	16085314	16204351	16169416	16153027	0.38	cps
Yttrium	89-2	4182800	4185962	4188163	4185642	0.06	cps
Zinc	66-2	11338	11191	11571	11367	1.69	cps
Zirconium	90-1	43849	45450	44594	44631	1.80	cps
Zirconium	91-1	10067	9857	9920	9948	1.08	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7322	7182	7125	7210	1.40	cps
Antimony	121-1	22367	22281	22668	22439	0.91	cps
Arsenic	75-2	707	700	667	691	3.10	cps
Barium	135-1	26769	26942	27557	27089	1.53	cps
Barium	137-1	46415	47248	47449	47038	1.17	cps
Beryllium	9-1	2017	2147	2077	2080	3.13	cps
Bismuth	209-1	6644689	6736345	6811289	6730774	1.24	cps
Bismuth	209-2	5552246	5472078	5426250	5483525	1.16	cps
Bromine	81-1	10214	10197	10020	10144	1.06	cps
Bromine	81-2	140	133	140	138	2.79	cps
Cadmium	108-1	290	267	277	278	4.22	cps
Cadmium	106-1	3724	3457	3470	3550	4.23	cps
Cadmium	111-1	5554	5614	5903	5690	3.28	cps
Calcium	43-1	18632	19496	19085	19071	2.27	cps
Calcium	44-1	321433	329561	329622	326872	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14157	14480	14607	14415	1.61	cps
Cobalt	59-2	8916	9433	9310	9220	2.93	cps
Copper	63-2	14651	15058	15311	15006	2.22	cps
Dysprosium	156-1	660	617	617	631	3.96	cps
Dysprosium	156-2	167	107	133	136	22.18	cps
Erbium	164-1	87	47	67	67	30.00	cps
Erbium	164-2	40	77	73	63	32.01	cps
Gadolinium	160-1	40	77	67	61	31.02	cps
Gadolinium	160-2	323	247	307	292	13.80	cps
Holmium	165-1	10986331	11125853	11052918	11055034	0.63	cps
Holmium	165-2	7927616	7921134	7701528	7850092	1.64	cps
Indium	115-1	9348254	9407572	9443735	9399854	0.51	cps
Indium	115-2	3346655	3315422	3318622	3326900	0.52	cps
Iron	56-2	1082035	1077650	1076193	1078626	0.28	cps
Iron	57-2	28527	28407	28601	28512	0.34	cps
Iron	54-2	61411	61983	61853	61749	0.49	cps
Krypton	83-1	383	310	327	340	11.31	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7946	8499	7986	8144	3.79	cps
Lead	207-1	7309	7215	7052	7192	1.81	cps
Lead	208-1	32322	33203	32446	32657	1.46	cps
Lithium	6-1	1665695	1674459	1680127	1673427	0.43	cps
Magnesium	24-2	287645	289028	288106	288260	0.24	cps
Manganese	55-2	5564	5778	5511	5618	2.51	cps
Molybdenum	94-1	25072	26320	25906	25766	2.47	cps
Molybdenum	95-1	30732	30819	30906	30819	0.28	cps
Molybdenum	96-1	34063	34377	33959	34133	0.64	cps
Molybdenum	97-1	18952	19326	19560	19279	1.59	cps
Molybdenum	98-1	48306	49132	49691	49043	1.42	cps
Neodymium	150-1	20	23	20	21	9.11	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	2950	2897	3104	2984	3.60	cps
Phosphorus	31-2	183	210	190	194	7.14	cps
Potassium	39-2	427830	428951	427366	428049	0.19	cps
Rhodium	103-1	9036482	9110908	9188509	9111966	0.83	cps
Rhodium	103-2	5845275	5730583	5735127	5770328	1.13	cps
Scandium	45-1	6138917	6189801	6164730	6164483	0.41	cps
Scandium	45-2	576129	585330	579858	580439	0.80	cps
Selenium	82-1	1480	1428	1470	1459	1.87	cps
Selenium	77-2	113	90	117	107	13.62	cps
Selenium	78-2	693	667	753	704	6.30	cps
Silicon	28-1	409296	413837	416239	413124	0.85	cps
Silver	107-1	14157	14594	14768	14506	2.17	cps
Silver	109-1	12789	13830	13737	13452	4.28	cps
Sodium	23-2	506278	511463	504672	507471	0.70	cps
Strontium	86-1	4888	4794	4607	4763	2.99	cps
Strontium	88-1	36609	37912	37093	37205	1.77	cps
Sulfur	34-1	282643	283092	280982	282239	0.39	cps
Terbium	159-1	11389677	11449989	11550108	11463258	0.71	cps
Terbium	159-2	7744987	7791065	7784681	7773578	0.32	cps
Thallium	203-1	9353	9470	9510	9444	0.86	cps
Thallium	205-1	22632	22639	22225	22499	1.05	cps
Tin	118-1	2527	2500	2680	2569	3.78	cps
Titanium	47-1	8776	9833	9136	9248	5.81	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164128BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD128	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:47:20	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27923	28521	28233	28226	1.06	cps
Vanadium	51-2	25815	25598	25068	25494	1.51	cps
Yttrium	89-1	16031028	16230956	16402550	16221511	1.15	cps
Yttrium	89-2	4231396	4224549	4258262	4238069	0.42	cps
Zinc	66-2	6895	6965	6461	6774	4.03	cps
Zirconium	90-1	23095	23596	23813	23501	1.57	cps
Zirconium	91-1	5164	5294	5068	5175	2.20	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32000216	32181552	32006751	32062840	0.32	cps
Antimony	121-1	20982	21937	22291	21737	3.11	cps
Arsenic	75-2	127001	125485	123875	125453	1.25	cps
Barium	135-1	1033473	1068743	1069974	1057397	1.96	cps
Barium	137-1	1853921	1929698	1891091	1891570	2.00	cps
Beryllium	9-1	2837	2864	2947	2883	1.99	cps
Bismuth	209-1	6672681	6941052	6784504	6799412	1.98	cps
Bismuth	209-2	5360942	5356655	5485002	5400867	1.35	cps
Bromine	81-1	13406	13006	13493	13302	1.95	cps
Bromine	81-2	927	960	1007	964	4.17	cps
Cadmium	108-1	980	1080	1133	1064	7.31	cps
Cadmium	106-1	4984	4918	5051	4984	1.34	cps
Cadmium	111-1	15852	15926	16172	15983	1.05	cps
Calcium	43-1	349327	351845	352105	351093	0.44	cps
Calcium	44-1	5287909	5290057	5351680	5309882	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1071147	1071371	1070048	1070855	0.07	cps
Cobalt	59-2	976841	982478	977244	978854	0.32	cps
Copper	63-2	3791149	3795888	3819167	3802068	0.39	cps
Dysprosium	156-1	93656	97264	96680	95867	2.02	cps
Dysprosium	156-2	74640	73963	74553	74386	0.50	cps
Erbium	164-1	95410	97917	99606	97644	2.16	cps
Erbium	164-2	66192	67730	66966	66963	1.15	cps
Gadolinium	160-1	98423	100887	101833	100381	1.75	cps
Gadolinium	160-2	73515	73049	72774	73113	0.51	cps
Holmium	165-1	11206680	11500364	11631766	11446270	1.90	cps
Holmium	165-2	7953560	7994660	8037304	7995175	0.52	cps
Indium	115-1	9413572	9490488	9505155	9469738	0.52	cps
Indium	115-2	3249951	3258882	3263464	3257432	0.21	cps
Iron	56-2	1113208117	1120484890	1117988543	1117227183	0.33	cps
Iron	57-2	27838615	27830196	27357312	27675374	1.00	cps
Iron	54-2	61658712	61619676	61226182	61501524	0.39	cps
Krypton	83-1	433	430	553	472	14.88	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1340089	1409647	1403220	1384319	2.78	cps
Lead	207-1	1202455	1240094	1231558	1224702	1.61	cps
Lead	208-1	5681597	5939528	5868979	5830035	2.29	cps
Lithium	6-1	1743586	1752960	1759592	1752046	0.46	cps
Magnesium	24-2	37054585	36859306	36804443	36906111	0.36	cps
Manganese	55-2	19529296	19645838	19543922	19573019	0.32	cps
Molybdenum	94-1	74920	75610	76890	75807	1.32	cps
Molybdenum	95-1	16670	16997	16569	16745	1.33	cps
Molybdenum	96-1	39085	39052	38888	39009	0.27	cps
Molybdenum	97-1	10164	10154	10430	10249	1.53	cps
Molybdenum	98-1	25930	25719	26317	25989	1.17	cps
Neodymium	150-1	131611	132664	135013	133096	1.31	cps
Neodymium	150-2	77830	78292	77790	77971	0.36	cps
Nickel	60-2	320593	324919	323406	322973	0.68	cps
Phosphorus	31-2	34522	34028	33934	34162	0.92	cps
Potassium	39-2	4882418	4947609	4907293	4912440	0.67	cps
Rhodium	103-1	9080046	9011691	9057992	9049910	0.39	cps
Rhodium	103-2	5558396	5635682	5600381	5598153	0.69	cps
Scandium	45-1	8287529	8113657	8154396	8185194	1.11	cps
Scandium	45-2	756919	750774	749716	752470	0.52	cps
Selenium	82-1	991	959	845	932	8.22	cps
Selenium	77-2	380	393	370	381	3.07	cps
Selenium	78-2	650	693	747	697	6.95	cps
Silicon	28-1	36585526	36942944	36926948	36818473	0.55	cps
Silver	107-1	17167	17207	17350	17241	0.56	cps
Silver	109-1	16149	16152	16156	16152	0.02	cps
Sodium	23-2	221060	222703	223224	222329	0.51	cps
Strontium	86-1	244850	246663	248601	246705	0.76	cps
Strontium	88-1	2111285	2096539	2145086	2117637	1.18	cps
Sulfur	34-1	268077	262535	262453	264355	1.22	cps
Terbium	159-1	11658959	11944162	11788501	11797207	1.21	cps
Terbium	159-2	8021929	7901305	7914843	7946026	0.83	cps
Thallium	203-1	4151	4227	4537	4305	4.76	cps
Thallium	205-1	9130	10274	11562	10322	11.79	cps
Tin	118-1	36306	36897	37358	36854	1.43	cps
Titanium	47-1	1353373	1369817	1338284	1353825	1.16	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:55:25	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34388	34692	34304	34461	0.59	cps
Vanadium	51-2	3673886	3684289	3652494	3670223	0.44	cps
Yttrium	89-1	18546280	18260962	18539889	18449044	0.88	cps
Yttrium	89-2	4673751	4560876	4634626	4623084	1.24	cps
Zinc	66-2	545342	542440	540851	542878	0.42	cps
Zirconium	90-1	178211	182775	184402	181796	1.77	cps
Zirconium	91-1	39844	40603	41518	40655	2.06	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32428772	32085521	31830100	32114798	0.94	cps
Antimony	121-1	21353	21783	22321	21819	2.22	cps
Arsenic	75-2	124376	124328	124624	124443	0.13	cps
Barium	135-1	1058011	1071048	1075167	1068075	0.84	cps
Barium	137-1	1872977	1923133	1905274	1900461	1.34	cps
Beryllium	9-1	2894	2780	3050	2908	4.66	cps
Bismuth	209-1	6899261	6917472	6947191	6921308	0.35	cps
Bismuth	209-2	5328122	5435886	5377592	5380533	1.00	cps
Bromine	81-1	13203	13523	13737	13487	1.99	cps
Bromine	81-2	1003	1073	1017	1031	3.60	cps
Cadmium	108-1	1050	1007	1130	1062	5.89	cps
Cadmium	106-1	5304	5218	5221	5248	0.94	cps
Cadmium	111-1	15917	16034	16096	16016	0.57	cps
Calcium	43-1	346627	351924	355175	351242	1.23	cps
Calcium	44-1	5206199	5337983	5330054	5291412	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1080381	1074223	1071275	1075293	0.43	cps
Cobalt	59-2	981499	976948	974525	977657	0.36	cps
Copper	63-2	3785103	3777244	3775310	3779219	0.14	cps
Dysprosium	156-1	96633	98600	98758	97997	1.21	cps
Dysprosium	156-2	73987	75696	73967	74550	1.33	cps
Erbium	164-1	98833	99703	99397	99311	0.44	cps
Erbium	164-2	66243	67214	67054	66837	0.78	cps
Gadolinium	160-1	100474	100175	101686	100778	0.79	cps
Gadolinium	160-2	72490	72945	72540	72658	0.34	cps
Holmium	165-1	11703500	11739071	11531838	11658136	0.95	cps
Holmium	165-2	7996128	7936880	8032290	7988433	0.60	cps
Indium	115-1	9568603	9491878	9528187	9529556	0.40	cps
Indium	115-2	3259370	3245202	3260076	3254882	0.26	cps
Iron	56-2	1121906783	1114393050	1122938063	1119745966	0.42	cps
Iron	57-2	27625075	27723871	27317520	27555489	0.77	cps
Iron	54-2	61866426	61798322	61661477	61775409	0.17	cps
Krypton	83-1	467	523	467	486	6.74	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1383763	1406972	1417556	1402764	1.23	cps
Lead	207-1	1235776	1255642	1251995	1247805	0.85	cps
Lead	208-1	5884688	5962554	5940247	5929163	0.68	cps
Lithium	6-1	1742986	1727429	1697044	1722486	1.36	cps
Magnesium	24-2	37354775	36958836	37139595	37151069	0.53	cps
Manganese	55-2	19476504	19536833	19422985	19478774	0.29	cps
Molybdenum	94-1	74384	75855	77373	75871	1.97	cps
Molybdenum	95-1	16823	17163	17754	17247	2.73	cps
Molybdenum	96-1	37969	39206	38718	38631	1.61	cps
Molybdenum	97-1	10330	10521	9907	10253	3.06	cps
Molybdenum	98-1	25556	25963	25883	25801	0.84	cps
Neodymium	150-1	133321	135810	134380	134504	0.93	cps
Neodymium	150-2	76610	76925	77609	77048	0.66	cps
Nickel	60-2	323349	324108	323160	323539	0.16	cps
Phosphorus	31-2	34449	34569	33533	34184	1.66	cps
Potassium	39-2	4922518	4922612	4955450	4933527	0.38	cps
Rhodium	103-1	9145840	9121786	9005041	9090889	0.83	cps
Rhodium	103-2	5637963	5551659	5623471	5604364	0.82	cps
Scandium	45-1	8097093	8196186	8230212	8174497	0.85	cps
Scandium	45-2	757601	757328	757260	757396	0.02	cps
Selenium	82-1	894	809	899	867	5.84	cps
Selenium	77-2	360	367	330	352	5.54	cps
Selenium	78-2	737	703	673	704	4.50	cps
Silicon	28-1	36183085	37279175	37189812	36884024	1.65	cps
Silver	107-1	16580	16910	16873	16788	1.08	cps
Silver	109-1	15482	15755	15765	15667	1.03	cps
Sodium	23-2	241827	242754	286972	257184	10.03	cps
Strontium	86-1	244636	251628	251493	249253	1.60	cps
Strontium	88-1	2117649	2172295	2175499	2155148	1.51	cps
Sulfur	34-1	259427	259101	260680	259736	0.32	cps
Terbium	159-1	11994278	11882086	11919734	11932032	0.48	cps
Terbium	159-2	7956284	8096379	7850213	7967626	1.55	cps
Thallium	203-1	4211	4511	4751	4491	6.03	cps
Thallium	205-1	10087	10754	11311	10718	5.72	cps
Tin	118-1	37081	37308	38588	37659	2.16	cps
Titanium	47-1	1319380	1337600	1347127	1334702	1.06	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-01RE	Instrumnet Name :	P7
Client Sample ID :	MYDAB3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 03:58:35	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34836	35236	35280	35117	0.70	cps
Vanadium	51-2	3683264	3681637	3676377	3680426	0.10	cps
Yttrium	89-1	18407273	18610216	18546198	18521229	0.56	cps
Yttrium	89-2	4625040	4639125	4595762	4619976	0.48	cps
Zinc	66-2	548630	542304	543484	544806	0.62	cps
Zirconium	90-1	177235	185445	187541	183407	2.97	cps
Zirconium	91-1	39754	41372	41699	40941	2.54	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27461516	27137884	26929907	27176436	0.99	cps
Antimony	121-1	21436	21490	21503	21476	0.16	cps
Arsenic	75-2	187765	186338	185808	186637	0.54	cps
Barium	135-1	999994	1018598	1019109	1012567	1.08	cps
Barium	137-1	1797495	1835564	1816844	1816634	1.05	cps
Beryllium	9-1	2437	2604	2584	2541	3.58	cps
Bismuth	209-1	6901218	6962113	6851872	6905068	0.80	cps
Bismuth	209-2	5327435	5363107	5229161	5306567	1.31	cps
Bromine	81-1	11965	12269	12285	12173	1.48	cps
Bromine	81-2	627	680	693	667	5.29	cps
Cadmium	108-1	777	917	857	850	8.26	cps
Cadmium	106-1	4968	4874	5018	4953	1.47	cps
Cadmium	111-1	12510	12627	12966	12701	1.86	cps
Calcium	43-1	298341	303393	306767	302833	1.40	cps
Calcium	44-1	4472647	4612185	4542160	4542331	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1057472	1047686	1047836	1050998	0.53	cps
Cobalt	59-2	860021	860798	852147	857655	0.56	cps
Copper	63-2	3412908	3395293	3429427	3412543	0.50	cps
Dysprosium	156-1	75287	76500	77047	76278	1.18	cps
Dysprosium	156-2	57480	56533	57226	57080	0.86	cps
Erbium	164-1	80303	81559	82653	81505	1.44	cps
Erbium	164-2	54011	54007	53529	53849	0.51	cps
Gadolinium	160-1	78606	78602	77680	78296	0.68	cps
Gadolinium	160-2	55128	56232	55791	55717	1.00	cps
Holmium	165-1	11507552	11513346	11818621	11613173	1.53	cps
Holmium	165-2	7899269	7918370	7797167	7871602	0.83	cps
Indium	115-1	9643304	9744090	9665935	9684443	0.55	cps
Indium	115-2	3243420	3199773	3206864	3216686	0.73	cps
Iron	56-2	1029169185	1021464971	1018854411	1023162856	0.52	cps
Iron	57-2	25175207	24784297	25058133	25005879	0.80	cps
Iron	54-2	56566709	56351641	56104298	56340882	0.41	cps
Krypton	83-1	450	453	467	457	1.93	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1177707	1192665	1207228	1192533	1.24	cps
Lead	207-1	1050398	1071409	1057362	1059723	1.01	cps
Lead	208-1	4991400	5058771	5057554	5035908	0.77	cps
Lithium	6-1	1680277	1707490	1660177	1682648	1.41	cps
Magnesium	24-2	31133600	30991355	30699490	30941482	0.72	cps
Manganese	55-2	15487183	15492028	15275861	15418357	0.80	cps
Molybdenum	94-1	63671	65804	66460	65312	2.23	cps
Molybdenum	95-1	12082	12819	12519	12473	2.97	cps
Molybdenum	96-1	31360	32887	32346	32198	2.40	cps
Molybdenum	97-1	7345	7552	7829	7575	3.20	cps
Molybdenum	98-1	18846	18976	18812	18878	0.46	cps
Neodymium	150-1	101690	104148	104161	103333	1.38	cps
Neodymium	150-2	57697	57497	56466	57220	1.15	cps
Nickel	60-2	349712	346884	345245	347280	0.65	cps
Phosphorus	31-2	34486	35007	34579	34690	0.80	cps
Potassium	39-2	6210537	6259652	6107784	6192658	1.25	cps
Rhodium	103-1	9128453	9270339	9224810	9207867	0.79	cps
Rhodium	103-2	5611646	5584784	5557010	5584480	0.49	cps
Scandium	45-1	7882734	8049375	7971598	7967902	1.05	cps
Scandium	45-2	737091	729966	734662	733906	0.49	cps
Selenium	82-1	820	829	794	815	2.27	cps
Selenium	77-2	297	310	307	304	2.28	cps
Selenium	78-2	650	523	577	583	10.90	cps
Silicon	28-1	37720772	38015973	37854963	37863902	0.39	cps
Silver	107-1	12135	12642	12492	12423	2.10	cps
Silver	109-1	11741	11721	12179	11881	2.17	cps
Sodium	23-2	275889	278930	279216	278012	0.66	cps
Strontium	86-1	220165	223386	224576	222709	1.02	cps
Strontium	88-1	1837364	1915110	1923617	1892030	2.51	cps
Sulfur	34-1	265458	262833	264403	264232	0.50	cps
Terbium	159-1	11846184	11989321	12114282	11983262	1.12	cps
Terbium	159-2	7773791	7731768	7733101	7746220	0.31	cps
Thallium	203-1	3871	3847	3951	3889	1.39	cps
Thallium	205-1	9040	9570	9864	9491	4.40	cps
Tin	118-1	36279	37054	36406	36580	1.14	cps
Titanium	47-1	2034341	2113993	2132383	2093572	2.49	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-02	Instrumnet Name :	P7
Client Sample ID :	MYDAB4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:01:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21664	22299	22169	22044	1.52	cps
Vanadium	51-2	3276480	3255542	3251118	3261047	0.42	cps
Yttrium	89-1	17933308	18316161	18597305	18282258	1.82	cps
Yttrium	89-2	4518963	4567853	4504210	4530342	0.74	cps
Zinc	66-2	451659	449085	450013	450252	0.29	cps
Zirconium	90-1	159610	162559	162377	161515	1.02	cps
Zirconium	91-1	36071	36011	36151	36078	0.20	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32108355	32078030	31953128	32046504	0.26	cps
Antimony	121-1	17007	16850	16820	16892	0.59	cps
Arsenic	75-2	121872	119395	121284	120850	1.07	cps
Barium	135-1	870737	872954	879325	874339	0.51	cps
Barium	137-1	1478158	1541201	1529683	1516348	2.21	cps
Beryllium	9-1	2707	2674	2550	2644	3.12	cps
Bismuth	209-1	6808916	6718322	6672077	6733105	1.03	cps
Bismuth	209-2	5223874	5211075	5296591	5243847	0.88	cps
Bromine	81-1	14250	14431	14013	14231	1.47	cps
Bromine	81-2	1120	1090	1107	1106	1.36	cps
Cadmium	108-1	947	950	960	952	0.73	cps
Cadmium	106-1	5111	5118	4834	5021	3.22	cps
Cadmium	111-1	14576	14389	14183	14383	1.37	cps
Calcium	43-1	416623	425690	426417	422910	1.29	cps
Calcium	44-1	6173129	6460849	6417948	6350642	2.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1147529	1128929	1137722	1138060	0.82	cps
Cobalt	59-2	1061995	1054664	1054683	1057114	0.40	cps
Copper	63-2	3859102	3772941	3767888	3799977	1.35	cps
Dysprosium	156-1	74312	75770	74902	74994	0.98	cps
Dysprosium	156-2	56262	56999	56279	56513	0.74	cps
Erbium	164-1	76696	75127	74172	75332	1.69	cps
Erbium	164-2	51802	51678	50745	51409	1.12	cps
Gadolinium	160-1	75676	77486	78076	77079	1.62	cps
Gadolinium	160-2	55212	55205	55563	55327	0.37	cps
Holmium	165-1	11603762	11543028	11575320	11574037	0.26	cps
Holmium	165-2	7886153	7805441	7832262	7841285	0.52	cps
Indium	115-1	9395491	9424282	9578546	9466106	1.04	cps
Indium	115-2	3191090	3216989	3257007	3221695	1.03	cps
Iron	56-2	1120976037	1112596277	1115896490	1116489601	0.38	cps
Iron	57-2	27481609	27647169	27254804	27461194	0.72	cps
Iron	54-2	61947061	61873736	61828519	61883105	0.10	cps
Krypton	83-1	480	537	487	501	6.18	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1281708	1278070	1265965	1275248	0.65	cps
Lead	207-1	1108972	1163024	1148175	1140057	2.45	cps
Lead	208-1	5292559	5438352	5356752	5362554	1.36	cps
Lithium	6-1	1634228	1649913	1645906	1643349	0.50	cps
Magnesium	24-2	37699844	37535894	37184740	37473493	0.70	cps
Manganese	55-2	18482030	18583930	18398655	18488205	0.50	cps
Molybdenum	94-1	56927	56495	57623	57015	1.00	cps
Molybdenum	95-1	12085	12479	12188	12251	1.67	cps
Molybdenum	96-1	31434	31861	31851	31716	0.77	cps
Molybdenum	97-1	7512	7752	7582	7615	1.62	cps
Molybdenum	98-1	18889	19183	19116	19063	0.81	cps
Neodymium	150-1	103631	103527	103805	103654	0.14	cps
Neodymium	150-2	58745	58558	58772	58691	0.20	cps
Nickel	60-2	368864	368422	366104	367797	0.40	cps
Phosphorus	31-2	33173	33370	33196	33246	0.32	cps
Potassium	39-2	5400393	5448428	5404145	5417655	0.49	cps
Rhodium	103-1	8991742	9135927	9148524	9092064	0.96	cps
Rhodium	103-2	5503708	5413948	5455355	5457670	0.82	cps
Scandium	45-1	7572297	7820331	7732883	7708503	1.63	cps
Scandium	45-2	726332	719526	713126	719662	0.92	cps
Selenium	82-1	714	692	810	738	8.49	cps
Selenium	77-2	300	273	227	267	13.92	cps
Selenium	78-2	680	623	560	621	9.66	cps
Silicon	28-1	43539298	43904088	43918471	43787285	0.49	cps
Silver	107-1	15832	15799	15545	15725	1.00	cps
Silver	109-1	14507	15145	14884	14845	2.16	cps
Sodium	23-2	315633	316004	314977	315538	0.16	cps
Strontium	86-1	236411	242793	244043	241082	1.70	cps
Strontium	88-1	2081979	2049926	2063530	2065145	0.78	cps
Sulfur	34-1	275291	275477	274860	275210	0.12	cps
Terbium	159-1	11805663	12021974	11810301	11879312	1.04	cps
Terbium	159-2	7777997	7778072	7722867	7759645	0.41	cps
Thallium	203-1	3240	2927	3174	3114	5.30	cps
Thallium	205-1	7405	7719	7435	7520	2.30	cps
Tin	118-1	36994	37278	37546	37273	0.74	cps
Titanium	47-1	2579327	2670470	2596243	2615347	1.85	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-03	Instrumnet Name :	P7
Client Sample ID :	MYDAB5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:04:51	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24296	24703	24883	24627	1.22	cps
Vanadium	51-2	3348744	3364978	3339176	3350966	0.39	cps
Yttrium	89-1	18271297	17787666	18016286	18025083	1.34	cps
Yttrium	89-2	4531614	4526462	4449631	4502569	1.02	cps
Zinc	66-2	549456	549955	547989	549133	0.19	cps
Zirconium	90-1	138001	141746	140895	140214	1.40	cps
Zirconium	91-1	30505	31594	31885	31328	2.32	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22305196	22308980	22344701	22319626	0.10	cps
Antimony	121-1	30896	31067	31471	31145	0.95	cps
Arsenic	75-2	131862	130595	131590	131349	0.51	cps
Barium	135-1	585790	594563	596460	592271	0.96	cps
Barium	137-1	1016972	1024590	1021956	1021173	0.38	cps
Beryllium	9-1	1790	1817	1850	1819	1.65	cps
Bismuth	209-1	6863589	6973956	6808125	6881890	1.23	cps
Bismuth	209-2	5315260	5284708	5342336	5314101	0.54	cps
Bromine	81-1	11828	11551	11528	11636	1.44	cps
Bromine	81-2	567	567	670	601	9.93	cps
Cadmium	108-1	993	970	890	951	5.70	cps
Cadmium	106-1	5008	4697	4761	4822	3.40	cps
Cadmium	111-1	10675	10458	10722	10618	1.33	cps
Calcium	43-1	464729	468309	472693	468577	0.85	cps
Calcium	44-1	6996509	6955350	7038087	6996649	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1427294	1401437	1415809	1414847	0.92	cps
Cobalt	59-2	1039097	1027558	1032982	1033212	0.56	cps
Copper	63-2	3002835	3042143	2979295	3008091	1.06	cps
Dysprosium	156-1	35829	35883	35258	35656	0.97	cps
Dysprosium	156-2	27380	26913	27410	27234	1.02	cps
Erbium	164-1	41822	43153	42725	42567	1.60	cps
Erbium	164-2	28245	28559	28252	28352	0.63	cps
Gadolinium	160-1	36711	37156	36621	36829	0.78	cps
Gadolinium	160-2	26275	26769	26468	26504	0.94	cps
Holmium	165-1	11774586	11709104	11525890	11669860	1.10	cps
Holmium	165-2	7861543	7840421	7772061	7824675	0.60	cps
Indium	115-1	9543810	9613346	9448114	9535090	0.87	cps
Indium	115-2	3240575	3189979	3243212	3224589	0.93	cps
Iron	56-2	820764361	812733295	820671908	818056521	0.56	cps
Iron	57-2	20165835	20323867	20100865	20196856	0.57	cps
Iron	54-2	44887064	44773198	45315741	44992001	0.64	cps
Krypton	83-1	403	407	390	400	2.20	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	766158	770774	766789	767907	0.33	cps
Lead	207-1	679475	696695	692488	689553	1.30	cps
Lead	208-1	3221793	3103200	3088691	3137895	2.33	cps
Lithium	6-1	1648338	1640817	1634731	1641295	0.42	cps
Magnesium	24-2	25831898	25957045	26115672	25968205	0.55	cps
Manganese	55-2	15477634	15273059	15350614	15367103	0.67	cps
Molybdenum	94-1	54203	55204	55709	55039	1.39	cps
Molybdenum	95-1	6865	7469	7479	7271	4.83	cps
Molybdenum	96-1	23442	23446	23432	23440	0.03	cps
Molybdenum	97-1	4461	4391	4291	4381	1.95	cps
Molybdenum	98-1	10601	10574	10777	10651	1.04	cps
Neodymium	150-1	47904	48383	48674	48320	0.80	cps
Neodymium	150-2	27634	27443	27236	27438	0.72	cps
Nickel	60-2	381624	374325	379291	378413	0.99	cps
Phosphorus	31-2	23925	24316	24787	24343	1.77	cps
Potassium	39-2	3896921	3907503	3877283	3893902	0.39	cps
Rhodium	103-1	9176877	9218617	9194176	9196557	0.23	cps
Rhodium	103-2	5649385	5530816	5618909	5599703	1.10	cps
Scandium	45-1	6978439	7182105	7078822	7079789	1.44	cps
Scandium	45-2	656247	661789	658223	658753	0.43	cps
Selenium	82-1	688	733	763	728	5.19	cps
Selenium	77-2	153	137	177	156	12.92	cps
Selenium	78-2	460	603	547	537	13.45	cps
Silicon	28-1	35999016	36631660	36107373	36246016	0.93	cps
Silver	107-1	6311	6918	6625	6618	4.59	cps
Silver	109-1	6045	6101	6305	6150	2.22	cps
Sodium	23-2	339856	338170	344999	341008	1.04	cps
Strontium	86-1	257681	260924	260905	259837	0.72	cps
Strontium	88-1	2210828	2267863	2239462	2239384	1.27	cps
Sulfur	34-1	253651	255546	252998	254065	0.52	cps
Terbium	159-1	11840532	12145959	11915246	11967246	1.33	cps
Terbium	159-2	7735504	7901831	7787122	7808152	1.09	cps
Thallium	203-1	2124	2027	1927	2026	4.86	cps
Thallium	205-1	4901	5004	4744	4883	2.68	cps
Tin	118-1	27025	26882	27306	27071	0.80	cps
Titanium	47-1	4756198	4870661	4924287	4850382	1.77	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-04	Instrumnet Name :	P7
Client Sample ID :	MYDAB6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:07:56	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15396	15446	15306	15382	0.46	cps
Vanadium	51-2	1870137	1881009	1868271	1873139	0.37	cps
Yttrium	89-1	17416241	17717828	17628331	17587467	0.88	cps
Yttrium	89-2	4353922	4407262	4402273	4387819	0.67	cps
Zinc	66-2	383694	380572	379751	381339	0.55	cps
Zirconium	90-1	140125	142537	142487	141716	0.97	cps
Zirconium	91-1	31116	31885	31918	31640	1.43	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30408546	30541224	30527990	30492587	0.24	cps
Antimony	121-1	20441	20074	20071	20195	1.05	cps
Arsenic	75-2	166408	168255	166977	167213	0.57	cps
Barium	135-1	721996	725239	726186	724474	0.30	cps
Barium	137-1	1238241	1254951	1274533	1255908	1.45	cps
Beryllium	9-1	2427	2484	2407	2439	1.63	cps
Bismuth	209-1	6795139	7020824	6857283	6891082	1.69	cps
Bismuth	209-2	5356468	5337279	5351140	5348295	0.19	cps
Bromine	81-1	14050	14053	14284	14129	0.95	cps
Bromine	81-2	1090	1107	1167	1121	3.60	cps
Cadmium	108-1	853	833	887	858	3.14	cps
Cadmium	106-1	5241	4938	4794	4991	4.57	cps
Cadmium	111-1	13292	13063	12735	13030	2.15	cps
Calcium	43-1	362483	361971	371318	365257	1.44	cps
Calcium	44-1	5456597	5577332	5555746	5529891	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1137191	1130125	1140082	1135799	0.45	cps
Cobalt	59-2	929267	931453	932632	931118	0.18	cps
Copper	63-2	3429548	3451485	3407803	3429612	0.64	cps
Dysprosium	156-1	77646	78270	78256	78058	0.46	cps
Dysprosium	156-2	59529	60021	60248	59933	0.61	cps
Erbium	164-1	79257	80728	79886	79957	0.92	cps
Erbium	164-2	53489	52572	53271	53111	0.90	cps
Gadolinium	160-1	80781	82696	82216	81898	1.22	cps
Gadolinium	160-2	58066	58140	57976	58061	0.14	cps
Holmium	165-1	11888888	11537804	11778399	11735030	1.53	cps
Holmium	165-2	7991476	8034120	8049790	8025129	0.38	cps
Indium	115-1	9717398	9690493	9823774	9743888	0.72	cps
Indium	115-2	3284756	3296039	3229163	3269986	1.09	cps
Iron	56-2	1042880358	1043171691	1054517958	1046856669	0.63	cps
Iron	57-2	25593152	25792140	25864746	25750013	0.55	cps
Iron	54-2	57534042	57736284	57892541	57720956	0.31	cps
Krypton	83-1	467	467	490	474	2.84	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	999314	976877	985804	987332	1.14	cps
Lead	207-1	871732	878493	890494	880240	1.08	cps
Lead	208-1	4112419	4150566	4202492	4155159	1.09	cps
Lithium	6-1	1622035	1636553	1625764	1628117	0.46	cps
Magnesium	24-2	35311424	35597945	35353730	35421033	0.44	cps
Manganese	55-2	14959634	15198073	15173945	15110551	0.87	cps
Molybdenum	94-1	58443	59283	58848	58858	0.71	cps
Molybdenum	95-1	11681	12118	11658	11819	2.19	cps
Molybdenum	96-1	30629	31514	31704	31282	1.83	cps
Molybdenum	97-1	7292	7575	7459	7442	1.91	cps
Molybdenum	98-1	18625	18745	18826	18732	0.54	cps
Neodymium	150-1	107016	109293	106955	107755	1.24	cps
Neodymium	150-2	61594	59997	60372	60654	1.38	cps
Nickel	60-2	374522	374716	372312	373850	0.36	cps
Phosphorus	31-2	29806	29879	29979	29888	0.29	cps
Potassium	39-2	3348403	3333192	3327267	3336287	0.33	cps
Rhodium	103-1	9250373	9155928	9271865	9226056	0.67	cps
Rhodium	103-2	5627243	5634524	5627611	5629793	0.07	cps
Scandium	45-1	8202184	8370478	8312432	8295031	1.03	cps
Scandium	45-2	766448	771182	775319	770983	0.58	cps
Selenium	82-1	720	774	731	742	3.87	cps
Selenium	77-2	340	337	263	313	13.83	cps
Selenium	78-2	567	640	617	608	6.16	cps
Silicon	28-1	38616669	39758610	39485823	39287034	1.52	cps
Silver	107-1	10104	9743	10077	9975	2.01	cps
Silver	109-1	9070	9040	9420	9176	2.30	cps
Sodium	23-2	259848	260182	260420	260150	0.11	cps
Strontium	86-1	255770	264814	261212	260599	1.75	cps
Strontium	88-1	2187292	2272845	2226445	2228861	1.92	cps
Sulfur	34-1	278291	280960	281503	280251	0.61	cps
Terbium	159-1	12124159	11869561	12337747	12110489	1.94	cps
Terbium	159-2	7937226	7878322	7848842	7888130	0.57	cps
Thallium	203-1	2490	2520	2484	2498	0.78	cps
Thallium	205-1	5871	5968	5915	5918	0.82	cps
Tin	118-1	36192	36226	37766	36728	2.45	cps
Titanium	47-1	1479878	1503450	1511088	1498139	1.09	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-05	Instrumnet Name :	P7
Client Sample ID :	MYDAB7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:11:05	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25040	24807	24997	24948	0.50	cps
Vanadium	51-2	3470883	3485315	3494282	3483493	0.34	cps
Yttrium	89-1	18154445	18382755	18205486	18247562	0.66	cps
Yttrium	89-2	4581302	4589551	4544623	4571825	0.52	cps
Zinc	66-2	485726	490101	491669	489165	0.63	cps
Zirconium	90-1	142133	142197	144136	142822	0.80	cps
Zirconium	91-1	31721	32112	32947	32260	1.94	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20442211	20444308	20049413	20311977	1.12	cps
Antimony	121-1	37756	38328	38725	38270	1.27	cps
Arsenic	75-2	114474	114719	114642	114612	0.11	cps
Barium	135-1	487207	496198	491786	491730	0.91	cps
Barium	137-1	842952	857012	855356	851774	0.90	cps
Beryllium	9-1	1913	1750	1687	1783	6.56	cps
Bismuth	209-1	7122241	6912123	6929439	6987934	1.67	cps
Bismuth	209-2	5292512	5402504	5355698	5350238	1.03	cps
Bromine	81-1	11281	11628	11805	11571	2.30	cps
Bromine	81-2	497	467	460	474	4.12	cps
Cadmium	108-1	997	1053	1083	1044	4.21	cps
Cadmium	106-1	5034	4921	4864	4940	1.75	cps
Cadmium	111-1	11839	11964	11893	11899	0.52	cps
Calcium	43-1	488504	502044	504430	498326	1.72	cps
Calcium	44-1	7509583	7557726	7620714	7562674	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1350876	1345879	1346786	1347847	0.20	cps
Cobalt	59-2	1069947	1065147	1073235	1069443	0.38	cps
Copper	63-2	3334675	3261999	3253601	3283425	1.36	cps
Dysprosium	156-1	32541	33246	32367	32718	1.42	cps
Dysprosium	156-2	24668	24832	24622	24707	0.45	cps
Erbium	164-1	37647	38313	37607	37856	1.05	cps
Erbium	164-2	25263	24966	24705	24978	1.12	cps
Gadolinium	160-1	33617	34456	33580	33884	1.46	cps
Gadolinium	160-2	23724	23837	24201	23921	1.04	cps
Holmium	165-1	11650448	11858997	11752359	11753934	0.89	cps
Holmium	165-2	7930913	7959050	7982193	7957385	0.32	cps
Indium	115-1	9696719	9936481	9929980	9854393	1.39	cps
Indium	115-2	3301177	3338375	3304573	3314708	0.62	cps
Iron	56-2	748369616	754817829	755705029	752964158	0.53	cps
Iron	57-2	18394666	18573154	18213035	18393618	0.98	cps
Iron	54-2	41311179	41500117	41611916	41474404	0.37	cps
Krypton	83-1	370	343	393	369	6.78	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	900111	903315	908824	904083	0.49	cps
Lead	207-1	796613	807527	799390	801177	0.71	cps
Lead	208-1	3806660	3808981	3815423	3810355	0.12	cps
Lithium	6-1	1599686	1634967	1612307	1615653	1.11	cps
Magnesium	24-2	22260559	22404364	22295028	22319984	0.34	cps
Manganese	55-2	12507211	12574041	12553209	12544820	0.27	cps
Molybdenum	94-1	62262	63179	63008	62816	0.78	cps
Molybdenum	95-1	6438	7312	6732	6827	6.51	cps
Molybdenum	96-1	23976	24290	23512	23926	1.64	cps
Molybdenum	97-1	4061	4114	4264	4146	2.54	cps
Molybdenum	98-1	10180	10020	10040	10080	0.87	cps
Neodymium	150-1	45289	45433	45256	45326	0.21	cps
Neodymium	150-2	25450	25273	25850	25524	1.16	cps
Nickel	60-2	353409	348776	351395	351194	0.66	cps
Phosphorus	31-2	25024	25014	25211	25083	0.44	cps
Potassium	39-2	3584142	3561332	3560441	3568638	0.38	cps
Rhodium	103-1	9285445	9389522	9427893	9367620	0.79	cps
Rhodium	103-2	5723091	5803219	5747110	5757807	0.71	cps
Scandium	45-1	7115777	7176401	7287728	7193302	1.21	cps
Scandium	45-2	662999	662813	661583	662465	0.12	cps
Selenium	82-1	749	790	772	770	2.70	cps
Selenium	77-2	183	117	167	156	22.30	cps
Selenium	78-2	487	587	480	518	11.54	cps
Silicon	28-1	30086738	30370095	30548626	30335153	0.77	cps
Silver	107-1	7775	7822	8152	7917	2.59	cps
Silver	109-1	7315	7675	7575	7522	2.47	cps
Sodium	23-2	393454	395208	392572	393745	0.34	cps
Strontium	86-1	235749	239328	241673	238916	1.25	cps
Strontium	88-1	2052276	2067015	2057081	2058791	0.37	cps
Sulfur	34-1	255045	259243	260878	258389	1.16	cps
Terbium	159-1	12144212	12032039	12057331	12077861	0.49	cps
Terbium	159-2	7847190	8024257	7851640	7907696	1.28	cps
Thallium	203-1	2054	2107	2270	2144	5.27	cps
Thallium	205-1	4918	5201	5168	5095	3.04	cps
Tin	118-1	32266	33916	33616	33266	2.64	cps
Titanium	47-1	6522409	6695032	6620749	6612730	1.31	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-06	Instrumnet Name :	P7
Client Sample ID :	MYDAB8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:14:11	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15055	15886	15586	15509	2.71	cps
Vanadium	51-2	1633274	1650545	1653097	1645639	0.66	cps
Yttrium	89-1	17972547	18147631	18063561	18061246	0.48	cps
Yttrium	89-2	4499042	4416864	4456918	4457608	0.92	cps
Zinc	66-2	407814	407361	404403	406526	0.46	cps
Zirconium	90-1	160177	164645	164129	162983	1.50	cps
Zirconium	91-1	36195	36308	37117	36540	1.38	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21911716	21872116	21918934	21900922	0.12	cps
Antimony	121-1	32497	33693	33202	33130	1.81	cps
Arsenic	75-2	119160	118716	119543	119140	0.35	cps
Barium	135-1	648539	656342	666084	656989	1.34	cps
Barium	137-1	1125214	1134265	1158990	1139490	1.53	cps
Beryllium	9-1	2033	1717	2003	1918	9.12	cps
Bismuth	209-1	6907191	6936098	7012562	6951950	0.78	cps
Bismuth	209-2	5308662	5466126	5353825	5376204	1.51	cps
Bromine	81-1	12235	12399	12238	12291	0.76	cps
Bromine	81-2	657	600	530	596	10.65	cps
Cadmium	108-1	963	1060	1100	1041	6.75	cps
Cadmium	106-1	4744	4858	4981	4861	2.44	cps
Cadmium	111-1	10282	10150	10926	10453	3.97	cps
Calcium	43-1	467388	478389	483100	476292	1.69	cps
Calcium	44-1	7004736	7249176	7274922	7176278	2.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1326059	1319894	1312764	1319572	0.50	cps
Cobalt	59-2	1141954	1146171	1141419	1143181	0.23	cps
Copper	63-2	3245586	3293223	3332061	3290290	1.32	cps
Dysprosium	156-1	36504	37062	37420	36995	1.25	cps
Dysprosium	156-2	28476	28539	27687	28234	1.68	cps
Erbium	164-1	42130	42525	43016	42557	1.04	cps
Erbium	164-2	28229	28339	27991	28186	0.63	cps
Gadolinium	160-1	36691	37614	37072	37126	1.25	cps
Gadolinium	160-2	27043	27260	26949	27084	0.59	cps
Holmium	165-1	11768676	11625342	11593335	11662451	0.80	cps
Holmium	165-2	8001046	8054975	7929217	7995079	0.79	cps
Indium	115-1	9767044	9739027	9774757	9760276	0.19	cps
Indium	115-2	3266289	3227107	3334604	3276000	1.66	cps
Iron	56-2	802633135	815157935	801421321	806404130	0.94	cps
Iron	57-2	19554898	19788803	19904804	19749502	0.90	cps
Iron	54-2	44498484	44651358	43942128	44363990	0.84	cps
Krypton	83-1	447	467	440	451	3.08	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	813628	823095	824354	820359	0.71	cps
Lead	207-1	722091	731834	729309	727745	0.69	cps
Lead	208-1	3404369	3461395	3490399	3452054	1.27	cps
Lithium	6-1	1660241	1547616	1618296	1608718	3.54	cps
Magnesium	24-2	24273201	23973227	24055037	24100489	0.64	cps
Manganese	55-2	14232123	14466444	14011498	14236688	1.60	cps
Molybdenum	94-1	60755	61348	62087	61397	1.09	cps
Molybdenum	95-1	7118	7072	7098	7096	0.33	cps
Molybdenum	96-1	24828	24487	24217	24511	1.25	cps
Molybdenum	97-1	4141	4291	4444	4292	3.54	cps
Molybdenum	98-1	10784	11021	11021	10942	1.25	cps
Neodymium	150-1	50718	51403	51427	51183	0.79	cps
Neodymium	150-2	28930	27817	28342	28363	1.96	cps
Nickel	60-2	384825	385908	388404	386379	0.47	cps
Phosphorus	31-2	26490	26974	25628	26364	2.59	cps
Potassium	39-2	6300251	6223737	6181747	6235245	0.96	cps
Rhodium	103-1	9355204	9391014	9352730	9366316	0.23	cps
Rhodium	103-2	5640156	5759480	5764883	5721506	1.23	cps
Scandium	45-1	7073889	7216859	7347778	7212842	1.90	cps
Scandium	45-2	662672	660420	663184	662092	0.22	cps
Selenium	82-1	868	736	838	814	8.52	cps
Selenium	77-2	217	147	117	160	32.07	cps
Selenium	78-2	547	560	533	547	2.44	cps
Silicon	28-1	29916234	30569664	30469979	30318625	1.16	cps
Silver	107-1	8369	8803	9043	8738	3.91	cps
Silver	109-1	7852	8012	8439	8101	3.75	cps
Sodium	23-2	371696	374029	374259	373328	0.38	cps
Strontium	86-1	232484	235285	237137	234969	1.00	cps
Strontium	88-1	1976737	2034194	2021371	2010767	1.50	cps
Sulfur	34-1	259217	262613	261461	261097	0.66	cps
Terbium	159-1	12149132	12129341	12206777	12161750	0.33	cps
Terbium	159-2	8000467	7928100	7891992	7940186	0.70	cps
Thallium	203-1	2704	2664	2397	2588	6.44	cps
Thallium	205-1	5818	6101	5895	5938	2.47	cps
Tin	118-1	31972	32513	32590	32359	1.04	cps
Titanium	47-1	5005271	5047336	5054236	5035614	0.53	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-07	Instrumnet Name :	P7
Client Sample ID :	MYDAB9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:17:21	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17228	16877	17134	17080	1.06	cps
Vanadium	51-2	1751212	1739497	1765608	1752105	0.75	cps
Yttrium	89-1	17981758	18149554	18311661	18147658	0.91	cps
Yttrium	89-2	4461825	4471720	4480018	4471188	0.20	cps
Zinc	66-2	352867	348243	350466	350525	0.66	cps
Zirconium	90-1	157527	161656	160850	160011	1.37	cps
Zirconium	91-1	35349	36155	35386	35630	1.28	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21607299	21811352	21583591	21667414	0.58	cps
Antimony	121-1	31184	31605	32153	31647	1.54	cps
Arsenic	75-2	126833	126530	125895	126419	0.38	cps
Barium	135-1	719440	725413	726246	723700	0.51	cps
Barium	137-1	1249322	1253894	1265271	1256162	0.65	cps
Beryllium	9-1	2357	2247	2167	2257	4.23	cps
Bismuth	209-1	7054664	7062844	7080554	7066021	0.19	cps
Bismuth	209-2	5507313	5401567	5471704	5460195	0.99	cps
Bromine	81-1	12555	11995	12545	12365	2.59	cps
Bromine	81-2	667	583	650	633	6.96	cps
Cadmium	108-1	980	1077	1120	1059	6.77	cps
Cadmium	106-1	4994	4978	4841	4938	1.70	cps
Cadmium	111-1	10692	10519	10860	10691	1.59	cps
Calcium	43-1	518428	524488	529522	524146	1.06	cps
Calcium	44-1	7846270	7907516	8008488	7920758	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1336225	1333957	1328702	1332961	0.29	cps
Cobalt	59-2	1115723	1111857	1119835	1115805	0.36	cps
Copper	63-2	3398708	3369261	3397662	3388544	0.49	cps
Dysprosium	156-1	43711	44132	44841	44228	1.29	cps
Dysprosium	156-2	33864	33366	33026	33419	1.26	cps
Erbium	164-1	48644	49313	49504	49154	0.92	cps
Erbium	164-2	32271	32431	32989	32564	1.16	cps
Gadolinium	160-1	43989	44437	45320	44582	1.52	cps
Gadolinium	160-2	31933	32077	32291	32100	0.56	cps
Holmium	165-1	11802570	11875906	11801407	11826628	0.36	cps
Holmium	165-2	8073619	7963321	7944296	7993745	0.87	cps
Indium	115-1	9737811	9653399	9788015	9726408	0.70	cps
Indium	115-2	3252699	3250346	3239400	3247482	0.22	cps
Iron	56-2	787999535	776871988	780278868	781716797	0.73	cps
Iron	57-2	19650935	19303528	19305736	19420066	1.03	cps
Iron	54-2	43029879	42971889	43084871	43028880	0.13	cps
Krypton	83-1	360	407	423	397	8.28	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	695906	692477	707222	698535	1.10	cps
Lead	207-1	616735	623991	621900	620875	0.60	cps
Lead	208-1	2785585	2802740	2824975	2804434	0.70	cps
Lithium	6-1	1646345	1661174	1638953	1648824	0.69	cps
Magnesium	24-2	22313431	22306156	22462404	22360663	0.39	cps
Manganese	55-2	15508171	15410186	15516188	15478181	0.38	cps
Molybdenum	94-1	73125	75245	74294	74221	1.43	cps
Molybdenum	95-1	7289	7595	7715	7533	2.92	cps
Molybdenum	96-1	26561	26230	26574	26455	0.74	cps
Molybdenum	97-1	4291	4754	4551	4532	5.13	cps
Molybdenum	98-1	11228	11428	11248	11301	0.98	cps
Neodymium	150-1	62099	62719	62628	62482	0.54	cps
Neodymium	150-2	35020	35695	35468	35394	0.97	cps
Nickel	60-2	363763	367953	366211	365976	0.58	cps
Phosphorus	31-2	23475	22941	23335	23250	1.19	cps
Potassium	39-2	3210194	3229873	3216767	3218944	0.31	cps
Rhodium	103-1	9334466	9264076	9130874	9243139	1.12	cps
Rhodium	103-2	5715687	5695090	5602610	5671129	1.06	cps
Scandium	45-1	7076425	7110507	7138437	7108457	0.44	cps
Scandium	45-2	650893	652411	650803	651369	0.14	cps
Selenium	82-1	904	834	840	859	4.54	cps
Selenium	77-2	137	203	187	176	19.76	cps
Selenium	78-2	517	570	593	560	7.02	cps
Silicon	28-1	25549724	25765889	25933328	25749647	0.75	cps
Silver	107-1	7482	7919	8356	7919	5.52	cps
Silver	109-1	7285	7219	7219	7241	0.53	cps
Sodium	23-2	291866	294599	291766	292744	0.55	cps
Strontium	86-1	269498	272384	274898	272260	0.99	cps
Strontium	88-1	2312547	2306764	2308290	2309200	0.13	cps
Sulfur	34-1	265811	266855	263348	265338	0.68	cps
Terbium	159-1	12216072	12093421	12038423	12115972	0.75	cps
Terbium	159-2	7924551	7871037	7961598	7919062	0.57	cps
Thallium	203-1	2164	2257	2240	2220	2.24	cps
Thallium	205-1	5228	5381	5244	5284	1.59	cps
Tin	118-1	28609	28538	28909	28685	0.69	cps
Titanium	47-1	4854722	4923366	4893896	4890661	0.70	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-08	Instrumnet Name :	P7
Client Sample ID :	MYDAC0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:20:29	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20726	20596	21741	21021	2.98	cps
Vanadium	51-2	1704244	1688357	1698887	1697163	0.48	cps
Yttrium	89-1	17932836	17804751	18091096	17942894	0.80	cps
Yttrium	89-2	4433850	4443045	4482202	4453033	0.58	cps
Zinc	66-2	341128	342404	342925	342153	0.27	cps
Zirconium	90-1	190556	192254	195541	192784	1.31	cps
Zirconium	91-1	42314	42933	42404	42550	0.79	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20745552	20538844	20063453	20449283	1.71	cps
Antimony	121-1	28241	29430	29153	28941	2.15	cps
Arsenic	75-2	134314	131664	131933	132637	1.10	cps
Barium	135-1	613780	629382	623195	622119	1.26	cps
Barium	137-1	1072378	1075616	1088790	1078928	0.81	cps
Beryllium	9-1	2027	1983	1963	1991	1.63	cps
Bismuth	209-1	6827543	6922050	6871061	6873551	0.69	cps
Bismuth	209-2	4603614	5104726	5294115	5000818	7.13	cps
Bromine	81-1	12809	13129	12716	12885	1.68	cps
Bromine	81-2	757	687	717	720	4.88	cps
Cadmium	108-1	1170	1230	1183	1195	2.64	cps
Cadmium	106-1	5234	5291	5084	5203	2.05	cps
Cadmium	111-1	12191	12192	12210	12198	0.09	cps
Calcium	43-1	451673	458268	461794	457245	1.12	cps
Calcium	44-1	6792511	6820270	6830239	6814340	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1235714	1219182	1219603	1224833	0.77	cps
Cobalt	59-2	1139067	1132420	1125436	1132307	0.60	cps
Copper	63-2	3636145	3604259	3611124	3617176	0.46	cps
Dysprosium	156-1	44166	45972	45985	45374	2.31	cps
Dysprosium	156-2	34910	35060	34783	34918	0.40	cps
Erbium	164-1	51003	51786	51719	51502	0.84	cps
Erbium	164-2	34847	34650	34620	34705	0.36	cps
Gadolinium	160-1	45938	47397	48600	47312	2.82	cps
Gadolinium	160-2	34101	34255	34619	34325	0.78	cps
Holmium	165-1	11301099	11194403	11423407	11306303	1.01	cps
Holmium	165-2	6687415	7480626	7792421	7320154	7.78	cps
Indium	115-1	9457209	9466807	9421948	9448655	0.25	cps
Indium	115-2	2811689	3148981	3140885	3033852	6.34	cps
Iron	56-2	747116736	748024762	732479669	742540389	1.17	cps
Iron	57-2	18269464	18070812	18180021	18173432	0.55	cps
Iron	54-2	41120801	40449984	40505727	40692171	0.91	cps
Krypton	83-1	443	447	467	452	2.79	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1124414	1142118	1140966	1135833	0.87	cps
Lead	207-1	1000294	1017601	1029707	1015867	1.46	cps
Lead	208-1	4746488	4854463	4857843	4819598	1.31	cps
Lithium	6-1	1623985	1607957	1622132	1618025	0.54	cps
Magnesium	24-2	21677901	21445606	21362321	21495276	0.76	cps
Manganese	55-2	12880083	12951680	12648996	12826920	1.23	cps
Molybdenum	94-1	70713	72177	73145	72011	1.70	cps
Molybdenum	95-1	7806	7969	8076	7950	1.71	cps
Molybdenum	96-1	25956	26892	26250	26366	1.81	cps
Molybdenum	97-1	4757	4824	4908	4830	1.56	cps
Molybdenum	98-1	11805	12158	11815	11926	1.69	cps
Neodymium	150-1	62598	63268	63362	63076	0.66	cps
Neodymium	150-2	36076	36106	36066	36083	0.06	cps
Nickel	60-2	350597	348168	344647	347804	0.86	cps
Phosphorus	31-2	28560	28403	28550	28504	0.31	cps
Potassium	39-2	4197122	4176552	4173934	4182536	0.30	cps
Rhodium	103-1	8989075	8993795	9022516	9001796	0.20	cps
Rhodium	103-2	4752326	5375139	5447371	5191612	7.36	cps
Scandium	45-1	6891861	6917619	6962211	6923897	0.51	cps
Scandium	45-2	562534	618749	632526	604603	6.13	cps
Selenium	82-1	720	689	717	709	2.39	cps
Selenium	77-2	173	163	203	180	11.56	cps
Selenium	78-2	540	590	527	552	6.05	cps
Silicon	28-1	33804963	34300436	34070967	34058789	0.73	cps
Silver	107-1	12652	12712	12352	12572	1.54	cps
Silver	109-1	11505	12028	11902	11812	2.31	cps
Sodium	23-2	254762	255578	255744	255361	0.21	cps
Strontium	86-1	253613	257936	259846	257131	1.24	cps
Strontium	88-1	2191503	2205342	2183367	2193404	0.51	cps
Sulfur	34-1	271298	274969	271780	272682	0.73	cps
Terbium	159-1	11552267	11755491	11858276	11722011	1.33	cps
Terbium	159-2	6695484	7538383	7833858	7355908	8.03	cps
Thallium	203-1	2377	2467	2450	2431	1.97	cps
Thallium	205-1	5675	5818	5875	5789	1.78	cps
Tin	118-1	31795	31678	32440	31971	1.28	cps
Titanium	47-1	3724030	3791612	3778832	3764825	0.95	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:23:40	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21384	22245	22699	22110	3.02	cps
Vanadium	51-2	1750077	1697432	1704510	1717339	1.66	cps
Yttrium	89-1	17283983	17471505	17515766	17423751	0.71	cps
Yttrium	89-2	3830546	4213741	4351460	4131916	6.53	cps
Zinc	66-2	404263	403990	400571	402941	0.51	cps
Zirconium	90-1	184382	189307	189891	187860	1.61	cps
Zirconium	91-1	41562	42505	42114	42060	1.13	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21316556	21475436	21712839	21501610	0.93	cps
Antimony	121-1	31501	31979	31257	31579	1.16	cps
Arsenic	75-2	137887	138704	137123	137904	0.57	cps
Barium	135-1	640713	644423	640414	641850	0.35	cps
Barium	137-1	1105255	1118032	1118796	1114027	0.68	cps
Beryllium	9-1	1927	2290	2020	2079	9.08	cps
Bismuth	209-1	6953914	6952207	6899032	6935051	0.45	cps
Bismuth	209-2	5433451	5391973	5395553	5406992	0.43	cps
Bromine	81-1	11715	12172	11852	11913	1.97	cps
Bromine	81-2	560	660	660	627	9.21	cps
Cadmium	108-1	1067	1163	1333	1188	11.37	cps
Cadmium	106-1	5021	4911	5101	5011	1.90	cps
Cadmium	111-1	12655	12393	12241	12430	1.69	cps
Calcium	43-1	475364	479119	482392	478958	0.73	cps
Calcium	44-1	7076517	7131076	7220539	7142711	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1295679	1288214	1288549	1290814	0.33	cps
Cobalt	59-2	1169722	1166604	1154475	1163600	0.69	cps
Copper	63-2	3679252	3723247	3688260	3696920	0.63	cps
Dysprosium	156-1	46821	47731	47343	47298	0.97	cps
Dysprosium	156-2	36133	35722	36491	36115	1.06	cps
Erbium	164-1	53134	53987	53559	53560	0.80	cps
Erbium	164-2	35699	36397	35792	35963	1.05	cps
Gadolinium	160-1	48357	50046	48902	49101	1.76	cps
Gadolinium	160-2	34756	34786	35034	34859	0.44	cps
Holmium	165-1	11498725	11659731	11555838	11571431	0.71	cps
Holmium	165-2	7861638	7868120	7828755	7852838	0.27	cps
Indium	115-1	9533471	9608343	9445656	9529157	0.85	cps
Indium	115-2	3232059	3275192	3180746	3229333	1.46	cps
Iron	56-2	772232975	772138548	776411802	773594442	0.32	cps
Iron	57-2	19035582	18983614	19074146	19031114	0.24	cps
Iron	54-2	42674729	42307854	42856618	42613067	0.66	cps
Krypton	83-1	390	437	360	396	9.77	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1161739	1176721	1170513	1169658	0.64	cps
Lead	207-1	1044041	1049837	1038991	1044290	0.52	cps
Lead	208-1	4911074	4954661	4878617	4914784	0.78	cps
Lithium	6-1	1673173	1609693	1604132	1628999	2.35	cps
Magnesium	24-2	22695661	22686109	22925835	22769201	0.60	cps
Manganese	55-2	13223023	13290811	13381306	13298380	0.60	cps
Molybdenum	94-1	74981	77832	76053	76288	1.89	cps
Molybdenum	95-1	8342	8272	8086	8234	1.61	cps
Molybdenum	96-1	27362	27232	27653	27416	0.79	cps
Molybdenum	97-1	4818	5021	4984	4941	2.19	cps
Molybdenum	98-1	12055	12209	12359	12207	1.24	cps
Neodymium	150-1	64510	66597	64899	65335	1.70	cps
Neodymium	150-2	36902	36497	37082	36827	0.81	cps
Nickel	60-2	363147	365718	367059	365308	0.54	cps
Phosphorus	31-2	30113	29869	29842	29942	0.50	cps
Potassium	39-2	4348153	4401142	4370733	4373343	0.61	cps
Rhodium	103-1	9129786	9080678	9131102	9113855	0.32	cps
Rhodium	103-2	5544272	5593135	5573555	5570321	0.44	cps
Scandium	45-1	6936762	6905314	6989062	6943713	0.61	cps
Scandium	45-2	644712	649138	644776	646209	0.39	cps
Selenium	82-1	792	762	797	783	2.38	cps
Selenium	77-2	147	153	167	156	6.55	cps
Selenium	78-2	550	577	443	523	13.48	cps
Silicon	28-1	32843196	32879832	32643415	32788815	0.39	cps
Silver	107-1	12362	12676	12556	12531	1.26	cps
Silver	109-1	11972	12542	11998	12171	2.65	cps
Sodium	23-2	260404	262329	264719	262484	0.82	cps
Strontium	86-1	262525	269843	267387	266585	1.40	cps
Strontium	88-1	2309364	2315034	2351369	2325255	0.98	cps
Sulfur	34-1	265448	265208	267442	266032	0.46	cps
Terbium	159-1	11732621	12027025	11787975	11849207	1.32	cps
Terbium	159-2	7909248	7680769	7879392	7823136	1.59	cps
Thallium	203-1	2360	2427	2577	2455	4.52	cps
Thallium	205-1	5788	5788	5631	5736	1.58	cps
Tin	118-1	31782	32400	32540	32241	1.25	cps
Titanium	47-1	3979239	4013043	4099072	4030451	1.53	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:26:48	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22586	22449	22522	22519	0.30	cps
Vanadium	51-2	1786430	1782834	1795090	1788118	0.35	cps
Yttrium	89-1	17699896	17697304	17755062	17717421	0.18	cps
Yttrium	89-2	4429253	4423808	4366637	4406566	0.79	cps
Zinc	66-2	417854	418645	417710	418070	0.12	cps
Zirconium	90-1	195277	197826	199773	197625	1.14	cps
Zirconium	91-1	43060	44965	44424	44150	2.22	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3982421	3971635	3991313	3981790	0.25	cps
Antimony	121-1	5931	6265	6195	6130	2.87	cps
Arsenic	75-2	26036	25990	26854	26293	1.85	cps
Barium	135-1	120978	124095	122199	122424	1.28	cps
Barium	137-1	213385	213878	212352	213205	0.37	cps
Beryllium	9-1	403	400	397	400	0.83	cps
Bismuth	209-1	7126299	7071959	7245656	7147971	1.24	cps
Bismuth	209-2	5476782	5566232	5575202	5539405	0.98	cps
Bromine	81-1	9623	9987	9667	9759	2.03	cps
Bromine	81-2	183	163	197	181	9.26	cps
Cadmium	108-1	187	290	223	233	22.45	cps
Cadmium	106-1	3607	3497	3347	3484	3.75	cps
Cadmium	111-1	4304	4152	4137	4198	2.21	cps
Calcium	43-1	89056	88711	89944	89237	0.71	cps
Calcium	44-1	1361591	1376550	1386120	1374753	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241044	240460	241267	240924	0.17	cps
Cobalt	59-2	223053	221547	222173	222258	0.34	cps
Copper	63-2	722986	721643	723087	722572	0.11	cps
Dysprosium	156-1	9517	9236	9223	9325	1.78	cps
Dysprosium	156-2	6842	6762	7018	6874	1.91	cps
Erbium	164-1	9954	10331	10150	10145	1.86	cps
Erbium	164-2	6972	7072	7085	7043	0.88	cps
Gadolinium	160-1	9270	9437	9143	9283	1.59	cps
Gadolinium	160-2	6835	6982	6922	6913	1.07	cps
Holmium	165-1	11952825	11608795	11517426	11693015	1.96	cps
Holmium	165-2	7825781	8033663	7947879	7935774	1.32	cps
Indium	115-1	9781603	9577514	9569206	9642775	1.25	cps
Indium	115-2	3291649	3301671	3342545	3311955	0.81	cps
Iron	56-2	145598281	145234248	145661485	145498005	0.16	cps
Iron	57-2	3555571	3554314	3512958	3540948	0.68	cps
Iron	54-2	7958285	7959213	8016034	7977844	0.41	cps
Krypton	83-1	367	377	363	369	1.88	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	228144	228776	230383	229101	0.50	cps
Lead	207-1	201459	205698	205132	204096	1.13	cps
Lead	208-1	911258	921425	921840	918175	0.65	cps
Lithium	6-1	1683962	1646602	1649302	1659956	1.26	cps
Magnesium	24-2	4198228	4164303	4216732	4193088	0.63	cps
Manganese	55-2	2520476	2509750	2524159	2518128	0.30	cps
Molybdenum	94-1	13256	14360	14184	13933	4.26	cps
Molybdenum	95-1	1750	1593	1723	1689	4.96	cps
Molybdenum	96-1	5298	5538	5334	5390	2.40	cps
Molybdenum	97-1	1150	1013	1083	1082	6.32	cps
Molybdenum	98-1	2687	2537	2690	2638	3.32	cps
Neodymium	150-1	12636	13039	12836	12837	1.57	cps
Neodymium	150-2	6922	6972	6772	6888	1.51	cps
Nickel	60-2	68887	69038	69008	68978	0.12	cps
Phosphorus	31-2	5808	5664	5578	5683	2.04	cps
Potassium	39-2	951638	947258	957208	952035	0.52	cps
Rhodium	103-1	9266251	9388610	9292043	9315635	0.69	cps
Rhodium	103-2	5605189	5653578	5740689	5666485	1.21	cps
Scandium	45-1	6414404	6491999	6416716	6441040	0.69	cps
Scandium	45-2	585948	582637	590028	586204	0.63	cps
Selenium	82-1	504	570	547	540	6.24	cps
Selenium	77-2	43	33	63	47	32.74	cps
Selenium	78-2	410	320	423	384	14.62	cps
Silicon	28-1	6534853	6587448	6514348	6545550	0.58	cps
Silver	107-1	2544	2527	2657	2576	2.75	cps
Silver	109-1	2404	2397	2344	2381	1.38	cps
Sodium	23-2	106612	107265	106478	106785	0.39	cps
Strontium	86-1	49399	51138	50593	50377	1.77	cps
Strontium	88-1	437113	438479	441164	438919	0.47	cps
Sulfur	34-1	241976	239078	237034	239363	1.04	cps
Terbium	159-1	12029879	12081572	11822525	11977992	1.14	cps
Terbium	159-2	7735410	7787179	7912928	7811839	1.17	cps
Thallium	203-1	620	553	603	592	5.86	cps
Thallium	205-1	1490	1493	1367	1450	4.98	cps
Tin	118-1	7725	7799	7535	7687	1.77	cps
Titanium	47-1	747629	754437	750751	750939	0.45	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 04:29:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4561	4294	4191	4349	4.39	cps
Vanadium	51-2	347005	347491	345418	346638	0.31	cps
Yttrium	89-1	16651434	16865837	17012408	16843226	1.08	cps
Yttrium	89-2	4172595	4197716	4266331	4212214	1.15	cps
Zinc	66-2	81715	82232	81068	81672	0.71	cps
Zirconium	90-1	35379	36047	35727	35718	0.94	cps
Zirconium	91-1	8046	7855	7952	7951	1.20	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21623981	21573239	21461846	21553022	0.38	cps
Antimony	121-1	698889	708790	707407	705029	0.76	cps
Arsenic	75-2	154979	155164	151898	154014	1.19	cps
Barium	135-1	4384008	4497358	4444442	4441936	1.28	cps
Barium	137-1	7507543	7601805	7693432	7600927	1.22	cps
Beryllium	9-1	67489	67003	69243	67912	1.74	cps
Bismuth	209-1	6984903	7083822	7018847	7029190	0.72	cps
Bismuth	209-2	5472245	5504004	5435449	5470566	0.63	cps
Bromine	81-1	12035	12132	11758	11975	1.62	cps
Bromine	81-2	617	657	633	636	3.16	cps
Cadmium	108-1	6972	7002	7048	7007	0.55	cps
Cadmium	106-1	13403	12849	12859	13037	2.43	cps
Cadmium	111-1	99219	99911	100835	99988	0.81	cps
Calcium	43-1	465999	473542	473431	470991	0.92	cps
Calcium	44-1	7041612	7080151	7124038	7081934	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1912449	1916324	1944654	1924476	0.91	cps
Cobalt	59-2	3847841	3873347	3885295	3868828	0.49	cps
Copper	63-2	4678344	4643200	4563049	4628198	1.28	cps
Dysprosium	156-1	47574	46407	47614	47198	1.45	cps
Dysprosium	156-2	37035	35969	36200	36402	1.54	cps
Erbium	164-1	52438	54339	54349	53708	2.05	cps
Erbium	164-2	35358	35732	35802	35631	0.67	cps
Gadolinium	160-1	48892	48444	49109	48815	0.70	cps
Gadolinium	160-2	34980	34894	35244	35039	0.52	cps
Holmium	165-1	11835206	11763720	11661027	11753318	0.74	cps
Holmium	165-2	8080100	7986253	8157553	8074636	1.06	cps
Indium	115-1	9500171	9713821	9647619	9620537	1.14	cps
Indium	115-2	3264278	3339139	3296018	3299812	1.14	cps
Iron	56-2	770875642	764525375	763426495	766275837	0.52	cps
Iron	57-2	19182833	18990499	18940526	19037953	0.67	cps
Iron	54-2	42139811	41902458	41752124	41931464	0.47	cps
Krypton	83-1	463	423	463	450	5.13	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1266304	1290040	1277956	1278100	0.93	cps
Lead	207-1	1124862	1144662	1146936	1138820	1.07	cps
Lead	208-1	5327866	5377993	5394221	5366693	0.64	cps
Lithium	6-1	1631914	1634453	1674577	1646981	1.45	cps
Magnesium	24-2	22392420	22051958	22169063	22204480	0.78	cps
Manganese	55-2	14516761	14306769	14252599	14358709	0.97	cps
Molybdenum	94-1	73185	74913	75557	74552	1.65	cps
Molybdenum	95-1	8576	8256	8326	8386	2.01	cps
Molybdenum	96-1	27362	27155	27155	27224	0.44	cps
Molybdenum	97-1	4894	5061	4777	4911	2.90	cps
Molybdenum	98-1	12462	13046	13223	12910	3.08	cps
Neodymium	150-1	64684	66546	66302	65844	1.54	cps
Neodymium	150-2	37901	37049	37577	37509	1.15	cps
Nickel	60-2	1062577	1057021	1057493	1059031	0.29	cps
Phosphorus	31-2	29966	29722	29552	29747	0.70	cps
Potassium	39-2	4352755	4331282	4291466	4325168	0.72	cps
Rhodium	103-1	9155876	9293902	9215634	9221804	0.75	cps
Rhodium	103-2	5677439	5706248	5673702	5685796	0.31	cps
Scandium	45-1	7001296	7019234	7124914	7048481	0.95	cps
Scandium	45-2	651797	650280	647579	649885	0.33	cps
Selenium	82-1	15490	15970	16120	15860	2.08	cps
Selenium	77-2	1580	1610	1710	1633	4.17	cps
Selenium	78-2	5268	5334	5368	5323	0.96	cps
Silicon	28-1	33178402	32750063	33402528	33110331	1.00	cps
Silver	107-1	417428	422797	425566	421930	0.98	cps
Silver	109-1	391681	396845	397251	395259	0.79	cps
Sodium	23-2	254897	254727	256455	255360	0.37	cps
Strontium	86-1	263044	264628	269714	265795	1.31	cps
Strontium	88-1	2272945	2332882	2292237	2299355	1.33	cps
Sulfur	34-1	263122	264515	265769	264469	0.50	cps
Terbium	159-1	11954151	11950941	12104724	12003272	0.73	cps
Terbium	159-2	8038340	8057304	7972883	8022842	0.55	cps
Thallium	203-1	272999	281893	279975	278289	1.68	cps
Thallium	205-1	664490	673174	668446	668703	0.65	cps
Tin	118-1	32674	32490	32199	32454	0.74	cps
Titanium	47-1	3897362	3927327	3986833	3937174	1.16	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:33:11	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22452	23244	23421	23039	2.24	cps
Vanadium	51-2	3306224	3291118	3350707	3316016	0.93	cps
Yttrium	89-1	17633596	17872192	17856331	17787373	0.75	cps
Yttrium	89-2	4486718	4555985	4454766	4499156	1.15	cps
Zinc	66-2	723661	721379	719071	721370	0.32	cps
Zirconium	90-1	190026	193825	195179	193010	1.38	cps
Zirconium	91-1	42485	42765	43066	42772	0.68	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22270387	22066785	22294503	22210558	0.56	cps
Antimony	121-1	3262467	3332235	3350815	3315172	1.41	cps
Arsenic	75-2	209666	207746	209545	208986	0.51	cps
Barium	135-1	17484920	17540249	17290223	17438464	0.75	cps
Barium	137-1	29718585	30280677	30026136	30008466	0.94	cps
Beryllium	9-1	289466	294916	295308	293230	1.11	cps
Bismuth	209-1	7178870	7229818	7155186	7187958	0.53	cps
Bismuth	209-2	5503442	5580176	5577533	5553717	0.78	cps
Bromine	81-1	12138	11858	12279	12092	1.77	cps
Bromine	81-2	607	607	620	611	1.26	cps
Cadmium	108-1	28742	29497	29363	29201	1.38	cps
Cadmium	106-1	43966	43772	43502	43747	0.53	cps
Cadmium	111-1	429972	432631	439896	434166	1.18	cps
Calcium	43-1	456916	460882	462349	460049	0.61	cps
Calcium	44-1	6818136	6903736	6944922	6888931	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4381539	4326066	4353946	4353850	0.64	cps
Cobalt	59-2	13297830	12966587	13151569	13138662	1.26	cps
Copper	63-2	7717159	7684838	7780077	7727358	0.63	cps
Dysprosium	156-1	45427	46289	46707	46141	1.42	cps
Dysprosium	156-2	36130	36210	35749	36030	0.68	cps
Erbium	164-1	52448	53546	53305	53099	1.09	cps
Erbium	164-2	35595	35325	35361	35427	0.41	cps
Gadolinium	160-1	47764	49042	48614	48474	1.34	cps
Gadolinium	160-2	34369	34599	34172	34380	0.62	cps
Holmium	165-1	11799768	12007917	11795040	11867575	1.02	cps
Holmium	165-2	8018946	8094779	8070836	8061520	0.48	cps
Indium	115-1	9560676	9767355	9785309	9704446	1.29	cps
Indium	115-2	3259630	3266997	3229963	3252197	0.60	cps
Iron	56-2	754331429	752784549	766443829	757853269	0.99	cps
Iron	57-2	18542670	18595204	18839444	18659106	0.85	cps
Iron	54-2	41738354	41537908	41756409	41677557	0.29	cps
Krypton	83-1	393	470	423	429	9.01	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1591465	1775808	1775887	1714387	6.21	cps
Lead	207-1	1419602	1427253	1439650	1428835	0.71	cps
Lead	208-1	6745247	7038741	6941173	6908387	2.16	cps
Lithium	6-1	1663113	1694269	1667377	1674920	1.01	cps
Magnesium	24-2	21641151	21692072	21620253	21651159	0.17	cps
Manganese	55-2	18389802	18192161	18482540	18354834	0.81	cps
Molybdenum	94-1	72930	73872	74173	73658	0.88	cps
Molybdenum	95-1	8362	8529	8633	8508	1.60	cps
Molybdenum	96-1	26928	26741	27179	26949	0.81	cps
Molybdenum	97-1	4981	4931	4924	4945	0.63	cps
Molybdenum	98-1	12726	12932	12966	12875	1.01	cps
Neodymium	150-1	64061	65083	65608	64917	1.21	cps
Neodymium	150-2	36912	37055	36858	36942	0.28	cps
Nickel	60-2	3475725	3432355	3489290	3465790	0.86	cps
Phosphorus	31-2	28574	28436	28640	28550	0.36	cps
Potassium	39-2	4194179	4240649	4183274	4206034	0.72	cps
Rhodium	103-1	9133839	9121821	9176070	9143910	0.31	cps
Rhodium	103-2	5661754	5692598	5535570	5629974	1.48	cps
Scandium	45-1	6951645	6937168	6986582	6958465	0.37	cps
Scandium	45-2	634256	642024	636496	637592	0.63	cps
Selenium	82-1	62358	63797	63619	63258	1.24	cps
Selenium	77-2	6298	6275	6291	6288	0.19	cps
Selenium	78-2	19984	20524	19920	20143	1.65	cps
Silicon	28-1	33200080	33250914	33327212	33259402	0.19	cps
Silver	107-1	1323581	1282652	1277919	1294717	1.94	cps
Silver	109-1	1334923	1294153	1409577	1346218	4.35	cps
Sodium	23-2	247312	249336	249246	248631	0.46	cps
Strontium	86-1	257984	262643	260696	260441	0.90	cps
Strontium	88-1	2198498	2261840	2254426	2238255	1.55	cps
Sulfur	34-1	258094	257156	259304	258185	0.42	cps
Terbium	159-1	12059472	12163440	12296287	12173066	0.98	cps
Terbium	159-2	8125390	7974197	7954031	8017873	1.17	cps
Thallium	203-1	1348684	1370310	1366893	1361962	0.85	cps
Thallium	205-1	3523143	3498605	3536408	3519385	0.54	cps
Tin	118-1	30973	30887	31237	31032	0.59	cps
Titanium	47-1	3796698	3854078	3805964	3818913	0.81	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:36:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22469	23020	22689	22726	1.22	cps
Vanadium	51-2	8690848	8582248	8588431	8620509	0.71	cps
Yttrium	89-1	17540593	17699685	17589255	17609844	0.46	cps
Yttrium	89-2	4427851	4490321	4463259	4460477	0.70	cps
Zinc	66-2	1758258	1722421	1756316	1745665	1.15	cps
Zirconium	90-1	185236	192642	191052	189643	2.06	cps
Zirconium	91-1	42381	42645	42692	42573	0.39	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21463138	21799354	21587853	21616782	0.79	cps
Antimony	121-1	37225	36814	38234	37424	1.95	cps
Arsenic	75-2	142630	143553	144943	143709	0.81	cps
Barium	135-1	619596	633917	627508	627007	1.14	cps
Barium	137-1	1063390	1094967	1097090	1085149	1.74	cps
Beryllium	9-1	2160	1990	2237	2129	5.93	cps
Bismuth	209-1	7151544	7100701	7045257	7099167	0.75	cps
Bismuth	209-2	5317237	5280899	5445959	5348032	1.62	cps
Bromine	81-1	12766	12599	12986	12783	1.52	cps
Bromine	81-2	740	650	737	709	7.20	cps
Cadmium	108-1	1060	1157	1107	1108	4.36	cps
Cadmium	106-1	5044	4938	4991	4991	1.07	cps
Cadmium	111-1	12442	12333	12249	12341	0.79	cps
Calcium	43-1	425967	440691	442154	436271	2.05	cps
Calcium	44-1	6445396	6662483	6763888	6623922	2.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1246591	1243764	1242026	1244127	0.19	cps
Cobalt	59-2	1032432	1027685	1024806	1028308	0.37	cps
Copper	63-2	3503060	3534040	3538518	3525206	0.55	cps
Dysprosium	156-1	41618	42671	43069	42453	1.77	cps
Dysprosium	156-2	33025	33363	33503	33297	0.74	cps
Erbium	164-1	46621	46768	46711	46700	0.16	cps
Erbium	164-2	31151	31345	31502	31333	0.56	cps
Gadolinium	160-1	42424	43186	42869	42826	0.89	cps
Gadolinium	160-2	31028	30410	31753	31063	2.16	cps
Holmium	165-1	11410616	11625132	11620176	11551975	1.06	cps
Holmium	165-2	7957678	7925938	7857006	7913540	0.65	cps
Indium	115-1	9340826	9502026	9510490	9451114	1.01	cps
Indium	115-2	3217912	3241712	3208037	3222554	0.54	cps
Iron	56-2	779973588	779216735	774347322	777845882	0.39	cps
Iron	57-2	18818590	18884541	18907098	18870076	0.24	cps
Iron	54-2	42805044	42222315	42989123	42672161	0.94	cps
Krypton	83-1	473	357	457	429	14.71	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1176768	1191336	1195682	1187929	0.83	cps
Lead	207-1	1035522	1067075	1063329	1055309	1.63	cps
Lead	208-1	4983237	5071073	5124552	5059621	1.41	cps
Lithium	6-1	1592818	1625946	1614514	1611093	1.04	cps
Magnesium	24-2	22068929	22220451	21958461	22082614	0.60	cps
Manganese	55-2	13994288	14048952	14001516	14014919	0.21	cps
Molybdenum	94-1	77721	78633	80161	78838	1.56	cps
Molybdenum	95-1	12252	12252	12555	12353	1.42	cps
Molybdenum	96-1	31086	32526	32342	31985	2.45	cps
Molybdenum	97-1	7402	7665	7782	7616	2.56	cps
Molybdenum	98-1	18966	19950	19440	19452	2.53	cps
Neodymium	150-1	62337	62642	62990	62656	0.52	cps
Neodymium	150-2	35261	35144	35391	35265	0.35	cps
Nickel	60-2	346193	345030	347795	346339	0.40	cps
Phosphorus	31-2	27244	28032	27475	27584	1.47	cps
Potassium	39-2	5260577	5222570	5200826	5227991	0.58	cps
Rhodium	103-1	8851979	9048641	9158227	9019615	1.72	cps
Rhodium	103-2	5637524	5614154	5646139	5632606	0.29	cps
Scandium	45-1	6761320	6917044	7098778	6925714	2.44	cps
Scandium	45-2	638741	636391	642492	639208	0.48	cps
Selenium	82-1	767	967	811	849	12.35	cps
Selenium	77-2	180	177	180	179	1.07	cps
Selenium	78-2	580	597	577	584	1.83	cps
Silicon	28-1	29832977	30176260	30226939	30078725	0.71	cps
Silver	107-1	13750	12822	12649	13074	4.53	cps
Silver	109-1	12415	12232	11805	12151	2.58	cps
Sodium	23-2	303930	304449	305993	304791	0.35	cps
Strontium	86-1	208522	213150	214310	211994	1.44	cps
Strontium	88-1	1801255	1808477	1824028	1811253	0.64	cps
Sulfur	34-1	264069	265452	267876	265799	0.73	cps
Terbium	159-1	11819352	11995930	11833190	11882824	0.83	cps
Terbium	159-2	7946689	7822705	8005499	7924964	1.18	cps
Thallium	203-1	3154	3374	3254	3260	3.38	cps
Thallium	205-1	7712	7936	7732	7793	1.59	cps
Tin	118-1	38622	39274	38715	38870	0.91	cps
Titanium	47-1	4504744	4616912	4677948	4599868	1.91	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-12	Instrumnet Name :	P7
Client Sample ID :	MYDAC2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:39:14	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21951	22846	23170	22656	2.79	cps
Vanadium	51-2	1703860	1691886	1729678	1708475	1.13	cps
Yttrium	89-1	17382611	17494002	17494393	17457002	0.37	cps
Yttrium	89-2	4386640	4389721	4432677	4403013	0.58	cps
Zinc	66-2	523847	525846	524382	524692	0.20	cps
Zirconium	90-1	194527	199783	200802	198371	1.70	cps
Zirconium	91-1	43381	44464	45156	44333	2.02	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25452233	25114218	25278343	25281598	0.67	cps
Antimony	121-1	14000	14424	14477	14301	1.83	cps
Arsenic	75-2	190422	189550	190037	190003	0.23	cps
Barium	135-1	1362369	1381187	1406801	1383452	1.61	cps
Barium	137-1	2452036	2503810	2471401	2475749	1.06	cps
Beryllium	9-1	2647	2687	2914	2749	5.23	cps
Bismuth	209-1	6950813	7174895	7179307	7101672	1.84	cps
Bismuth	209-2	5445647	5422712	5486730	5451696	0.59	cps
Bromine	81-1	13026	12866	13026	12972	0.71	cps
Bromine	81-2	823	827	823	824	0.23	cps
Cadmium	108-1	807	807	690	768	8.77	cps
Cadmium	106-1	4954	4844	5071	4956	2.29	cps
Cadmium	111-1	10976	10892	11279	11049	1.84	cps
Calcium	43-1	412269	417489	418704	416154	0.82	cps
Calcium	44-1	6143479	6183422	6391810	6239570	2.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1056400	1044507	1045485	1048797	0.63	cps
Cobalt	59-2	953772	948301	950555	950876	0.29	cps
Copper	63-2	3174200	3170279	3145659	3163379	0.49	cps
Dysprosium	156-1	82413	83365	83463	83081	0.70	cps
Dysprosium	156-2	63529	63238	62950	63239	0.46	cps
Erbium	164-1	91010	92088	91521	91539	0.59	cps
Erbium	164-2	59911	59181	60533	59875	1.13	cps
Gadolinium	160-1	83379	86035	86358	85257	1.92	cps
Gadolinium	160-2	61785	60229	60514	60843	1.36	cps
Holmium	165-1	11948593	11820166	11853030	11873930	0.56	cps
Holmium	165-2	8056291	8044910	8139710	8080304	0.64	cps
Indium	115-1	9537241	9627796	9834513	9666516	1.58	cps
Indium	115-2	3283482	3207794	3277151	3256142	1.29	cps
Iron	56-2	961644279	951768012	954979026	956130439	0.53	cps
Iron	57-2	23920933	23407166	23588799	23638966	1.10	cps
Iron	54-2	53141459	52078394	52880049	52699968	1.05	cps
Krypton	83-1	490	550	477	506	7.73	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	866657	857751	861104	861837	0.52	cps
Lead	207-1	745572	763481	776368	761807	2.03	cps
Lead	208-1	3613321	3620033	3637957	3623771	0.35	cps
Lithium	6-1	1682023	1641203	1658527	1660584	1.23	cps
Magnesium	24-2	27958182	27529210	27743727	27743707	0.77	cps
Manganese	55-2	16464201	16401426	16301119	16388915	0.50	cps
Molybdenum	94-1	62345	63500	64397	63414	1.62	cps
Molybdenum	95-1	10507	10954	11344	10935	3.83	cps
Molybdenum	96-1	29466	30589	30448	30168	2.03	cps
Molybdenum	97-1	6848	6692	6708	6749	1.28	cps
Molybdenum	98-1	16630	16706	16853	16730	0.68	cps
Neodymium	150-1	117010	121959	118369	119113	2.15	cps
Neodymium	150-2	66737	67092	65676	66502	1.11	cps
Nickel	60-2	356212	352208	354495	354305	0.57	cps
Phosphorus	31-2	39584	39658	40025	39756	0.59	cps
Potassium	39-2	7629489	7467836	7493521	7530282	1.15	cps
Rhodium	103-1	9090345	9193808	9207160	9163771	0.70	cps
Rhodium	103-2	5662771	5568537	5671649	5634319	1.01	cps
Scandium	45-1	7554078	7578561	7715954	7616198	1.15	cps
Scandium	45-2	699170	696927	696228	697442	0.22	cps
Selenium	82-1	745	697	749	730	3.97	cps
Selenium	77-2	350	283	307	313	10.80	cps
Selenium	78-2	567	617	630	604	5.52	cps
Silicon	28-1	32485776	33284699	33173336	32981270	1.31	cps
Silver	107-1	8859	8896	9080	8945	1.32	cps
Silver	109-1	8453	8613	8699	8588	1.46	cps
Sodium	23-2	245772	243743	246322	245279	0.55	cps
Strontium	86-1	279287	283094	280340	280907	0.70	cps
Strontium	88-1	2440226	2417311	2432945	2430161	0.48	cps
Sulfur	34-1	266732	270765	269640	269046	0.77	cps
Terbium	159-1	12057012	12190629	12331550	12193064	1.13	cps
Terbium	159-2	7851415	7757060	7871788	7826754	0.78	cps
Thallium	203-1	3137	3137	3170	3148	0.61	cps
Thallium	205-1	7345	7576	7722	7548	2.52	cps
Tin	118-1	34094	34267	34127	34163	0.27	cps
Titanium	47-1	2330976	2364101	2365305	2353461	0.83	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-13	Instrumnet Name :	P7
Client Sample ID :	MYDAC3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:42:24	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25237	25337	25461	25345	0.44	cps
Vanadium	51-2	2978664	2892612	2886078	2919118	1.77	cps
Yttrium	89-1	18546622	18404061	18524908	18491864	0.42	cps
Yttrium	89-2	4587252	4583813	4652558	4607874	0.84	cps
Zinc	66-2	433794	434213	431936	433314	0.28	cps
Zirconium	90-1	154027	158828	159222	157359	1.84	cps
Zirconium	91-1	35252	35920	35997	35723	1.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9037545	8951465	8938964	8975991	0.60	cps
Antimony	121-1	11118	11238	11101	11152	0.67	cps
Arsenic	75-2	30759	31253	31009	31007	0.80	cps
Barium	135-1	773352	787237	790023	783537	1.14	cps
Barium	137-1	1323964	1355442	1351700	1343702	1.28	cps
Beryllium	9-1	2060	2184	2290	2178	5.29	cps
Bismuth	209-1	7281619	7202138	7235624	7239794	0.55	cps
Bismuth	209-2	5623028	5467749	5415969	5502249	1.96	cps
Bromine	81-1	12188	11858	11758	11935	1.89	cps
Bromine	81-2	493	543	453	497	9.08	cps
Cadmium	108-1	163	217	220	200	15.90	cps
Cadmium	106-1	4141	4024	3761	3975	4.90	cps
Cadmium	111-1	5591	5469	5329	5463	2.40	cps
Calcium	43-1	465432	475720	475464	472205	1.24	cps
Calcium	44-1	7014434	7108342	7093821	7072199	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	274306	270484	270077	271622	0.86	cps
Cobalt	59-2	224278	223580	225992	224617	0.55	cps
Copper	63-2	601240	601669	598631	600513	0.27	cps
Dysprosium	156-1	84147	85072	83379	84199	1.01	cps
Dysprosium	156-2	71451	69009	70895	70451	1.82	cps
Erbium	164-1	60226	61019	59901	60382	0.95	cps
Erbium	164-2	40178	40442	40164	40261	0.39	cps
Gadolinium	160-1	75757	77067	75894	76239	0.94	cps
Gadolinium	160-2	54626	54194	54285	54368	0.42	cps
Holmium	165-1	11988835	12133923	11921676	12014811	0.90	cps
Holmium	165-2	8065174	8058349	8142322	8088615	0.58	cps
Indium	115-1	9868008	9821227	9699031	9796089	0.89	cps
Indium	115-2	3341165	3327971	3326498	3331878	0.24	cps
Iron	56-2	278872029	278953829	278182396	278669418	0.15	cps
Iron	57-2	6936197	7013036	6873358	6940863	1.01	cps
Iron	54-2	15569532	15360459	15303472	15411154	0.91	cps
Krypton	83-1	380	457	443	427	9.60	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	566941	578260	574410	573204	1.00	cps
Lead	207-1	497136	504092	499292	500174	0.71	cps
Lead	208-1	2253891	2286684	2270977	2270517	0.72	cps
Lithium	6-1	1656609	1640903	1636049	1644520	0.65	cps
Magnesium	24-2	6983257	7047047	6920691	6983665	0.90	cps
Manganese	55-2	4799866	4773354	4734337	4769186	0.69	cps
Molybdenum	94-1	14060	13780	14561	14134	2.80	cps
Molybdenum	95-1	6682	6605	6858	6715	1.94	cps
Molybdenum	96-1	11645	11611	11775	11677	0.74	cps
Molybdenum	97-1	4304	4174	4391	4290	2.54	cps
Molybdenum	98-1	10460	10554	10707	10574	1.18	cps
Neodymium	150-1	163103	164528	163105	163579	0.50	cps
Neodymium	150-2	91495	92491	91374	91786	0.67	cps
Nickel	60-2	81963	81781	82492	82079	0.45	cps
Phosphorus	31-2	51302	50597	51486	51128	0.92	cps
Potassium	39-2	5758333	5553732	5550749	5620938	2.12	cps
Rhodium	103-1	9407243	9345309	9396418	9382990	0.35	cps
Rhodium	103-2	5791201	5724916	5706143	5740753	0.78	cps
Scandium	45-1	6536928	6511213	6585389	6544510	0.58	cps
Scandium	45-2	603145	600438	592110	598564	0.96	cps
Selenium	82-1	650	624	596	623	4.29	cps
Selenium	77-2	273	313	297	294	6.82	cps
Selenium	78-2	693	600	603	632	8.38	cps
Silicon	28-1	27861707	27875664	28191766	27976379	0.67	cps
Silver	107-1	5491	5574	5885	5650	3.67	cps
Silver	109-1	5241	5328	5138	5235	1.82	cps
Sodium	23-2	291231	290932	290868	291010	0.07	cps
Strontium	86-1	303592	308723	309799	307372	1.08	cps
Strontium	88-1	2606969	2680444	2663316	2650243	1.45	cps
Sulfur	34-1	274141	269677	267764	270527	1.21	cps
Terbium	159-1	12255992	12112010	12142128	12170043	0.62	cps
Terbium	159-2	8032557	7941732	7973165	7982484	0.58	cps
Thallium	203-1	2617	2650	2697	2655	1.51	cps
Thallium	205-1	6235	6652	6538	6475	3.33	cps
Tin	118-1	44121	45084	44749	44651	1.09	cps
Titanium	47-1	1471548	1493430	1497263	1487413	0.93	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-14	Instrumnet Name :	P7
Client Sample ID :	MYDAC4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:45:31	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31447	31831	31664	31648	0.61	cps
Vanadium	51-2	494341	492059	493400	493267	0.23	cps
Yttrium	89-1	17870513	18091650	17922174	17961446	0.64	cps
Yttrium	89-2	4538118	4460455	4395818	4464797	1.60	cps
Zinc	66-2	305265	303505	303587	304119	0.33	cps
Zirconium	90-1	27138	27846	28531	27839	2.50	cps
Zirconium	91-1	5951	6371	6278	6200	3.56	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7289702	7214735	7222728	7242388	0.57	cps
Antimony	121-1	6762	6848	6805	6805	0.64	cps
Arsenic	75-2	16996	16953	17290	17080	1.07	cps
Barium	135-1	616015	623488	626653	622052	0.88	cps
Barium	137-1	1062480	1077365	1076804	1072216	0.79	cps
Beryllium	9-1	1997	2037	1947	1993	2.26	cps
Bismuth	209-1	7061553	6903444	6973144	6979380	1.14	cps
Bismuth	209-2	5430329	5395719	5430184	5418744	0.37	cps
Bromine	81-1	11885	11868	11798	11850	0.39	cps
Bromine	81-2	533	597	597	576	6.35	cps
Cadmium	108-1	227	183	153	188	19.63	cps
Cadmium	106-1	3797	3634	3560	3664	3.31	cps
Cadmium	111-1	4223	4255	4055	4178	2.57	cps
Calcium	43-1	460336	469619	470492	466816	1.21	cps
Calcium	44-1	6962563	7165467	7037249	7055093	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	291411	289437	290884	290577	0.35	cps
Cobalt	59-2	177982	176733	180508	178408	1.08	cps
Copper	63-2	401411	397904	395198	398171	0.78	cps
Dysprosium	156-1	60038	61685	61367	61030	1.43	cps
Dysprosium	156-2	49517	50250	50059	49942	0.76	cps
Erbium	164-1	49434	50233	50173	49947	0.89	cps
Erbium	164-2	33356	33123	33293	33257	0.36	cps
Gadolinium	160-1	57742	57779	56765	57428	1.00	cps
Gadolinium	160-2	41655	41384	40642	41227	1.27	cps
Holmium	165-1	11633081	11454709	11759374	11615721	1.32	cps
Holmium	165-2	7935870	7845244	7812894	7864669	0.81	cps
Indium	115-1	9509639	9545593	9609529	9554920	0.53	cps
Indium	115-2	3251976	3222621	3198379	3224325	0.83	cps
Iron	56-2	207094810	205521010	203908577	205508132	0.78	cps
Iron	57-2	5031591	4991232	4963386	4995403	0.69	cps
Iron	54-2	11375125	11142990	11318776	11278964	1.07	cps
Krypton	83-1	353	363	440	386	12.30	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	339526	336592	340601	338906	0.61	cps
Lead	207-1	283397	282088	286307	283931	0.76	cps
Lead	208-1	1307409	1303350	1309739	1306832	0.25	cps
Lithium	6-1	1554644	1510342	1562305	1542430	1.82	cps
Magnesium	24-2	5467295	5476391	5425822	5456503	0.49	cps
Manganese	55-2	3470872	3416408	3426793	3438025	0.84	cps
Molybdenum	94-1	38217	38992	39282	38830	1.42	cps
Molybdenum	95-1	4477	4427	4704	4536	3.25	cps
Molybdenum	96-1	12632	13079	13259	12990	2.49	cps
Molybdenum	97-1	2897	2797	2370	2688	10.41	cps
Molybdenum	98-1	6822	6962	6845	6876	1.09	cps
Neodymium	150-1	117986	118823	119158	118656	0.51	cps
Neodymium	150-2	67394	65843	65448	66228	1.55	cps
Nickel	60-2	97273	98239	97847	97786	0.50	cps
Phosphorus	31-2	35809	35451	34896	35385	1.30	cps
Potassium	39-2	4583919	4576981	4515556	4558819	0.83	cps
Rhodium	103-1	9201054	9111609	9191106	9167923	0.53	cps
Rhodium	103-2	5615698	5594767	5639472	5616646	0.40	cps
Scandium	45-1	6425966	6360828	6381625	6389473	0.52	cps
Scandium	45-2	585883	585165	582349	584466	0.32	cps
Selenium	82-1	610	565	532	569	6.88	cps
Selenium	77-2	193	223	213	210	7.27	cps
Selenium	78-2	497	537	493	509	4.74	cps
Silicon	28-1	33179575	33428227	33379420	33329074	0.40	cps
Silver	107-1	3027	3060	3160	3083	2.25	cps
Silver	109-1	2814	2847	2867	2843	0.95	cps
Sodium	23-2	287764	286102	286293	286720	0.32	cps
Strontium	86-1	270197	274419	276821	273812	1.22	cps
Strontium	88-1	2328722	2355428	2360159	2348103	0.72	cps
Sulfur	34-1	244153	242180	239859	242064	0.89	cps
Terbium	159-1	11797927	11835237	11800969	11811378	0.18	cps
Terbium	159-2	7761848	7912572	7766449	7813623	1.10	cps
Thallium	203-1	2274	2227	2164	2221	2.49	cps
Thallium	205-1	5338	5154	5294	5262	1.82	cps
Tin	118-1	42285	42188	43121	42532	1.21	cps
Titanium	47-1	1229524	1255881	1250606	1245337	1.12	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-15	Instrumnet Name :	P7
Client Sample ID :	MYDAC5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:48:44	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39154	37884	38683	38574	1.66	cps
Vanadium	51-2	389686	388055	387120	388287	0.33	cps
Yttrium	89-1	17427946	17397347	17353626	17392973	0.21	cps
Yttrium	89-2	4382352	4367876	4359432	4369887	0.27	cps
Zinc	66-2	141893	141258	142516	141889	0.44	cps
Zirconium	90-1	101414	102749	103407	102523	0.99	cps
Zirconium	91-1	22998	22915	22858	22924	0.31	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12555441	12395144	12296278	12415621	1.05	cps
Antimony	121-1	13243	13290	13540	13357	1.20	cps
Arsenic	75-2	37213	36993	36478	36895	1.02	cps
Barium	135-1	1212373	1247362	1233816	1231184	1.43	cps
Barium	137-1	2197593	2187658	2240397	2208549	1.27	cps
Beryllium	9-1	3187	3097	3497	3260	6.44	cps
Bismuth	209-1	7023425	7039347	7032208	7031660	0.11	cps
Bismuth	209-2	5412868	5420027	5384189	5405695	0.35	cps
Bromine	81-1	12122	12826	12982	12643	3.63	cps
Bromine	81-2	867	807	840	838	3.59	cps
Cadmium	108-1	480	620	547	549	12.76	cps
Cadmium	106-1	4634	4284	4374	4431	4.10	cps
Cadmium	111-1	8416	8346	8550	8437	1.23	cps
Calcium	43-1	864134	880449	876632	873738	0.98	cps
Calcium	44-1	13039799	13097735	13021564	13053033	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	343836	343098	344765	343900	0.24	cps
Cobalt	59-2	300025	294995	297324	297448	0.85	cps
Copper	63-2	946629	943924	939172	943242	0.40	cps
Dysprosium	156-1	97905	99875	99519	99100	1.06	cps
Dysprosium	156-2	80191	80291	81072	80518	0.60	cps
Erbium	164-1	84041	84020	85084	84382	0.72	cps
Erbium	164-2	56470	56651	55844	56322	0.75	cps
Gadolinium	160-1	94076	95708	95791	95192	1.02	cps
Gadolinium	160-2	69123	67706	68734	68521	1.07	cps
Holmium	165-1	11588111	11772146	11476803	11612353	1.28	cps
Holmium	165-2	7879557	7962748	7915472	7919259	0.53	cps
Indium	115-1	9486896	9704308	9650219	9613808	1.18	cps
Indium	115-2	3253858	3271854	3226305	3250673	0.71	cps
Iron	56-2	375246448	371510394	372471248	373076030	0.52	cps
Iron	57-2	9308566	9210536	9207576	9242226	0.62	cps
Iron	54-2	20598523	20516251	20241201	20451992	0.91	cps
Krypton	83-1	413	513	470	466	10.77	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	858459	873038	856937	862811	1.03	cps
Lead	207-1	751227	763913	763614	759585	0.95	cps
Lead	208-1	3596276	3631856	3620428	3616187	0.50	cps
Lithium	6-1	1599568	1595100	1525738	1573469	2.63	cps
Magnesium	24-2	9410767	9418354	9419564	9416228	0.05	cps
Manganese	55-2	6974044	6955704	6840726	6923491	1.04	cps
Molybdenum	94-1	70937	73064	73272	72425	1.78	cps
Molybdenum	95-1	7866	8026	7739	7877	1.82	cps
Molybdenum	96-1	22658	23312	23309	23093	1.63	cps
Molybdenum	97-1	4664	4831	4804	4766	1.88	cps
Molybdenum	98-1	11618	12289	11952	11953	2.81	cps
Neodymium	150-1	176423	179420	181590	179144	1.45	cps
Neodymium	150-2	102086	102456	101176	101906	0.65	cps
Nickel	60-2	122253	122831	121517	122200	0.54	cps
Phosphorus	31-2	50272	50323	50296	50297	0.05	cps
Potassium	39-2	6237274	6149368	6225856	6204166	0.77	cps
Rhodium	103-1	9051290	9114978	9029569	9065279	0.49	cps
Rhodium	103-2	5712950	5730811	5663508	5702423	0.61	cps
Scandium	45-1	6437541	6428502	6553114	6473053	1.07	cps
Scandium	45-2	602948	604809	602066	603274	0.23	cps
Selenium	82-1	793	672	720	728	8.36	cps
Selenium	77-2	473	390	457	440	10.02	cps
Selenium	78-2	687	710	697	698	1.68	cps
Silicon	28-1	36867832	37373329	37314774	37185312	0.74	cps
Silver	107-1	8006	8216	8426	8216	2.56	cps
Silver	109-1	7692	7675	7792	7720	0.82	cps
Sodium	23-2	357812	352702	353844	354786	0.76	cps
Strontium	86-1	483280	491982	491227	488830	0.99	cps
Strontium	88-1	4151242	4226193	4243287	4206907	1.16	cps
Sulfur	34-1	256023	259067	260823	258638	0.94	cps
Terbium	159-1	11964291	12014331	12094979	12024534	0.55	cps
Terbium	159-2	7774448	7757642	7794614	7775568	0.24	cps
Thallium	203-1	3210	3060	3010	3094	3.37	cps
Thallium	205-1	7492	7202	7322	7339	1.99	cps
Tin	118-1	213350	217319	218637	216435	1.27	cps
Titanium	47-1	1762113	1791374	1786065	1779851	0.88	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-16	Instrumnet Name :	P7
Client Sample ID :	MYDAC6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:51:56	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33031	32854	33011	32965	0.29	cps
Vanadium	51-2	653991	654200	647442	651878	0.59	cps
Yttrium	89-1	17784944	18011949	18087802	17961565	0.88	cps
Yttrium	89-2	4587595	4618242	4530473	4578770	0.97	cps
Zinc	66-2	325677	325447	326284	325803	0.13	cps
Zirconium	90-1	185547	190611	189270	188476	1.39	cps
Zirconium	91-1	40232	42314	42812	41786	3.28	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14552045	14473224	14362496	14462588	0.66	cps
Antimony	121-1	9777	10207	10174	10052	2.38	cps
Arsenic	75-2	31684	31367	31430	31494	0.53	cps
Barium	135-1	1560968	1569794	1599843	1576868	1.29	cps
Barium	137-1	2733773	2749526	2753598	2745632	0.38	cps
Beryllium	9-1	3570	3687	3567	3608	1.89	cps
Bismuth	209-1	6836180	7024528	7085757	6982155	1.86	cps
Bismuth	209-2	5466209	5480820	5470705	5472578	0.14	cps
Bromine	81-1	13136	14117	13276	13510	3.93	cps
Bromine	81-2	957	967	983	969	1.39	cps
Cadmium	108-1	423	403	447	424	5.11	cps
Cadmium	106-1	4017	3934	4284	4078	4.48	cps
Cadmium	111-1	5043	5255	5463	5254	4.00	cps
Calcium	43-1	1213552	1238304	1253181	1235012	1.62	cps
Calcium	44-1	20023961	20395567	20320192	20246573	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	395565	396888	392494	394982	0.57	cps
Cobalt	59-2	315757	315022	314799	315192	0.16	cps
Copper	63-2	635087	631947	634428	633821	0.26	cps
Dysprosium	156-1	107165	110523	111491	109727	2.07	cps
Dysprosium	156-2	91338	92844	91801	91994	0.84	cps
Erbium	164-1	88592	90595	90916	90034	1.40	cps
Erbium	164-2	61360	61036	59727	60708	1.42	cps
Gadolinium	160-1	100182	103109	102240	101844	1.48	cps
Gadolinium	160-2	75217	74738	74222	74726	0.67	cps
Holmium	165-1	11516015	11471847	11721324	11569728	1.15	cps
Holmium	165-2	7908896	7999140	7952588	7953541	0.57	cps
Indium	115-1	9524485	9550388	9455293	9510055	0.52	cps
Indium	115-2	3238709	3270281	3255022	3254671	0.49	cps
Iron	56-2	391506901	387363128	384397968	387755999	0.92	cps
Iron	57-2	9543375	9711743	9567465	9607528	0.95	cps
Iron	54-2	21296770	21021476	21153996	21157414	0.65	cps
Krypton	83-1	420	520	463	468	10.72	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	418538	431636	432231	427469	1.81	cps
Lead	207-1	360474	371686	370685	367615	1.69	cps
Lead	208-1	1655221	1702544	1694598	1684121	1.50	cps
Lithium	6-1	1562069	1576619	1566119	1568269	0.48	cps
Magnesium	24-2	10379117	10420836	10475582	10425178	0.46	cps
Manganese	55-2	7313873	7281464	7125549	7240295	1.39	cps
Molybdenum	94-1	106936	112037	111534	110169	2.55	cps
Molybdenum	95-1	6305	6345	6405	6351	0.79	cps
Molybdenum	96-1	27369	28314	28050	27911	1.75	cps
Molybdenum	97-1	3677	3821	3917	3805	3.17	cps
Molybdenum	98-1	9436	9603	9460	9500	0.95	cps
Neodymium	150-1	198492	202944	204691	202042	1.58	cps
Neodymium	150-2	116503	116063	116002	116189	0.24	cps
Nickel	60-2	129059	128803	128599	128821	0.18	cps
Phosphorus	31-2	39494	40116	39327	39646	1.05	cps
Potassium	39-2	4776615	4861997	4849728	4829447	0.96	cps
Rhodium	103-1	8866190	9083274	9153244	9034236	1.66	cps
Rhodium	103-2	5618435	5688229	5563976	5623547	1.11	cps
Scandium	45-1	6374352	6500772	6497969	6457698	1.12	cps
Scandium	45-2	603048	607747	605131	605309	0.39	cps
Selenium	82-1	710	645	710	688	5.38	cps
Selenium	77-2	433	403	340	392	12.15	cps
Selenium	78-2	683	633	797	704	11.88	cps
Silicon	28-1	26861727	27496341	27839735	27399268	1.81	cps
Silver	107-1	3567	3701	3707	3658	2.16	cps
Silver	109-1	3000	3367	3384	3250	6.67	cps
Sodium	23-2	331673	330827	334111	332204	0.51	cps
Strontium	86-1	626597	643264	647923	639261	1.75	cps
Strontium	88-1	5421646	5524007	5504028	5483227	0.99	cps
Sulfur	34-1	248116	254221	257298	253212	1.85	cps
Terbium	159-1	11791130	11676627	11808329	11758696	0.61	cps
Terbium	159-2	7813973	7919124	7942784	7891960	0.87	cps
Thallium	203-1	3310	3194	3137	3214	2.75	cps
Thallium	205-1	7399	7759	7385	7514	2.82	cps
Tin	118-1	51973	52448	53840	52754	1.84	cps
Titanium	47-1	1833778	1877515	1856946	1856080	1.18	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-17	Instrumnet Name :	P7
Client Sample ID :	MYDAC7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:55:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30792	31691	31233	31239	1.44	cps
Vanadium	51-2	709810	707950	707202	708320	0.19	cps
Yttrium	89-1	17720453	18154315	18028381	17967716	1.24	cps
Yttrium	89-2	4514676	4570885	4457211	4514257	1.26	cps
Zinc	66-2	210316	210570	210163	210350	0.10	cps
Zirconium	90-1	290138	295865	298887	294963	1.51	cps
Zirconium	91-1	64042	66228	66620	65630	2.12	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11863321	11687036	11752034	11767464	0.76	cps
Antimony	121-1	29390	30349	30492	30077	1.99	cps
Arsenic	75-2	37888	38012	38988	38296	1.57	cps
Barium	135-1	1193290	1206711	1202401	1200801	0.57	cps
Barium	137-1	2135361	2129253	2191142	2151919	1.58	cps
Beryllium	9-1	3057	3190	3107	3118	2.16	cps
Bismuth	209-1	7167028	7148027	6358732	6891262	6.69	cps
Bismuth	209-2	5461506	5587606	5532225	5527112	1.14	cps
Bromine	81-1	11408	11751	11935	11698	2.29	cps
Bromine	81-2	617	463	593	558	14.81	cps
Cadmium	108-1	533	447	443	474	10.76	cps
Cadmium	106-1	4297	4351	3801	4150	7.31	cps
Cadmium	111-1	6689	6730	6477	6632	2.04	cps
Calcium	43-1	927147	948553	952342	942681	1.44	cps
Calcium	44-1	13882117	14374984	14282846	14179982	1.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	331119	330197	329673	330329	0.22	cps
Cobalt	59-2	286953	287809	285125	286629	0.48	cps
Copper	63-2	1684199	1670682	1666643	1673841	0.55	cps
Dysprosium	156-1	95858	96600	96186	96215	0.39	cps
Dysprosium	156-2	77039	76584	77321	76982	0.48	cps
Erbium	164-1	79437	80289	81727	80484	1.44	cps
Erbium	164-2	52833	53706	53683	53407	0.93	cps
Gadolinium	160-1	89967	93573	93657	92399	2.28	cps
Gadolinium	160-2	65342	66031	65837	65737	0.54	cps
Holmium	165-1	11940034	11815151	10457371	11404185	7.21	cps
Holmium	165-2	7940902	8035950	8048246	8008366	0.73	cps
Indium	115-1	9785780	9828709	8688207	9434232	6.85	cps
Indium	115-2	3311439	3350187	3242680	3301435	1.65	cps
Iron	56-2	371814341	369787354	369253901	370285199	0.36	cps
Iron	57-2	9193607	9077881	8849006	9040165	1.94	cps
Iron	54-2	20215414	20393681	20446043	20351713	0.59	cps
Krypton	83-1	447	453	453	451	0.85	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1104013	1122635	1131930	1119526	1.27	cps
Lead	207-1	978155	997365	1009502	995007	1.59	cps
Lead	208-1	4654496	4670798	4787499	4704264	1.54	cps
Lithium	6-1	1577101	1581954	1384206	1514420	7.45	cps
Magnesium	24-2	8885472	8966464	8953269	8935068	0.49	cps
Manganese	55-2	6603695	6643254	6517117	6588022	0.98	cps
Molybdenum	94-1	102606	104556	107440	104868	2.32	cps
Molybdenum	95-1	14728	14310	14664	14567	1.54	cps
Molybdenum	96-1	34457	35530	35283	35090	1.60	cps
Molybdenum	97-1	8676	9406	9183	9088	4.12	cps
Molybdenum	98-1	22775	23756	22781	23104	2.44	cps
Neodymium	150-1	172780	176470	176561	175270	1.23	cps
Neodymium	150-2	98880	98464	97125	98157	0.93	cps
Nickel	60-2	120331	120489	118823	119881	0.77	cps
Phosphorus	31-2	43040	43050	42034	42708	1.37	cps
Potassium	39-2	4745694	4726190	4701383	4724422	0.47	cps
Rhodium	103-1	9452334	9471300	8318260	9080631	7.27	cps
Rhodium	103-2	5800166	5749339	5718670	5756058	0.72	cps
Scandium	45-1	6648998	6634382	6030658	6438013	5.48	cps
Scandium	45-2	616056	612504	611439	613333	0.39	cps
Selenium	82-1	820	750	745	772	5.40	cps
Selenium	77-2	397	420	417	411	3.07	cps
Selenium	78-2	623	663	777	688	11.56	cps
Silicon	28-1	39890354	41041775	40422864	40451664	1.42	cps
Silver	107-1	8679	9353	9343	9125	4.23	cps
Silver	109-1	8312	8316	8519	8383	1.41	cps
Sodium	23-2	344044	345888	349944	346625	0.87	cps
Strontium	86-1	497504	512923	514016	508148	1.82	cps
Strontium	88-1	4281718	4458342	4417713	4385924	2.11	cps
Sulfur	34-1	262188	259216	256318	259241	1.13	cps
Terbium	159-1	12139800	12368334	10886191	11798108	6.76	cps
Terbium	159-2	7920908	7981971	8008428	7970436	0.56	cps
Thallium	203-1	2987	3260	3210	3153	4.62	cps
Thallium	205-1	7255	7622	7429	7435	2.47	cps
Tin	118-1	218566	223615	226792	222991	1.86	cps
Titanium	47-1	2065043	2106031	2163241	2111438	2.34	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-18	Instrumnet Name :	P7
Client Sample ID :	MYDAC8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 04:58:53	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30949	31952	32156	31686	2.04	cps
Vanadium	51-2	641329	640899	637057	639761	0.37	cps
Yttrium	89-1	18579324	18798569	16373598	17917164	7.49	cps
Yttrium	89-2	4605087	4576151	4502857	4561365	1.16	cps
Zinc	66-2	297779	298933	299253	298655	0.26	cps
Zirconium	90-1	260448	266291	269108	265283	1.67	cps
Zirconium	91-1	57348	59728	59072	58716	2.09	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9980550	9973074	9932424	9962016	0.26	cps
Antimony	121-1	11845	11635	12322	11934	2.95	cps
Arsenic	75-2	40873	41598	41341	41271	0.89	cps
Barium	135-1	682912	692068	696887	690622	1.03	cps
Barium	137-1	1190475	1202147	1201354	1197992	0.54	cps
Beryllium	9-1	1380	1403	1327	1370	2.87	cps
Bismuth	209-1	7241098	7104405	6981635	7109046	1.83	cps
Bismuth	209-2	5365334	5424752	5339256	5376447	0.81	cps
Bromine	81-1	10627	10324	10794	10582	2.25	cps
Bromine	81-2	293	317	273	294	7.37	cps
Cadmium	108-1	283	247	240	257	9.09	cps
Cadmium	106-1	4244	4071	3961	4092	3.49	cps
Cadmium	111-1	3572	3517	3344	3478	3.42	cps
Calcium	43-1	1124212	1154042	1146184	1141479	1.35	cps
Calcium	44-1	16875234	17211880	17256308	17114474	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	582869	577906	582240	581005	0.47	cps
Cobalt	59-2	439610	440281	436175	438689	0.50	cps
Copper	63-2	700101	697015	699917	699011	0.25	cps
Dysprosium	156-1	46085	46734	47015	46612	1.02	cps
Dysprosium	156-2	35909	37039	36314	36420	1.57	cps
Erbium	164-1	43488	45203	43260	43983	2.41	cps
Erbium	164-2	29234	30022	29311	29522	1.47	cps
Gadolinium	160-1	44487	45196	44945	44876	0.80	cps
Gadolinium	160-2	31966	31696	32675	32112	1.57	cps
Holmium	165-1	11982182	11796985	11585843	11788337	1.68	cps
Holmium	165-2	7984652	7935965	7981792	7967470	0.34	cps
Indium	115-1	9720489	9826968	9933979	9827145	1.09	cps
Indium	115-2	3321700	3267356	3259581	3282879	1.03	cps
Iron	56-2	352649741	348175315	348110035	349645030	0.74	cps
Iron	57-2	8640264	8554102	8687109	8627159	0.78	cps
Iron	54-2	19365814	19130606	19485099	19327173	0.93	cps
Krypton	83-1	377	343	357	359	4.68	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	104770	105376	106339	105495	0.75	cps
Lead	207-1	80692	82935	82375	82000	1.42	cps
Lead	208-1	382752	385979	385672	384801	0.46	cps
Lithium	6-1	1556166	1547262	1515967	1539798	1.37	cps
Magnesium	24-2	10404401	10288494	10359428	10350774	0.56	cps
Manganese	55-2	7148672	7006314	7138890	7097958	1.12	cps
Molybdenum	94-1	76444	77309	78405	77386	1.27	cps
Molybdenum	95-1	8546	8576	8826	8649	1.78	cps
Molybdenum	96-1	24000	24798	25222	24673	2.51	cps
Molybdenum	97-1	5378	5151	5334	5288	2.28	cps
Molybdenum	98-1	13386	13870	13406	13554	2.02	cps
Neodymium	150-1	79703	81216	81544	80821	1.21	cps
Neodymium	150-2	45329	45269	44884	45161	0.53	cps
Nickel	60-2	177001	174785	176320	176035	0.64	cps
Phosphorus	31-2	23047	22707	22653	22803	0.94	cps
Potassium	39-2	1410725	1399275	1379445	1396482	1.13	cps
Rhodium	103-1	9397804	9376434	9424858	9399698	0.26	cps
Rhodium	103-2	5744408	5789481	5679632	5737841	0.96	cps
Scandium	45-1	6654898	6705321	6671799	6677339	0.38	cps
Scandium	45-2	607590	607753	612581	609308	0.47	cps
Selenium	82-1	625	672	672	656	4.14	cps
Selenium	77-2	203	133	183	173	20.80	cps
Selenium	78-2	457	560	447	488	12.86	cps
Silicon	28-1	35121460	35405032	35631717	35386070	0.72	cps
Silver	107-1	1703	1970	2077	1917	10.03	cps
Silver	109-1	1433	1590	1877	1633	13.77	cps
Sodium	23-2	833384	838979	839485	837283	0.40	cps
Strontium	86-1	354788	360157	363229	359391	1.19	cps
Strontium	88-1	3072073	3077642	3089401	3079705	0.29	cps
Sulfur	34-1	262173	265651	268276	265367	1.15	cps
Terbium	159-1	12166688	12202252	12237309	12202083	0.29	cps
Terbium	159-2	7835811	7860353	7805843	7834002	0.35	cps
Thallium	203-1	2087	1974	1933	1998	3.98	cps
Thallium	205-1	4598	4607	4534	4580	0.87	cps
Tin	118-1	27363	28583	28128	28024	2.20	cps
Titanium	47-1	2124208	2141677	2176899	2147595	1.25	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-19	Instrumnet Name :	P7
Client Sample ID :	MYDAC9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:02:03	DataFile Name :	044ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40294	40689	40949	40644	0.81	cps
Vanadium	51-2	843068	836788	837371	839076	0.41	cps
Yttrium	89-1	17788351	17690408	17756953	17745237	0.28	cps
Yttrium	89-2	4426091	4376076	4322671	4374946	1.18	cps
Zinc	66-2	103744	102482	102250	102825	0.78	cps
Zirconium	90-1	196399	201414	203229	200348	1.77	cps
Zirconium	91-1	44340	44053	44230	44208	0.33	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9165704	9089279	9037953	9097645	0.71	cps
Antimony	121-1	9623	9827	9817	9756	1.18	cps
Arsenic	75-2	31119	31016	30685	30940	0.73	cps
Barium	135-1	381900	396015	393797	390571	1.94	cps
Barium	137-1	672126	684490	679518	678712	0.92	cps
Beryllium	9-1	1547	1430	1650	1542	7.14	cps
Bismuth	209-1	7097391	7068567	7103489	7089816	0.26	cps
Bismuth	209-2	5378175	5396968	5354636	5376593	0.39	cps
Bromine	81-1	10927	10994	11151	11024	1.04	cps
Bromine	81-2	290	403	367	353	16.37	cps
Cadmium	108-1	193	257	297	249	20.93	cps
Cadmium	106-1	3854	3854	3947	3885	1.39	cps
Cadmium	111-1	3252	3148	3202	3201	1.63	cps
Calcium	43-1	1072285	1097257	1097863	1089135	1.34	cps
Calcium	44-1	16264226	16512409	16487756	16421464	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	559698	556793	555074	557188	0.42	cps
Cobalt	59-2	334893	336000	336491	335795	0.24	cps
Copper	63-2	608041	598667	600394	602367	0.83	cps
Dysprosium	156-1	48236	49079	49590	48968	1.40	cps
Dysprosium	156-2	39392	38787	39251	39143	0.81	cps
Erbium	164-1	46176	46002	47273	46484	1.48	cps
Erbium	164-2	31425	31442	31078	31315	0.66	cps
Gadolinium	160-1	46617	47711	47761	47363	1.36	cps
Gadolinium	160-2	33584	33380	33624	33529	0.39	cps
Holmium	165-1	11850189	11791990	11915785	11852655	0.52	cps
Holmium	165-2	8018279	7974682	7863888	7952283	1.00	cps
Indium	115-1	9678662	9778998	9788526	9748728	0.62	cps
Indium	115-2	3258434	3213324	3231920	3234559	0.70	cps
Iron	56-2	320788435	316169515	314866642	317274864	0.98	cps
Iron	57-2	7853492	7850349	7748485	7817442	0.76	cps
Iron	54-2	17462303	17337039	17381765	17393702	0.36	cps
Krypton	83-1	393	397	420	403	3.60	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	106154	106420	107287	106620	0.56	cps
Lead	207-1	79568	80694	81137	80467	1.01	cps
Lead	208-1	378230	385625	384515	382790	1.04	cps
Lithium	6-1	1516620	1536634	1523252	1525502	0.67	cps
Magnesium	24-2	9065897	9036279	9012882	9038353	0.29	cps
Manganese	55-2	3963567	3943354	3885222	3930714	1.03	cps
Molybdenum	94-1	77972	78831	80821	79208	1.85	cps
Molybdenum	95-1	12078	12252	12165	12165	0.71	cps
Molybdenum	96-1	27516	28201	27980	27899	1.25	cps
Molybdenum	97-1	7222	7245	7392	7286	1.27	cps
Molybdenum	98-1	18699	18906	18645	18750	0.73	cps
Neodymium	150-1	86997	88080	88432	87836	0.85	cps
Neodymium	150-2	49246	48774	48804	48941	0.54	cps
Nickel	60-2	158996	156352	157170	157506	0.86	cps
Phosphorus	31-2	21115	20631	20727	20824	1.23	cps
Potassium	39-2	1713872	1695277	1679980	1696376	1.00	cps
Rhodium	103-1	9104714	9323325	9444105	9290715	1.85	cps
Rhodium	103-2	5653367	5597311	5687352	5646010	0.81	cps
Scandium	45-1	6579531	6565657	6664344	6603177	0.81	cps
Scandium	45-2	603118	597780	597915	599605	0.51	cps
Selenium	82-1	597	629	585	604	3.80	cps
Selenium	77-2	180	263	187	210	22.05	cps
Selenium	78-2	563	440	477	493	12.84	cps
Silicon	28-1	33829416	34514119	34610834	34318123	1.24	cps
Silver	107-1	1597	1670	1723	1663	3.82	cps
Silver	109-1	1223	1497	1543	1421	12.16	cps
Sodium	23-2	1011394	1010851	1016296	1012847	0.30	cps
Strontium	86-1	339653	346887	347773	344771	1.29	cps
Strontium	88-1	2867166	2973738	3015440	2952115	2.59	cps
Sulfur	34-1	272378	278088	277005	275824	1.10	cps
Terbium	159-1	12149789	12160830	12044431	12118350	0.53	cps
Terbium	159-2	8008334	7785864	7966499	7920232	1.49	cps
Thallium	203-1	1550	1700	1680	1643	4.96	cps
Thallium	205-1	3854	3911	3661	3808	3.44	cps
Tin	118-1	28518	28562	29437	28839	1.80	cps
Titanium	47-1	2083829	2146183	2127453	2119155	1.51	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-20	Instrumnet Name :	P7
Client Sample ID :	MYDAD0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:05:15	DataFile Name :	045ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45420	45106	45554	45360	0.51	cps
Vanadium	51-2	768784	765021	761541	765115	0.47	cps
Yttrium	89-1	17321511	17701918	17817205	17613544	1.47	cps
Yttrium	89-2	4384015	4332110	4387814	4367980	0.71	cps
Zinc	66-2	99213	97814	99055	98694	0.78	cps
Zirconium	90-1	195546	201912	202169	199876	1.88	cps
Zirconium	91-1	43648	44501	45397	44515	1.96	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8598773	8576276	8645591	8606880	0.41	cps
Antimony	121-1	10838	10744	11581	11054	4.15	cps
Arsenic	75-2	28471	28107	28330	28303	0.65	cps
Barium	135-1	406907	414065	414599	411857	1.04	cps
Barium	137-1	706293	711629	711318	709747	0.42	cps
Beryllium	9-1	1520	1340	1440	1433	6.29	cps
Bismuth	209-1	6988482	7044466	7083884	7038944	0.68	cps
Bismuth	209-2	5453639	5385917	5368705	5402753	0.83	cps
Bromine	81-1	10711	10974	10304	10663	3.17	cps
Bromine	81-2	347	270	273	297	14.61	cps
Cadmium	108-1	267	257	243	256	4.58	cps
Cadmium	106-1	4004	4167	4021	4064	2.21	cps
Cadmium	111-1	3339	3504	3334	3393	2.85	cps
Calcium	43-1	1195304	1215516	1217819	1209546	1.02	cps
Calcium	44-1	18043946	18396248	18306528	18248907	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	415426	413940	414072	414479	0.20	cps
Cobalt	59-2	271080	269774	270159	270338	0.25	cps
Copper	63-2	440037	438862	440898	439932	0.23	cps
Dysprosium	156-1	56014	56700	56390	56368	0.61	cps
Dysprosium	156-2	44751	44627	44791	44723	0.19	cps
Erbium	164-1	51163	52508	51220	51631	1.47	cps
Erbium	164-2	34035	34469	34559	34354	0.82	cps
Gadolinium	160-1	54051	54288	54810	54383	0.71	cps
Gadolinium	160-2	38927	37968	39395	38764	1.88	cps
Holmium	165-1	11769305	11580429	11615734	11655156	0.86	cps
Holmium	165-2	7947307	7949690	7816497	7904498	0.96	cps
Indium	115-1	9698999	9597577	9612968	9636515	0.57	cps
Indium	115-2	3219273	3185281	3215906	3206820	0.58	cps
Iron	56-2	290316449	294224969	290952062	291831160	0.72	cps
Iron	57-2	7205508	7221854	7302342	7243235	0.72	cps
Iron	54-2	15913193	16224177	16141860	16093077	1.00	cps
Krypton	83-1	457	423	413	431	5.26	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	104455	103951	106248	104885	1.15	cps
Lead	207-1	81624	81714	82264	81867	0.42	cps
Lead	208-1	382295	382765	389285	384782	1.02	cps
Lithium	6-1	1567715	1485989	1584943	1546216	3.42	cps
Magnesium	24-2	8441520	8481951	8409807	8444426	0.43	cps
Manganese	55-2	3906673	3860072	3898207	3888318	0.64	cps
Molybdenum	94-1	82132	85940	84626	84233	2.30	cps
Molybdenum	95-1	5584	5331	5421	5446	2.36	cps
Molybdenum	96-1	21790	21836	22344	21990	1.40	cps
Molybdenum	97-1	3507	3477	3457	3480	0.72	cps
Molybdenum	98-1	8589	8803	8529	8640	1.66	cps
Neodymium	150-1	97357	97256	97625	97413	0.20	cps
Neodymium	150-2	54036	55425	55174	54878	1.35	cps
Nickel	60-2	133804	132052	132650	132835	0.67	cps
Phosphorus	31-2	30230	30253	30387	30290	0.28	cps
Potassium	39-2	1635606	1606998	1618385	1620330	0.89	cps
Rhodium	103-1	9277638	9036219	9253742	9189199	1.45	cps
Rhodium	103-2	5680755	5590206	5679071	5650010	0.92	cps
Scandium	45-1	6459319	6490122	6589551	6512997	1.05	cps
Scandium	45-2	591082	588964	592979	591008	0.34	cps
Selenium	82-1	530	557	560	549	3.00	cps
Selenium	77-2	237	223	283	248	12.72	cps
Selenium	78-2	460	507	470	479	5.13	cps
Silicon	28-1	25134258	25394913	25376650	25301940	0.58	cps
Silver	107-1	1503	1537	1787	1609	9.63	cps
Silver	109-1	1270	1367	1400	1346	5.02	cps
Sodium	23-2	527757	530972	534524	531084	0.64	cps
Strontium	86-1	322063	326431	326149	324881	0.75	cps
Strontium	88-1	2733839	2822092	2829741	2795224	1.91	cps
Sulfur	34-1	272364	278776	279593	276911	1.43	cps
Terbium	159-1	12250659	11864886	11902796	12006114	1.77	cps
Terbium	159-2	7735335	7838308	7766618	7780087	0.68	cps
Thallium	203-1	1487	1580	1600	1556	3.89	cps
Thallium	205-1	3821	3671	3714	3735	2.07	cps
Tin	118-1	25820	27149	27252	26740	2.99	cps
Titanium	47-1	1756931	1783652	1829624	1790069	2.05	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-21	Instrumnet Name :	P7
Client Sample ID :	MYDAD1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:08:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38412	37389	36864	37555	2.10	cps
Vanadium	51-2	613164	609674	609407	610748	0.34	cps
Yttrium	89-1	17607643	17593526	17619625	17606932	0.07	cps
Yttrium	89-2	4325377	4355144	4307689	4329404	0.55	cps
Zinc	66-2	105442	103828	105842	105037	1.02	cps
Zirconium	90-1	221806	224262	224723	223597	0.70	cps
Zirconium	91-1	49038	50028	49697	49588	1.02	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13991841	13902058	13769241	13887713	0.81	cps
Antimony	121-1	5388621	5363373	5389186	5380393	0.27	cps
Arsenic	75-2	299368	297960	299666	298998	0.30	cps
Barium	135-1	7028566	7082625	7168633	7093275	1.00	cps
Barium	137-1	12042801	12262409	12283247	12196152	1.09	cps
Beryllium	9-1	930894	931929	933393	932072	0.13	cps
Bismuth	209-1	6521482	6649371	6660235	6610363	1.17	cps
Bismuth	209-2	5118711	5190367	5002060	5103713	1.86	cps
Bromine	81-1	9590	9533	9790	9638	1.40	cps
Bromine	81-2	110	103	103	106	3.65	cps
Cadmium	108-1	106571	107262	106830	106888	0.33	cps
Cadmium	106-1	153619	155395	153858	154291	0.62	cps
Cadmium	111-1	1438636	1445650	1447526	1443937	0.32	cps
Calcium	43-1	8308419	8227196	8219483	8251699	0.60	cps
Calcium	44-1	132972215	132120891	131171875	132088327	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2494897	2478611	2473646	2482385	0.45	cps
Cobalt	59-2	4098663	4074193	4088164	4087007	0.30	cps
Copper	63-2	28233935	28078951	28324297	28212395	0.44	cps
Dysprosium	156-1	753	673	717	714	5.61	cps
Dysprosium	156-2	483	413	503	467	10.13	cps
Erbium	164-1	367	320	313	333	8.72	cps
Erbium	164-2	263	213	163	213	23.44	cps
Gadolinium	160-1	210	260	283	251	14.92	cps
Gadolinium	160-2	453	410	373	412	9.71	cps
Holmium	165-1	11328359	11472209	11416716	11405761	0.64	cps
Holmium	165-2	7621006	7947879	7690605	7753163	2.22	cps
Indium	115-1	8961977	8968231	8767122	8899110	1.28	cps
Indium	115-2	2977025	2991585	3026304	2998304	0.84	cps
Iron	56-2	534397165	531459192	537837725	534564694	0.60	cps
Iron	57-2	13218460	13201577	13228059	13216032	0.10	cps
Iron	54-2	29101587	29347520	29335408	29261505	0.47	cps
Krypton	83-1	327	317	287	310	6.71	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19726903	20119323	19992444	19946223	1.00	cps
Lead	207-1	17551445	17951057	17627926	17710143	1.20	cps
Lead	208-1	79672360	81225425	80533581	80477122	0.97	cps
Lithium	6-1	1551130	1563280	1544959	1553123	0.60	cps
Magnesium	24-2	113599212	115064178	115599365	114754252	0.90	cps
Manganese	55-2	17732803	17786771	17984661	17834745	0.74	cps
Molybdenum	94-1	21773881	21771711	21869997	21805196	0.26	cps
Molybdenum	95-1	31978497	32078506	31875075	31977360	0.32	cps
Molybdenum	96-1	34327126	34520293	34753245	34533555	0.62	cps
Molybdenum	97-1	19731113	19810843	19841944	19794633	0.29	cps
Molybdenum	98-1	50867504	50958001	50717244	50847583	0.24	cps
Neodymium	150-1	337	407	353	366	10.00	cps
Neodymium	150-2	140	160	123	141	13.01	cps
Nickel	60-2	1027934	1025744	1028160	1027280	0.13	cps
Phosphorus	31-2	147150	149838	145275	147421	1.56	cps
Potassium	39-2	71164289	71122279	70753821	71013463	0.32	cps
Rhodium	103-1	8431671	8237535	8342682	8337296	1.17	cps
Rhodium	103-2	5014203	5065294	5052223	5043907	0.53	cps
Scandium	45-1	5902318	5866064	5758997	5842460	1.28	cps
Scandium	45-2	530608	529378	532646	530877	0.31	cps
Selenium	82-1	88294	89036	88058	88463	0.58	cps
Selenium	77-2	8112	8302	8513	8309	2.41	cps
Selenium	78-2	27509	27485	28200	27732	1.46	cps
Silicon	28-1	24520654	25113689	24923734	24852692	1.22	cps
Silver	107-1	6729750	6721366	6759543	6736886	0.30	cps
Silver	109-1	6321084	6283126	6363384	6322531	0.64	cps
Sodium	23-2	197208477	197455810	199758464	198140917	0.71	cps
Strontium	86-1	46547961	47122283	46552956	46741067	0.71	cps
Strontium	88-1	405864567	404684087	410069421	406872692	0.70	cps
Sulfur	34-1	785235	784561	775413	781736	0.70	cps
Terbium	159-1	11770869	11645458	11772991	11729773	0.62	cps
Terbium	159-2	7605023	7635460	7720276	7653586	0.78	cps
Thallium	203-1	5004891	5045121	5030233	5026748	0.40	cps
Thallium	205-1	11927062	12003506	12083449	12004672	0.65	cps
Tin	118-1	4586967	4529101	4576212	4564093	0.67	cps
Titanium	47-1	8751389	8706165	8658178	8705244	0.54	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P7
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:11:39	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16338977	16659759	16560130	16519622	0.99	cps
Vanadium	51-2	2222137	2232569	2229331	2228012	0.24	cps
Yttrium	89-1	15915430	15841974	15899862	15885755	0.24	cps
Yttrium	89-2	3960277	3898998	3932124	3930466	0.78	cps
Zinc	66-2	4358410	4312028	4362091	4344176	0.64	cps
Zirconium	90-1	10045162	10097008	10215097	10119089	0.86	cps
Zirconium	91-1	2238224	2245826	2259550	2247867	0.48	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	823	820	750	798	5.19	cps
Antimony	121-1	4344	3540	4081	3988	10.27	cps
Arsenic	75-2	23	10	40	24	61.49	cps
Barium	135-1	423	323	387	378	13.39	cps
Barium	137-1	780	663	560	668	16.48	cps
Beryllium	9-1	87	117	90	98	16.82	cps
Bismuth	209-1	6551388	6966297	6974663	6830783	3.54	cps
Bismuth	209-2	5472016	5461672	5454013	5462567	0.17	cps
Bromine	81-1	9326	9543	9253	9374	1.61	cps
Bromine	81-2	167	120	140	142	16.46	cps
Cadmium	108-1	17	23	23	21	18.21	cps
Cadmium	106-1	3027	2910	3037	2991	2.35	cps
Cadmium	111-1	2231	2121	2190	2180	2.54	cps
Calcium	43-1	773	597	597	656	15.56	cps
Calcium	44-1	27058	26140	25586	26261	2.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1433	1403	1467	1435	2.21	cps
Cobalt	59-2	317	280	270	289	8.50	cps
Copper	63-2	3150	3134	3214	3166	1.33	cps
Dysprosium	156-1	397	367	357	373	5.58	cps
Dysprosium	156-2	80	93	103	92	12.69	cps
Erbium	164-1	83	80	70	78	8.92	cps
Erbium	164-2	20	50	67	46	51.91	cps
Gadolinium	160-1	23	43	70	46	51.40	cps
Gadolinium	160-2	277	253	330	287	13.71	cps
Holmium	165-1	10461336	11320982	11140188	10974169	4.13	cps
Holmium	165-2	7753055	7671999	7615020	7680025	0.90	cps
Indium	115-1	8484968	9183082	9142010	8936687	4.38	cps
Indium	115-2	3165248	3156783	3148430	3156820	0.27	cps
Iron	56-2	44686	44362	43780	44276	1.04	cps
Iron	57-2	2364	2404	2577	2448	4.63	cps
Iron	54-2	3921	4207	3881	4003	4.45	cps
Krypton	83-1	287	243	307	279	11.61	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2150	2010	1763	1975	9.92	cps
Lead	207-1	2124	1617	1477	1739	19.57	cps
Lead	208-1	9068	7654	7244	7989	11.98	cps
Lithium	6-1	1479435	1561726	1565358	1535506	3.16	cps
Magnesium	24-2	3384	3350	3230	3321	2.43	cps
Manganese	55-2	1350	1300	1310	1320	2.00	cps
Molybdenum	94-1	4264	2864	2824	3317	24.73	cps
Molybdenum	95-1	2294	1877	1730	1967	14.86	cps
Molybdenum	96-1	2877	2270	2374	2507	12.95	cps
Molybdenum	97-1	1400	1237	1103	1247	11.92	cps
Molybdenum	98-1	3590	2784	2777	3050	15.34	cps
Neodymium	150-1	10	20	20	17	34.64	cps
Neodymium	150-2	10	17	7	11	45.82	cps
Nickel	60-2	290	297	250	279	9.05	cps
Phosphorus	31-2	150	187	217	184	18.10	cps
Potassium	39-2	78601	77090	77054	77582	1.14	cps
Rhodium	103-1	8167057	8655475	8716707	8513079	3.54	cps
Rhodium	103-2	5518640	5474479	5497673	5496930	0.40	cps
Scandium	45-1	5296465	5681528	5716801	5564931	4.19	cps
Scandium	45-2	534341	523047	525368	527585	1.13	cps
Selenium	82-1	386	574	464	475	19.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	350	353	357	353	0.94	cps
Silicon	28-1	330647	328751	330327	329908	0.31	cps
Silver	107-1	1120	813	803	912	19.73	cps
Silver	109-1	1037	860	803	900	13.52	cps
Sodium	23-2	75175	73320	71910	73468	2.23	cps
Strontium	86-1	2337	1863	1777	1992	15.13	cps
Strontium	88-1	17657	12862	10834	13785	25.42	cps
Sulfur	34-1	260383	261410	259793	260529	0.31	cps
Terbium	159-1	10769792	11455509	11404286	11209862	3.41	cps
Terbium	159-2	7700804	7664152	7629959	7664972	0.46	cps
Thallium	203-1	930	810	720	820	12.85	cps
Thallium	205-1	2230	1910	1583	1908	16.95	cps
Tin	118-1	2837	2834	3247	2973	8.00	cps
Titanium	47-1	660	613	617	630	4.13	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P7
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:14:27	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	663	563	403	543	24.14	cps
Vanadium	51-2	73	70	77	73	4.55	cps
Yttrium	89-1	14574608	15413166	15512461	15166745	3.40	cps
Yttrium	89-2	4061513	3995229	3951784	4002842	1.38	cps
Zinc	66-2	777	837	833	816	4.13	cps
Zirconium	90-1	8633	4911	4864	6136	35.24	cps
Zirconium	91-1	2017	1187	1007	1403	38.39	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10786818	10828571	10847323	10820904	0.29	cps
Antimony	121-1	12049	12332	12452	12278	1.69	cps
Arsenic	75-2	39823	38841	38861	39175	1.43	cps
Barium	135-1	331289	338727	343096	337704	1.77	cps
Barium	137-1	577174	590409	589796	585793	1.28	cps
Beryllium	9-1	1147	1317	1237	1233	6.90	cps
Bismuth	209-1	7120430	7096726	7049066	7088741	0.51	cps
Bismuth	209-2	5482131	5584297	5462775	5509734	1.19	cps
Bromine	81-1	10521	10617	11061	10733	2.68	cps
Bromine	81-2	277	297	297	290	3.98	cps
Cadmium	108-1	253	257	273	261	4.10	cps
Cadmium	106-1	4284	4064	3997	4115	3.65	cps
Cadmium	111-1	3668	3475	3383	3509	4.14	cps
Calcium	43-1	1057735	1079919	1087316	1074990	1.43	cps
Calcium	44-1	15923730	16140925	16492376	16185677	1.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518141	513392	514223	515252	0.49	cps
Cobalt	59-2	301178	299925	302792	301298	0.48	cps
Copper	63-2	705691	698139	703151	702327	0.55	cps
Dysprosium	156-1	43805	44721	44608	44378	1.13	cps
Dysprosium	156-2	34599	35375	34345	34773	1.54	cps
Erbium	164-1	43829	45029	45480	44779	1.91	cps
Erbium	164-2	30066	29692	29538	29765	0.91	cps
Gadolinium	160-1	42608	43695	44123	43475	1.80	cps
Gadolinium	160-2	31258	31124	31335	31239	0.34	cps
Holmium	165-1	11859321	11823044	11805124	11829163	0.23	cps
Holmium	165-2	7928168	8134773	8137461	8066801	1.49	cps
Indium	115-1	9948167	9941825	10010663	9966885	0.38	cps
Indium	115-2	3343186	3361069	3278120	3327458	1.31	cps
Iron	56-2	396848367	395015327	393851154	395238283	0.38	cps
Iron	57-2	9806430	9691149	9638599	9712060	0.88	cps
Iron	54-2	21655721	21518865	21746421	21640335	0.53	cps
Krypton	83-1	420	433	367	407	8.68	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	92439	92307	94768	93171	1.49	cps
Lead	207-1	72539	74406	72027	72990	1.72	cps
Lead	208-1	341955	344039	344245	343413	0.37	cps
Lithium	6-1	1554441	1595765	1553701	1567969	1.54	cps
Magnesium	24-2	11506342	11317302	11365202	11396282	0.86	cps
Manganese	55-2	3983578	3976939	3954621	3971713	0.38	cps
Molybdenum	94-1	62472	64347	63848	63556	1.53	cps
Molybdenum	95-1	5244	5358	5428	5343	1.73	cps
Molybdenum	96-1	19073	19900	19259	19411	2.24	cps
Molybdenum	97-1	3240	3247	3357	3282	2.00	cps
Molybdenum	98-1	7822	8549	8346	8239	4.55	cps
Neodymium	150-1	74147	74602	74941	74563	0.53	cps
Neodymium	150-2	42250	40562	42039	41617	2.21	cps
Nickel	60-2	164384	164478	164855	164572	0.15	cps
Phosphorus	31-2	22971	22874	23017	22954	0.32	cps
Potassium	39-2	1348124	1362628	1366568	1359107	0.71	cps
Rhodium	103-1	9316816	9370381	9599185	9428794	1.59	cps
Rhodium	103-2	5721003	5890488	5804798	5805430	1.46	cps
Scandium	45-1	6753739	6838650	6946824	6846404	1.41	cps
Scandium	45-2	632907	636949	630955	633604	0.48	cps
Selenium	82-1	596	636	727	653	10.30	cps
Selenium	77-2	167	187	210	188	11.55	cps
Selenium	78-2	530	580	507	539	6.95	cps
Silicon	28-1	29600825	30220685	30191089	30004200	1.17	cps
Silver	107-1	3080	2617	2480	2726	11.54	cps
Silver	109-1	2667	2167	2037	2290	14.53	cps
Sodium	23-2	674268	677730	683158	678386	0.66	cps
Strontium	86-1	313630	320205	321269	318368	1.30	cps
Strontium	88-1	2691817	2721324	2772354	2728498	1.49	cps
Sulfur	34-1	275142	275258	272895	274432	0.49	cps
Terbium	159-1	12117868	12253644	12017036	12129516	0.98	cps
Terbium	159-2	7906751	7942934	7959721	7936468	0.34	cps
Thallium	203-1	2034	2014	2054	2034	0.98	cps
Thallium	205-1	5181	5231	4864	5092	3.91	cps
Tin	118-1	26584	28572	28558	27905	4.10	cps
Titanium	47-1	2066644	2132808	2122296	2107249	1.69	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-22	Instrumnet Name :	P7
Client Sample ID :	MYDAD2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:17:49	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38990	38753	38947	38897	0.32	cps
Vanadium	51-2	958133	952812	953479	954808	0.30	cps
Yttrium	89-1	17895471	18149359	18373560	18139463	1.32	cps
Yttrium	89-2	4480523	4550084	4428292	4486299	1.36	cps
Zinc	66-2	116036	116873	117065	116658	0.47	cps
Zirconium	90-1	162854	168355	169445	166885	2.12	cps
Zirconium	91-1	36462	37023	38123	37203	2.27	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543	510	553	536	4.24	cps
Antimony	121-1	280	290	303	291	4.02	cps
Arsenic	75-2	17	0	17	11	86.60	cps
Barium	135-1	113	183	130	142	25.71	cps
Barium	137-1	240	223	263	242	8.30	cps
Beryllium	9-1	33	40	23	32	26.04	cps
Bismuth	209-1	7230401	7157122	7138454	7175325	0.68	cps
Bismuth	209-2	5584671	5684423	5576513	5615202	1.07	cps
Bromine	81-1	10764	10090	10460	10438	3.23	cps
Bromine	81-2	173	117	160	150	19.75	cps
Cadmium	108-1	3	3	10	6	69.34	cps
Cadmium	106-1	3144	3407	2954	3168	7.19	cps
Cadmium	111-1	2222	2406	2074	2234	7.45	cps
Calcium	43-1	497	433	433	454	8.05	cps
Calcium	44-1	24164	23353	24107	23875	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1113	1230	1200	1181	5.13	cps
Cobalt	59-2	207	150	237	198	22.25	cps
Copper	63-2	2417	2497	2484	2466	1.74	cps
Dysprosium	156-1	383	380	330	364	8.20	cps
Dysprosium	156-2	57	87	83	76	21.76	cps
Erbium	164-1	90	60	70	73	20.83	cps
Erbium	164-2	63	57	47	56	15.09	cps
Gadolinium	160-1	47	57	40	48	17.56	cps
Gadolinium	160-2	243	307	287	279	11.61	cps
Holmium	165-1	11543314	11586987	11508409	11546237	0.34	cps
Holmium	165-2	7961166	7904702	7845111	7903659	0.73	cps
Indium	115-1	9772455	9796555	9781659	9783556	0.12	cps
Indium	115-2	3407908	3383083	3373983	3388325	0.52	cps
Iron	56-2	31653	30958	30862	31158	1.39	cps
Iron	57-2	2357	2400	2344	2367	1.25	cps
Iron	54-2	3144	3147	3030	3107	2.14	cps
Krypton	83-1	287	357	323	322	10.87	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1087	1000	957	1014	6.53	cps
Lead	207-1	827	757	880	821	7.53	cps
Lead	208-1	4154	3974	3917	4015	3.08	cps
Lithium	6-1	1611825	1640035	1634110	1628657	0.91	cps
Magnesium	24-2	1067	980	1080	1042	5.21	cps
Manganese	55-2	1057	1073	1043	1058	1.42	cps
Molybdenum	94-1	320	390	363	358	9.87	cps
Molybdenum	95-1	183	203	190	192	5.30	cps
Molybdenum	96-1	333	313	257	301	13.21	cps
Molybdenum	97-1	100	103	90	98	7.10	cps
Molybdenum	98-1	277	300	267	281	6.09	cps
Neodymium	150-1	7	17	10	11	45.82	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	237	253	257	249	4.31	cps
Phosphorus	31-2	157	170	173	167	5.29	cps
Potassium	39-2	77616	77234	76417	77089	0.79	cps
Rhodium	103-1	9597290	9455790	9489968	9514349	0.78	cps
Rhodium	103-2	5907524	5858521	5809027	5858357	0.84	cps
Scandium	45-1	6246446	6241485	6343998	6277310	0.92	cps
Scandium	45-2	578053	573928	572160	574714	0.53	cps
Selenium	82-1	578	483	546	535	9.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	340	337	363	347	4.19	cps
Silicon	28-1	322530	323889	326976	324465	0.70	cps
Silver	107-1	173	167	173	171	2.25	cps
Silver	109-1	107	127	83	106	20.55	cps
Sodium	23-2	70139	68458	67744	68780	1.79	cps
Strontium	86-1	637	483	553	558	13.76	cps
Strontium	88-1	503	600	603	569	9.98	cps
Sulfur	34-1	248896	249725	252140	250254	0.67	cps
Terbium	159-1	12130054	11744150	11751322	11875176	1.86	cps
Terbium	159-2	7956791	7884631	7915726	7919049	0.46	cps
Thallium	203-1	243	223	213	227	6.74	cps
Thallium	205-1	537	490	450	492	8.81	cps
Tin	118-1	2110	1957	1800	1956	7.93	cps
Titanium	47-1	170	250	223	214	19.00	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BL	Instrumnet Name :	P7
Client Sample ID :	PBS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:24:30	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	23	50	30	58.79	cps
Vanadium	51-2	47	47	53	49	7.86	cps
Yttrium	89-1	16831961	16905484	16612406	16783284	0.91	cps
Yttrium	89-2	4269233	4305717	4243036	4272662	0.74	cps
Zinc	66-2	730	820	800	783	6.03	cps
Zirconium	90-1	767	760	693	740	5.48	cps
Zirconium	91-1	180	117	140	146	22.00	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12505	12068	12348	12307	1.80	cps
Antimony	121-1	42770	44114	44007	43630	1.71	cps
Arsenic	75-2	1223	1357	1400	1327	6.94	cps
Barium	135-1	53473	54735	54658	54289	1.30	cps
Barium	137-1	92549	94189	94773	93837	1.23	cps
Beryllium	9-1	3847	3814	3804	3822	0.59	cps
Bismuth	209-1	6764254	6494697	7087672	6782207	4.38	cps
Bismuth	209-2	5578594	5492474	5424065	5498378	1.41	cps
Bromine	81-1	10641	10260	10857	10586	2.86	cps
Bromine	81-2	127	100	120	116	12.01	cps
Cadmium	108-1	533	507	513	518	2.68	cps
Cadmium	106-1	3854	3664	3777	3765	2.54	cps
Cadmium	111-1	8753	9168	9200	9040	2.76	cps
Calcium	43-1	34469	35201	35542	35071	1.56	cps
Calcium	44-1	589457	595844	598620	594641	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26049	26400	25578	26009	1.58	cps
Cobalt	59-2	17333	17230	17343	17302	0.36	cps
Copper	63-2	28524	28400	28941	28622	0.99	cps
Dysprosium	156-1	403	290	377	357	16.61	cps
Dysprosium	156-2	80	83	53	72	22.77	cps
Erbium	164-1	67	73	120	87	33.53	cps
Erbium	164-2	43	37	57	46	22.36	cps
Gadolinium	160-1	60	47	47	51	15.06	cps
Gadolinium	160-2	283	253	330	289	13.37	cps
Holmium	165-1	11157669	10466864	11610797	11078443	5.20	cps
Holmium	165-2	7910573	7869378	7694074	7824675	1.47	cps
Indium	115-1	9421493	8883602	9717908	9341001	4.53	cps
Indium	115-2	3302847	3271455	3273132	3282478	0.54	cps
Iron	56-2	1963473	1911230	1919909	1931537	1.45	cps
Iron	57-2	52428	52605	52033	52355	0.56	cps
Iron	54-2	114820	114964	113806	114530	0.55	cps
Krypton	83-1	290	313	317	307	4.74	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16263	15989	16570	16274	1.79	cps
Lead	207-1	14298	14017	14178	14164	0.99	cps
Lead	208-1	65001	64688	64536	64742	0.37	cps
Lithium	6-1	1579951	1488378	1631196	1566508	4.62	cps
Magnesium	24-2	549688	545392	549054	548044	0.42	cps
Manganese	55-2	9213	9366	9470	9350	1.38	cps
Molybdenum	94-1	49657	50012	50426	50032	0.77	cps
Molybdenum	95-1	58941	60939	60163	60015	1.68	cps
Molybdenum	96-1	65931	67441	66879	66750	1.14	cps
Molybdenum	97-1	36472	37615	37478	37188	1.68	cps
Molybdenum	98-1	94147	96600	96123	95624	1.36	cps
Neodymium	150-1	10	7	17	11	45.82	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	5171	5108	5038	5105	1.31	cps
Phosphorus	31-2	160	153	223	179	21.60	cps
Potassium	39-2	732985	732195	730392	731857	0.18	cps
Rhodium	103-1	8945599	8454725	9288762	8896362	4.71	cps
Rhodium	103-2	5638402	5725495	5648209	5670702	0.84	cps
Scandium	45-1	5996520	5712176	6133760	5947485	3.62	cps
Scandium	45-2	557772	558485	560766	559008	0.28	cps
Selenium	82-1	2470	2438	2510	2472	1.46	cps
Selenium	77-2	253	210	180	214	17.19	cps
Selenium	78-2	897	1077	1037	1003	9.42	cps
Silicon	28-1	467643	472381	479485	473169	1.26	cps
Silver	107-1	27626	28588	28999	28405	2.48	cps
Silver	109-1	25656	26731	26594	26327	2.22	cps
Sodium	23-2	933426	936582	934097	934702	0.18	cps
Strontium	86-1	7986	8786	8849	8540	5.64	cps
Strontium	88-1	68090	70719	69115	69308	1.91	cps
Sulfur	34-1	266434	265689	266903	266342	0.23	cps
Terbium	159-1	11519182	10921285	11855159	11431876	4.14	cps
Terbium	159-2	7865141	7825803	7718060	7803001	0.98	cps
Thallium	203-1	18549	18383	19090	18674	1.98	cps
Thallium	205-1	43496	44810	45325	44544	2.12	cps
Tin	118-1	2360	2290	2404	2351	2.43	cps
Titanium	47-1	16946	17550	17560	17352	2.03	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BS	Instrumnet Name :	P7
Client Sample ID :	LCS141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:27:53	DataFile Name :	052LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	55478	56794	57192	56488	1.59	cps
Vanadium	51-2	50066	48207	49183	49152	1.89	cps
Yttrium	89-1	15966798	15112851	16456690	15845446	4.29	cps
Yttrium	89-2	4085607	4145729	4112913	4114750	0.73	cps
Zinc	66-2	10587	10884	10357	10609	2.49	cps
Zirconium	90-1	42936	44002	44714	43884	2.04	cps
Zirconium	91-1	9453	9940	10023	9806	3.14	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6658	6675	6381	6571	2.51	cps
Antimony	121-1	21593	22768	22371	22244	2.69	cps
Arsenic	75-2	690	697	710	699	1.46	cps
Barium	135-1	27159	28068	27627	27618	1.64	cps
Barium	137-1	46961	48332	47345	47546	1.49	cps
Beryllium	9-1	2047	2007	2067	2040	1.50	cps
Bismuth	209-1	6844609	6922425	6919823	6895619	0.64	cps
Bismuth	209-2	5548001	5478010	5433826	5486612	1.05	cps
Bromine	81-1	10003	10017	10057	10026	0.28	cps
Bromine	81-2	140	107	117	121	14.12	cps
Cadmium	108-1	320	317	230	289	17.66	cps
Cadmium	106-1	3614	3691	3554	3619	1.89	cps
Cadmium	111-1	5826	6149	5964	5980	2.71	cps
Calcium	43-1	18278	18261	18935	18491	2.08	cps
Calcium	44-1	310808	317112	316852	314924	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13917	13583	14013	13838	1.63	cps
Cobalt	59-2	9136	8616	9236	8996	3.70	cps
Copper	63-2	15228	15358	15248	15278	0.46	cps
Dysprosium	156-1	383	380	367	377	2.34	cps
Dysprosium	156-2	80	67	90	79	14.84	cps
Erbium	164-1	100	80	83	88	12.21	cps
Erbium	164-2	50	53	63	56	12.49	cps
Gadolinium	160-1	50	70	47	56	22.71	cps
Gadolinium	160-2	257	277	270	268	3.80	cps
Holmium	165-1	10826678	11263488	11256758	11115641	2.25	cps
Holmium	165-2	7904759	7812284	7748804	7821949	1.00	cps
Indium	115-1	9389468	9606759	9429030	9475086	1.22	cps
Indium	115-2	3310927	3274157	3269979	3285021	0.69	cps
Iron	56-2	1043608	1046570	1047117	1045765	0.18	cps
Iron	57-2	27579	27415	27876	27623	0.85	cps
Iron	54-2	59263	59975	59781	59673	0.62	cps
Krypton	83-1	243	333	297	291	15.55	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8733	8393	8720	8615	2.24	cps
Lead	207-1	7502	7989	7499	7663	3.68	cps
Lead	208-1	34507	34627	34214	34449	0.62	cps
Lithium	6-1	1640324	1639971	1612007	1630767	1.00	cps
Magnesium	24-2	279606	276718	278692	278339	0.53	cps
Manganese	55-2	5264	5171	5091	5175	1.68	cps
Molybdenum	94-1	25923	25836	25783	25847	0.27	cps
Molybdenum	95-1	30923	31140	30953	31005	0.38	cps
Molybdenum	96-1	33412	34888	34070	34123	2.17	cps
Molybdenum	97-1	19433	19243	18936	19204	1.31	cps
Molybdenum	98-1	47610	49055	48781	48482	1.58	cps
Neodymium	150-1	17	13	7	12	41.65	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	2914	2784	2977	2891	3.41	cps
Phosphorus	31-2	180	207	200	196	7.10	cps
Potassium	39-2	408141	406342	410190	408224	0.47	cps
Rhodium	103-1	9016481	9166385	9231231	9138032	1.21	cps
Rhodium	103-2	5679790	5709985	5714617	5701464	0.33	cps
Scandium	45-1	5968534	6097141	6109936	6058537	1.29	cps
Scandium	45-2	563277	558679	561503	561153	0.41	cps
Selenium	82-1	1589	1463	1503	1518	4.23	cps
Selenium	77-2	97	110	70	92	22.08	cps
Selenium	78-2	737	673	653	688	6.33	cps
Silicon	28-1	399969	409951	410972	406964	1.49	cps
Silver	107-1	14147	14604	14928	14560	2.69	cps
Silver	109-1	13370	13727	13727	13608	1.51	cps
Sodium	23-2	493851	495559	495729	495046	0.21	cps
Strontium	86-1	5296	4384	4517	4732	10.40	cps
Strontium	88-1	43243	35707	36405	38451	10.83	cps
Sulfur	34-1	273081	273918	275394	274131	0.43	cps
Terbium	159-1	11488426	11505494	11647617	11547179	0.76	cps
Terbium	159-2	7630823	7671062	7773377	7691754	0.96	cps
Thallium	203-1	9700	9330	9423	9484	2.03	cps
Thallium	205-1	22519	22629	22375	22508	0.57	cps
Tin	118-1	2237	2250	2247	2245	0.31	cps
Titanium	47-1	8719	8529	9230	8826	4.10	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164141BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD141	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:31:13	DataFile Name :	053LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28347	28828	29433	28869	1.88	cps
Vanadium	51-2	24944	25124	24824	24964	0.61	cps
Yttrium	89-1	15986426	16338468	16243736	16189543	1.13	cps
Yttrium	89-2	4093334	4160368	4141376	4131693	0.84	cps
Zinc	66-2	5881	6251	6138	6090	3.11	cps
Zirconium	90-1	22871	23132	22648	22883	1.06	cps
Zirconium	91-1	4934	5164	5031	5043	2.29	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11739342	11578881	11624366	11647530	0.71	cps
Antimony	121-1	10130	10437	10577	10382	2.20	cps
Arsenic	75-2	52288	51141	50706	51378	1.59	cps
Barium	135-1	382803	384829	387300	384978	0.59	cps
Barium	137-1	653641	665486	670348	663158	1.30	cps
Beryllium	9-1	1203	1177	1220	1200	1.82	cps
Bismuth	209-1	6743483	6632410	6681505	6685799	0.83	cps
Bismuth	209-2	5219816	5221939	5237027	5226261	0.18	cps
Bromine	81-1	10911	10864	11164	10980	1.47	cps
Bromine	81-2	367	323	387	359	9.02	cps
Cadmium	108-1	227	273	210	237	13.87	cps
Cadmium	106-1	3927	3747	3640	3772	3.84	cps
Cadmium	111-1	3677	3348	3408	3478	5.04	cps
Calcium	43-1	1272981	1297926	1315689	1295532	1.66	cps
Calcium	44-1	20931010	21174776	21518041	21207942	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	641102	636591	636852	638182	0.40	cps
Cobalt	59-2	401874	395747	392047	396556	1.25	cps
Copper	63-2	794759	795015	796436	795403	0.11	cps
Dysprosium	156-1	45677	47527	47731	46978	2.41	cps
Dysprosium	156-2	38322	38660	38118	38367	0.71	cps
Erbium	164-1	44267	44919	44969	44718	0.88	cps
Erbium	164-2	30142	29384	30072	29866	1.40	cps
Gadolinium	160-1	44470	45323	45306	45033	1.08	cps
Gadolinium	160-2	32040	32742	33002	32595	1.53	cps
Holmium	165-1	11339892	11286974	11302624	11309830	0.24	cps
Holmium	165-2	7633492	7721239	7688889	7681207	0.58	cps
Indium	115-1	9414395	9392460	9465898	9424251	0.40	cps
Indium	115-2	3191845	3191500	3196193	3193179	0.08	cps
Iron	56-2	400992074	397315701	393349741	397219172	0.96	cps
Iron	57-2	9853628	9783276	9706683	9781196	0.75	cps
Iron	54-2	21984534	21730826	21629021	21781461	0.84	cps
Krypton	83-1	363	373	377	371	1.87	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	113503	115291	111856	113550	1.51	cps
Lead	207-1	92080	91129	91888	91699	0.55	cps
Lead	208-1	421837	426619	426049	424835	0.61	cps
Lithium	6-1	1604143	1616239	1614300	1611561	0.40	cps
Magnesium	24-2	12389677	12451059	12470397	12437045	0.34	cps
Manganese	55-2	5118120	5103154	5018448	5079907	1.06	cps
Molybdenum	94-1	55833	57094	57455	56794	1.50	cps
Molybdenum	95-1	4781	4911	5291	4994	5.31	cps
Molybdenum	96-1	17901	18141	18378	18140	1.32	cps
Molybdenum	97-1	3074	3197	3144	3138	1.97	cps
Molybdenum	98-1	7595	7946	8079	7873	3.17	cps
Neodymium	150-1	80263	81739	81366	81123	0.95	cps
Neodymium	150-2	46670	46663	47309	46881	0.79	cps
Nickel	60-2	190940	192366	193012	192106	0.55	cps
Phosphorus	31-2	24042	23996	23335	23791	1.66	cps
Potassium	39-2	1345873	1364892	1353324	1354696	0.71	cps
Rhodium	103-1	8968758	8902719	9029078	8966852	0.70	cps
Rhodium	103-2	5538044	5474742	5529745	5514177	0.62	cps
Scandium	45-1	6417725	6526628	6564326	6502893	1.17	cps
Scandium	45-2	600274	600625	600489	600463	0.03	cps
Selenium	82-1	673	704	664	680	3.13	cps
Selenium	77-2	240	187	213	213	12.50	cps
Selenium	78-2	527	507	470	501	5.74	cps
Silicon	28-1	36578212	36721234	36582554	36627333	0.22	cps
Silver	107-1	2397	1963	1790	2050	15.24	cps
Silver	109-1	2190	1723	1447	1787	21.03	cps
Sodium	23-2	601693	602283	601496	601824	0.07	cps
Strontium	86-1	329750	331330	336242	332440	1.02	cps
Strontium	88-1	2848361	2887313	2864432	2866702	0.68	cps
Sulfur	34-1	293465	290864	289933	291421	0.63	cps
Terbium	159-1	11689753	11469424	11744619	11634599	1.25	cps
Terbium	159-2	7857029	7630653	7775068	7754250	1.48	cps
Thallium	203-1	1727	1617	1610	1651	3.97	cps
Thallium	205-1	4061	3971	3831	3954	2.93	cps
Tin	118-1	17457	18310	17638	17802	2.52	cps
Titanium	47-1	1849965	1885449	1866294	1867236	0.95	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-01	Instrumnet Name :	P7
Client Sample ID :	MYDAD3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:34:36	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40863	40859	40348	40690	0.73	cps
Vanadium	51-2	930486	927720	931072	929759	0.19	cps
Yttrium	89-1	17123621	17249880	17266149	17213216	0.45	cps
Yttrium	89-2	4308325	4314830	4383657	4335604	0.96	cps
Zinc	66-2	134970	134496	134533	134666	0.20	cps
Zirconium	90-1	145563	150196	151219	148992	2.02	cps
Zirconium	91-1	32927	33137	33735	33267	1.26	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10659748	10550423	10521049	10577073	0.69	cps
Antimony	121-1	17057	16887	17230	17058	1.01	cps
Arsenic	75-2	54751	53851	54670	54424	0.92	cps
Barium	135-1	754140	773088	778877	768702	1.68	cps
Barium	137-1	1307872	1356380	1345352	1336535	1.90	cps
Beryllium	9-1	2957	3110	3097	3055	2.78	cps
Bismuth	209-1	6791184	6732182	6933476	6818948	1.52	cps
Bismuth	209-2	5344230	5315780	5462193	5374068	1.44	cps
Bromine	81-1	13079	13076	13093	13083	0.07	cps
Bromine	81-2	900	957	967	941	3.82	cps
Cadmium	108-1	287	280	320	296	7.25	cps
Cadmium	106-1	3984	3751	3664	3799	4.36	cps
Cadmium	111-1	5248	5340	4954	5181	3.89	cps
Calcium	43-1	440589	446059	449527	445392	1.01	cps
Calcium	44-1	6593268	6710288	6711342	6671633	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254534	254283	249935	252917	1.02	cps
Cobalt	59-2	283849	287878	284507	285411	0.76	cps
Copper	63-2	562920	565528	562912	563787	0.27	cps
Dysprosium	156-1	82873	84911	84304	84029	1.25	cps
Dysprosium	156-2	70536	70784	70801	70707	0.21	cps
Erbium	164-1	68165	68617	69485	68756	0.98	cps
Erbium	164-2	46832	46343	46818	46664	0.60	cps
Gadolinium	160-1	78629	79377	79139	79048	0.48	cps
Gadolinium	160-2	57544	58077	57815	57812	0.46	cps
Holmium	165-1	11154848	11424456	11323917	11301074	1.21	cps
Holmium	165-2	7862496	7882074	7795337	7846636	0.58	cps
Indium	115-1	9153141	9234849	9281933	9223308	0.71	cps
Indium	115-2	3228319	3199118	3253550	3226996	0.84	cps
Iron	56-2	391874021	394077287	392495661	392815656	0.29	cps
Iron	57-2	9597428	9667719	9599329	9621492	0.42	cps
Iron	54-2	21739422	21640447	21697921	21692597	0.23	cps
Krypton	83-1	443	450	427	440	2.73	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	478426	484524	488596	483849	1.06	cps
Lead	207-1	433651	446340	446820	442270	1.69	cps
Lead	208-1	1941351	1982620	1997696	1973889	1.48	cps
Lithium	6-1	1577615	1582736	1547530	1569294	1.21	cps
Magnesium	24-2	6163998	6131478	6080636	6125371	0.69	cps
Manganese	55-2	6095879	6112440	6093635	6100652	0.17	cps
Molybdenum	94-1	53547	55749	55752	55016	2.31	cps
Molybdenum	95-1	6281	6448	6315	6348	1.39	cps
Molybdenum	96-1	18629	19366	18929	18975	1.95	cps
Molybdenum	97-1	3724	3864	3861	3816	2.09	cps
Molybdenum	98-1	9310	9730	9813	9618	2.81	cps
Neodymium	150-1	157543	161147	161561	160083	1.38	cps
Neodymium	150-2	91662	92678	93953	92765	1.24	cps
Nickel	60-2	81671	80685	82170	81509	0.93	cps
Phosphorus	31-2	34265	34325	33757	34116	0.91	cps
Potassium	39-2	5601160	5691401	5592914	5628492	0.97	cps
Rhodium	103-1	8809397	8902719	8898894	8870337	0.60	cps
Rhodium	103-2	5546781	5472707	5552132	5523873	0.80	cps
Scandium	45-1	6206590	6360072	6278594	6281752	1.22	cps
Scandium	45-2	582668	584225	582627	583173	0.16	cps
Selenium	82-1	762	713	749	741	3.40	cps
Selenium	77-2	287	347	313	316	9.53	cps
Selenium	78-2	600	657	660	639	5.28	cps
Silicon	28-1	33852575	34256907	34608844	34239442	1.11	cps
Silver	107-1	5481	6041	5661	5728	4.99	cps
Silver	109-1	5211	5144	5308	5221	1.57	cps
Sodium	23-2	183643	186562	186930	185712	0.97	cps
Strontium	86-1	289832	297331	298387	295183	1.58	cps
Strontium	88-1	2505078	2548710	2559680	2537823	1.14	cps
Sulfur	34-1	254547	246798	240751	247365	2.80	cps
Terbium	159-1	11574461	11640669	11585859	11600330	0.31	cps
Terbium	159-2	7795384	7767988	7847960	7803777	0.52	cps
Thallium	203-1	3237	3454	3394	3362	3.33	cps
Thallium	205-1	7782	7926	8056	7921	1.73	cps
Tin	118-1	19734	19934	19724	19797	0.60	cps
Titanium	47-1	2278951	2304949	2346065	2309988	1.46	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-02	Instrumnet Name :	P7
Client Sample ID :	MYDAD4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:37:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27699	28133	29239	28357	2.80	cps
Vanadium	51-2	768202	768796	765871	767623	0.20	cps
Yttrium	89-1	17098532	17296324	17048371	17147742	0.76	cps
Yttrium	89-2	4354932	4331588	4382825	4356449	0.59	cps
Zinc	66-2	256633	258037	256369	257013	0.35	cps
Zirconium	90-1	138011	143695	143355	141687	2.25	cps
Zirconium	91-1	31384	31828	32362	31858	1.54	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14446859	14402301	14412120	14420427	0.16	cps
Antimony	121-1	11872	11915	12082	11956	0.93	cps
Arsenic	75-2	38948	38349	38690	38662	0.78	cps
Barium	135-1	1239170	1255451	1266407	1253676	1.09	cps
Barium	137-1	2179949	2243262	2267896	2230369	2.03	cps
Beryllium	9-1	3594	3477	3440	3504	2.29	cps
Bismuth	209-1	6865129	6870437	6775783	6837116	0.78	cps
Bismuth	209-2	5347456	5361733	5315926	5341705	0.44	cps
Bromine	81-1	12085	12699	12545	12443	2.57	cps
Bromine	81-2	873	890	907	890	1.87	cps
Cadmium	108-1	317	293	257	289	10.47	cps
Cadmium	106-1	4224	3831	3631	3895	7.75	cps
Cadmium	111-1	4089	3889	3725	3901	4.67	cps
Calcium	43-1	593592	612550	609890	605344	1.70	cps
Calcium	44-1	8861491	9174687	9027140	9021106	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313906	317113	315556	315525	0.51	cps
Cobalt	59-2	361383	359320	360273	360325	0.29	cps
Copper	63-2	559980	556736	557862	558192	0.30	cps
Dysprosium	156-1	107917	108350	108965	108411	0.49	cps
Dysprosium	156-2	88365	88966	89164	88832	0.47	cps
Erbium	164-1	92219	94151	94483	93618	1.31	cps
Erbium	164-2	64836	63437	64130	64134	1.09	cps
Gadolinium	160-1	104560	105947	107650	106052	1.46	cps
Gadolinium	160-2	76364	78066	76910	77113	1.13	cps
Holmium	165-1	11270999	11367877	11455128	11364668	0.81	cps
Holmium	165-2	7891300	7827401	7923650	7880784	0.62	cps
Indium	115-1	9196739	9345355	9436588	9326227	1.30	cps
Indium	115-2	3218327	3209607	3189640	3205858	0.46	cps
Iron	56-2	470428020	475436526	469642326	471835624	0.67	cps
Iron	57-2	11797182	11698968	11568214	11688121	0.98	cps
Iron	54-2	25949100	26134899	25832770	25972256	0.59	cps
Krypton	83-1	453	453	467	458	1.68	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	292280	300237	297433	296650	1.36	cps
Lead	207-1	251765	258926	257940	256210	1.51	cps
Lead	208-1	1150310	1177189	1172189	1166563	1.23	cps
Lithium	6-1	1519470	1540737	1577079	1545762	1.88	cps
Magnesium	24-2	8739726	8718384	8756161	8738090	0.22	cps
Manganese	55-2	7606001	7614931	7573004	7597979	0.29	cps
Molybdenum	94-1	90115	92201	93097	91804	1.67	cps
Molybdenum	95-1	7158	7499	7332	7330	2.32	cps
Molybdenum	96-1	26594	26995	26604	26731	0.85	cps
Molybdenum	97-1	4307	4524	4534	4455	2.88	cps
Molybdenum	98-1	11301	11401	11688	11463	1.75	cps
Neodymium	150-1	188587	192193	193533	191438	1.34	cps
Neodymium	150-2	110693	110408	112599	111233	1.07	cps
Nickel	60-2	103474	103451	103242	103389	0.12	cps
Phosphorus	31-2	37162	36510	36300	36657	1.23	cps
Potassium	39-2	5395291	5382981	5346162	5374811	0.48	cps
Rhodium	103-1	8907789	8866208	8867629	8880542	0.27	cps
Rhodium	103-2	5617558	5447372	5511586	5525505	1.56	cps
Scandium	45-1	6339345	6415609	6380868	6378607	0.60	cps
Scandium	45-2	594293	593478	596544	594772	0.27	cps
Selenium	82-1	647	710	698	685	4.88	cps
Selenium	77-2	493	463	487	481	3.27	cps
Selenium	78-2	590	693	657	647	8.10	cps
Silicon	28-1	38204482	38886072	39168334	38752963	1.28	cps
Silver	107-1	2297	2447	2420	2388	3.35	cps
Silver	109-1	2267	2214	2264	2248	1.33	cps
Sodium	23-2	279758	279515	282047	280440	0.50	cps
Strontium	86-1	393591	404360	404892	400948	1.59	cps
Strontium	88-1	3398128	3483765	3540867	3474253	2.07	cps
Sulfur	34-1	220863	221177	219882	220641	0.31	cps
Terbium	159-1	11630173	11813887	11912466	11785509	1.22	cps
Terbium	159-2	7873027	7841500	7758412	7824313	0.76	cps
Thallium	203-1	3694	3747	3761	3734	0.94	cps
Thallium	205-1	8753	8970	9016	8913	1.58	cps
Tin	118-1	21202	21289	21373	21288	0.40	cps
Titanium	47-1	2618459	2678432	2684269	2660387	1.37	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-03	Instrumnet Name :	P7
Client Sample ID :	MYDAD5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:40:58	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41488	41063	42438	41663	1.69	cps
Vanadium	51-2	904606	898242	899099	900649	0.38	cps
Yttrium	89-1	17446514	17625347	17965847	17679236	1.49	cps
Yttrium	89-2	4532999	4458548	4472747	4488098	0.88	cps
Zinc	66-2	197826	197019	197559	197468	0.21	cps
Zirconium	90-1	238027	243740	246664	242811	1.81	cps
Zirconium	91-1	52955	54862	53888	53902	1.77	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7466027	7410180	7297641	7391283	1.16	cps
Antimony	121-1	23232	23776	23529	23513	1.16	cps
Arsenic	75-2	80661	81552	80902	81038	0.57	cps
Barium	135-1	592706	608707	611771	604395	1.69	cps
Barium	137-1	1031207	1059168	1052381	1047585	1.39	cps
Beryllium	9-1	2127	2507	2264	2299	8.37	cps
Bismuth	209-1	6996412	6999658	7047567	7014546	0.41	cps
Bismuth	209-2	5426771	5572059	5403648	5467493	1.67	cps
Bromine	81-1	11471	11635	11435	11513	0.93	cps
Bromine	81-2	620	590	650	620	4.84	cps
Cadmium	108-1	490	510	413	471	10.83	cps
Cadmium	106-1	4124	4037	4147	4103	1.41	cps
Cadmium	111-1	7221	7367	7491	7360	1.84	cps
Calcium	43-1	294514	301974	302333	299607	1.47	cps
Calcium	44-1	4402028	4543416	4507147	4484197	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	220728	220147	219133	220003	0.37	cps
Cobalt	59-2	276593	276437	275570	276200	0.20	cps
Copper	63-2	576174	572721	569257	572718	0.60	cps
Dysprosium	156-1	63998	65345	66721	65355	2.08	cps
Dysprosium	156-2	52913	53615	53893	53473	0.94	cps
Erbium	164-1	55647	56406	57086	56380	1.28	cps
Erbium	164-2	38978	38396	38770	38715	0.76	cps
Gadolinium	160-1	61859	63202	64032	63031	1.74	cps
Gadolinium	160-2	46667	45698	45761	46042	1.18	cps
Holmium	165-1	11377789	11554332	11571107	11501076	0.93	cps
Holmium	165-2	7966447	7965513	7875059	7935673	0.66	cps
Indium	115-1	9424781	9355656	9648543	9476327	1.62	cps
Indium	115-2	3246754	3263239	3200259	3236751	1.01	cps
Iron	56-2	341434768	342048702	338182788	340555419	0.61	cps
Iron	57-2	8429207	8413704	8349209	8397374	0.51	cps
Iron	54-2	18850488	18722426	18750768	18774561	0.36	cps
Krypton	83-1	373	400	393	389	3.57	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	700316	714439	720181	711645	1.44	cps
Lead	207-1	648961	673076	671163	664400	2.02	cps
Lead	208-1	2869245	2957114	2959620	2928660	1.76	cps
Lithium	6-1	1558448	1559176	1573951	1563858	0.56	cps
Magnesium	24-2	4292039	4328826	4287458	4302774	0.53	cps
Manganese	55-2	6286200	6304881	6248885	6279989	0.45	cps
Molybdenum	94-1	50022	51410	51440	50957	1.59	cps
Molybdenum	95-1	6281	6782	6788	6617	4.39	cps
Molybdenum	96-1	18348	18298	18695	18447	1.17	cps
Molybdenum	97-1	4044	4147	4084	4092	1.27	cps
Molybdenum	98-1	10457	10774	10230	10487	2.60	cps
Neodymium	150-1	115304	116850	116983	116379	0.80	cps
Neodymium	150-2	67380	67089	67544	67338	0.34	cps
Nickel	60-2	64665	64407	63798	64290	0.69	cps
Phosphorus	31-2	28052	28887	27959	28300	1.81	cps
Potassium	39-2	3755905	3784599	3724106	3754870	0.81	cps
Rhodium	103-1	8953389	9038359	9090117	9027288	0.76	cps
Rhodium	103-2	5628260	5611365	5601785	5613803	0.24	cps
Scandium	45-1	6258232	6283583	6255947	6265921	0.24	cps
Scandium	45-2	579224	582217	574320	578587	0.69	cps
Selenium	82-1	760	751	802	771	3.53	cps
Selenium	77-2	283	290	290	288	1.34	cps
Selenium	78-2	583	577	613	591	3.30	cps
Silicon	28-1	35790444	37182334	37455121	36809300	2.43	cps
Silver	107-1	7282	7455	7275	7337	1.39	cps
Silver	109-1	6505	6725	6815	6682	2.39	cps
Sodium	23-2	188651	187813	186619	187694	0.54	cps
Strontium	86-1	211957	217708	219224	216296	1.77	cps
Strontium	88-1	1821681	1874184	1876504	1857456	1.67	cps
Sulfur	34-1	225631	225151	223498	224760	0.50	cps
Terbium	159-1	11893764	11996569	12033278	11974537	0.60	cps
Terbium	159-2	7975681	7892687	7903127	7923831	0.57	cps
Thallium	203-1	2700	2617	2744	2687	2.40	cps
Thallium	205-1	6145	6355	6575	6358	3.38	cps
Tin	118-1	22060	22474	23269	22601	2.72	cps
Titanium	47-1	2541994	2566561	2585731	2564762	0.85	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-04	Instrumnet Name :	P7
Client Sample ID :	MYDAD6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:44:09	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27138	28414	28207	27919	2.45	cps
Vanadium	51-2	702824	695834	690293	696317	0.90	cps
Yttrium	89-1	17093152	16986260	17236610	17105341	0.73	cps
Yttrium	89-2	4325687	4334914	4338582	4333061	0.15	cps
Zinc	66-2	378028	375424	372480	375311	0.74	cps
Zirconium	90-1	129036	131028	132373	130812	1.28	cps
Zirconium	91-1	28408	29363	29753	29175	2.37	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11686205	11759034	11824959	11756732	0.59	cps
Antimony	121-1	10330	10591	10968	10630	3.01	cps
Arsenic	75-2	36298	37090	37384	36924	1.52	cps
Barium	135-1	919147	932473	945732	932451	1.43	cps
Barium	137-1	1628636	1648494	1693771	1656967	2.01	cps
Beryllium	9-1	2994	2707	2947	2883	5.34	cps
Bismuth	209-1	7089753	7206259	7175270	7157094	0.84	cps
Bismuth	209-2	5461776	5467562	5490435	5473258	0.28	cps
Bromine	81-1	12185	12289	12459	12311	1.12	cps
Bromine	81-2	757	723	747	742	2.30	cps
Cadmium	108-1	260	267	283	270	4.45	cps
Cadmium	106-1	3704	3877	3811	3797	2.30	cps
Cadmium	111-1	3841	3884	3806	3844	1.02	cps
Calcium	43-1	451149	461126	468906	460394	1.93	cps
Calcium	44-1	6742964	6989120	7001858	6911314	2.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255608	255701	257062	256123	0.32	cps
Cobalt	59-2	269351	267406	267247	268001	0.44	cps
Copper	63-2	451109	451144	451453	451236	0.04	cps
Dysprosium	156-1	85850	88735	88839	87808	1.93	cps
Dysprosium	156-2	71410	71115	72446	71657	0.98	cps
Erbium	164-1	73174	76317	76287	75259	2.40	cps
Erbium	164-2	50471	51013	50451	50645	0.63	cps
Gadolinium	160-1	83691	86404	86498	85531	1.86	cps
Gadolinium	160-2	63229	62475	62927	62877	0.60	cps
Holmium	165-1	11454309	11774738	11589846	11606298	1.39	cps
Holmium	165-2	8079586	8005964	8031947	8039166	0.46	cps
Indium	115-1	9355509	9296532	9497401	9383147	1.10	cps
Indium	115-2	3248972	3256532	3222787	3242763	0.55	cps
Iron	56-2	357138395	357206488	358335488	357560124	0.19	cps
Iron	57-2	8748768	8788835	8747096	8761566	0.27	cps
Iron	54-2	19573289	19795338	19550759	19639795	0.69	cps
Krypton	83-1	423	460	447	443	4.19	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	281868	282760	286791	283806	0.92	cps
Lead	207-1	248598	252034	257283	252638	1.73	cps
Lead	208-1	1121277	1138300	1146163	1135247	1.12	cps
Lithium	6-1	1571219	1555630	1597200	1574683	1.33	cps
Magnesium	24-2	7006160	6983309	6949384	6979618	0.41	cps
Manganese	55-2	5447625	5484646	5499442	5477238	0.49	cps
Molybdenum	94-1	84884	86037	88387	86436	2.07	cps
Molybdenum	95-1	5728	5748	6035	5837	2.94	cps
Molybdenum	96-1	22741	23369	23980	23363	2.65	cps
Molybdenum	97-1	3314	3557	3510	3460	3.73	cps
Molybdenum	98-1	8616	8966	9256	8946	3.58	cps
Neodymium	150-1	157122	161655	164771	161183	2.39	cps
Neodymium	150-2	93685	93062	93947	93565	0.49	cps
Nickel	60-2	84885	84996	83628	84503	0.90	cps
Phosphorus	31-2	27772	26987	28200	27653	2.22	cps
Potassium	39-2	4336451	4254389	4384163	4325001	1.52	cps
Rhodium	103-1	8886542	9004883	8982847	8958091	0.70	cps
Rhodium	103-2	5582521	5538079	5534482	5551694	0.48	cps
Scandium	45-1	6260250	6386152	6381261	6342554	1.12	cps
Scandium	45-2	582854	579603	582440	581633	0.30	cps
Selenium	82-1	672	684	630	662	4.31	cps
Selenium	77-2	347	417	297	353	17.06	cps
Selenium	78-2	657	617	613	629	3.83	cps
Silicon	28-1	34405249	35539917	35613895	35186354	1.93	cps
Silver	107-1	2737	2800	2554	2697	4.75	cps
Silver	109-1	2387	2530	2567	2495	3.81	cps
Sodium	23-2	205168	206741	207380	206430	0.55	cps
Strontium	86-1	295781	301391	303636	300269	1.35	cps
Strontium	88-1	2568722	2620356	2642432	2610503	1.45	cps
Sulfur	34-1	216285	216444	216126	216285	0.07	cps
Terbium	159-1	11877373	12027513	12046816	11983901	0.77	cps
Terbium	159-2	7894545	8095628	7903577	7964584	1.43	cps
Thallium	203-1	2670	2574	2770	2671	3.68	cps
Thallium	205-1	6628	6328	6288	6415	2.90	cps
Tin	118-1	18218	18999	19196	18805	2.75	cps
Titanium	47-1	1980771	2035587	2047715	2021358	1.76	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-05	Instrumnet Name :	P7
Client Sample ID :	MYDAD7	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:47:22	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31420	32957	32931	32436	2.71	cps
Vanadium	51-2	644949	637322	641295	641188	0.59	cps
Yttrium	89-1	17379709	17440857	17536241	17452269	0.45	cps
Yttrium	89-2	4442050	4355128	4431601	4409593	1.08	cps
Zinc	66-2	182680	180827	180436	181314	0.66	cps
Zirconium	90-1	228903	231879	232515	231099	0.83	cps
Zirconium	91-1	50192	51734	51982	51303	1.89	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15809082	15674359	15776003	15753148	0.45	cps
Antimony	121-1	15559	15515	15819	15631	1.05	cps
Arsenic	75-2	59950	60372	59699	60007	0.57	cps
Barium	135-1	1264769	1285832	1300916	1283839	1.41	cps
Barium	137-1	2280517	2311246	2336032	2309265	1.20	cps
Beryllium	9-1	3797	3867	4001	3888	2.66	cps
Bismuth	209-1	7023550	7009523	7174292	7069122	1.29	cps
Bismuth	209-2	5586440	5558448	5526356	5557081	0.54	cps
Bromine	81-1	15088	15435	15739	15420	2.11	cps
Bromine	81-2	1277	1210	1383	1290	6.78	cps
Cadmium	108-1	393	367	360	373	4.72	cps
Cadmium	106-1	4054	3924	4124	4034	2.52	cps
Cadmium	111-1	5076	5140	5282	5166	2.04	cps
Calcium	43-1	674546	687483	695959	685996	1.57	cps
Calcium	44-1	10249668	10331769	10480074	10353837	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477357	480860	478058	478758	0.39	cps
Cobalt	59-2	353719	354614	350366	352900	0.63	cps
Copper	63-2	651446	653534	651292	652091	0.19	cps
Dysprosium	156-1	109782	111354	112039	111058	1.04	cps
Dysprosium	156-2	89164	90053	90422	89880	0.72	cps
Erbium	164-1	95514	98303	97535	97117	1.48	cps
Erbium	164-2	66303	66541	65439	66094	0.88	cps
Gadolinium	160-1	107680	110915	110945	109847	1.71	cps
Gadolinium	160-2	79105	77948	78853	78636	0.77	cps
Holmium	165-1	11582431	11721591	11847006	11717009	1.13	cps
Holmium	165-2	8037361	8096513	8109343	8081072	0.48	cps
Indium	115-1	9525900	9494869	9687165	9569311	1.08	cps
Indium	115-2	3230744	3239673	3277774	3249397	0.77	cps
Iron	56-2	486814366	481672713	478655526	482380868	0.86	cps
Iron	57-2	11897436	11974734	11921019	11931063	0.33	cps
Iron	54-2	26671446	26620225	26572837	26621503	0.19	cps
Krypton	83-1	517	453	400	457	12.79	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	431096	439886	441354	437445	1.27	cps
Lead	207-1	391096	391656	394828	392527	0.51	cps
Lead	208-1	1734654	1763530	1764736	1754307	0.97	cps
Lithium	6-1	1595711	1588747	1618360	1600939	0.97	cps
Magnesium	24-2	9782562	9661541	9688087	9710730	0.66	cps
Manganese	55-2	7837088	7845926	7740605	7807873	0.75	cps
Molybdenum	94-1	82259	85286	84072	83872	1.82	cps
Molybdenum	95-1	7175	7292	7359	7275	1.28	cps
Molybdenum	96-1	25299	25305	25629	25411	0.74	cps
Molybdenum	97-1	4584	4577	4331	4497	3.21	cps
Molybdenum	98-1	11158	11228	11505	11297	1.62	cps
Neodymium	150-1	195774	197867	200216	197952	1.12	cps
Neodymium	150-2	112487	112481	112807	112592	0.17	cps
Nickel	60-2	134792	134974	134403	134723	0.22	cps
Phosphorus	31-2	36510	36751	36754	36672	0.38	cps
Potassium	39-2	6639836	6596861	6539958	6592218	0.76	cps
Rhodium	103-1	8833170	8846908	8904403	8861494	0.43	cps
Rhodium	103-2	5546027	5523026	5643261	5570771	1.15	cps
Scandium	45-1	6442082	6468778	6513021	6474627	0.55	cps
Scandium	45-2	591208	590029	591493	590910	0.13	cps
Selenium	82-1	692	807	815	771	8.92	cps
Selenium	77-2	503	413	507	474	11.16	cps
Selenium	78-2	693	717	647	686	5.20	cps
Silicon	28-1	33834040	34127880	34056288	34006069	0.45	cps
Silver	107-1	4531	4504	4424	4486	1.24	cps
Silver	109-1	4077	4371	4134	4194	3.71	cps
Sodium	23-2	248261	250387	249527	249392	0.43	cps
Strontium	86-1	406765	414646	413984	411798	1.06	cps
Strontium	88-1	3510303	3563882	3558028	3544071	0.83	cps
Sulfur	34-1	241743	242247	244661	242883	0.64	cps
Terbium	159-1	12053050	12003892	12290053	12115665	1.26	cps
Terbium	159-2	7965691	7912046	8001462	7959733	0.57	cps
Thallium	203-1	3631	3681	3684	3665	0.82	cps
Thallium	205-1	8776	8539	8660	8658	1.37	cps
Tin	118-1	20007	19627	20388	20007	1.90	cps
Titanium	47-1	2426808	2437789	2451886	2438828	0.52	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-06	Instrumnet Name :	P7
Client Sample ID :	MYDAD8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:50:34	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38348	38539	39308	38732	1.31	cps
Vanadium	51-2	828709	829886	828400	828998	0.09	cps
Yttrium	89-1	17590298	17665728	17962961	17739662	1.11	cps
Yttrium	89-2	4481811	4473921	4443061	4466264	0.46	cps
Zinc	66-2	296907	296107	295955	296323	0.17	cps
Zirconium	90-1	215288	220484	220044	218605	1.32	cps
Zirconium	91-1	47724	55394	48340	50486	8.44	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9237403	9313132	9144541	9231692	0.91	cps
Antimony	121-1	26635	27179	26444	26753	1.43	cps
Arsenic	75-2	94991	93217	92925	93711	1.19	cps
Barium	135-1	732768	742665	748127	741187	1.05	cps
Barium	137-1	1252603	1296776	1291653	1280344	1.89	cps
Beryllium	9-1	2574	2947	2834	2785	6.87	cps
Bismuth	209-1	7190962	7049316	7201639	7147306	1.19	cps
Bismuth	209-2	5556513	5431412	5599697	5529207	1.58	cps
Bromine	81-1	11605	11541	11568	11571	0.27	cps
Bromine	81-2	547	527	693	589	15.45	cps
Cadmium	108-1	457	537	497	497	8.05	cps
Cadmium	106-1	4354	4111	4107	4191	3.38	cps
Cadmium	111-1	7512	7569	7475	7519	0.63	cps
Calcium	43-1	375796	383690	386031	381839	1.40	cps
Calcium	44-1	5678007	5738590	5851476	5756024	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	281519	281014	279744	280759	0.33	cps
Cobalt	59-2	328573	327705	327731	328003	0.15	cps
Copper	63-2	792341	800050	790385	794259	0.64	cps
Dysprosium	156-1	77435	79567	80140	79047	1.80	cps
Dysprosium	156-2	65006	63513	63864	64128	1.22	cps
Erbium	164-1	68222	70473	70631	69775	1.93	cps
Erbium	164-2	47541	46430	47464	47145	1.32	cps
Gadolinium	160-1	76920	78123	77878	77640	0.82	cps
Gadolinium	160-2	56306	55128	55269	55567	1.16	cps
Holmium	165-1	11556296	11685657	11464107	11568686	0.96	cps
Holmium	165-2	7978990	7822750	7973996	7925245	1.12	cps
Indium	115-1	9462999	9432106	9432040	9442382	0.19	cps
Indium	115-2	3233322	3255804	3209187	3232771	0.72	cps
Iron	56-2	481102273	480225340	473238433	478188682	0.90	cps
Iron	57-2	11731016	11679754	11684493	11698421	0.24	cps
Iron	54-2	26543870	26228595	26370518	26380994	0.60	cps
Krypton	83-1	373	380	407	387	4.56	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	797470	801067	819186	805908	1.44	cps
Lead	207-1	716942	729913	742081	729645	1.72	cps
Lead	208-1	3389001	3441017	3485141	3438386	1.40	cps
Lithium	6-1	1599986	1634431	1542323	1592247	2.92	cps
Magnesium	24-2	5824410	5800974	5726123	5783836	0.89	cps
Manganese	55-2	6725932	6620921	6573268	6640040	1.18	cps
Molybdenum	94-1	76813	79621	78820	78418	1.84	cps
Molybdenum	95-1	8489	8796	9033	8773	3.11	cps
Molybdenum	96-1	25703	26454	26454	26204	1.66	cps
Molybdenum	97-1	5294	5278	5428	5333	1.54	cps
Molybdenum	98-1	13536	13593	13910	13680	1.47	cps
Neodymium	150-1	139156	141640	140213	140336	0.89	cps
Neodymium	150-2	81393	81400	79918	80904	1.06	cps
Nickel	60-2	79322	79194	78507	79008	0.55	cps
Phosphorus	31-2	37486	36898	37452	37279	0.89	cps
Potassium	39-2	4891110	4840766	4841779	4857885	0.59	cps
Rhodium	103-1	8855383	8788255	8887928	8843855	0.57	cps
Rhodium	103-2	5590311	5541851	5527956	5553373	0.59	cps
Scandium	45-1	6191441	6216134	6272330	6226635	0.67	cps
Scandium	45-2	576188	570072	569351	571870	0.66	cps
Selenium	82-1	869	760	806	811	6.75	cps
Selenium	77-2	337	320	337	331	2.91	cps
Selenium	78-2	543	617	620	593	7.30	cps
Silicon	28-1	33876415	34948902	34064044	34296454	1.67	cps
Silver	107-1	6058	6198	6368	6208	2.50	cps
Silver	109-1	5728	5978	6008	5905	2.60	cps
Sodium	23-2	217801	217413	218311	217842	0.21	cps
Strontium	86-1	275678	278402	277255	277112	0.49	cps
Strontium	88-1	2355411	2443497	2412111	2403673	1.86	cps
Sulfur	34-1	227969	224254	224403	225542	0.93	cps
Terbium	159-1	11790359	11931506	11940914	11887593	0.71	cps
Terbium	159-2	8003377	7958406	7761492	7907758	1.63	cps
Thallium	203-1	3674	3667	3767	3703	1.51	cps
Thallium	205-1	8680	8796	9487	8988	4.85	cps
Tin	118-1	21910	22287	22628	22275	1.61	cps
Titanium	47-1	3275967	3268699	3271377	3272015	0.11	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-07	Instrumnet Name :	P7
Client Sample ID :	MYDAD9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:53:46	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35036	36226	35514	35592	1.68	cps
Vanadium	51-2	1005618	1000108	993572	999766	0.60	cps
Yttrium	89-1	16948358	17342393	17285679	17192143	1.24	cps
Yttrium	89-2	4361942	4317568	4333055	4337522	0.52	cps
Zinc	66-2	391801	386466	387356	388541	0.74	cps
Zirconium	90-1	199823	201902	202401	201375	0.68	cps
Zirconium	91-1	44822	45233	45313	45123	0.58	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10536846	10628835	10709481	10625054	0.81	cps
Antimony	121-1	21827	22334	22568	22243	1.70	cps
Arsenic	75-2	80818	79977	80121	80306	0.56	cps
Barium	135-1	918355	929669	940915	929646	1.21	cps
Barium	137-1	1639040	1638702	1666226	1647989	0.96	cps
Beryllium	9-1	3007	3130	3104	3080	2.11	cps
Bismuth	209-1	6901238	6975371	7033270	6969959	0.95	cps
Bismuth	209-2	5416344	5460507	5455782	5444211	0.45	cps
Bromine	81-1	12726	12238	12896	12620	2.70	cps
Bromine	81-2	767	787	927	827	10.55	cps
Cadmium	108-1	433	363	393	397	8.85	cps
Cadmium	106-1	3951	4037	3837	3942	2.55	cps
Cadmium	111-1	6163	6439	6295	6299	2.19	cps
Calcium	43-1	462083	468826	476088	468999	1.49	cps
Calcium	44-1	6948272	7025619	7081177	7018356	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237891	235880	236283	236685	0.45	cps
Cobalt	59-2	304572	305613	305457	305214	0.18	cps
Copper	63-2	599702	592783	589215	593900	0.90	cps
Dysprosium	156-1	92918	94153	96042	94371	1.67	cps
Dysprosium	156-2	75951	76876	75481	76103	0.93	cps
Erbium	164-1	79062	80581	81465	80369	1.51	cps
Erbium	164-2	54268	54740	53990	54333	0.70	cps
Gadolinium	160-1	88356	91811	91681	90616	2.16	cps
Gadolinium	160-2	65636	65506	66142	65761	0.51	cps
Holmium	165-1	11494360	11492320	11683789	11556823	0.95	cps
Holmium	165-2	7934440	8018984	7967152	7973525	0.53	cps
Indium	115-1	9253111	9234351	9395181	9294214	0.95	cps
Indium	115-2	3175268	3171441	3197835	3181514	0.45	cps
Iron	56-2	413013141	412685661	414758074	413485625	0.27	cps
Iron	57-2	10157195	10171471	10171778	10166815	0.08	cps
Iron	54-2	22744895	22689916	22556361	22663724	0.43	cps
Krypton	83-1	383	437	420	413	6.60	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	672950	687776	695936	685554	1.70	cps
Lead	207-1	625333	633423	634245	631000	0.78	cps
Lead	208-1	2749899	2800413	2821730	2790681	1.32	cps
Lithium	6-1	1556723	1555919	1595484	1569375	1.44	cps
Magnesium	24-2	6735659	6691935	6796312	6741302	0.78	cps
Manganese	55-2	7136259	7183170	7221491	7180306	0.59	cps
Molybdenum	94-1	67987	69537	69926	69150	1.48	cps
Molybdenum	95-1	7332	7599	7852	7594	3.43	cps
Molybdenum	96-1	22154	22651	23312	22706	2.56	cps
Molybdenum	97-1	4671	4447	4671	4596	2.81	cps
Molybdenum	98-1	11355	11798	11858	11670	2.36	cps
Neodymium	150-1	162633	165091	166039	164588	1.07	cps
Neodymium	150-2	93890	92917	94581	93796	0.89	cps
Nickel	60-2	83303	82364	83072	82913	0.59	cps
Phosphorus	31-2	39548	39925	39163	39545	0.96	cps
Potassium	39-2	5607950	5617208	5607963	5611040	0.10	cps
Rhodium	103-1	8800361	8865524	8770886	8812257	0.55	cps
Rhodium	103-2	5529149	5627840	5542536	5566508	0.96	cps
Scandium	45-1	6104835	6263823	6287899	6218853	1.60	cps
Scandium	45-2	573602	568771	566704	569692	0.62	cps
Selenium	82-1	722	763	786	757	4.33	cps
Selenium	77-2	417	307	393	372	15.57	cps
Selenium	78-2	640	703	653	666	5.02	cps
Silicon	28-1	32704155	33267822	33628479	33200152	1.40	cps
Silver	107-1	5888	6175	6265	6109	3.22	cps
Silver	109-1	5594	5715	5711	5673	1.21	cps
Sodium	23-2	229552	231214	229685	230150	0.40	cps
Strontium	86-1	311314	319160	321374	317283	1.67	cps
Strontium	88-1	2734023	2760393	2768932	2754449	0.66	cps
Sulfur	34-1	233554	235638	232753	233982	0.64	cps
Terbium	159-1	11711008	11977454	11802359	11830274	1.14	cps
Terbium	159-2	7809148	7883504	7845782	7846145	0.47	cps
Thallium	203-1	3337	2970	3074	3127	6.05	cps
Thallium	205-1	7212	7085	7255	7184	1.23	cps
Tin	118-1	20368	20635	20388	20464	0.73	cps
Titanium	47-1	2461945	2548823	2562070	2524279	2.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-08	Instrumnet Name :	P7
Client Sample ID :	MYDAE0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 05:56:55	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33819	34705	36400	34975	3.75	cps
Vanadium	51-2	778901	776396	774438	776578	0.29	cps
Yttrium	89-1	17033764	17347708	17380296	17253923	1.11	cps
Yttrium	89-2	4303206	4347482	4325214	4325301	0.51	cps
Zinc	66-2	365413	366296	366219	365976	0.13	cps
Zirconium	90-1	174685	179832	181089	178536	1.90	cps
Zirconium	91-1	38577	39998	39814	39463	1.96	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11526629	11493483	11493551	11504554	0.17	cps
Antimony	121-1	16373	16523	16703	16533	1.00	cps
Arsenic	75-2	77504	76576	76961	77014	0.61	cps
Barium	135-1	1053161	1079826	1090642	1074543	1.80	cps
Barium	137-1	1889617	1905612	1905669	1900299	0.49	cps
Beryllium	9-1	3040	3054	3170	3088	2.32	cps
Bismuth	209-1	6788396	6942842	6235816	6655684	5.59	cps
Bismuth	209-2	5397030	5398258	5335864	5377051	0.66	cps
Bromine	81-1	12098	11651	12162	11970	2.32	cps
Bromine	81-2	810	760	710	760	6.58	cps
Cadmium	108-1	317	337	357	337	5.94	cps
Cadmium	106-1	4007	3630	3714	3784	5.23	cps
Cadmium	111-1	5394	5219	5197	5270	2.04	cps
Calcium	43-1	477346	479521	482567	479811	0.55	cps
Calcium	44-1	7108625	7289147	7220107	7205960	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	281242	277645	280076	279655	0.66	cps
Cobalt	59-2	335489	331219	334447	333718	0.67	cps
Copper	63-2	589435	585389	584818	586547	0.43	cps
Dysprosium	156-1	95562	96968	97885	96805	1.21	cps
Dysprosium	156-2	78923	79429	77911	78755	0.98	cps
Erbium	164-1	80547	83454	82424	82142	1.79	cps
Erbium	164-2	56249	56695	55208	56051	1.36	cps
Gadolinium	160-1	91734	93858	93227	92940	1.17	cps
Gadolinium	160-2	67726	67746	67445	67639	0.25	cps
Holmium	165-1	11333792	11269245	10106211	10903083	6.34	cps
Holmium	165-2	7838629	7733916	7750139	7774228	0.72	cps
Indium	115-1	9086271	9160271	8251171	8832571	5.72	cps
Indium	115-2	3186263	3154225	3134406	3158298	0.83	cps
Iron	56-2	444254860	446706087	444714980	445225309	0.29	cps
Iron	57-2	10991119	10782500	10793219	10855613	1.08	cps
Iron	54-2	24501937	24317645	24368471	24396018	0.39	cps
Krypton	83-1	457	513	470	480	6.17	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	611625	619920	621872	617806	0.88	cps
Lead	207-1	553487	561669	577237	564131	2.14	cps
Lead	208-1	2461173	2513545	2520305	2498341	1.30	cps
Lithium	6-1	1514456	1542870	1392591	1483305	5.38	cps
Magnesium	24-2	6999797	7057913	6935786	6997832	0.87	cps
Manganese	55-2	6897928	6873661	6882003	6884531	0.18	cps
Molybdenum	94-1	68452	70820	71068	70113	2.06	cps
Molybdenum	95-1	7892	8176	8449	8172	3.41	cps
Molybdenum	96-1	24050	24133	24110	24098	0.18	cps
Molybdenum	97-1	5184	4951	5178	5104	2.60	cps
Molybdenum	98-1	12355	13043	12649	12682	2.72	cps
Neodymium	150-1	166289	170369	170138	168932	1.36	cps
Neodymium	150-2	96148	95396	97336	96294	1.02	cps
Nickel	60-2	89468	87047	88308	88274	1.37	cps
Phosphorus	31-2	39210	39708	38786	39235	1.18	cps
Potassium	39-2	5126727	5018751	5051819	5065766	1.09	cps
Rhodium	103-1	8738726	8602278	7795998	8379001	6.08	cps
Rhodium	103-2	5375893	5353137	5407071	5378700	0.50	cps
Scandium	45-1	6012328	6112486	5431462	5852092	6.28	cps
Scandium	45-2	569764	568222	567511	568499	0.20	cps
Selenium	82-1	675	615	731	674	8.62	cps
Selenium	77-2	347	393	360	367	6.56	cps
Selenium	78-2	767	683	663	704	7.78	cps
Silicon	28-1	33601548	34415490	34071634	34029558	1.20	cps
Silver	107-1	5785	5845	5861	5830	0.69	cps
Silver	109-1	5311	5458	5661	5477	3.21	cps
Sodium	23-2	231200	228368	230405	229991	0.64	cps
Strontium	86-1	305971	315024	314363	311786	1.62	cps
Strontium	88-1	2652882	2707300	2712517	2690900	1.23	cps
Sulfur	34-1	232285	230006	229836	230709	0.59	cps
Terbium	159-1	11709356	11553563	10368378	11210432	6.54	cps
Terbium	159-2	7897700	7740161	7686327	7774729	1.41	cps
Thallium	203-1	3257	3317	3090	3222	3.65	cps
Thallium	205-1	7465	7809	7485	7587	2.54	cps
Tin	118-1	27844	27834	29086	28254	2.55	cps
Titanium	47-1	2435252	2509054	2536426	2493577	2.10	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:00:08	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37483	37924	38519	37975	1.37	cps
Vanadium	51-2	882459	883991	874103	880184	0.60	cps
Yttrium	89-1	16829598	16908255	15499240	16412364	4.82	cps
Yttrium	89-2	4277906	4275884	4309108	4287632	0.43	cps
Zinc	66-2	307289	307268	307028	307195	0.05	cps
Zirconium	90-1	178538	185240	184857	182878	2.06	cps
Zirconium	91-1	40071	41248	41224	40848	1.65	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11343045	11401766	11329727	11358179	0.34	cps
Antimony	121-1	17761	18158	18535	18152	2.13	cps
Arsenic	75-2	77146	75702	76590	76479	0.95	cps
Barium	135-1	1020846	1049575	1045244	1038555	1.49	cps
Barium	137-1	1809474	1872291	1885761	1855842	2.19	cps
Beryllium	9-1	2980	3210	2927	3039	4.96	cps
Bismuth	209-1	6870332	6887815	6787126	6848424	0.79	cps
Bismuth	209-2	5345645	5361150	5369288	5358694	0.22	cps
Bromine	81-1	11131	11548	11945	11541	3.53	cps
Bromine	81-2	693	737	670	700	4.83	cps
Cadmium	108-1	303	330	357	330	8.08	cps
Cadmium	106-1	3804	3711	3687	3734	1.65	cps
Cadmium	111-1	5214	5123	5135	5157	0.96	cps
Calcium	43-1	468533	476386	475384	473434	0.90	cps
Calcium	44-1	7053148	7098886	7168979	7107004	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	277922	276312	276072	276769	0.36	cps
Cobalt	59-2	326451	328087	331324	328621	0.75	cps
Copper	63-2	577947	576832	581312	578697	0.40	cps
Dysprosium	156-1	92284	94667	94213	93721	1.35	cps
Dysprosium	156-2	77304	77714	76943	77320	0.50	cps
Erbium	164-1	78687	81720	82964	81124	2.71	cps
Erbium	164-2	54787	55797	55108	55231	0.93	cps
Gadolinium	160-1	89758	92577	92379	91571	1.72	cps
Gadolinium	160-2	67355	66712	66915	66994	0.49	cps
Holmium	165-1	11162816	11388027	11231957	11260933	1.02	cps
Holmium	165-2	7760452	7894751	7909258	7854820	1.04	cps
Indium	115-1	9052983	9110732	9195564	9119760	0.79	cps
Indium	115-2	3155715	3116581	3163599	3145298	0.80	cps
Iron	56-2	439229033	432838100	435384807	435817314	0.74	cps
Iron	57-2	10815254	10769513	10736805	10773857	0.37	cps
Iron	54-2	24135910	23935953	24152035	24074633	0.50	cps
Krypton	83-1	373	413	493	427	14.32	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	590787	608742	607942	602491	1.68	cps
Lead	207-1	545941	559246	556005	553731	1.25	cps
Lead	208-1	2427569	2473980	2477361	2459637	1.13	cps
Lithium	6-1	1525395	1519234	1576769	1540466	2.05	cps
Magnesium	24-2	7019537	6929305	6865724	6938189	1.11	cps
Manganese	55-2	6735729	6632065	6660604	6676133	0.80	cps
Molybdenum	94-1	69510	71138	70904	70517	1.25	cps
Molybdenum	95-1	8199	7852	8229	8093	2.59	cps
Molybdenum	96-1	23382	23833	23405	23540	1.08	cps
Molybdenum	97-1	4978	4918	4998	4964	0.84	cps
Molybdenum	98-1	12952	12062	12352	12455	3.65	cps
Neodymium	150-1	163089	166311	166902	165434	1.24	cps
Neodymium	150-2	94098	94474	94823	94465	0.38	cps
Nickel	60-2	87208	87466	85871	86848	0.99	cps
Phosphorus	31-2	38612	38134	37997	38248	0.84	cps
Potassium	39-2	5039010	5001745	5032653	5024470	0.40	cps
Rhodium	103-1	8684915	8678266	8762657	8708613	0.54	cps
Rhodium	103-2	5390034	5358243	5498497	5415592	1.36	cps
Scandium	45-1	6082440	6081698	6100434	6088191	0.17	cps
Scandium	45-2	568892	568582	571814	569763	0.31	cps
Selenium	82-1	806	700	668	725	9.91	cps
Selenium	77-2	417	370	360	382	7.91	cps
Selenium	78-2	697	617	617	643	7.18	cps
Silicon	28-1	34001160	34134014	34330539	34155238	0.49	cps
Silver	107-1	5755	5721	5731	5736	0.30	cps
Silver	109-1	5218	5218	5351	5262	1.46	cps
Sodium	23-2	230286	230451	231480	230739	0.28	cps
Strontium	86-1	300985	306521	312410	306638	1.86	cps
Strontium	88-1	2600477	2672576	2678615	2650556	1.64	cps
Sulfur	34-1	227732	224410	224898	225680	0.79	cps
Terbium	159-1	11581822	11774024	11640632	11665493	0.84	cps
Terbium	159-2	7686158	7699471	7805036	7730222	0.84	cps
Thallium	203-1	3110	3137	3080	3109	0.91	cps
Thallium	205-1	7502	7525	7612	7547	0.77	cps
Tin	118-1	25706	26197	26267	26057	1.17	cps
Titanium	47-1	2497492	2531807	2531751	2520350	0.79	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:03:21	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37242	38315	37747	37768	1.42	cps
Vanadium	51-2	866624	867532	865664	866607	0.11	cps
Yttrium	89-1	16869864	16976300	17260182	17035448	1.18	cps
Yttrium	89-2	4255507	4290915	4326600	4291007	0.83	cps
Zinc	66-2	301047	302009	301802	301619	0.17	cps
Zirconium	90-1	176149	183466	183076	180897	2.28	cps
Zirconium	91-1	39583	40800	40415	40266	1.54	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2113418	2128902	2112765	2118362	0.43	cps
Antimony	121-1	3094	3297	3070	3154	3.95	cps
Arsenic	75-2	14647	14260	14631	14513	1.51	cps
Barium	135-1	196804	201321	201104	199743	1.28	cps
Barium	137-1	339323	342073	345154	342184	0.85	cps
Beryllium	9-1	563	580	507	550	6.99	cps
Bismuth	209-1	6990418	7008337	7145779	7048178	1.21	cps
Bismuth	209-2	5485793	5461215	5585483	5510830	1.19	cps
Bromine	81-1	9580	9670	9713	9654	0.70	cps
Bromine	81-2	180	160	240	193	21.53	cps
Cadmium	108-1	43	67	57	56	21.08	cps
Cadmium	106-1	3124	3094	2950	3056	3.03	cps
Cadmium	111-1	2683	2639	2589	2637	1.78	cps
Calcium	43-1	87812	89710	89669	89064	1.22	cps
Calcium	44-1	1348389	1387685	1376028	1370700	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51949	53096	53180	52742	1.30	cps
Cobalt	59-2	61920	61104	60628	61217	1.07	cps
Copper	63-2	111119	111528	109164	110604	1.14	cps
Dysprosium	156-1	17745	17995	17728	17822	0.84	cps
Dysprosium	156-2	14588	14544	14815	14649	0.99	cps
Erbium	164-1	14945	15455	15732	15377	2.60	cps
Erbium	164-2	10751	10531	10631	10637	1.04	cps
Gadolinium	160-1	17271	17384	17274	17310	0.37	cps
Gadolinium	160-2	12409	12656	12949	12671	2.14	cps
Holmium	165-1	11311164	11225572	11428287	11321674	0.90	cps
Holmium	165-2	7918160	7769945	7818270	7835458	0.96	cps
Indium	115-1	9310786	9150485	9063930	9175067	1.37	cps
Indium	115-2	3263624	3115661	3131351	3170212	2.56	cps
Iron	56-2	81638632	82721574	81417114	81925773	0.85	cps
Iron	57-2	2058574	2015271	2013906	2029250	1.25	cps
Iron	54-2	4502728	4536075	4521319	4520041	0.37	cps
Krypton	83-1	327	363	373	354	6.93	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	115776	118319	118070	117389	1.19	cps
Lead	207-1	105862	108046	108637	107515	1.36	cps
Lead	208-1	471075	479675	480946	477232	1.13	cps
Lithium	6-1	1531288	1540480	1552716	1541495	0.70	cps
Magnesium	24-2	1276226	1295019	1288706	1286650	0.74	cps
Manganese	55-2	1306537	1311630	1317461	1311876	0.42	cps
Molybdenum	94-1	13196	13196	13059	13150	0.60	cps
Molybdenum	95-1	1513	1643	1643	1600	4.69	cps
Molybdenum	96-1	4811	4934	4537	4761	4.27	cps
Molybdenum	97-1	980	930	1053	988	6.28	cps
Molybdenum	98-1	2444	2450	2427	2440	0.49	cps
Neodymium	150-1	30630	31331	31442	31134	1.41	cps
Neodymium	150-2	17785	17571	18172	17842	1.71	cps
Nickel	60-2	16419	16749	16439	16536	1.12	cps
Phosphorus	31-2	7335	7539	7465	7446	1.38	cps
Potassium	39-2	1070438	1074777	1066709	1070641	0.38	cps
Rhodium	103-1	8740849	8813924	8890279	8815017	0.85	cps
Rhodium	103-2	5472303	5407913	5476970	5452395	0.71	cps
Scandium	45-1	5769340	5816356	5836691	5807462	0.59	cps
Scandium	45-2	535459	535724	533252	534812	0.25	cps
Selenium	82-1	480	489	514	494	3.66	cps
Selenium	77-2	60	57	80	66	19.25	cps
Selenium	78-2	337	400	380	372	8.70	cps
Silicon	28-1	6436356	6546252	6575756	6519454	1.13	cps
Silver	107-1	1213	1083	1213	1170	6.42	cps
Silver	109-1	1137	1033	1023	1064	5.89	cps
Sodium	23-2	89951	88472	88110	88844	1.10	cps
Strontium	86-1	57920	58723	58291	58311	0.69	cps
Strontium	88-1	492397	505642	504701	500914	1.48	cps
Sulfur	34-1	203985	206029	203168	204394	0.72	cps
Terbium	159-1	11566387	11639392	11577448	11594409	0.34	cps
Terbium	159-2	7775274	7657204	7717366	7716615	0.77	cps
Thallium	203-1	647	737	643	676	7.84	cps
Thallium	205-1	1620	1527	1660	1602	4.27	cps
Tin	118-1	6398	7182	6855	6812	5.78	cps
Titanium	47-1	468889	478190	482260	476446	1.44	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LX5	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	5
Date & Time Acquired :	2024-10-25 06:06:37	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6942	7195	7369	7169	3.00	cps
Vanadium	51-2	161635	161945	159315	160965	0.89	cps
Yttrium	89-1	15738472	16018639	15997935	15918348	0.98	cps
Yttrium	89-2	4097345	4011400	4013210	4040652	1.22	cps
Zinc	66-2	58203	57437	57115	57585	0.97	cps
Zirconium	90-1	33067	34197	34220	33828	1.95	cps
Zirconium	91-1	7335	7959	7515	7603	4.22	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11973640	11801222	11997526	11924129	0.90	cps
Antimony	121-1	710029	721398	729191	720206	1.34	cps
Arsenic	75-2	95266	94330	94196	94598	0.62	cps
Barium	135-1	4358821	4384634	4400590	4381348	0.48	cps
Barium	137-1	7552813	7555927	7604053	7570931	0.38	cps
Beryllium	9-1	55964	57904	58961	57610	2.64	cps
Bismuth	209-1	7120951	6955266	7088734	7054984	1.25	cps
Bismuth	209-2	5505315	5324729	5471246	5433763	1.77	cps
Bromine	81-1	11758	12155	11908	11940	1.68	cps
Bromine	81-2	820	907	770	832	8.31	cps
Cadmium	108-1	6225	6275	6618	6373	3.36	cps
Cadmium	106-1	11765	12415	11985	12055	2.74	cps
Cadmium	111-1	95338	96406	97437	96393	1.09	cps
Calcium	43-1	485980	495713	500050	493914	1.46	cps
Calcium	44-1	7272383	7527225	7370870	7390159	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	913961	907487	907180	909543	0.42	cps
Cobalt	59-2	2681801	2646569	2655521	2661297	0.69	cps
Copper	63-2	1401997	1399288	1390562	1397282	0.43	cps
Dysprosium	156-1	97545	99187	101198	99310	1.84	cps
Dysprosium	156-2	81076	81069	80764	80969	0.22	cps
Erbium	164-1	84796	86183	86828	85936	1.21	cps
Erbium	164-2	58883	57986	58820	58563	0.85	cps
Gadolinium	160-1	95406	96254	98204	96621	1.49	cps
Gadolinium	160-2	70218	69572	70382	70057	0.61	cps
Holmium	165-1	11545563	11599911	11696561	11614012	0.66	cps
Holmium	165-2	7857597	7773205	7818766	7816523	0.54	cps
Indium	115-1	9213063	9287337	9305480	9268627	0.53	cps
Indium	115-2	3201222	3166886	3165855	3177988	0.63	cps
Iron	56-2	455755793	454615087	459206500	456525793	0.52	cps
Iron	57-2	11294595	11250279	11269570	11271481	0.20	cps
Iron	54-2	25291230	24916233	25386647	25198037	0.99	cps
Krypton	83-1	413	403	447	421	5.39	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	736046	735752	751314	741038	1.20	cps
Lead	207-1	660859	672725	686040	673208	1.87	cps
Lead	208-1	2979458	2983713	3055655	3006275	1.42	cps
Lithium	6-1	1582436	1577411	1586776	1582208	0.30	cps
Magnesium	24-2	7204726	7161054	7172999	7179593	0.31	cps
Manganese	55-2	8081749	8000680	8068748	8050392	0.54	cps
Molybdenum	94-1	70529	73038	73081	72216	2.02	cps
Molybdenum	95-1	8453	8379	8943	8591	3.57	cps
Molybdenum	96-1	24043	25302	25095	24813	2.72	cps
Molybdenum	97-1	4951	5351	5454	5252	5.06	cps
Molybdenum	98-1	12792	13393	13720	13302	3.54	cps
Neodymium	150-1	171490	175323	177847	174886	1.83	cps
Neodymium	150-2	100085	98128	99545	99253	1.02	cps
Nickel	60-2	686607	681046	685946	684533	0.44	cps
Phosphorus	31-2	39193	38966	39036	39065	0.30	cps
Potassium	39-2	5191149	5138591	5115471	5148404	0.75	cps
Rhodium	103-1	8678599	8699004	8902649	8760084	1.41	cps
Rhodium	103-2	5508007	5478760	5476286	5487684	0.32	cps
Scandium	45-1	6103812	6189956	6192562	6162110	0.82	cps
Scandium	45-2	572038	567611	571182	570277	0.41	cps
Selenium	82-1	12270	12630	12683	12527	1.79	cps
Selenium	77-2	1467	1440	1550	1486	3.86	cps
Selenium	78-2	4377	4381	4394	4384	0.20	cps
Silicon	28-1	34973342	35189482	35865304	35342709	1.32	cps
Silver	107-1	356563	366330	373132	365342	2.28	cps
Silver	109-1	336830	344402	351236	344156	2.09	cps
Sodium	23-2	219248	218241	221193	219560	0.68	cps
Strontium	86-1	314538	321742	321520	319267	1.28	cps
Strontium	88-1	2702687	2782989	2767607	2751094	1.55	cps
Sulfur	34-1	228844	228134	229987	228989	0.41	cps
Terbium	159-1	11807297	11859778	11774982	11814019	0.36	cps
Terbium	159-2	8034246	7898733	7880951	7937977	1.06	cps
Thallium	203-1	299499	305387	313991	306292	2.38	cps
Thallium	205-1	725093	738917	743446	735818	1.30	cps
Tin	118-1	26588	27613	27793	27331	2.38	cps
Titanium	47-1	2565400	2599615	2582685	2582567	0.66	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:09:52	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39726	40050	40194	39990	0.60	cps
Vanadium	51-2	2170723	2168320	2190137	2176393	0.55	cps
Yttrium	89-1	16942359	17198039	17433489	17191295	1.43	cps
Yttrium	89-2	4369572	4306450	4329078	4335033	0.74	cps
Zinc	66-2	569156	569602	569997	569585	0.07	cps
Zirconium	90-1	183508	187849	189144	186834	1.58	cps
Zirconium	91-1	40439	42725	42481	41882	3.00	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12724291	12839132	12819767	12794397	0.48	cps
Antimony	121-1	3158618	3214778	3229260	3200885	1.17	cps
Arsenic	75-2	147787	147329	148083	147733	0.26	cps
Barium	135-1	17179286	17623199	17532069	17444851	1.34	cps
Barium	137-1	29513330	30013108	29811374	29779271	0.84	cps
Beryllium	9-1	270833	271936	273062	271943	0.41	cps
Bismuth	209-1	7170920	7163823	7141471	7158738	0.21	cps
Bismuth	209-2	5487833	5520175	5460756	5489588	0.54	cps
Bromine	81-1	11658	11942	11925	11842	1.34	cps
Bromine	81-2	763	747	767	759	1.41	cps
Cadmium	108-1	26768	27299	27827	27298	1.94	cps
Cadmium	106-1	40396	41349	41469	41071	1.43	cps
Cadmium	111-1	405789	418861	416517	413722	1.68	cps
Calcium	43-1	475529	486940	489270	483913	1.52	cps
Calcium	44-1	7160172	7262252	7348203	7256876	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3154025	3254709	3206410	3205048	1.57	cps
Cobalt	59-2	11497231	11664029	11663141	11608134	0.83	cps
Copper	63-2	4415311	4476539	4413708	4435186	0.81	cps
Dysprosium	156-1	96542	98304	100037	98294	1.78	cps
Dysprosium	156-2	80291	80013	80831	80378	0.52	cps
Erbium	164-1	83535	85067	85147	84583	1.07	cps
Erbium	164-2	56601	57461	57484	57182	0.88	cps
Gadolinium	160-1	93234	97224	95899	95452	2.13	cps
Gadolinium	160-2	68768	69079	68449	68765	0.46	cps
Holmium	165-1	11448914	11526404	11548384	11507901	0.45	cps
Holmium	165-2	7857082	8089613	8058788	8001828	1.58	cps
Indium	115-1	9219512	9308541	9311473	9279842	0.56	cps
Indium	115-2	3150559	3136983	3178914	3155485	0.68	cps
Iron	56-2	452826727	459082966	455527180	455812291	0.69	cps
Iron	57-2	11160484	11297079	11224197	11227253	0.61	cps
Iron	54-2	24786190	25416297	25173512	25125333	1.26	cps
Krypton	83-1	433	440	500	458	8.02	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1064870	1094599	1096844	1085438	1.64	cps
Lead	207-1	960109	984389	975542	973346	1.26	cps
Lead	208-1	4583584	4667093	4657567	4636081	0.99	cps
Lithium	6-1	1592047	1602568	1573983	1589533	0.91	cps
Magnesium	24-2	6903592	7074049	6905622	6961087	1.41	cps
Manganese	55-2	11871989	11975777	11901596	11916454	0.45	cps
Molybdenum	94-1	71112	72387	72264	71921	0.98	cps
Molybdenum	95-1	8549	8596	8849	8665	1.86	cps
Molybdenum	96-1	23963	24938	25108	24670	2.50	cps
Molybdenum	97-1	5318	5298	5411	5342	1.13	cps
Molybdenum	98-1	13309	13163	13783	13418	2.42	cps
Neodymium	150-1	169229	173446	174159	172278	1.55	cps
Neodymium	150-2	98370	99495	97773	98546	0.89	cps
Nickel	60-2	3006288	3029405	3034190	3023294	0.49	cps
Phosphorus	31-2	37994	39427	37964	38462	2.17	cps
Potassium	39-2	4939942	5029711	5000207	4989953	0.92	cps
Rhodium	103-1	8592611	8728023	8698513	8673049	0.82	cps
Rhodium	103-2	5435300	5374209	5452056	5420522	0.76	cps
Scandium	45-1	6120362	6079119	6178170	6125884	0.81	cps
Scandium	45-2	556017	559943	553492	556484	0.58	cps
Selenium	82-1	59142	60041	60128	59770	0.91	cps
Selenium	77-2	5871	6161	6158	6064	2.75	cps
Selenium	78-2	19236	19316	19313	19288	0.23	cps
Silicon	28-1	33715443	34400824	34155078	34090448	1.02	cps
Silver	107-1	1552446	1541794	1559378	1551206	0.57	cps
Silver	109-1	1471534	1436828	1551327	1486563	3.95	cps
Sodium	23-2	216446	218260	220409	218372	0.91	cps
Strontium	86-1	308450	314375	315383	312736	1.20	cps
Strontium	88-1	2674036	2711175	2708928	2698046	0.77	cps
Sulfur	34-1	228213	227863	228053	228043	0.08	cps
Terbium	159-1	11875607	11779469	12050083	11901720	1.15	cps
Terbium	159-2	7829765	7831568	7984544	7881959	1.13	cps
Thallium	203-1	1355667	1383554	1402117	1380446	1.69	cps
Thallium	205-1	3579722	3702832	3729487	3670680	2.18	cps
Tin	118-1	27363	27894	28017	27758	1.25	cps
Titanium	47-1	2471693	2501049	2530915	2501219	1.18	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MS	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:12:58	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38753	40836	40682	40090	2.90	cps
Vanadium	51-2	7103392	7226952	7227275	7185873	0.99	cps
Yttrium	89-1	17200403	17012229	17192122	17134918	0.62	cps
Yttrium	89-2	4323861	4258832	4270537	4284410	0.81	cps
Zinc	66-2	1511906	1544691	1539652	1532083	1.15	cps
Zirconium	90-1	179955	183197	182775	181976	0.97	cps
Zirconium	91-1	39951	41679	41428	41019	2.28	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10462777	10376153	10401796	10413575	0.43	cps
Antimony	121-1	15141	15569	15569	15426	1.60	cps
Arsenic	75-2	48713	48683	48810	48735	0.14	cps
Barium	135-1	866277	897719	892721	885573	1.91	cps
Barium	137-1	1500446	1573105	1588952	1554168	3.04	cps
Beryllium	9-1	2887	2884	2954	2908	1.36	cps
Bismuth	209-1	7182825	7176623	7105321	7154923	0.60	cps
Bismuth	209-2	5508832	5516512	5497927	5507757	0.17	cps
Bromine	81-1	11201	11448	11398	11349	1.15	cps
Bromine	81-2	630	663	610	634	4.25	cps
Cadmium	108-1	307	297	293	299	2.32	cps
Cadmium	106-1	3757	3824	3727	3769	1.31	cps
Cadmium	111-1	4606	4719	4647	4657	1.24	cps
Calcium	43-1	447657	460357	459669	455894	1.57	cps
Calcium	44-1	6735804	6931752	6907910	6858489	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241215	240207	240343	240588	0.23	cps
Cobalt	59-2	252792	254105	254540	253812	0.36	cps
Copper	63-2	483986	485793	479491	483090	0.67	cps
Dysprosium	156-1	81629	84050	83782	83154	1.60	cps
Dysprosium	156-2	66875	67039	68061	67325	0.95	cps
Erbium	164-1	70554	73274	73850	72559	2.43	cps
Erbium	164-2	49364	48761	48962	49029	0.63	cps
Gadolinium	160-1	80235	81948	81938	81373	1.21	cps
Gadolinium	160-2	59258	59325	59164	59249	0.14	cps
Holmium	165-1	11598768	11617069	11711392	11642410	0.52	cps
Holmium	165-2	7821778	7917874	7913471	7884374	0.69	cps
Indium	115-1	9090134	9318424	9250728	9219762	1.27	cps
Indium	115-2	3159840	3146751	3133914	3146835	0.41	cps
Iron	56-2	372185221	374977354	371905701	373022759	0.46	cps
Iron	57-2	9221653	9215243	9074584	9170493	0.91	cps
Iron	54-2	20596348	20589563	20303391	20496434	0.82	cps
Krypton	83-1	343	423	380	382	10.48	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410143	415343	417966	414484	0.96	cps
Lead	207-1	370844	379099	375206	375050	1.10	cps
Lead	208-1	1664954	1680021	1675166	1673380	0.46	cps
Lithium	6-1	1545012	1608557	1614964	1589511	2.43	cps
Magnesium	24-2	6430361	6366597	6335028	6377329	0.76	cps
Manganese	55-2	5392202	5469711	5360567	5407494	1.04	cps
Molybdenum	94-1	66982	69896	69132	68670	2.20	cps
Molybdenum	95-1	5948	6428	6448	6275	4.51	cps
Molybdenum	96-1	20661	21232	21556	21150	2.14	cps
Molybdenum	97-1	3871	3901	3931	3901	0.77	cps
Molybdenum	98-1	9987	9537	9560	9694	2.62	cps
Neodymium	150-1	143799	146749	147109	145885	1.24	cps
Neodymium	150-2	83073	82744	82906	82907	0.20	cps
Nickel	60-2	76604	76608	76138	76450	0.35	cps
Phosphorus	31-2	34539	34619	33824	34327	1.27	cps
Potassium	39-2	4407891	4403842	4368898	4393543	0.49	cps
Rhodium	103-1	8627683	8769272	8863839	8753598	1.36	cps
Rhodium	103-2	5441564	5368682	5446951	5419066	0.81	cps
Scandium	45-1	5960869	6104484	6120026	6061793	1.45	cps
Scandium	45-2	559852	556463	555241	557185	0.43	cps
Selenium	82-1	696	657	689	681	3.07	cps
Selenium	77-2	307	260	287	284	8.23	cps
Selenium	78-2	580	497	570	549	8.29	cps
Silicon	28-1	32763388	33483600	33337504	33194830	1.15	cps
Silver	107-1	4644	3967	3494	4035	14.33	cps
Silver	109-1	4301	3640	3347	3763	12.98	cps
Sodium	23-2	208410	211215	208637	209421	0.74	cps
Strontium	86-1	272601	282631	281378	278870	1.96	cps
Strontium	88-1	2332866	2457974	2405149	2398663	2.62	cps
Sulfur	34-1	227654	229000	223558	226737	1.25	cps
Terbium	159-1	11726161	11831519	11832045	11796575	0.52	cps
Terbium	159-2	7741269	7863751	7888912	7831311	1.01	cps
Thallium	203-1	2940	3094	3374	3136	7.01	cps
Thallium	205-1	7405	7465	7045	7305	3.11	cps
Tin	118-1	17250	18335	18035	17873	3.13	cps
Titanium	47-1	2058639	2147330	2118711	2108227	2.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-12	Instrumnet Name :	P7
Client Sample ID :	MYDAE2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:15:57	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30134	29426	30498	30019	1.82	cps
Vanadium	51-2	700230	705549	699592	701790	0.47	cps
Yttrium	89-1	16660856	17183922	16994769	16946516	1.56	cps
Yttrium	89-2	4220816	4253012	4213170	4229000	0.50	cps
Zinc	66-2	228241	229937	229236	229138	0.37	cps
Zirconium	90-1	174854	178757	179925	177846	1.49	cps
Zirconium	91-1	38754	40105	40335	39731	2.15	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9961049	9930423	10094656	9995376	0.87	cps
Antimony	121-1	10547	10774	10657	10660	1.06	cps
Arsenic	75-2	31036	30538	30926	30833	0.85	cps
Barium	135-1	809903	829216	825127	821415	1.24	cps
Barium	137-1	1400334	1433998	1439816	1424716	1.50	cps
Beryllium	9-1	2410	2657	2734	2600	6.50	cps
Bismuth	209-1	7071813	7007005	7071668	7050162	0.53	cps
Bismuth	209-2	5365479	5439466	5349558	5384834	0.89	cps
Bromine	81-1	11188	11384	11711	11428	2.31	cps
Bromine	81-2	723	750	730	734	1.89	cps
Cadmium	108-1	183	230	323	246	29.03	cps
Cadmium	106-1	3717	3717	3951	3795	3.55	cps
Cadmium	111-1	3634	3704	3702	3680	1.09	cps
Calcium	43-1	1194799	1217234	1236082	1216038	1.70	cps
Calcium	44-1	19219007	19724557	20171807	19705123	2.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	276393	275952	276272	276206	0.08	cps
Cobalt	59-2	297990	295891	296487	296789	0.36	cps
Copper	63-2	453046	451172	452326	452181	0.21	cps
Dysprosium	156-1	90724	92670	93254	92216	1.44	cps
Dysprosium	156-2	74784	75223	75384	75131	0.41	cps
Erbium	164-1	76867	78422	80594	78628	2.38	cps
Erbium	164-2	52880	53084	53054	53006	0.21	cps
Gadolinium	160-1	86525	88367	88611	87834	1.30	cps
Gadolinium	160-2	62713	63490	63088	63097	0.62	cps
Holmium	165-1	11227172	11469101	11518131	11404801	1.37	cps
Holmium	165-2	7866823	7911622	7813886	7864110	0.62	cps
Indium	115-1	9067249	9199677	9297090	9188005	1.26	cps
Indium	115-2	3146479	3145153	3160894	3150842	0.28	cps
Iron	56-2	348604621	347426048	348328715	348119795	0.18	cps
Iron	57-2	8670840	8523772	8485483	8560032	1.14	cps
Iron	54-2	19110783	19144815	19257483	19171027	0.40	cps
Krypton	83-1	413	477	447	446	7.11	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	282932	293346	291841	289373	1.95	cps
Lead	207-1	242018	245445	248604	245355	1.34	cps
Lead	208-1	1110210	1134752	1136387	1127116	1.30	cps
Lithium	6-1	1545173	1594275	1572869	1570772	1.57	cps
Magnesium	24-2	7281554	7429785	7334009	7348450	1.02	cps
Manganese	55-2	6132096	6136909	6127127	6132044	0.08	cps
Molybdenum	94-1	79169	81569	82494	81077	2.12	cps
Molybdenum	95-1	7305	7382	7435	7374	0.89	cps
Molybdenum	96-1	23572	24180	24254	24002	1.56	cps
Molybdenum	97-1	4501	4594	4411	4502	2.04	cps
Molybdenum	98-1	11655	11438	11525	11539	0.95	cps
Neodymium	150-1	160897	165253	163416	163189	1.34	cps
Neodymium	150-2	93263	92605	92034	92634	0.66	cps
Nickel	60-2	94791	95042	95713	95182	0.50	cps
Phosphorus	31-2	36477	36380	36958	36605	0.85	cps
Potassium	39-2	3878754	3900768	3911147	3896890	0.42	cps
Rhodium	103-1	8485113	8773868	8763938	8674306	1.89	cps
Rhodium	103-2	5450863	5440020	5490392	5460425	0.49	cps
Scandium	45-1	6044995	6148180	6219301	6137492	1.43	cps
Scandium	45-2	562633	559952	560842	561142	0.24	cps
Selenium	82-1	641	564	609	605	6.39	cps
Selenium	77-2	320	370	343	344	7.26	cps
Selenium	78-2	560	577	613	583	4.68	cps
Silicon	28-1	35191306	36578009	36830408	36199908	2.44	cps
Silver	107-1	2117	2274	2160	2184	3.71	cps
Silver	109-1	1793	1827	2007	1876	6.12	cps
Sodium	23-2	256590	256888	259383	257620	0.60	cps
Strontium	86-1	275419	281124	284796	280447	1.68	cps
Strontium	88-1	2364822	2415717	2457655	2412731	1.93	cps
Sulfur	34-1	237379	242125	244114	241206	1.43	cps
Terbium	159-1	11570931	11864341	11948950	11794741	1.68	cps
Terbium	159-2	7834516	7707902	7829295	7790571	0.92	cps
Thallium	203-1	2560	2540	2887	2663	7.31	cps
Thallium	205-1	6181	6382	6365	6309	1.76	cps
Tin	118-1	17067	18495	18145	17902	4.16	cps
Titanium	47-1	2072651	2128572	2138518	2113247	1.68	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-13	Instrumnet Name :	P7
Client Sample ID :	MYDAE3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:19:12	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30184	30632	30241	30352	0.80	cps
Vanadium	51-2	642341	641425	640338	641368	0.16	cps
Yttrium	89-1	16682749	17116448	17248901	17016033	1.74	cps
Yttrium	89-2	4339576	4288062	4310656	4312765	0.60	cps
Zinc	66-2	158194	159933	160313	159480	0.71	cps
Zirconium	90-1	206870	213099	215605	211858	2.12	cps
Zirconium	91-1	45580	47921	48396	47299	3.19	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12099675	12113674	12044059	12085802	0.30	cps
Antimony	121-1	9720	9870	9997	9862	1.41	cps
Arsenic	75-2	47823	48131	48957	48304	1.21	cps
Barium	135-1	916431	930465	941268	929388	1.34	cps
Barium	137-1	1640016	1655860	1689397	1661758	1.52	cps
Beryllium	9-1	3024	3064	3127	3071	1.70	cps
Bismuth	209-1	6988045	6893288	7150670	7010668	1.86	cps
Bismuth	209-2	5357009	5355177	5321878	5344688	0.37	cps
Bromine	81-1	11044	10757	10894	10899	1.32	cps
Bromine	81-2	573	493	587	551	9.16	cps
Cadmium	108-1	270	307	307	294	7.19	cps
Cadmium	106-1	3797	3897	3767	3821	1.78	cps
Cadmium	111-1	4239	4620	4379	4413	4.37	cps
Calcium	43-1	485153	496603	495360	492372	1.28	cps
Calcium	44-1	7298372	7444434	7497642	7413483	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	260907	260220	261185	260771	0.19	cps
Cobalt	59-2	284843	280890	281417	282383	0.76	cps
Copper	63-2	488108	485854	482374	485445	0.60	cps
Dysprosium	156-1	87021	88724	89000	88248	1.21	cps
Dysprosium	156-2	72151	70318	70670	71046	1.37	cps
Erbium	164-1	76049	78475	77701	77408	1.60	cps
Erbium	164-2	52555	50996	51869	51807	1.51	cps
Gadolinium	160-1	85093	86730	87913	86579	1.64	cps
Gadolinium	160-2	61936	62586	62030	62184	0.56	cps
Holmium	165-1	11371442	11545811	11697152	11538135	1.41	cps
Holmium	165-2	7878662	7798864	7837600	7838375	0.51	cps
Indium	115-1	9062410	9166849	9114865	9114708	0.57	cps
Indium	115-2	3127635	3086415	3066869	3093640	1.00	cps
Iron	56-2	386012808	384945514	384517954	385158759	0.20	cps
Iron	57-2	9505822	9467227	9448857	9473969	0.31	cps
Iron	54-2	21235035	21056268	21380974	21224092	0.77	cps
Krypton	83-1	473	450	423	449	5.57	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357511	361313	368810	362545	1.59	cps
Lead	207-1	319320	328269	324970	324186	1.40	cps
Lead	208-1	1439503	1467884	1471696	1459694	1.21	cps
Lithium	6-1	1535605	1590043	1582854	1569501	1.88	cps
Magnesium	24-2	7357680	7419986	7519367	7432344	1.10	cps
Manganese	55-2	5251052	5291354	5306011	5282806	0.54	cps
Molybdenum	94-1	88287	88690	90048	89008	1.04	cps
Molybdenum	95-1	5911	5781	6168	5953	3.31	cps
Molybdenum	96-1	23946	24197	24374	24172	0.89	cps
Molybdenum	97-1	3470	3634	3647	3584	2.75	cps
Molybdenum	98-1	9186	9140	9456	9261	1.85	cps
Neodymium	150-1	152225	156465	155623	154771	1.45	cps
Neodymium	150-2	87643	86523	86775	86980	0.68	cps
Nickel	60-2	83443	84855	82261	83520	1.55	cps
Phosphorus	31-2	35104	34155	33814	34357	1.94	cps
Potassium	39-2	4255199	4218123	4225195	4232839	0.47	cps
Rhodium	103-1	8656685	8587611	8694688	8646328	0.63	cps
Rhodium	103-2	5373068	5369051	5424230	5388783	0.57	cps
Scandium	45-1	6106376	6167785	6230400	6168187	1.01	cps
Scandium	45-2	560924	560472	555929	559108	0.49	cps
Selenium	82-1	486	683	653	608	17.51	cps
Selenium	77-2	313	357	330	333	6.56	cps
Selenium	78-2	523	603	583	570	7.30	cps
Silicon	28-1	40952464	41263926	41842588	41352992	1.09	cps
Silver	107-1	2917	3007	3004	2976	1.72	cps
Silver	109-1	2617	2667	2724	2669	2.00	cps
Sodium	23-2	227536	226382	226762	226893	0.26	cps
Strontium	86-1	301346	308348	310946	306880	1.62	cps
Strontium	88-1	2623006	2648638	2683983	2651876	1.15	cps
Sulfur	34-1	236373	227830	225701	229968	2.46	cps
Terbium	159-1	11578724	11878799	11722030	11726518	1.28	cps
Terbium	159-2	7768308	7710249	7874586	7784381	1.07	cps
Thallium	203-1	2634	2824	2917	2791	5.17	cps
Thallium	205-1	6382	6665	6778	6608	3.09	cps
Tin	118-1	19376	19433	19436	19415	0.17	cps
Titanium	47-1	2247952	2314910	2375237	2312699	2.75	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-14	Instrumnet Name :	P7
Client Sample ID :	MYDAE4	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:22:23	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32176	32389	33058	32541	1.41	cps
Vanadium	51-2	730167	732445	732419	731677	0.18	cps
Yttrium	89-1	16741241	17027390	17087398	16952010	1.09	cps
Yttrium	89-2	4277384	4229228	4249622	4252078	0.57	cps
Zinc	66-2	228577	226370	226016	226988	0.61	cps
Zirconium	90-1	231270	235499	237162	234644	1.29	cps
Zirconium	91-1	51721	52443	52858	52341	1.10	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7483050	7503041	7444171	7476754	0.40	cps
Antimony	121-1	34107	34846	35520	34824	2.03	cps
Arsenic	75-2	159304	159557	158112	158991	0.49	cps
Barium	135-1	454210	470589	465744	463514	1.82	cps
Barium	137-1	786991	802367	810588	799982	1.50	cps
Beryllium	9-1	2294	2140	2194	2209	3.52	cps
Bismuth	209-1	6853183	7108901	7025861	6995981	1.86	cps
Bismuth	209-2	5414866	5362295	5381047	5386069	0.49	cps
Bromine	81-1	10190	10547	10130	10289	2.19	cps
Bromine	81-2	437	437	520	464	10.36	cps
Cadmium	108-1	483	497	563	514	8.33	cps
Cadmium	106-1	3981	3981	3887	3949	1.36	cps
Cadmium	111-1	7172	7416	7328	7305	1.69	cps
Calcium	43-1	261523	266621	268604	265583	1.38	cps
Calcium	44-1	3960546	3994072	3972352	3975657	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	224121	223099	220367	222529	0.87	cps
Cobalt	59-2	240196	237846	236485	238175	0.79	cps
Copper	63-2	593606	593086	588475	591722	0.48	cps
Dysprosium	156-1	65813	65904	67391	66369	1.33	cps
Dysprosium	156-2	54234	53578	54000	53938	0.62	cps
Erbium	164-1	57206	58823	58344	58125	1.43	cps
Erbium	164-2	38159	38977	38048	38395	1.32	cps
Gadolinium	160-1	62354	64233	64996	63861	2.13	cps
Gadolinium	160-2	47012	45922	46407	46447	1.18	cps
Holmium	165-1	11092378	11412008	11471503	11325296	1.80	cps
Holmium	165-2	7733344	7786949	7774959	7765084	0.36	cps
Indium	115-1	8892518	9127636	9126888	9049014	1.50	cps
Indium	115-2	3104885	3083125	3087035	3091681	0.38	cps
Iron	56-2	379901234	374548888	375524008	376658043	0.76	cps
Iron	57-2	9202669	9237876	9180680	9207075	0.31	cps
Iron	54-2	20725643	20835725	20485308	20682225	0.87	cps
Krypton	83-1	390	420	443	418	6.40	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1179090	1220276	1207808	1202391	1.76	cps
Lead	207-1	1117333	1138305	1144160	1133266	1.24	cps
Lead	208-1	5174538	5286243	5269617	5243466	1.15	cps
Lithium	6-1	1540887	1594982	1538777	1558216	2.04	cps
Magnesium	24-2	4361281	4341241	4266845	4323122	1.15	cps
Manganese	55-2	3753683	3677567	3701588	3710946	1.05	cps
Molybdenum	94-1	70468	73101	73540	72370	2.30	cps
Molybdenum	95-1	8229	8553	8269	8350	2.11	cps
Molybdenum	96-1	23482	23446	23576	23501	0.29	cps
Molybdenum	97-1	5014	5054	5108	5059	0.93	cps
Molybdenum	98-1	12846	13269	13383	13166	2.15	cps
Neodymium	150-1	116621	119976	118016	118204	1.43	cps
Neodymium	150-2	67209	68298	68579	68029	1.06	cps
Nickel	60-2	59962	59494	59584	59680	0.42	cps
Phosphorus	31-2	33436	32388	32939	32921	1.59	cps
Potassium	39-2	3736428	3686881	3726819	3716709	0.71	cps
Rhodium	103-1	8525168	8686091	8650931	8620730	0.98	cps
Rhodium	103-2	5413790	5361068	5418545	5397801	0.59	cps
Scandium	45-1	5828437	5898997	5927446	5884960	0.87	cps
Scandium	45-2	542203	541996	537268	540489	0.52	cps
Selenium	82-1	761	723	752	745	2.62	cps
Selenium	77-2	280	263	260	268	4.00	cps
Selenium	78-2	500	603	527	543	9.87	cps
Silicon	28-1	33833680	34853233	35061440	34582784	1.90	cps
Silver	107-1	10604	11361	11228	11064	3.65	cps
Silver	109-1	10060	10347	10571	10326	2.48	cps
Sodium	23-2	205002	204648	204806	204819	0.09	cps
Strontium	86-1	191308	198019	198499	195942	2.05	cps
Strontium	88-1	1668816	1702758	1700994	1690856	1.13	cps
Sulfur	34-1	219250	218182	217387	218273	0.43	cps
Terbium	159-1	11433709	11706934	11827294	11655979	1.73	cps
Terbium	159-2	7671231	7810049	7640436	7707239	1.17	cps
Thallium	203-1	2914	3124	3147	3061	4.20	cps
Thallium	205-1	7065	7309	7335	7236	2.06	cps
Tin	118-1	23816	24184	24214	24071	0.92	cps
Titanium	47-1	2809925	2886107	2896138	2864056	1.65	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-15	Instrumnet Name :	P7
Client Sample ID :	MYDAE5	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:25:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32008	33285	33789	33028	2.78	cps
Vanadium	51-2	797499	789700	785108	790769	0.79	cps
Yttrium	89-1	16199558	16557811	16423841	16393737	1.10	cps
Yttrium	89-2	4062002	4142713	4091753	4098823	1.00	cps
Zinc	66-2	431340	433588	429909	431612	0.43	cps
Zirconium	90-1	182027	188594	187615	186078	1.90	cps
Zirconium	91-1	39440	41141	41522	40701	2.72	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7692222	7683207	7720929	7698786	0.26	cps
Antimony	121-1	13937	14134	14801	14291	3.17	cps
Arsenic	75-2	58036	56698	56768	57167	1.32	cps
Barium	135-1	834696	855739	865543	851993	1.85	cps
Barium	137-1	1437052	1492899	1494835	1474928	2.22	cps
Beryllium	9-1	2350	2427	2424	2400	1.81	cps
Bismuth	209-1	6836950	7062115	7077412	6992159	1.93	cps
Bismuth	209-2	5445626	5415511	5398591	5419910	0.44	cps
Bromine	81-1	11078	11394	11388	11287	1.60	cps
Bromine	81-2	600	640	743	661	11.19	cps
Cadmium	108-1	297	310	323	310	4.30	cps
Cadmium	106-1	3414	3500	3344	3419	2.30	cps
Cadmium	111-1	5139	5254	5118	5170	1.41	cps
Calcium	43-1	383567	397198	403405	394723	2.57	cps
Calcium	44-1	5809750	6023068	5984017	5938945	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	187898	187240	186173	187104	0.47	cps
Cobalt	59-2	247113	248277	248399	247930	0.29	cps
Copper	63-2	473734	476291	475218	475081	0.27	cps
Dysprosium	156-1	74553	77033	77703	76430	2.17	cps
Dysprosium	156-2	61939	62810	62930	62560	0.86	cps
Erbium	164-1	64022	65539	65707	65090	1.43	cps
Erbium	164-2	43273	44136	43802	43737	0.99	cps
Gadolinium	160-1	72292	73217	74095	73201	1.23	cps
Gadolinium	160-2	52036	52598	52819	52484	0.77	cps
Holmium	165-1	11202867	11612016	11406364	11407083	1.79	cps
Holmium	165-2	7863583	7758012	7780487	7800694	0.71	cps
Indium	115-1	8842345	9163475	9249265	9085028	2.36	cps
Indium	115-2	3084974	3088730	3132290	3101998	0.85	cps
Iron	56-2	315414289	315485929	313200575	314700264	0.41	cps
Iron	57-2	7736739	7790209	7717449	7748132	0.49	cps
Iron	54-2	17311557	17345071	17255786	17304138	0.26	cps
Krypton	83-1	400	430	363	398	8.39	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	495792	510794	511932	506173	1.78	cps
Lead	207-1	455393	471856	473540	466930	2.15	cps
Lead	208-1	2031274	2080659	2092650	2068194	1.57	cps
Lithium	6-1	1521517	1567030	1583454	1557333	2.06	cps
Magnesium	24-2	5337646	5344114	5347614	5343125	0.09	cps
Manganese	55-2	5418560	5416548	5444236	5426448	0.28	cps
Molybdenum	94-1	51112	51915	52457	51828	1.31	cps
Molybdenum	95-1	6692	7005	6905	6867	2.33	cps
Molybdenum	96-1	17891	18395	18819	18368	2.53	cps
Molybdenum	97-1	4397	4284	4217	4300	2.12	cps
Molybdenum	98-1	10174	11081	10761	10672	4.31	cps
Neodymium	150-1	133663	136345	138619	136209	1.82	cps
Neodymium	150-2	77937	78406	78775	78373	0.54	cps
Nickel	60-2	67936	67528	68288	67917	0.56	cps
Phosphorus	31-2	30871	31937	31502	31437	1.70	cps
Potassium	39-2	4709427	4796834	4766938	4757733	0.93	cps
Rhodium	103-1	8487481	8785939	8749568	8674330	1.88	cps
Rhodium	103-2	5350716	5279817	5442915	5357816	1.53	cps
Scandium	45-1	5796316	5951872	6016462	5921550	1.91	cps
Scandium	45-2	538360	542419	539161	539980	0.40	cps
Selenium	82-1	583	671	735	663	11.56	cps
Selenium	77-2	330	297	300	309	5.94	cps
Selenium	78-2	603	600	590	598	1.16	cps
Silicon	28-1	34863127	36041104	36287248	35730493	2.13	cps
Silver	107-1	4981	5248	4968	5065	3.12	cps
Silver	109-1	4227	4918	4481	4542	7.69	cps
Sodium	23-2	214983	217203	217478	216555	0.63	cps
Strontium	86-1	230289	237622	240730	236214	2.27	cps
Strontium	88-1	2010803	2072488	2072786	2052026	1.74	cps
Sulfur	34-1	227529	226247	228882	227552	0.58	cps
Terbium	159-1	11275757	11712341	11805813	11597971	2.44	cps
Terbium	159-2	7747597	7731918	7827981	7769165	0.66	cps
Thallium	203-1	2654	3040	2977	2890	7.18	cps
Thallium	205-1	6488	6715	7042	6748	4.12	cps
Tin	118-1	17794	18358	18138	18097	1.57	cps
Titanium	47-1	2020003	2068344	2055947	2048098	1.23	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-16	Instrumnet Name :	P7
Client Sample ID :	MYDAE6	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:28:48	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29777	30903	30886	30522	2.11	cps
Vanadium	51-2	565582	568130	566543	566752	0.23	cps
Yttrium	89-1	16072516	16641652	16536993	16417054	1.85	cps
Yttrium	89-2	4199754	4151272	4145175	4165400	0.72	cps
Zinc	66-2	276060	275276	273657	274997	0.45	cps
Zirconium	90-1	129444	134724	134839	133002	2.32	cps
Zirconium	91-1	28828	29800	30896	29841	3.47	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12619460	12733551	12584871	12645961	0.62	cps
Antimony	121-1	10074	9934	10140	10049	1.05	cps
Arsenic	75-2	46733	46931	47024	46896	0.32	cps
Barium	135-1	1046936	1066891	1075042	1062956	1.36	cps
Barium	137-1	1887879	1921425	1925223	1911509	1.08	cps
Beryllium	9-1	3107	3270	3260	3213	2.85	cps
Bismuth	209-1	7029961	6914183	7127631	7023925	1.52	cps
Bismuth	209-2	5429102	5461298	5485648	5458682	0.52	cps
Bromine	81-1	13129	13183	13733	13348	2.50	cps
Bromine	81-2	1103	1147	1037	1096	5.06	cps
Cadmium	108-1	373	283	340	332	13.70	cps
Cadmium	106-1	3897	3874	3757	3843	1.95	cps
Cadmium	111-1	4530	4530	4582	4548	0.66	cps
Calcium	43-1	1259582	1314714	1301258	1291851	2.23	cps
Calcium	44-1	20863565	21240087	21307086	21136913	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	394078	392434	395311	393941	0.37	cps
Cobalt	59-2	310884	310454	308030	309789	0.50	cps
Copper	63-2	545608	542792	545963	544788	0.32	cps
Dysprosium	156-1	108384	109977	111680	110014	1.50	cps
Dysprosium	156-2	91277	90882	91207	91122	0.23	cps
Erbium	164-1	91769	94702	95044	93838	1.92	cps
Erbium	164-2	63440	63661	64418	63839	0.80	cps
Gadolinium	160-1	105769	107368	109511	107549	1.75	cps
Gadolinium	160-2	76862	77851	77691	77468	0.69	cps
Holmium	165-1	11334212	11335222	11777445	11482293	2.23	cps
Holmium	165-2	7795452	7868596	7993802	7885950	1.27	cps
Indium	115-1	8996726	9045557	9431867	9158050	2.60	cps
Indium	115-2	3147088	3173632	3170785	3163835	0.46	cps
Iron	56-2	361618088	359577061	362696101	361297084	0.44	cps
Iron	57-2	8911722	8920232	8920846	8917600	0.06	cps
Iron	54-2	19948153	19956900	19890769	19931941	0.18	cps
Krypton	83-1	433	500	400	444	11.46	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	404219	408569	410119	407636	0.75	cps
Lead	207-1	358267	361897	367208	362457	1.24	cps
Lead	208-1	1619987	1625131	1650859	1631992	1.01	cps
Lithium	6-1	1526670	1548226	1597757	1557551	2.34	cps
Magnesium	24-2	8474469	8455314	8407374	8445719	0.41	cps
Manganese	55-2	6483609	6445335	6518881	6482608	0.57	cps
Molybdenum	94-1	88016	89116	90692	89274	1.51	cps
Molybdenum	95-1	6431	6918	6755	6702	3.70	cps
Molybdenum	96-1	24400	25289	24838	24842	1.79	cps
Molybdenum	97-1	3927	4231	4087	4082	3.72	cps
Molybdenum	98-1	10170	10374	10360	10302	1.10	cps
Neodymium	150-1	195832	198477	201168	198493	1.34	cps
Neodymium	150-2	114547	113875	115035	114486	0.51	cps
Nickel	60-2	121571	121635	121554	121587	0.03	cps
Phosphorus	31-2	37319	37763	37556	37546	0.59	cps
Potassium	39-2	4536800	4585025	4553861	4558562	0.54	cps
Rhodium	103-1	8531730	8570750	8750744	8617741	1.36	cps
Rhodium	103-2	5403965	5432476	5490287	5442243	0.81	cps
Scandium	45-1	5996128	6048134	6243993	6096085	2.14	cps
Scandium	45-2	552267	560444	556038	556250	0.74	cps
Selenium	82-1	693	628	791	704	11.66	cps
Selenium	77-2	427	477	410	438	7.93	cps
Selenium	78-2	573	687	630	630	8.99	cps
Silicon	28-1	41303681	42133344	42538623	41991882	1.50	cps
Silver	107-1	3797	3961	4137	3965	4.29	cps
Silver	109-1	3457	3600	3671	3576	3.04	cps
Sodium	23-2	230959	233125	233336	232473	0.57	cps
Strontium	86-1	325353	336072	337301	332909	1.97	cps
Strontium	88-1	2833465	2892530	2881827	2869274	1.10	cps
Sulfur	34-1	239560	248658	248590	245602	2.13	cps
Terbium	159-1	11688889	11714820	12055829	11819846	1.73	cps
Terbium	159-2	7750394	7931405	7815062	7832287	1.17	cps
Thallium	203-1	2997	3180	3124	3100	3.03	cps
Thallium	205-1	7269	7219	7746	7411	3.93	cps
Tin	118-1	19971	19880	20191	20014	0.80	cps
Titanium	47-1	1770745	1825533	1849080	1815119	2.21	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-17	Instrumnet Name :	P7
Client Sample ID :	MYDAE8	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:32:01	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36734	37897	38098	37576	1.96	cps
Vanadium	51-2	648528	648142	651212	649294	0.26	cps
Yttrium	89-1	16605723	16848524	17547945	17000731	2.88	cps
Yttrium	89-2	4316672	4281427	4312042	4303380	0.45	cps
Zinc	66-2	226231	225697	225325	225751	0.20	cps
Zirconium	90-1	231412	236064	238651	235376	1.56	cps
Zirconium	91-1	51289	52651	53079	52340	1.79	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7256896	7240527	7147598	7215007	0.82	cps
Antimony	121-1	15008	15515	15332	15285	1.68	cps
Arsenic	75-2	36010	36615	35786	36137	1.19	cps
Barium	135-1	628865	635728	639488	634694	0.85	cps
Barium	137-1	1082441	1111878	1111075	1101798	1.52	cps
Beryllium	9-1	2304	2434	2354	2364	2.78	cps
Bismuth	209-1	7008420	7033561	7152356	7064779	1.09	cps
Bismuth	209-2	5392264	5488332	5523255	5467951	1.24	cps
Bromine	81-1	9747	9807	9817	9790	0.39	cps
Bromine	81-2	380	473	357	403	15.31	cps
Cadmium	108-1	200	223	287	237	18.95	cps
Cadmium	106-1	3931	3671	3577	3726	4.92	cps
Cadmium	111-1	3475	3263	3157	3298	4.91	cps
Calcium	43-1	1109206	1140756	1145537	1131833	1.74	cps
Calcium	44-1	16674599	17067749	17186188	16976179	1.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	238835	239014	236844	238231	0.51	cps
Cobalt	59-2	337512	336204	336940	336885	0.19	cps
Copper	63-2	419471	419590	417159	418740	0.33	cps
Dysprosium	156-1	77587	79698	79219	78834	1.40	cps
Dysprosium	156-2	65525	65863	66222	65870	0.53	cps
Erbium	164-1	66387	69505	68142	68011	2.30	cps
Erbium	164-2	45724	45751	45531	45669	0.26	cps
Gadolinium	160-1	73210	74276	75049	74178	1.25	cps
Gadolinium	160-2	54854	54278	54683	54605	0.54	cps
Holmium	165-1	11338825	11761890	11641316	11580677	1.88	cps
Holmium	165-2	7873934	8184013	7894770	7984239	2.17	cps
Indium	115-1	9196348	9187044	9211532	9198308	0.13	cps
Indium	115-2	3137584	3167313	3197852	3167583	0.95	cps
Iron	56-2	406473167	405241607	405694581	405803118	0.15	cps
Iron	57-2	10026596	10005573	9982418	10004862	0.22	cps
Iron	54-2	22274874	22295624	22148241	22239580	0.36	cps
Krypton	83-1	353	417	413	394	9.04	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	218555	226661	227850	224355	2.25	cps
Lead	207-1	186788	190341	191858	189662	1.37	cps
Lead	208-1	852564	878884	877912	869787	1.72	cps
Lithium	6-1	1551141	1595304	1592615	1579686	1.57	cps
Magnesium	24-2	5524305	5585401	5520856	5543521	0.66	cps
Manganese	55-2	4529839	4510818	4482712	4507790	0.53	cps
Molybdenum	94-1	87328	89960	88881	88723	1.49	cps
Molybdenum	95-1	8166	8476	8706	8449	3.21	cps
Molybdenum	96-1	26006	26845	26938	26596	1.93	cps
Molybdenum	97-1	5151	5438	5241	5277	2.78	cps
Molybdenum	98-1	13530	13643	13737	13636	0.76	cps
Neodymium	150-1	134650	139192	138055	137299	1.72	cps
Neodymium	150-2	78896	78822	78393	78703	0.35	cps
Nickel	60-2	78926	78849	78329	78702	0.41	cps
Phosphorus	31-2	33440	33807	33533	33593	0.57	cps
Potassium	39-2	2634925	2684607	2660879	2660137	0.93	cps
Rhodium	103-1	8577066	8796238	8754042	8709116	1.34	cps
Rhodium	103-2	5481672	5584731	5551045	5539149	0.95	cps
Scandium	45-1	5980418	6007830	6011235	5999828	0.28	cps
Scandium	45-2	550553	551162	549501	550405	0.15	cps
Selenium	82-1	720	686	609	671	8.44	cps
Selenium	77-2	277	293	267	279	4.83	cps
Selenium	78-2	560	623	553	579	6.67	cps
Silicon	28-1	33044264	34113548	34135571	33764461	1.85	cps
Silver	107-1	903	870	933	902	3.51	cps
Silver	109-1	660	653	647	653	1.02	cps
Sodium	23-2	217586	216138	216368	216697	0.36	cps
Strontium	86-1	266038	273422	276107	271856	1.92	cps
Strontium	88-1	2300708	2340230	2355445	2332128	1.21	cps
Sulfur	34-1	237747	241083	240449	239760	0.74	cps
Terbium	159-1	11842109	11726386	11699197	11755898	0.65	cps
Terbium	159-2	8003283	7910130	7862418	7925277	0.90	cps
Thallium	203-1	2044	2007	2070	2040	1.56	cps
Thallium	205-1	4738	4584	4634	4652	1.68	cps
Tin	118-1	21987	22564	22821	22458	1.90	cps
Titanium	47-1	2780654	2868297	2845416	2831456	1.61	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-18	Instrumnet Name :	P7
Client Sample ID :	MYDAE9	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:35:10	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29326	29850	30365	29847	1.74	cps
Vanadium	51-2	886827	890592	890280	889233	0.23	cps
Yttrium	89-1	16598664	16963665	16999481	16853937	1.32	cps
Yttrium	89-2	4239775	4228608	4237835	4235406	0.14	cps
Zinc	66-2	129775	129804	129859	129813	0.03	cps
Zirconium	90-1	226368	232048	234365	230927	1.78	cps
Zirconium	91-1	50302	51413	51661	51125	1.41	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9498650	9467343	9512690	9492894	0.24	cps
Antimony	121-1	14734	14921	15602	15086	3.03	cps
Arsenic	75-2	42822	44152	42715	43229	1.85	cps
Barium	135-1	777235	805000	800022	794086	1.86	cps
Barium	137-1	1339708	1378168	1388021	1368632	1.87	cps
Beryllium	9-1	2777	2840	2757	2791	1.56	cps
Bismuth	209-1	7008004	7044279	7180639	7077641	1.29	cps
Bismuth	209-2	5370870	5383794	5510747	5421803	1.43	cps
Bromine	81-1	10684	11331	11071	11029	2.95	cps
Bromine	81-2	673	560	717	650	12.45	cps
Cadmium	108-1	310	280	290	293	5.21	cps
Cadmium	106-1	3981	3721	3734	3812	3.84	cps
Cadmium	111-1	4326	4118	4041	4162	3.55	cps
Calcium	43-1	1112235	1143551	1156244	1137344	1.99	cps
Calcium	44-1	16762374	17307152	17175395	17081640	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	303922	301056	302238	302405	0.48	cps
Cobalt	59-2	317618	316813	318937	317789	0.34	cps
Copper	63-2	455752	455899	456532	456061	0.09	cps
Dysprosium	156-1	97636	100352	101376	99788	1.94	cps
Dysprosium	156-2	81780	82350	83603	82578	1.13	cps
Erbium	164-1	79595	80296	81827	80573	1.42	cps
Erbium	164-2	54158	53930	54037	54042	0.21	cps
Gadolinium	160-1	90822	91966	92154	91647	0.79	cps
Gadolinium	160-2	66279	65797	65991	66022	0.37	cps
Holmium	165-1	11382022	11432309	11650543	11488291	1.24	cps
Holmium	165-2	8001809	7856358	7931104	7929757	0.92	cps
Indium	115-1	9111139	9161062	9399236	9223813	1.67	cps
Indium	115-2	3189363	3098577	3167759	3151900	1.50	cps
Iron	56-2	399851034	399147821	397890287	398963047	0.25	cps
Iron	57-2	9841254	9815171	9828220	9828215	0.13	cps
Iron	54-2	21892967	21734113	21650152	21759077	0.57	cps
Krypton	83-1	417	487	413	439	9.44	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	370398	379454	385164	378339	1.97	cps
Lead	207-1	329864	334328	337368	333853	1.13	cps
Lead	208-1	1475592	1512113	1519529	1502411	1.57	cps
Lithium	6-1	1567972	1617707	1591897	1592525	1.56	cps
Magnesium	24-2	6529650	6614117	6591254	6578340	0.66	cps
Manganese	55-2	5341871	5355057	5364746	5353892	0.21	cps
Molybdenum	94-1	80235	81971	82735	81647	1.57	cps
Molybdenum	95-1	7739	7549	7839	7709	1.91	cps
Molybdenum	96-1	24634	24935	24991	24853	0.77	cps
Molybdenum	97-1	4564	4584	4587	4579	0.28	cps
Molybdenum	98-1	11685	11922	12205	11937	2.18	cps
Neodymium	150-1	174186	179808	181807	178600	2.21	cps
Neodymium	150-2	101102	102315	101545	101654	0.60	cps
Nickel	60-2	96541	95491	94877	95637	0.88	cps
Phosphorus	31-2	36387	36413	36203	36334	0.32	cps
Potassium	39-2	3834079	3814239	3825185	3824501	0.26	cps
Rhodium	103-1	8688073	8725532	8766885	8726830	0.45	cps
Rhodium	103-2	5453846	5314907	5449898	5406217	1.46	cps
Scandium	45-1	5925484	6072224	6080408	6026039	1.45	cps
Scandium	45-2	551285	552133	550324	551247	0.16	cps
Selenium	82-1	704	623	677	668	6.17	cps
Selenium	77-2	390	367	333	363	7.84	cps
Selenium	78-2	583	573	617	591	3.84	cps
Silicon	28-1	39681445	40506257	40903589	40363764	1.54	cps
Silver	107-1	2540	2584	2624	2582	1.61	cps
Silver	109-1	2367	2540	2447	2451	3.54	cps
Sodium	23-2	212043	211732	213722	212499	0.50	cps
Strontium	86-1	256537	264062	267135	262578	2.08	cps
Strontium	88-1	2263736	2302654	2321576	2295989	1.28	cps
Sulfur	34-1	263316	263957	261461	262911	0.49	cps
Terbium	159-1	11928070	11892581	11909274	11909975	0.15	cps
Terbium	159-2	7795027	7797318	7793450	7795265	0.02	cps
Thallium	203-1	2604	2754	2760	2706	3.27	cps
Thallium	205-1	6125	6448	6191	6255	2.73	cps
Tin	118-1	16913	17437	17494	17282	1.85	cps
Titanium	47-1	2214855	2267036	2277903	2253265	1.50	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-19	Instrumnet Name :	P7
Client Sample ID :	MYDAF0	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:38:25	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30883	31491	32326	31566	2.30	cps
Vanadium	51-2	855504	855376	857035	855972	0.11	cps
Yttrium	89-1	16914091	17032949	17150616	17032552	0.69	cps
Yttrium	89-2	4189973	4256762	4287132	4244622	1.17	cps
Zinc	66-2	195576	196951	195745	196091	0.38	cps
Zirconium	90-1	208826	215416	217261	213834	2.07	cps
Zirconium	91-1	46263	48476	48483	47741	2.68	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10350647	10552071	10546950	10483223	1.10	cps
Antimony	121-1	8066	8493	8923	8494	5.05	cps
Arsenic	75-2	40415	39579	40174	40056	1.07	cps
Barium	135-1	897038	929660	930632	919110	2.08	cps
Barium	137-1	1605801	1656227	1654479	1638836	1.75	cps
Beryllium	9-1	2807	2820	2774	2800	0.86	cps
Bismuth	209-1	7095497	7104238	7068463	7089400	0.26	cps
Bismuth	209-2	5488936	5616139	5515867	5540314	1.21	cps
Bromine	81-1	13133	13636	13496	13422	1.94	cps
Bromine	81-2	1037	980	1073	1030	4.57	cps
Cadmium	108-1	320	303	330	318	4.24	cps
Cadmium	106-1	3941	3614	3764	3773	4.34	cps
Cadmium	111-1	4695	4247	4434	4459	5.04	cps
Calcium	43-1	476992	486478	493682	485717	1.72	cps
Calcium	44-1	7204235	7374652	7305086	7294658	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	246685	247753	248197	247545	0.31	cps
Cobalt	59-2	273283	272038	269473	271598	0.72	cps
Copper	63-2	479598	483110	481517	481408	0.37	cps
Dysprosium	156-1	91241	91264	93566	92024	1.45	cps
Dysprosium	156-2	74670	75434	75783	75296	0.76	cps
Erbium	164-1	77959	78764	80309	79011	1.51	cps
Erbium	164-2	52766	54164	54124	53685	1.48	cps
Gadolinium	160-1	88031	88980	90027	89013	1.12	cps
Gadolinium	160-2	63942	65338	64685	64655	1.08	cps
Holmium	165-1	11548061	11402133	11734344	11561512	1.44	cps
Holmium	165-2	7876908	7957601	7935317	7923275	0.53	cps
Indium	115-1	9224160	9126923	9366042	9239042	1.30	cps
Indium	115-2	3132296	3181326	3219902	3177841	1.38	cps
Iron	56-2	314938829	314884022	319911382	316578078	0.91	cps
Iron	57-2	7756796	7884528	7916223	7852516	1.07	cps
Iron	54-2	17424955	17273494	17503819	17400756	0.67	cps
Krypton	83-1	437	417	477	443	6.89	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	364325	371571	374767	370221	1.45	cps
Lead	207-1	323902	336528	336780	332403	2.22	cps
Lead	208-1	1461285	1496748	1507365	1488466	1.62	cps
Lithium	6-1	1568476	1619357	1595036	1594290	1.60	cps
Magnesium	24-2	6530223	6678805	6629694	6612907	1.14	cps
Manganese	55-2	5836036	5858632	5929440	5874703	0.83	cps
Molybdenum	94-1	73501	74716	75734	74650	1.50	cps
Molybdenum	95-1	5875	5745	5808	5809	1.12	cps
Molybdenum	96-1	20852	21312	21509	21224	1.59	cps
Molybdenum	97-1	3530	3671	3610	3604	1.95	cps
Molybdenum	98-1	8933	9366	9753	9351	4.39	cps
Neodymium	150-1	159329	164205	163958	162497	1.69	cps
Neodymium	150-2	92357	92672	93041	92690	0.37	cps
Nickel	60-2	86856	86766	87919	87180	0.74	cps
Phosphorus	31-2	27021	27198	27224	27147	0.41	cps
Potassium	39-2	5040279	5115012	5095171	5083488	0.76	cps
Rhodium	103-1	8570241	8738182	8656966	8655130	0.97	cps
Rhodium	103-2	5368121	5386087	5455600	5403269	0.86	cps
Scandium	45-1	5975639	6030140	6100042	6035274	1.03	cps
Scandium	45-2	549256	550796	554958	551670	0.53	cps
Selenium	82-1	603	660	543	602	9.70	cps
Selenium	77-2	367	313	320	333	8.72	cps
Selenium	78-2	617	570	653	613	6.81	cps
Silicon	28-1	41236609	42089198	41347503	41557770	1.12	cps
Silver	107-1	3434	3747	3534	3572	4.48	cps
Silver	109-1	3330	3140	3364	3278	3.68	cps
Sodium	23-2	211174	213736	215949	213620	1.12	cps
Strontium	86-1	257492	266844	264095	262810	1.83	cps
Strontium	88-1	2225188	2305338	2304902	2278476	2.03	cps
Sulfur	34-1	228900	219983	215277	221387	3.13	cps
Terbium	159-1	11548944	11695986	11871345	11705425	1.38	cps
Terbium	159-2	7747747	7780381	7910919	7813016	1.11	cps
Thallium	203-1	3010	3037	3087	3045	1.28	cps
Thallium	205-1	7189	7399	7872	7487	4.68	cps
Tin	118-1	24220	24761	24948	24643	1.53	cps
Titanium	47-1	2154698	2223753	2223512	2200654	1.81	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-20	Instrumnet Name :	P7
Client Sample ID :	MYDAF1	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:41:36	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35140	35738	35955	35611	1.19	cps
Vanadium	51-2	546618	552863	552962	550814	0.66	cps
Yttrium	89-1	16500868	16943581	16965035	16803161	1.56	cps
Yttrium	89-2	4200243	4279568	4282715	4254175	1.10	cps
Zinc	66-2	214924	214210	213804	214313	0.26	cps
Zirconium	90-1	191943	198671	201665	197427	2.52	cps
Zirconium	91-1	42261	44474	44006	43580	2.68	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12802717	12690396	12561243	12684785	0.95	cps
Antimony	121-1	4982586	5112320	5108094	5067667	1.45	cps
Arsenic	75-2	280283	281160	283392	281612	0.57	cps
Barium	135-1	6678841	6695295	6812736	6728957	1.09	cps
Barium	137-1	11468715	11693352	11654384	11605484	1.03	cps
Beryllium	9-1	872869	882222	886841	880644	0.81	cps
Bismuth	209-1	6325266	6390283	6449327	6388292	0.97	cps
Bismuth	209-2	4911070	5055360	5109388	5025272	2.04	cps
Bromine	81-1	8686	8446	8623	8585	1.45	cps
Bromine	81-2	107	103	110	107	3.13	cps
Cadmium	108-1	97807	98814	98293	98305	0.51	cps
Cadmium	106-1	139748	142588	144089	142142	1.55	cps
Cadmium	111-1	1327491	1350203	1359997	1345897	1.24	cps
Calcium	43-1	7495967	7559684	7567479	7541044	0.52	cps
Calcium	44-1	120671172	120933315	122042188	121215558	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2356615	2324466	2357417	2346166	0.80	cps
Cobalt	59-2	3849141	3872409	3899150	3873567	0.65	cps
Copper	63-2	26664608	26658962	26702558	26675376	0.09	cps
Dysprosium	156-1	480	503	523	502	4.32	cps
Dysprosium	156-2	473	453	453	460	2.51	cps
Erbium	164-1	247	283	323	284	13.48	cps
Erbium	164-2	157	227	200	194	18.17	cps
Gadolinium	160-1	297	247	190	244	21.83	cps
Gadolinium	160-2	420	380	427	409	6.17	cps
Holmium	165-1	11001028	10992774	11077109	11023637	0.42	cps
Holmium	165-2	7703282	7798731	7741027	7747680	0.62	cps
Indium	115-1	8410865	8474983	8419474	8435107	0.41	cps
Indium	115-2	2963895	2988777	2921153	2957942	1.16	cps
Iron	56-2	501171339	502803793	500968046	501647726	0.20	cps
Iron	57-2	12422119	12463782	12405344	12430415	0.24	cps
Iron	54-2	27513486	27464424	27566823	27514911	0.19	cps
Krypton	83-1	287	267	307	287	6.98	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19230726	19239521	19203446	19224564	0.10	cps
Lead	207-1	16994571	17109291	17202856	17102239	0.61	cps
Lead	208-1	77150191	77416372	78169699	77578754	0.68	cps
Lithium	6-1	1512452	1495085	1555951	1521163	2.06	cps
Magnesium	24-2	107589685	107688738	107593522	107623982	0.05	cps
Manganese	55-2	17014299	16812696	16782717	16869904	0.75	cps
Molybdenum	94-1	19905355	20140731	20275223	20107103	0.93	cps
Molybdenum	95-1	29502509	29947300	29763062	29737624	0.75	cps
Molybdenum	96-1	31991059	32220461	32245101	32152207	0.44	cps
Molybdenum	97-1	18280408	18515132	18654766	18483435	1.02	cps
Molybdenum	98-1	46981754	47591568	47572584	47381969	0.73	cps
Neodymium	150-1	350	363	420	378	9.84	cps
Neodymium	150-2	113	130	97	113	14.70	cps
Nickel	60-2	967066	958553	962183	962601	0.44	cps
Phosphorus	31-2	137844	137511	134864	136740	1.19	cps
Potassium	39-2	65573052	65897279	65886297	65785543	0.28	cps
Rhodium	103-1	7714712	7725081	7782751	7740848	0.47	cps
Rhodium	103-2	4898424	5027625	4828612	4918220	2.05	cps
Scandium	45-1	5445854	5391298	5422871	5420008	0.51	cps
Scandium	45-2	503896	501014	498805	501238	0.51	cps
Selenium	82-1	80073	80747	81107	80642	0.65	cps
Selenium	77-2	8199	7962	7912	8024	1.91	cps
Selenium	78-2	26848	27192	27078	27039	0.65	cps
Silicon	28-1	22718900	22822851	23137299	22893017	0.95	cps
Silver	107-1	6222602	6317711	6370333	6303549	1.19	cps
Silver	109-1	5839384	5850435	5961297	5883705	1.15	cps
Sodium	23-2	184052044	184890164	183979224	184307144	0.27	cps
Strontium	86-1	42630858	42742584	43261059	42878167	0.78	cps
Strontium	88-1	371858101	373286061	377028434	374057532	0.71	cps
Sulfur	34-1	701796	706101	703990	703962	0.31	cps
Terbium	159-1	11151304	11229134	11262670	11214369	0.51	cps
Terbium	159-2	7660434	7604441	7627987	7630954	0.37	cps
Thallium	203-1	4774027	4886346	4875726	4845366	1.28	cps
Thallium	205-1	11450629	11643101	11380430	11491386	1.18	cps
Tin	118-1	4249887	4317358	4314820	4294022	0.89	cps
Titanium	47-1	7925862	7972064	8080506	7992811	0.99	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV016	Instrumnet Name :	P7
Client Sample ID :	CCV016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:52:10	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15728436	15832342	15882279	15814353	0.50	cps
Vanadium	51-2	2082547	2085463	2092056	2086689	0.23	cps
Yttrium	89-1	14836434	14792239	14656541	14761738	0.64	cps
Yttrium	89-2	3856271	3822297	3788699	3822422	0.88	cps
Zinc	66-2	4087842	4124539	4162955	4125112	0.91	cps
Zirconium	90-1	9241870	9354350	9326371	9307530	0.63	cps
Zirconium	91-1	2051061	2071129	2060507	2060899	0.49	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	607	607	750	654	12.65	cps
Antimony	121-1	2050	2370	2830	2417	16.23	cps
Arsenic	75-2	23	7	13	14	58.06	cps
Barium	135-1	243	227	197	222	10.64	cps
Barium	137-1	353	457	417	409	12.74	cps
Beryllium	9-1	87	153	63	101	46.20	cps
Bismuth	209-1	6957514	6999450	7068296	7008420	0.80	cps
Bismuth	209-2	5567813	5560300	5605441	5577852	0.43	cps
Bromine	81-1	9160	9250	8749	9053	2.95	cps
Bromine	81-2	187	143	160	163	13.38	cps
Cadmium	108-1	3	37	10	17	105.85	cps
Cadmium	106-1	2800	2827	2870	2833	1.25	cps
Cadmium	111-1	2021	2000	2059	2027	1.47	cps
Calcium	43-1	430	877	540	616	37.82	cps
Calcium	44-1	22521	27036	22661	24073	10.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1133	1033	1193	1120	7.22	cps
Cobalt	59-2	287	287	253	276	6.98	cps
Copper	63-2	2610	2677	2764	2684	2.87	cps
Dysprosium	156-1	240	197	200	212	11.36	cps
Dysprosium	156-2	37	53	53	48	20.13	cps
Erbium	164-1	97	153	70	107	39.90	cps
Erbium	164-2	30	53	50	44	28.39	cps
Gadolinium	160-1	70	80	83	78	8.92	cps
Gadolinium	160-2	287	270	300	286	5.26	cps
Holmium	165-1	11242270	11239526	11306589	11262795	0.34	cps
Holmium	165-2	7941550	7890042	7794746	7875446	0.95	cps
Indium	115-1	9042449	9097538	9128574	9089521	0.48	cps
Indium	115-2	3193911	3194490	3205602	3198001	0.21	cps
Iron	56-2	37026	38279	39860	38388	3.70	cps
Iron	57-2	2150	2184	2297	2210	3.48	cps
Iron	54-2	3140	3244	3260	3215	2.02	cps
Krypton	83-1	280	280	270	277	2.09	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1373	3538	1530	2147	56.22	cps
Lead	207-1	1490	3932	1363	2262	64.01	cps
Lead	208-1	6104	16669	6067	9614	63.56	cps
Lithium	6-1	1575794	1609607	1622346	1602582	1.50	cps
Magnesium	24-2	3190	3290	3771	3417	9.08	cps
Manganese	55-2	993	1027	1137	1052	7.13	cps
Molybdenum	94-1	1620	1687	1760	1689	4.15	cps
Molybdenum	95-1	930	1117	1083	1043	9.54	cps
Molybdenum	96-1	1187	1403	1247	1279	8.75	cps
Molybdenum	97-1	587	593	663	614	6.91	cps
Molybdenum	98-1	1540	1600	1743	1628	6.42	cps
Neodymium	150-1	10	10	37	19	81.51	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	247	233	197	226	11.48	cps
Phosphorus	31-2	137	177	123	146	19.07	cps
Potassium	39-2	68841	68459	69075	68792	0.45	cps
Rhodium	103-1	8575259	8596945	8674932	8615712	0.61	cps
Rhodium	103-2	5532079	5505516	5528728	5522107	0.26	cps
Scandium	45-1	5586499	5618479	5625738	5610239	0.37	cps
Scandium	45-2	514983	512955	515710	514550	0.28	cps
Selenium	82-1	448	441	465	451	2.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	343	317	367	342	7.31	cps
Silicon	28-1	285525	288146	290357	288009	0.84	cps
Silver	107-1	483	410	450	448	8.20	cps
Silver	109-1	343	327	420	363	13.70	cps
Sodium	23-2	55185	54145	55573	54968	1.34	cps
Strontium	86-1	1057	1407	1103	1189	15.99	cps
Strontium	88-1	5968	6827	5851	6215	8.57	cps
Sulfur	34-1	248161	250704	251765	250210	0.74	cps
Terbium	159-1	11426274	11576321	11487374	11496656	0.66	cps
Terbium	159-2	7668114	7824394	7835830	7776113	1.21	cps
Thallium	203-1	547	1541	437	842	72.30	cps
Thallium	205-1	1567	3338	1140	2015	57.84	cps
Tin	118-1	2400	2250	2494	2381	5.16	cps
Titanium	47-1	390	724	387	500	38.70	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB016	Instrumnet Name :	P7
Client Sample ID :	CCB016	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:56:29	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	263	1625	253	714	110.54	cps
Vanadium	51-2	87	77	80	81	6.28	cps
Yttrium	89-1	15117659	15234088	15460426	15270724	1.14	cps
Yttrium	89-2	4000266	3966113	3907247	3957876	1.19	cps
Zinc	66-2	643	820	790	751	12.59	cps
Zirconium	90-1	3147	3134	3200	3160	1.12	cps
Zirconium	91-1	653	720	670	681	5.09	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12456452	12414700	12483974	12451709	0.28	cps
Antimony	121-1	11555	11845	12072	11824	2.19	cps
Arsenic	75-2	55988	55527	55393	55636	0.56	cps
Barium	135-1	1062224	1094490	1094252	1083656	1.71	cps
Barium	137-1	1883846	1952867	1950642	1929118	2.03	cps
Beryllium	9-1	3227	3504	3527	3419	4.88	cps
Bismuth	209-1	6876701	6981177	6958471	6938783	0.79	cps
Bismuth	209-2	5438072	5535950	5542860	5505627	1.06	cps
Bromine	81-1	13683	14541	14764	14329	3.98	cps
Bromine	81-2	1267	1217	1233	1239	2.06	cps
Cadmium	108-1	333	370	463	389	17.23	cps
Cadmium	106-1	4257	4174	4114	4182	1.72	cps
Cadmium	111-1	5440	5313	5356	5370	1.21	cps
Calcium	43-1	506642	525486	526299	519476	2.14	cps
Calcium	44-1	7697804	7950376	7854848	7834343	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	279042	278009	278900	278650	0.20	cps
Cobalt	59-2	315070	313513	313038	313874	0.34	cps
Copper	63-2	590495	589628	592681	590935	0.27	cps
Dysprosium	156-1	101829	107434	107151	105471	2.99	cps
Dysprosium	156-2	88617	87446	88540	88201	0.74	cps
Erbium	164-1	87823	90866	91366	90019	2.13	cps
Erbium	164-2	61957	62030	62827	62271	0.77	cps
Gadolinium	160-1	100242	103858	103311	102470	1.90	cps
Gadolinium	160-2	74758	74701	75341	74933	0.47	cps
Holmium	165-1	11495713	11596271	11597529	11563171	0.51	cps
Holmium	165-2	8014219	7971403	8155666	8047096	1.20	cps
Indium	115-1	9220855	9252411	9280538	9251268	0.32	cps
Indium	115-2	3286992	3226021	3234678	3249230	1.02	cps
Iron	56-2	373268368	375394461	377554808	375405879	0.57	cps
Iron	57-2	9238888	9203498	9224183	9222190	0.19	cps
Iron	54-2	20544486	20679183	20777322	20666997	0.57	cps
Krypton	83-1	473	477	467	472	1.08	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	480714	496673	493251	490213	1.71	cps
Lead	207-1	436749	450127	448729	445201	1.65	cps
Lead	208-1	1959392	2008512	2009914	1992606	1.44	cps
Lithium	6-1	1626953	1621146	1613828	1620642	0.41	cps
Magnesium	24-2	7500225	7370238	7425491	7431984	0.88	cps
Manganese	55-2	7230792	7297761	7387079	7305211	1.07	cps
Molybdenum	94-1	91101	94737	95334	93724	2.44	cps
Molybdenum	95-1	6985	7155	7529	7223	3.85	cps
Molybdenum	96-1	25426	26284	26921	26210	2.86	cps
Molybdenum	97-1	4597	4414	4734	4582	3.51	cps
Molybdenum	98-1	10954	11448	11505	11302	2.68	cps
Neodymium	150-1	181089	186302	186717	184703	1.70	cps
Neodymium	150-2	109256	109222	109447	109308	0.11	cps
Nickel	60-2	99786	98732	99903	99474	0.65	cps
Phosphorus	31-2	30791	30273	30768	30611	0.95	cps
Potassium	39-2	6305596	6252796	6267102	6275165	0.44	cps
Rhodium	103-1	8706688	8845382	8796098	8782723	0.80	cps
Rhodium	103-2	5522447	5646806	5537465	5568906	1.22	cps
Scandium	45-1	6077045	6258260	6291627	6208977	1.86	cps
Scandium	45-2	575442	575415	575397	575418	0.00	cps
Selenium	82-1	683	725	732	713	3.67	cps
Selenium	77-2	403	420	377	400	5.46	cps
Selenium	78-2	637	677	673	662	3.35	cps
Silicon	28-1	41006683	42000655	42527759	41845032	1.85	cps
Silver	107-1	6155	5741	5701	5866	4.28	cps
Silver	109-1	5244	5158	4914	5105	3.35	cps
Sodium	23-2	244805	246022	245599	245476	0.25	cps
Strontium	86-1	310191	319711	321315	317072	1.90	cps
Strontium	88-1	2700171	2772824	2780221	2751072	1.61	cps
Sulfur	34-1	259349	248289	240808	249482	3.74	cps
Terbium	159-1	11766100	11826036	11816422	11802853	0.27	cps
Terbium	159-2	7954106	7862362	8034209	7950226	1.08	cps
Thallium	203-1	4361	4487	4514	4454	1.84	cps
Thallium	205-1	10391	10457	10391	10413	0.37	cps
Tin	118-1	20578	21620	21586	21261	2.78	cps
Titanium	47-1	2544700	2628858	2654502	2609354	2.20	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-21	Instrumnet Name :	P7
Client Sample ID :	MYDAF2	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 06:59:51	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42050	43671	43427	43049	2.03	cps
Vanadium	51-2	630004	630890	631927	630941	0.15	cps
Yttrium	89-1	17295020	17284000	17482346	17353788	0.64	cps
Yttrium	89-2	4466650	4443664	4453087	4454467	0.26	cps
Zinc	66-2	283144	280418	280606	281389	0.54	cps
Zirconium	90-1	241031	246218	250875	246042	2.00	cps
Zirconium	91-1	53286	55652	55799	54912	2.57	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9381713	9332238	9253853	9322601	0.69	cps
Antimony	121-1	9990	9797	9944	9910	1.02	cps
Arsenic	75-2	32482	33167	32743	32797	1.05	cps
Barium	135-1	775439	789632	796779	787283	1.38	cps
Barium	137-1	1341751	1375011	1379439	1365400	1.51	cps
Beryllium	9-1	2594	2647	2397	2546	5.17	cps
Bismuth	209-1	6961988	6979616	7130940	7024182	1.32	cps
Bismuth	209-2	5600946	5559947	5480091	5546995	1.11	cps
Bromine	81-1	12252	12022	12522	12265	2.04	cps
Bromine	81-2	680	787	737	734	7.27	cps
Cadmium	108-1	253	217	267	246	10.54	cps
Cadmium	106-1	3917	3837	3917	3891	1.19	cps
Cadmium	111-1	3755	3834	3782	3790	1.07	cps
Calcium	43-1	1415104	1464442	1449851	1443132	1.76	cps
Calcium	44-1	22986333	23830220	23816713	23544422	2.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297567	296147	293951	295889	0.62	cps
Cobalt	59-2	279193	279750	277390	278778	0.44	cps
Copper	63-2	412023	410301	412901	411742	0.32	cps
Dysprosium	156-1	87255	90720	90785	89587	2.25	cps
Dysprosium	156-2	75116	75944	74982	75347	0.69	cps
Erbium	164-1	74758	75050	75040	74949	0.22	cps
Erbium	164-2	51966	53639	52261	52622	1.70	cps
Gadolinium	160-1	84067	86082	86582	85577	1.56	cps
Gadolinium	160-2	62763	63121	62381	62755	0.59	cps
Holmium	165-1	11385949	11593811	11520171	11499977	0.92	cps
Holmium	165-2	8156505	8036656	7897820	8030327	1.61	cps
Indium	115-1	9301771	9457352	9383266	9380796	0.83	cps
Indium	115-2	3317013	3256291	3260968	3278091	1.03	cps
Iron	56-2	344721328	342080928	344588008	343796755	0.43	cps
Iron	57-2	8478306	8549073	8627690	8551690	0.87	cps
Iron	54-2	18919191	18958318	19009571	18962360	0.24	cps
Krypton	83-1	443	437	393	424	6.40	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	245868	247743	249356	247656	0.70	cps
Lead	207-1	207982	212836	212621	211146	1.30	cps
Lead	208-1	959259	974463	976118	969947	0.96	cps
Lithium	6-1	1581119	1576533	1596440	1584697	0.66	cps
Magnesium	24-2	6943567	6905179	6932637	6927128	0.29	cps
Manganese	55-2	5542809	5516405	5503312	5520842	0.36	cps
Molybdenum	94-1	66232	68479	68271	67661	1.84	cps
Molybdenum	95-1	7025	7285	7439	7250	2.88	cps
Molybdenum	96-1	21352	21469	21700	21507	0.82	cps
Molybdenum	97-1	4244	4451	4391	4362	2.44	cps
Molybdenum	98-1	11041	10971	11374	11129	1.94	cps
Neodymium	150-1	158989	161649	162361	161000	1.10	cps
Neodymium	150-2	93785	92289	93729	93268	0.91	cps
Nickel	60-2	96347	96981	97195	96841	0.46	cps
Phosphorus	31-2	46865	46400	46196	46487	0.74	cps
Potassium	39-2	4818429	4773470	4814785	4802228	0.52	cps
Rhodium	103-1	8957424	8920983	9005936	8961448	0.48	cps
Rhodium	103-2	5707845	5596627	5628804	5644425	1.01	cps
Scandium	45-1	6144957	6273381	6335071	6251136	1.55	cps
Scandium	45-2	584635	577820	573902	578786	0.94	cps
Selenium	82-1	731	637	754	707	8.70	cps
Selenium	77-2	303	290	323	306	5.49	cps
Selenium	78-2	550	620	563	578	6.43	cps
Silicon	28-1	39664688	40809813	41002407	40492302	1.79	cps
Silver	107-1	2584	2517	2684	2595	3.23	cps
Silver	109-1	2357	2204	2404	2321	4.51	cps
Sodium	23-2	251529	251311	256025	252955	1.05	cps
Strontium	86-1	281759	287846	289879	286495	1.47	cps
Strontium	88-1	2466160	2508399	2539181	2504580	1.46	cps
Sulfur	34-1	250216	257126	262210	256517	2.35	cps
Terbium	159-1	11681228	11841433	12056111	11859591	1.59	cps
Terbium	159-2	7941544	7967118	7883204	7930622	0.54	cps
Thallium	203-1	2794	2720	2524	2679	5.21	cps
Thallium	205-1	6438	6532	6738	6569	2.34	cps
Tin	118-1	20455	21162	21583	21067	2.71	cps
Titanium	47-1	2169957	2232013	2235810	2212593	1.67	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-22	Instrumnet Name :	P7
Client Sample ID :	MYDAF3	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:03:00	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29065	29673	30004	29581	1.61	cps
Vanadium	51-2	652851	647642	647315	649269	0.48	cps
Yttrium	89-1	17315022	17603290	17685029	17534447	1.11	cps
Yttrium	89-2	4499645	4409169	4428455	4445756	1.07	cps
Zinc	66-2	164269	161509	163737	163172	0.90	cps
Zirconium	90-1	173798	178750	180275	177608	1.91	cps
Zirconium	91-1	38149	39861	40262	39424	2.85	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5055356	5096754	5034874	5062328	0.62	cps
Antimony	121-1	6705	7072	7292	7023	4.22	cps
Arsenic	75-2	34016	34062	33601	33893	0.75	cps
Barium	135-1	160500	163780	164657	162979	1.34	cps
Barium	137-1	277100	284338	283088	281508	1.37	cps
Beryllium	9-1	490	547	577	538	8.18	cps
Bismuth	209-1	7140098	7200973	7130919	7157330	0.53	cps
Bismuth	209-2	5612351	5488561	5641113	5580675	1.45	cps
Bromine	81-1	10747	10257	10631	10545	2.43	cps
Bromine	81-2	337	353	363	351	3.84	cps
Cadmium	108-1	400	327	303	343	14.69	cps
Cadmium	106-1	3707	3701	3554	3654	2.37	cps
Cadmium	111-1	4812	4832	4766	4803	0.71	cps
Calcium	43-1	113386	115441	115075	114634	0.96	cps
Calcium	44-1	1698228	1733184	1744383	1725265	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	305986	304213	303137	304445	0.47	cps
Cobalt	59-2	281956	284925	284708	283863	0.58	cps
Copper	63-2	932486	926489	926054	928343	0.39	cps
Dysprosium	156-1	11678	12282	12102	12021	2.58	cps
Dysprosium	156-2	9330	9263	9093	9229	1.32	cps
Erbium	164-1	13380	13600	13747	13576	1.36	cps
Erbium	164-2	9136	9203	8950	9096	1.44	cps
Gadolinium	160-1	12149	12829	12636	12538	2.80	cps
Gadolinium	160-2	8870	9130	9120	9040	1.63	cps
Holmium	165-1	11565770	11604372	11664649	11611597	0.43	cps
Holmium	165-2	7954933	8010463	8019270	7994889	0.44	cps
Indium	115-1	9560794	9540531	9702261	9601195	0.92	cps
Indium	115-2	3355192	3277303	3216673	3283056	2.12	cps
Iron	56-2	186423517	184166904	185301517	185297313	0.61	cps
Iron	57-2	4529433	4605046	4550916	4561799	0.85	cps
Iron	54-2	10221341	10209383	10141305	10190676	0.42	cps
Krypton	83-1	360	280	363	334	14.11	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	302613	306380	303678	304224	0.64	cps
Lead	207-1	264489	271085	270548	268707	1.36	cps
Lead	208-1	1206920	1219612	1221110	1215881	0.64	cps
Lithium	6-1	1598068	1625935	1639038	1621014	1.29	cps
Magnesium	24-2	5235468	5226619	5227465	5229851	0.09	cps
Manganese	55-2	3219943	3203259	3181127	3201443	0.61	cps
Molybdenum	94-1	18846	18889	19286	19007	1.28	cps
Molybdenum	95-1	1943	2144	2107	2065	5.16	cps
Molybdenum	96-1	7155	7342	7115	7204	1.68	cps
Molybdenum	97-1	1180	1303	1333	1272	6.39	cps
Molybdenum	98-1	3194	3504	3440	3379	4.85	cps
Neodymium	150-1	16780	16496	16860	16712	1.14	cps
Neodymium	150-2	9580	9580	9560	9573	0.12	cps
Nickel	60-2	87959	88744	88194	88299	0.46	cps
Phosphorus	31-2	7158	7002	7152	7104	1.25	cps
Potassium	39-2	1174589	1172024	1175253	1173955	0.15	cps
Rhodium	103-1	9078292	9148068	9134067	9120142	0.40	cps
Rhodium	103-2	5657596	5661140	5631120	5649952	0.29	cps
Scandium	45-1	6201083	6207011	6234548	6214214	0.29	cps
Scandium	45-2	568355	567993	568032	568127	0.03	cps
Selenium	82-1	582	606	532	573	6.64	cps
Selenium	77-2	53	53	63	57	10.19	cps
Selenium	78-2	400	443	367	403	9.53	cps
Silicon	28-1	9312642	9470893	9534593	9439376	1.21	cps
Silver	107-1	3297	3244	3477	3339	3.66	cps
Silver	109-1	2994	3060	3034	3029	1.11	cps
Sodium	23-2	114952	113954	113266	114057	0.74	cps
Strontium	86-1	64380	65984	65337	65234	1.24	cps
Strontium	88-1	560971	571559	568864	567131	0.97	cps
Sulfur	34-1	230827	227323	220413	226188	2.34	cps
Terbium	159-1	12109231	11985265	12026180	12040225	0.52	cps
Terbium	159-2	7914186	8136093	8038208	8029496	1.39	cps
Thallium	203-1	710	803	803	772	6.98	cps
Thallium	205-1	2010	1933	1863	1936	3.79	cps
Tin	118-1	9253	9210	9293	9252	0.45	cps
Titanium	47-1	966170	984136	980565	976957	0.97	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:06:14	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5591	5661	6035	5762	4.14	cps
Vanadium	51-2	449535	447300	448200	448345	0.25	cps
Yttrium	89-1	16634886	16767471	16902403	16768253	0.80	cps
Yttrium	89-2	4171437	4233678	4241014	4215377	0.91	cps
Zinc	66-2	106523	105872	105925	106107	0.34	cps
Zirconium	90-1	47771	50219	49172	49054	2.50	cps
Zirconium	91-1	10847	11098	11221	11055	1.72	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5041288	5039368	5009463	5030040	0.35	cps
Antimony	121-1	6668	7088	7222	6993	4.13	cps
Arsenic	75-2	34273	33625	32983	33627	1.92	cps
Barium	135-1	159874	161923	163398	161731	1.09	cps
Barium	137-1	279042	282121	282154	281106	0.64	cps
Beryllium	9-1	567	550	507	541	5.72	cps
Bismuth	209-1	7057744	7107839	7058036	7074540	0.41	cps
Bismuth	209-2	5644735	5635661	5564317	5614904	0.78	cps
Bromine	81-1	10771	10547	10757	10692	1.17	cps
Bromine	81-2	307	240	360	302	19.90	cps
Cadmium	108-1	340	317	357	338	5.95	cps
Cadmium	106-1	3887	3634	3577	3699	4.46	cps
Cadmium	111-1	4890	4826	4735	4817	1.62	cps
Calcium	43-1	112765	115925	114756	114482	1.40	cps
Calcium	44-1	1721584	1716516	1739114	1725738	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	302883	302840	300682	302135	0.42	cps
Cobalt	59-2	281593	281932	282533	282019	0.17	cps
Copper	63-2	932650	924503	919913	925689	0.70	cps
Dysprosium	156-1	11732	12185	11959	11959	1.90	cps
Dysprosium	156-2	9070	9283	9336	9230	1.53	cps
Erbium	164-1	13243	13603	13970	13606	2.67	cps
Erbium	164-2	9610	9433	9280	9441	1.75	cps
Gadolinium	160-1	12289	12612	12859	12587	2.27	cps
Gadolinium	160-2	9120	9180	9256	9185	0.75	cps
Holmium	165-1	11714595	11511154	11447236	11557662	1.21	cps
Holmium	165-2	8072151	8004153	7933086	8003130	0.87	cps
Indium	115-1	9422904	9417500	9434113	9424839	0.09	cps
Indium	115-2	3276117	3265792	3231178	3257696	0.72	cps
Iron	56-2	186221871	184738724	184396884	185119159	0.52	cps
Iron	57-2	4564134	4507736	4547712	4539861	0.64	cps
Iron	54-2	10206569	10093187	10128724	10142827	0.57	cps
Krypton	83-1	363	397	303	354	13.34	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	299684	303308	308734	303909	1.50	cps
Lead	207-1	270349	270499	274070	271639	0.78	cps
Lead	208-1	1212623	1224732	1228868	1222074	0.69	cps
Lithium	6-1	1628249	1594618	1645724	1622864	1.60	cps
Magnesium	24-2	5233269	5198706	5183312	5205096	0.49	cps
Manganese	55-2	3203073	3160512	3206927	3190171	0.81	cps
Molybdenum	94-1	18335	18946	19086	18789	2.13	cps
Molybdenum	95-1	2184	2160	2077	2140	2.62	cps
Molybdenum	96-1	6898	6818	7105	6941	2.13	cps
Molybdenum	97-1	1313	1247	1373	1311	4.83	cps
Molybdenum	98-1	2987	3104	3264	3118	4.46	cps
Neodymium	150-1	16937	17097	17080	17038	0.52	cps
Neodymium	150-2	9780	9693	9603	9692	0.91	cps
Nickel	60-2	89102	88556	88549	88736	0.36	cps
Phosphorus	31-2	7302	7018	7112	7144	2.02	cps
Potassium	39-2	1173208	1165439	1161484	1166710	0.51	cps
Rhodium	103-1	8993795	9016586	9049834	9020072	0.31	cps
Rhodium	103-2	5664596	5580047	5619365	5621336	0.75	cps
Scandium	45-1	6184042	6140753	6168682	6164492	0.36	cps
Scandium	45-2	561666	559256	555870	558931	0.52	cps
Selenium	82-1	589	526	544	553	5.87	cps
Selenium	77-2	43	47	43	44	4.34	cps
Selenium	78-2	463	400	390	418	9.52	cps
Silicon	28-1	9332226	9447735	9553378	9444446	1.17	cps
Silver	107-1	3017	3197	3337	3184	5.04	cps
Silver	109-1	3080	3067	3124	3090	0.96	cps
Sodium	23-2	104505	105730	106008	105414	0.76	cps
Strontium	86-1	64410	66459	66372	65747	1.76	cps
Strontium	88-1	560991	569189	567560	565913	0.77	cps
Sulfur	34-1	222922	221039	220160	221374	0.64	cps
Terbium	159-1	11766813	11826111	11929272	11840732	0.69	cps
Terbium	159-2	7877871	7861179	7921190	7886747	0.39	cps
Thallium	203-1	780	667	670	706	9.14	cps
Thallium	205-1	1643	1647	1867	1719	7.45	cps
Tin	118-1	9150	9300	9940	9463	4.44	cps
Titanium	47-1	962965	976648	979822	973145	0.92	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:09:26	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5915	6025	5958	5966	0.93	cps
Vanadium	51-2	447741	448211	442001	445984	0.78	cps
Yttrium	89-1	16210171	16670604	16537336	16472704	1.44	cps
Yttrium	89-2	4152722	4167574	4165634	4161977	0.19	cps
Zinc	66-2	103499	103576	103247	103441	0.17	cps
Zirconium	90-1	47176	47630	48530	47778	1.44	cps
Zirconium	91-1	10520	10277	10988	10595	3.41	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1086569	1072543	1073608	1077573	0.72	cps
Antimony	121-1	1563	1573	1590	1576	0.86	cps
Arsenic	75-2	6912	6758	7075	6915	2.29	cps
Barium	135-1	32848	32841	33920	33203	1.87	cps
Barium	137-1	57904	57332	57191	57475	0.66	cps
Beryllium	9-1	160	120	143	141	14.24	cps
Bismuth	209-1	6838157	6980782	7017973	6945637	1.37	cps
Bismuth	209-2	5538843	5514264	5412535	5488547	1.22	cps
Bromine	81-1	9843	9857	9810	9837	0.24	cps
Bromine	81-2	210	197	183	197	6.78	cps
Cadmium	108-1	93	80	67	80	16.66	cps
Cadmium	106-1	3344	3364	2924	3210	7.74	cps
Cadmium	111-1	2782	2792	2517	2697	5.79	cps
Calcium	43-1	23188	23588	23822	23533	1.36	cps
Calcium	44-1	390273	398679	399528	396160	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63302	63054	62485	62947	0.67	cps
Cobalt	59-2	58420	57332	57526	57759	1.00	cps
Copper	63-2	191069	189777	188727	189858	0.62	cps
Dysprosium	156-1	2744	2550	2687	2660	3.74	cps
Dysprosium	156-2	2003	2047	2014	2021	1.12	cps
Erbium	164-1	2864	3037	2827	2909	3.86	cps
Erbium	164-2	1940	1947	2060	1982	3.40	cps
Gadolinium	160-1	2674	2624	2607	2635	1.32	cps
Gadolinium	160-2	2247	2224	2177	2216	1.61	cps
Holmium	165-1	11478633	10859676	11033855	11124055	2.87	cps
Holmium	165-2	7897362	7851211	7658065	7802213	1.63	cps
Indium	115-1	9307769	9275315	9271843	9284976	0.21	cps
Indium	115-2	3217267	3173745	3192533	3194515	0.68	cps
Iron	56-2	37975891	37592513	37624457	37730954	0.56	cps
Iron	57-2	1004486	995742	997500	999243	0.46	cps
Iron	54-2	2122305	2125068	2132026	2126466	0.24	cps
Krypton	83-1	300	327	303	310	4.69	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	63404	62516	63317	63079	0.78	cps
Lead	207-1	56574	56842	55837	56418	0.92	cps
Lead	208-1	253786	256004	253538	254443	0.53	cps
Lithium	6-1	1583540	1617975	1630681	1610732	1.51	cps
Magnesium	24-2	1138281	1122507	1125461	1128749	0.74	cps
Manganese	55-2	675945	677990	675903	676613	0.18	cps
Molybdenum	94-1	3844	3901	4187	3977	4.63	cps
Molybdenum	95-1	543	593	530	556	6.01	cps
Molybdenum	96-1	1620	1827	1607	1685	7.32	cps
Molybdenum	97-1	380	387	367	378	2.70	cps
Molybdenum	98-1	827	757	743	776	5.77	cps
Neodymium	150-1	3314	3507	3504	3442	3.22	cps
Neodymium	150-2	2020	2037	2130	2062	2.88	cps
Nickel	60-2	18198	18708	18128	18345	1.73	cps
Phosphorus	31-2	1703	1653	1457	1605	8.13	cps
Potassium	39-2	295647	294549	293841	294679	0.31	cps
Rhodium	103-1	9008778	9017463	8852645	8959629	1.04	cps
Rhodium	103-2	5549712	5480409	5541202	5523774	0.68	cps
Scandium	45-1	5849584	5864719	5875005	5863102	0.22	cps
Scandium	45-2	538235	538543	536986	537921	0.15	cps
Selenium	82-1	478	498	484	487	2.12	cps
Selenium	77-2	0	17	7	8	107.84	cps
Selenium	78-2	443	403	360	402	10.36	cps
Silicon	28-1	2216018	2199967	2253308	2223098	1.23	cps
Silver	107-1	743	760	743	749	1.29	cps
Silver	109-1	683	663	640	662	3.28	cps
Sodium	23-2	66489	66684	64712	65962	1.65	cps
Strontium	86-1	13470	13610	13446	13509	0.65	cps
Strontium	88-1	114031	116446	115821	115433	1.09	cps
Sulfur	34-1	222858	220474	215599	219644	1.68	cps
Terbium	159-1	11792613	11801551	11353907	11649357	2.20	cps
Terbium	159-2	7810969	7792511	7767970	7790483	0.28	cps
Thallium	203-1	287	257	260	268	6.14	cps
Thallium	205-1	760	640	707	702	8.56	cps
Tin	118-1	3387	3547	3200	3378	5.14	cps
Titanium	47-1	195769	198081	196589	196813	0.60	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAC1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:12:41	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1197	1270	1063	1177	8.90	cps
Vanadium	51-2	91368	91247	91438	91351	0.11	cps
Yttrium	89-1	15575860	15931554	16021263	15842892	1.49	cps
Yttrium	89-2	4057291	4048406	4024964	4043553	0.41	cps
Zinc	66-2	22016	21766	22203	21995	1.00	cps
Zirconium	90-1	10107	10567	10581	10418	2.59	cps
Zirconium	91-1	2124	2294	2344	2254	5.12	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4914300	4872085	4942108	4909498	0.72	cps
Antimony	121-1	162254	166084	166333	164890	1.39	cps
Arsenic	75-2	36174	35596	35994	35921	0.82	cps
Barium	135-1	996398	1010170	1004780	1003783	0.69	cps
Barium	137-1	1778977	1817310	1806138	1800808	1.09	cps
Beryllium	9-1	15681	15818	15932	15810	0.79	cps
Bismuth	209-1	6824692	6861529	6908834	6865018	0.61	cps
Bismuth	209-2	5357862	5357133	5420464	5378487	0.68	cps
Bromine	81-1	9880	9847	9403	9710	2.74	cps
Bromine	81-2	230	277	233	247	10.55	cps
Cadmium	108-1	1713	1720	1660	1698	1.94	cps
Cadmium	106-1	5524	5311	5211	5349	2.99	cps
Cadmium	111-1	25028	25345	24910	25094	0.90	cps
Calcium	43-1	107181	108212	107920	107771	0.49	cps
Calcium	44-1	1622937	1648338	1663213	1644829	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460401	458010	461867	460093	0.42	cps
Cobalt	59-2	907169	910124	904769	907354	0.30	cps
Copper	63-2	1094971	1091004	1091971	1092649	0.19	cps
Dysprosium	156-1	11205	10901	11505	11203	2.69	cps
Dysprosium	156-2	8619	9170	8880	8890	3.10	cps
Erbium	164-1	12823	13043	12723	12863	1.27	cps
Erbium	164-2	8856	8860	8623	8779	1.55	cps
Gadolinium	160-1	11772	11818	11885	11825	0.48	cps
Gadolinium	160-2	8816	8763	8783	8787	0.31	cps
Holmium	165-1	11195052	11126882	11092512	11138148	0.47	cps
Holmium	165-2	7856777	7728007	7692854	7759213	1.11	cps
Indium	115-1	9040006	9122825	9030614	9064482	0.56	cps
Indium	115-2	3163168	3141367	3183812	3162782	0.67	cps
Iron	56-2	176532397	175840057	175859324	176077260	0.22	cps
Iron	57-2	4382534	4335949	4335704	4351396	0.62	cps
Iron	54-2	9711097	9749768	9703247	9721371	0.26	cps
Krypton	83-1	300	283	277	287	4.19	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	310706	311621	315972	312766	0.90	cps
Lead	207-1	271262	276087	277095	274815	1.13	cps
Lead	208-1	1240434	1244639	1254736	1246603	0.59	cps
Lithium	6-1	1629085	1583133	1538648	1583622	2.86	cps
Magnesium	24-2	4977017	4937275	5023434	4979242	0.87	cps
Manganese	55-2	3328886	3328035	3296384	3317768	0.56	cps
Molybdenum	94-1	17190	17531	17838	17519	1.85	cps
Molybdenum	95-1	2013	2130	1887	2010	6.06	cps
Molybdenum	96-1	6415	6528	6515	6486	0.96	cps
Molybdenum	97-1	1197	1237	1167	1200	2.93	cps
Molybdenum	98-1	2914	3147	3167	3076	4.58	cps
Neodymium	150-1	15245	16179	15412	15612	3.19	cps
Neodymium	150-2	8606	8930	9066	8867	2.67	cps
Nickel	60-2	247521	245989	246767	246759	0.31	cps
Phosphorus	31-2	6778	6885	6848	6837	0.79	cps
Potassium	39-2	1110871	1111454	1113407	1111911	0.12	cps
Rhodium	103-1	8580084	8631035	8615648	8608922	0.30	cps
Rhodium	103-2	5392228	5315486	5437739	5381818	1.15	cps
Scandium	45-1	5892803	5872917	5883470	5883063	0.17	cps
Scandium	45-2	542287	541231	538044	540521	0.41	cps
Selenium	82-1	3938	4252	4087	4092	3.84	cps
Selenium	77-2	323	370	323	339	7.95	cps
Selenium	78-2	1663	1357	1570	1530	10.27	cps
Silicon	28-1	7835776	7972389	8148772	7985646	1.97	cps
Silver	107-1	96978	100834	99968	99260	2.04	cps
Silver	109-1	91671	92888	93385	92648	0.95	cps
Sodium	23-2	94380	94866	95844	95030	0.78	cps
Strontium	86-1	61079	62850	61946	61959	1.43	cps
Strontium	88-1	526532	537657	534836	533008	1.09	cps
Sulfur	34-1	220176	215102	215072	216783	1.36	cps
Terbium	159-1	11451567	11621085	11256211	11442954	1.60	cps
Terbium	159-2	7642051	7714737	7620157	7658982	0.65	cps
Thallium	203-1	66967	68699	67024	67563	1.46	cps
Thallium	205-1	160613	164196	163275	162694	1.14	cps
Tin	118-1	8796	9043	8753	8864	1.77	cps
Titanium	47-1	908176	931229	925475	921627	1.30	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:15:56	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5575	5848	5488	5637	3.33	cps
Vanadium	51-2	788824	787294	791153	789090	0.25	cps
Yttrium	89-1	15874334	15664999	15705346	15748226	0.71	cps
Yttrium	89-2	4026627	4014351	4041885	4027621	0.34	cps
Zinc	66-2	170312	169119	168896	169443	0.45	cps
Zirconium	90-1	44146	45356	44761	44755	1.35	cps
Zirconium	91-1	9867	9743	9973	9861	1.17	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4947664	4902276	4908526	4919489	0.50	cps
Antimony	121-1	695389	703322	706550	701753	0.82	cps
Arsenic	75-2	48582	47446	46519	47516	2.17	cps
Barium	135-1	3966958	4030137	4046425	4014506	1.05	cps
Barium	137-1	6823312	6948436	6934525	6902091	0.99	cps
Beryllium	9-1	65527	66444	67241	66404	1.29	cps
Bismuth	209-1	6914246	7047172	7115477	7025632	1.46	cps
Bismuth	209-2	5543339	5482734	5542610	5522894	0.63	cps
Bromine	81-1	9643	9246	9523	9471	2.15	cps
Bromine	81-2	227	227	210	221	4.35	cps
Cadmium	108-1	6248	6758	6528	6512	3.92	cps
Cadmium	106-1	11832	12429	12105	12122	2.47	cps
Cadmium	111-1	99273	101596	100701	100523	1.17	cps
Calcium	43-1	101832	103450	104030	103104	1.10	cps
Calcium	44-1	1551767	1584038	1575133	1570313	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1011809	1011935	1005078	1009607	0.39	cps
Cobalt	59-2	2994564	2984032	2955169	2977922	0.68	cps
Copper	63-2	1769715	1751692	1746291	1755899	0.70	cps
Dysprosium	156-1	10811	10968	11028	10935	1.02	cps
Dysprosium	156-2	8489	8546	8940	8658	2.83	cps
Erbium	164-1	11835	12672	12933	12480	4.60	cps
Erbium	164-2	8479	8513	8669	8554	1.19	cps
Gadolinium	160-1	11495	11318	11665	11493	1.51	cps
Gadolinium	160-2	8389	8779	8756	8642	2.53	cps
Holmium	165-1	11118742	11223493	11303101	11215112	0.82	cps
Holmium	165-2	8005507	7923898	7915720	7948375	0.62	cps
Indium	115-1	9048774	9192513	9114504	9118597	0.79	cps
Indium	115-2	3168348	3154464	3147152	3156655	0.34	cps
Iron	56-2	174104877	170932517	172738371	172591922	0.92	cps
Iron	57-2	4244451	4240587	4243286	4242775	0.05	cps
Iron	54-2	9578546	9417410	9491178	9495711	0.85	cps
Krypton	83-1	310	310	307	309	0.62	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	379732	387062	388293	385029	1.20	cps
Lead	207-1	335995	342918	341708	340207	1.09	cps
Lead	208-1	1528400	1552939	1553982	1545107	0.94	cps
Lithium	6-1	1631131	1619410	1612339	1620960	0.59	cps
Magnesium	24-2	4805493	4772036	4808876	4795468	0.42	cps
Manganese	55-2	4188803	4093496	4165929	4149409	1.20	cps
Molybdenum	94-1	17454	17424	17180	17353	0.87	cps
Molybdenum	95-1	1967	1923	2097	1996	4.52	cps
Molybdenum	96-1	6188	6605	6231	6341	3.61	cps
Molybdenum	97-1	1160	1110	1163	1145	2.61	cps
Molybdenum	98-1	3177	3120	3117	3138	1.07	cps
Neodymium	150-1	14855	15322	15395	15191	1.93	cps
Neodymium	150-2	9056	8823	8486	8788	3.26	cps
Nickel	60-2	787576	780753	781659	783329	0.47	cps
Phosphorus	31-2	6658	6635	6702	6665	0.51	cps
Potassium	39-2	1080493	1075985	1074420	1076966	0.29	cps
Rhodium	103-1	8704671	8636473	8789448	8710198	0.88	cps
Rhodium	103-2	5466004	5444108	5411983	5440699	0.50	cps
Scandium	45-1	5816581	5890322	5861804	5856236	0.63	cps
Scandium	45-2	539587	537475	537682	538248	0.22	cps
Selenium	82-1	14085	14365	14472	14307	1.40	cps
Selenium	77-2	1450	1310	1363	1375	5.14	cps
Selenium	78-2	4814	4741	4711	4755	1.12	cps
Silicon	28-1	7665460	7839229	7891291	7798660	1.52	cps
Silver	107-1	355076	360290	361348	358905	0.94	cps
Silver	109-1	334816	339039	342952	338936	1.20	cps
Sodium	23-2	92737	91851	91741	92110	0.59	cps
Strontium	86-1	57950	60353	59847	59384	2.13	cps
Strontium	88-1	507326	513160	517287	512591	0.98	cps
Sulfur	34-1	215620	212107	212101	213276	0.95	cps
Terbium	159-1	11417054	11487262	11647711	11517342	1.03	cps
Terbium	159-2	7809411	7665184	7789751	7754782	1.01	cps
Thallium	203-1	317441	320212	322648	320100	0.81	cps
Thallium	205-1	746622	763667	765224	758504	1.36	cps
Tin	118-1	8416	8703	8606	8575	1.70	cps
Titanium	47-1	884331	893382	898614	892109	0.81	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4301-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAC1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:19:08	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5291	5204	5725	5407	5.16	cps
Vanadium	51-2	1907162	1935295	1903822	1915426	0.90	cps
Yttrium	89-1	15677976	15743852	15564839	15662222	0.58	cps
Yttrium	89-2	4041902	4018834	3958794	4006510	1.07	cps
Zinc	66-2	403901	400547	399365	401271	0.59	cps
Zirconium	90-1	43127	43776	42959	43287	1.00	cps
Zirconium	91-1	10144	9793	10017	9985	1.78	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2879785	2868005	2872309	2873366	0.21	cps
Antimony	121-1	4567	4644	4694	4635	1.38	cps
Arsenic	75-2	19299	19636	19366	19434	0.92	cps
Barium	135-1	262911	269791	271117	267939	1.64	cps
Barium	137-1	459857	466287	466660	464268	0.82	cps
Beryllium	9-1	947	840	827	871	7.55	cps
Bismuth	209-1	6960573	7049316	7185031	7064973	1.60	cps
Bismuth	209-2	5631290	5549520	5621800	5600870	0.80	cps
Bromine	81-1	9296	9597	9773	9555	2.52	cps
Bromine	81-2	280	250	300	277	9.10	cps
Cadmium	108-1	80	100	93	91	11.18	cps
Cadmium	106-1	3160	3460	3040	3220	6.72	cps
Cadmium	111-1	2866	3156	2943	2988	5.02	cps
Calcium	43-1	118313	119727	122069	120036	1.58	cps
Calcium	44-1	1783839	1843383	1853703	1826975	2.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71190	70554	71251	70998	0.54	cps
Cobalt	59-2	83410	82880	83645	83312	0.47	cps
Copper	63-2	149111	148751	150243	149368	0.52	cps
Dysprosium	156-1	24385	24264	24501	24383	0.49	cps
Dysprosium	156-2	20031	20175	20165	20123	0.40	cps
Erbium	164-1	20432	21216	20412	20687	2.22	cps
Erbium	164-2	14621	14247	14147	14339	1.74	cps
Gadolinium	160-1	23527	23707	23683	23639	0.41	cps
Gadolinium	160-2	17418	17274	17758	17483	1.42	cps
Holmium	165-1	11369802	11406975	11430556	11402445	0.27	cps
Holmium	165-2	8160927	8006231	7940140	8035766	1.41	cps
Indium	115-1	9126225	9209988	9200653	9178955	0.50	cps
Indium	115-2	3226461	3207953	3201469	3211961	0.40	cps
Iron	56-2	111842968	110139072	110003025	110661688	0.93	cps
Iron	57-2	2785053	2706742	2718734	2736843	1.54	cps
Iron	54-2	6112629	6100641	6040124	6084465	0.64	cps
Krypton	83-1	313	337	330	327	3.68	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	157920	159387	160196	159167	0.72	cps
Lead	207-1	144291	147147	146682	146040	1.05	cps
Lead	208-1	640348	652946	651136	648143	1.05	cps
Lithium	6-1	1619282	1617643	1668159	1635028	1.76	cps
Magnesium	24-2	1759566	1715334	1742870	1739257	1.28	cps
Manganese	55-2	1729995	1727518	1719575	1725696	0.32	cps
Molybdenum	94-1	17360	17621	17938	17640	1.64	cps
Molybdenum	95-1	2094	2180	2244	2172	3.47	cps
Molybdenum	96-1	6191	6121	6078	6130	0.93	cps
Molybdenum	97-1	1250	1263	1297	1270	1.89	cps
Molybdenum	98-1	3240	3357	3590	3396	5.25	cps
Neodymium	150-1	41929	42343	43320	42531	1.68	cps
Neodymium	150-2	24715	24481	24418	24538	0.64	cps
Nickel	60-2	22397	21666	21886	21983	1.71	cps
Phosphorus	31-2	9860	9907	9730	9832	0.93	cps
Potassium	39-2	1334794	1309865	1311636	1318765	1.05	cps
Rhodium	103-1	8759341	8720760	8784343	8754815	0.37	cps
Rhodium	103-2	5495971	5495708	5553993	5515224	0.61	cps
Scandium	45-1	5767966	5799764	5851125	5806285	0.72	cps
Scandium	45-2	538043	532906	536539	535829	0.49	cps
Selenium	82-1	477	526	544	516	6.76	cps
Selenium	77-2	120	117	93	110	13.21	cps
Selenium	78-2	367	413	393	391	5.99	cps
Silicon	28-1	8556691	8708622	8732167	8665827	1.10	cps
Silver	107-1	2224	2267	1867	2119	10.36	cps
Silver	109-1	2160	1803	1687	1883	13.09	cps
Sodium	23-2	92844	93425	94005	93425	0.62	cps
Strontium	86-1	76517	78025	77841	77461	1.06	cps
Strontium	88-1	658264	671161	674669	668031	1.29	cps
Sulfur	34-1	217262	217458	216160	216960	0.32	cps
Terbium	159-1	11581935	11637064	11684157	11634386	0.44	cps
Terbium	159-2	7957936	7855170	7919369	7910825	0.66	cps
Thallium	203-1	1003	1050	1050	1034	2.60	cps
Thallium	205-1	2387	2444	2340	2390	2.17	cps
Tin	118-1	8282	8653	8566	8500	2.28	cps
Titanium	47-1	630093	640844	650320	640419	1.58	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:22:14	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9680	9960	9727	9789	1.53	cps
Vanadium	51-2	219144	218332	217495	218324	0.38	cps
Yttrium	89-1	15743428	15983068	15911126	15879207	0.77	cps
Yttrium	89-2	4064333	4066289	4085460	4072028	0.29	cps
Zinc	66-2	79048	78220	79778	79015	0.99	cps
Zirconium	90-1	44614	45092	45303	45003	0.78	cps
Zirconium	91-1	9903	10274	10070	10082	1.84	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2897338	2906149	2879240	2894243	0.47	cps
Antimony	121-1	4731	5048	4584	4788	4.95	cps
Arsenic	75-2	19543	19256	20361	19720	2.91	cps
Barium	135-1	263678	266780	270064	266841	1.20	cps
Barium	137-1	461151	462864	466551	463522	0.60	cps
Beryllium	9-1	727	767	793	762	4.40	cps
Bismuth	209-1	7229839	7145072	7088068	7154326	1.00	cps
Bismuth	209-2	5648751	5645297	5688856	5660968	0.43	cps
Bromine	81-1	9633	9603	9670	9635	0.35	cps
Bromine	81-2	277	273	280	277	1.21	cps
Cadmium	108-1	133	50	97	93	44.75	cps
Cadmium	106-1	3407	3384	3300	3364	1.67	cps
Cadmium	111-1	3102	3140	2969	3070	2.92	cps
Calcium	43-1	119119	121908	123326	121451	1.76	cps
Calcium	44-1	1866156	1825755	1826457	1839456	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71589	70645	70433	70889	0.87	cps
Cobalt	59-2	84134	83333	84043	83837	0.52	cps
Copper	63-2	149885	148067	148422	148791	0.65	cps
Dysprosium	156-1	24077	24528	24291	24299	0.93	cps
Dysprosium	156-2	20619	20345	20775	20580	1.06	cps
Erbium	164-1	21046	20993	21644	21227	1.70	cps
Erbium	164-2	14511	14291	14891	14564	2.09	cps
Gadolinium	160-1	23426	23520	23787	23578	0.79	cps
Gadolinium	160-2	17151	17625	17855	17543	2.05	cps
Holmium	165-1	11596023	11493635	11645186	11578281	0.67	cps
Holmium	165-2	8025981	8077088	8187882	8096984	1.02	cps
Indium	115-1	9138057	9137574	9309991	9195207	1.08	cps
Indium	115-2	3234680	3203820	3212667	3217056	0.49	cps
Iron	56-2	112085228	110303672	110848305	111079068	0.82	cps
Iron	57-2	2749478	2719194	2753404	2740692	0.68	cps
Iron	54-2	6212441	6068633	6158770	6146615	1.18	cps
Krypton	83-1	300	293	343	312	8.69	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	158112	160678	160435	159741	0.89	cps
Lead	207-1	145688	148579	146035	146767	1.08	cps
Lead	208-1	643616	654008	652581	650068	0.87	cps
Lithium	6-1	1622196	1635106	1635931	1631078	0.47	cps
Magnesium	24-2	1773542	1772358	1768909	1771603	0.14	cps
Manganese	55-2	1724892	1721152	1712823	1719622	0.36	cps
Molybdenum	94-1	17974	18004	18358	18112	1.18	cps
Molybdenum	95-1	2067	2184	2484	2245	9.58	cps
Molybdenum	96-1	6125	6435	6395	6318	2.67	cps
Molybdenum	97-1	1340	1363	1387	1363	1.71	cps
Molybdenum	98-1	3357	3644	3681	3560	4.97	cps
Neodymium	150-1	42153	42577	43464	42731	1.57	cps
Neodymium	150-2	25303	24545	24468	24772	1.86	cps
Nickel	60-2	22387	22377	21996	22253	1.00	cps
Phosphorus	31-2	9733	9997	10173	9968	2.22	cps
Potassium	39-2	1307040	1307292	1337007	1317113	1.31	cps
Rhodium	103-1	8724830	8704899	8852049	8760593	0.91	cps
Rhodium	103-2	5541483	5517429	5631664	5563525	1.08	cps
Scandium	45-1	5822369	5796793	5878298	5832487	0.71	cps
Scandium	45-2	538685	534615	536063	536455	0.38	cps
Selenium	82-1	535	540	539	538	0.55	cps
Selenium	77-2	97	103	97	99	3.89	cps
Selenium	78-2	407	373	377	386	4.76	cps
Silicon	28-1	8914655	9080812	9066733	9020733	1.02	cps
Silver	107-1	1570	1650	1670	1630	3.25	cps
Silver	109-1	1377	1473	1517	1456	4.92	cps
Sodium	23-2	93518	94085	95007	94203	0.80	cps
Strontium	86-1	75884	78739	78890	77837	2.18	cps
Strontium	88-1	672770	683710	685298	680593	1.00	cps
Sulfur	34-1	213723	210345	210684	211584	0.88	cps
Terbium	159-1	11727964	11720659	11889728	11779450	0.81	cps
Terbium	159-2	7800229	7876726	7989482	7888812	1.21	cps
Thallium	203-1	990	850	923	921	7.60	cps
Thallium	205-1	2337	2250	2230	2272	2.50	cps
Tin	118-1	7899	8186	8329	8138	2.69	cps
Titanium	47-1	650264	660793	663122	658060	1.04	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-10DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:25:29	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9840	10207	9824	9957	2.18	cps
Vanadium	51-2	217383	217286	217383	217351	0.03	cps
Yttrium	89-1	15891923	15912186	15938644	15914251	0.15	cps
Yttrium	89-2	4056280	4124096	4179702	4120026	1.50	cps
Zinc	66-2	78716	77952	78625	78431	0.53	cps
Zirconium	90-1	45687	46125	46373	46062	0.75	cps
Zirconium	91-1	9687	10317	10310	10105	3.58	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	598461	594468	595972	596300	0.34	cps
Antimony	121-1	967	940	947	951	1.46	cps
Arsenic	75-2	3867	3914	3944	3908	0.99	cps
Barium	135-1	53684	53423	55327	54145	1.91	cps
Barium	137-1	94052	95253	92260	93855	1.60	cps
Beryllium	9-1	207	190	217	204	6.59	cps
Bismuth	209-1	7058202	7109254	7215396	7127617	1.13	cps
Bismuth	209-2	5655411	5663486	5651894	5656930	0.11	cps
Bromine	81-1	9370	9220	9466	9352	1.33	cps
Bromine	81-2	190	103	137	143	30.50	cps
Cadmium	108-1	17	17	13	16	12.40	cps
Cadmium	106-1	3187	2990	2874	3017	5.25	cps
Cadmium	111-1	2356	2242	2152	2250	4.54	cps
Calcium	43-1	24567	24673	24420	24553	0.52	cps
Calcium	44-1	410006	415531	413457	412998	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15561	14811	15011	15128	2.57	cps
Cobalt	59-2	17046	17167	16799	17004	1.10	cps
Copper	63-2	31233	31076	31259	31189	0.32	cps
Dysprosium	156-1	5358	5048	5271	5225	3.06	cps
Dysprosium	156-2	3924	4194	4071	4063	3.33	cps
Erbium	164-1	4167	4317	4334	4273	2.15	cps
Erbium	164-2	2787	2907	2987	2894	3.48	cps
Gadolinium	160-1	4881	4868	4861	4870	0.21	cps
Gadolinium	160-2	3741	3647	4004	3797	4.87	cps
Holmium	165-1	11351330	11287336	11776416	11471694	2.32	cps
Holmium	165-2	7957334	8130941	7831023	7973100	1.89	cps
Indium	115-1	9404227	9182243	9381041	9322504	1.31	cps
Indium	115-2	3274523	3190549	3189142	3218071	1.52	cps
Iron	56-2	22376876	22207910	22125812	22236866	0.58	cps
Iron	57-2	589361	588337	586980	588226	0.20	cps
Iron	54-2	1308370	1301346	1300793	1303503	0.32	cps
Krypton	83-1	260	257	257	258	0.75	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	32211	31116	33334	32220	3.44	cps
Lead	207-1	30120	30454	29288	29954	2.00	cps
Lead	208-1	132237	131837	131824	131966	0.18	cps
Lithium	6-1	1654799	1627949	1644267	1642338	0.82	cps
Magnesium	24-2	366991	365533	368198	366907	0.36	cps
Manganese	55-2	356741	352677	356884	355434	0.67	cps
Molybdenum	94-1	3707	3891	3767	3788	2.47	cps
Molybdenum	95-1	500	547	587	544	7.97	cps
Molybdenum	96-1	1430	1523	1473	1476	3.17	cps
Molybdenum	97-1	333	313	323	323	3.09	cps
Molybdenum	98-1	773	810	840	808	4.13	cps
Neodymium	150-1	8586	8669	8753	8669	0.96	cps
Neodymium	150-2	4721	4968	5144	4944	4.30	cps
Nickel	60-2	4557	4477	4517	4517	0.89	cps
Phosphorus	31-2	2064	2027	2157	2082	3.22	cps
Potassium	39-2	335783	335854	335197	335612	0.11	cps
Rhodium	103-1	8940563	8820240	8801133	8853979	0.85	cps
Rhodium	103-2	5581047	5477707	5515710	5524821	0.95	cps
Scandium	45-1	5784601	5716381	5799554	5766845	0.77	cps
Scandium	45-2	522708	522480	518992	521394	0.40	cps
Selenium	82-1	544	541	553	546	1.18	cps
Selenium	77-2	10	17	23	17	39.99	cps
Selenium	78-2	343	320	327	330	3.64	cps
Silicon	28-1	2016972	2093337	2078685	2062998	1.96	cps
Silver	107-1	393	390	400	394	1.29	cps
Silver	109-1	263	343	283	297	14.03	cps
Sodium	23-2	62135	60629	59909	60891	1.87	cps
Strontium	86-1	16096	15982	15695	15924	1.30	cps
Strontium	88-1	135464	137792	135651	136302	0.95	cps
Sulfur	34-1	209117	210560	208202	209293	0.57	cps
Terbium	159-1	11861449	11829566	11760466	11817161	0.44	cps
Terbium	159-2	7870361	7816733	7788418	7825171	0.53	cps
Thallium	203-1	347	347	367	353	3.27	cps
Thallium	205-1	790	733	687	737	7.02	cps
Tin	118-1	3240	3360	3317	3306	1.84	cps
Titanium	47-1	128829	131051	132497	130792	1.41	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDAE1L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 07:28:42	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2194	2024	2144	2120	4.12	cps
Vanadium	51-2	43469	43061	42784	43105	0.80	cps
Yttrium	89-1	15584386	15571181	15869768	15675112	1.08	cps
Yttrium	89-2	4038038	3986556	3959332	3994642	1.00	cps
Zinc	66-2	16676	16342	16379	16466	1.11	cps
Zirconium	90-1	9717	9903	9560	9727	1.77	cps
Zirconium	91-1	2077	2110	2060	2082	1.22	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4415487	4389912	4319752	4375050	1.13	cps
Antimony	121-1	261850	264689	265229	263923	0.69	cps
Arsenic	75-2	34132	34427	34704	34421	0.83	cps
Barium	135-1	1592974	1619547	1630876	1614466	1.21	cps
Barium	137-1	2739871	2760083	2761005	2753653	0.43	cps
Beryllium	9-1	21275	21926	21688	21630	1.52	cps
Bismuth	209-1	7144427	6990064	7208174	7114221	1.58	cps
Bismuth	209-2	5641405	5486231	5632227	5586621	1.56	cps
Bromine	81-1	9717	10167	10377	10087	3.35	cps
Bromine	81-2	367	367	390	374	3.60	cps
Cadmium	108-1	2260	2290	2440	2330	4.14	cps
Cadmium	106-1	6532	6462	6508	6500	0.55	cps
Cadmium	111-1	36241	37221	37088	36850	1.44	cps
Calcium	43-1	176810	179356	181086	179084	1.20	cps
Calcium	44-1	2665952	2728103	2722551	2705535	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	326207	323958	324691	324952	0.35	cps
Cobalt	59-2	978706	966451	969777	971645	0.65	cps
Copper	63-2	509627	505249	504912	506596	0.52	cps
Dysprosium	156-1	35284	36588	36631	36168	2.12	cps
Dysprosium	156-2	30132	30019	30380	30177	0.61	cps
Erbium	164-1	30750	31896	30931	31193	1.98	cps
Erbium	164-2	21867	21884	21417	21723	1.22	cps
Gadolinium	160-1	35248	35538	35672	35486	0.61	cps
Gadolinium	160-2	26004	25844	26519	26122	1.35	cps
Holmium	165-1	11483132	11318637	11582984	11461584	1.16	cps
Holmium	165-2	7951940	7916387	8004058	7957462	0.55	cps
Indium	115-1	9340391	9175093	9222104	9245863	0.92	cps
Indium	115-2	3213566	3165019	3168418	3182334	0.85	cps
Iron	56-2	164997994	163760588	165792424	164850335	0.62	cps
Iron	57-2	4093841	4051457	4047179	4064159	0.63	cps
Iron	54-2	9077217	9038302	9000649	9038723	0.42	cps
Krypton	83-1	363	377	367	369	1.88	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	270175	275089	276345	273870	1.19	cps
Lead	207-1	245903	248717	250427	248349	0.92	cps
Lead	208-1	1098328	1116851	1117883	1111021	0.99	cps
Lithium	6-1	1615811	1672530	1641513	1643285	1.73	cps
Magnesium	24-2	2625906	2608703	2586503	2607037	0.76	cps
Manganese	55-2	2924286	2923807	2900746	2916279	0.46	cps
Molybdenum	94-1	25459	26838	26644	26314	2.84	cps
Molybdenum	95-1	3140	3184	3160	3161	0.69	cps
Molybdenum	96-1	8956	8679	9493	9043	4.58	cps
Molybdenum	97-1	1893	1943	1840	1892	2.73	cps
Molybdenum	98-1	4854	5328	4914	5032	5.12	cps
Neodymium	150-1	63014	62946	63783	63248	0.74	cps
Neodymium	150-2	37954	37132	36210	37099	2.35	cps
Nickel	60-2	249702	248834	249423	249320	0.18	cps
Phosphorus	31-2	14811	14477	14891	14726	1.49	cps
Potassium	39-2	1929302	1893778	1906087	1909722	0.94	cps
Rhodium	103-1	8713040	8755148	8775307	8747832	0.36	cps
Rhodium	103-2	5483900	5384034	5430177	5432704	0.92	cps
Scandium	45-1	5800465	5805467	5754428	5786787	0.49	cps
Scandium	45-2	533948	533439	531750	533046	0.22	cps
Selenium	82-1	4788	4930	4765	4828	1.85	cps
Selenium	77-2	517	630	540	562	10.64	cps
Selenium	78-2	1760	1723	1803	1762	2.27	cps
Silicon	28-1	13040256	12981822	13170549	13064209	0.74	cps
Silver	107-1	130389	133396	133238	132341	1.28	cps
Silver	109-1	121897	124677	126217	124264	1.76	cps
Sodium	23-2	108821	110570	110248	109879	0.85	cps
Strontium	86-1	114041	117225	116835	116034	1.50	cps
Strontium	88-1	991933	1012364	1018291	1007530	1.37	cps
Sulfur	34-1	215830	213893	214531	214751	0.46	cps
Terbium	159-1	11602871	11657513	11589146	11616510	0.31	cps
Terbium	159-2	7827267	7962162	7879749	7889726	0.86	cps
Thallium	203-1	111250	113609	115531	113463	1.89	cps
Thallium	205-1	266211	273069	274940	271407	1.69	cps
Tin	118-1	11165	11418	11201	11261	1.22	cps
Titanium	47-1	954045	971019	981678	968914	1.44	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-11DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:32:04	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14858	14738	14895	14831	0.55	cps
Vanadium	51-2	812317	810227	803512	808685	0.57	cps
Yttrium	89-1	15855178	15989540	16039179	15961299	0.60	cps
Yttrium	89-2	4068995	4070952	4040842	4060263	0.41	cps
Zinc	66-2	211172	209566	209397	210045	0.47	cps
Zirconium	90-1	66148	67595	68757	67500	1.94	cps
Zirconium	91-1	14791	15135	15208	15044	1.48	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3283109	3235283	3282891	3267094	0.84	cps
Antimony	121-1	799805	808630	809358	805931	0.66	cps
Arsenic	75-2	37177	37260	38002	37479	1.21	cps
Barium	135-1	4363887	4445087	4398287	4402420	0.93	cps
Barium	137-1	7511707	7560975	7516699	7529794	0.36	cps
Beryllium	9-1	71553	70897	72836	71762	1.37	cps
Bismuth	209-1	6078706	6986692	7126154	6730517	8.45	cps
Bismuth	209-2	5534306	5473202	5450787	5486099	0.79	cps
Bromine	81-1	9860	9687	10180	9909	2.53	cps
Bromine	81-2	277	277	217	257	13.50	cps
Cadmium	108-1	7168	6992	6748	6970	3.03	cps
Cadmium	106-1	12282	12792	12596	12557	2.05	cps
Cadmium	111-1	106798	108282	108798	107959	0.96	cps
Calcium	43-1	122140	121733	121364	121746	0.32	cps
Calcium	44-1	1807816	1844909	1873681	1842135	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	833133	827910	834818	831954	0.43	cps
Cobalt	59-2	2943765	2917747	2950808	2937440	0.59	cps
Copper	63-2	1127634	1122939	1130017	1126863	0.32	cps
Dysprosium	156-1	25293	25169	24411	24958	1.91	cps
Dysprosium	156-2	20255	20515	20572	20447	0.83	cps
Erbium	164-1	21580	21603	21477	21553	0.31	cps
Erbium	164-2	14781	14387	14758	14642	1.51	cps
Gadolinium	160-1	24655	24592	24762	24670	0.35	cps
Gadolinium	160-2	17671	17962	18092	17908	1.20	cps
Holmium	165-1	10090065	11325347	11425504	10946972	6.79	cps
Holmium	165-2	7805097	7708448	7742742	7752096	0.63	cps
Indium	115-1	7920353	9074549	9017418	8670773	7.50	cps
Indium	115-2	3097934	3110078	3113362	3107125	0.26	cps
Iron	56-2	114292702	113430242	114915018	114212654	0.65	cps
Iron	57-2	2855651	2784424	2838814	2826296	1.32	cps
Iron	54-2	6462102	6347716	6289693	6366504	1.38	cps
Krypton	83-1	367	353	383	368	4.09	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	280607	278575	281085	280089	0.48	cps
Lead	207-1	249693	252628	248689	250337	0.82	cps
Lead	208-1	1119607	1130030	1129415	1126351	0.52	cps
Lithium	6-1	1469468	1660777	1646045	1592097	6.69	cps
Magnesium	24-2	1777758	1761890	1753476	1764375	0.70	cps
Manganese	55-2	3059648	2968117	3037206	3021657	1.58	cps
Molybdenum	94-1	17858	17924	17918	17900	0.21	cps
Molybdenum	95-1	2174	2254	2210	2212	1.81	cps
Molybdenum	96-1	6115	6331	6168	6205	1.82	cps
Molybdenum	97-1	1407	1497	1347	1417	5.33	cps
Molybdenum	98-1	3604	3487	3570	3554	1.69	cps
Neodymium	150-1	43978	45062	43962	44334	1.42	cps
Neodymium	150-2	25810	24849	25119	25259	1.96	cps
Nickel	60-2	762121	758509	755248	758626	0.45	cps
Phosphorus	31-2	10060	10023	9500	9861	3.18	cps
Potassium	39-2	1312819	1290994	1318189	1307334	1.10	cps
Rhodium	103-1	7579142	8533239	8578014	8230131	6.86	cps
Rhodium	103-2	5373033	5383841	5281203	5346026	1.05	cps
Scandium	45-1	5017222	5645302	5661025	5441183	6.75	cps
Scandium	45-2	522319	514344	516738	517801	0.79	cps
Selenium	82-1	15636	16030	15646	15771	1.42	cps
Selenium	77-2	1563	1477	1563	1535	3.26	cps
Selenium	78-2	5288	5298	5358	5314	0.71	cps
Silicon	28-1	8943079	8956598	8939346	8946341	0.10	cps
Silver	107-1	403428	410490	429406	414441	3.24	cps
Silver	109-1	383493	383566	385663	384241	0.32	cps
Sodium	23-2	90762	90608	91359	90909	0.44	cps
Strontium	86-1	78374	80438	78320	79044	1.53	cps
Strontium	88-1	682013	694446	688702	688387	0.90	cps
Sulfur	34-1	207803	208563	209462	208610	0.40	cps
Terbium	159-1	10137195	11665361	11467639	11090065	7.49	cps
Terbium	159-2	7732537	7831755	7658631	7740975	1.12	cps
Thallium	203-1	353722	356305	354868	354965	0.36	cps
Thallium	205-1	837602	848128	852923	846218	0.93	cps
Tin	118-1	8196	8356	8486	8346	1.74	cps
Titanium	47-1	653566	657746	656626	655979	0.33	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4302-09MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDAE1SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 07:35:18	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10251	10067	10151	10156	0.90	cps
Vanadium	51-2	1815911	1794132	1820138	1810060	0.77	cps
Yttrium	89-1	13624608	15598650	15612816	14945358	7.65	cps
Yttrium	89-2	3967222	3925293	3914192	3935569	0.71	cps
Zinc	66-2	404045	396892	399775	400237	0.90	cps
Zirconium	90-1	45430	46875	47209	46505	2.03	cps
Zirconium	91-1	10230	10441	10337	10336	1.02	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	403	413	430	416	3.24	cps
Antimony	121-1	280	327	367	324	13.37	cps
Arsenic	75-2	13	13	10	12	15.73	cps
Barium	135-1	220	153	197	190	17.80	cps
Barium	137-1	317	363	253	311	17.75	cps
Beryllium	9-1	37	27	23	29	24.03	cps
Bismuth	209-1	6801466	6796929	6914558	6837651	0.97	cps
Bismuth	209-2	5422400	5414762	5410933	5416032	0.11	cps
Bromine	81-1	8853	9243	8656	8917	3.35	cps
Bromine	81-2	147	173	123	148	16.93	cps
Cadmium	108-1	3	17	20	13	66.16	cps
Cadmium	106-1	2807	2657	2620	2695	3.67	cps
Cadmium	111-1	1976	1878	1824	1893	4.08	cps
Calcium	43-1	377	353	383	371	4.24	cps
Calcium	44-1	20672	20705	20428	20602	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	907	983	1017	969	5.82	cps
Cobalt	59-2	170	200	150	173	14.52	cps
Copper	63-2	1750	1943	1807	1833	5.42	cps
Dysprosium	156-1	157	157	190	168	11.47	cps
Dysprosium	156-2	50	30	30	37	31.49	cps
Erbium	164-1	60	40	87	62	37.63	cps
Erbium	164-2	43	43	40	42	4.55	cps
Gadolinium	160-1	43	60	60	54	17.68	cps
Gadolinium	160-2	277	300	287	288	4.07	cps
Holmium	165-1	11140284	10852966	10883029	10958759	1.44	cps
Holmium	165-2	7726863	7688642	7604002	7673169	0.82	cps
Indium	115-1	8844462	8971585	8903996	8906681	0.71	cps
Indium	115-2	3153286	3096944	3117699	3122643	0.91	cps
Iron	56-2	24951	24754	25198	24967	0.89	cps
Iron	57-2	1687	2127	1917	1910	11.52	cps
Iron	54-2	2480	2550	2574	2535	1.92	cps
Krypton	83-1	300	273	233	269	12.48	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	773	713	720	736	4.47	cps
Lead	207-1	647	703	597	649	8.22	cps
Lead	208-1	3017	2913	2897	2942	2.21	cps
Lithium	6-1	1583893	1568412	1597168	1583158	0.91	cps
Magnesium	24-2	773	637	810	740	12.34	cps
Manganese	55-2	863	827	883	858	3.35	cps
Molybdenum	94-1	293	247	303	281	10.76	cps
Molybdenum	95-1	90	100	93	94	5.39	cps
Molybdenum	96-1	167	213	197	192	12.30	cps
Molybdenum	97-1	57	77	103	79	29.67	cps
Molybdenum	98-1	143	147	163	151	7.09	cps
Neodymium	150-1	17	20	20	19	10.18	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	183	243	310	246	25.80	cps
Phosphorus	31-2	170	163	143	159	8.73	cps
Potassium	39-2	66635	64827	66404	65955	1.49	cps
Rhodium	103-1	8477832	8581312	8510816	8523320	0.62	cps
Rhodium	103-2	5427142	5366928	5348540	5380870	0.76	cps
Scandium	45-1	5432667	5535222	5516639	5494843	0.99	cps
Scandium	45-2	510890	503024	507214	507043	0.78	cps
Selenium	82-1	441	465	498	468	6.09	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	313	330	373	339	9.14	cps
Silicon	28-1	287616	288584	287179	287793	0.25	cps
Silver	107-1	217	233	247	232	6.47	cps
Silver	109-1	167	207	183	186	10.83	cps
Sodium	23-2	48810	49262	48851	48974	0.51	cps
Strontium	86-1	527	443	513	494	9.05	cps
Strontium	88-1	520	627	587	578	9.33	cps
Sulfur	34-1	208367	208597	209202	208722	0.21	cps
Terbium	159-1	10979569	11242353	11107140	11109687	1.18	cps
Terbium	159-2	7766355	7524413	7578472	7623080	1.67	cps
Thallium	203-1	157	183	173	171	7.87	cps
Thallium	205-1	497	440	453	463	6.39	cps
Tin	118-1	1660	1940	1680	1760	8.88	cps
Titanium	47-1	193	227	250	223	12.75	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BL	Instrumnet Name :	P7
Client Sample ID :	PBS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:39:45	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	23	10	17	39.99	cps
Vanadium	51-2	67	53	63	61	11.36	cps
Yttrium	89-1	14834380	15003986	14853519	14897295	0.62	cps
Yttrium	89-2	3893015	3823634	3859596	3858749	0.90	cps
Zinc	66-2	817	767	847	810	4.99	cps
Zirconium	90-1	653	707	640	667	5.29	cps
Zirconium	91-1	93	163	137	131	26.95	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11394	11204	11481	11360	1.25	cps
Antimony	121-1	42516	42416	43145	42692	0.93	cps
Arsenic	75-2	1257	1230	1187	1225	2.89	cps
Barium	135-1	52262	52921	52757	52647	0.65	cps
Barium	137-1	90599	91005	91887	91164	0.72	cps
Beryllium	9-1	3941	3951	3837	3909	1.61	cps
Bismuth	209-1	6901072	7018368	7022676	6980705	0.99	cps
Bismuth	209-2	5472078	5560092	5590353	5540841	1.11	cps
Bromine	81-1	8563	9033	8926	8840	2.79	cps
Bromine	81-2	133	123	133	130	4.44	cps
Cadmium	108-1	560	500	510	523	6.14	cps
Cadmium	106-1	3691	3634	3520	3615	2.40	cps
Cadmium	111-1	8399	8852	8722	8658	2.69	cps
Calcium	43-1	32982	33413	32632	33009	1.19	cps
Calcium	44-1	548405	553454	554935	552265	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23826	24176	24263	24088	0.96	cps
Cobalt	59-2	15782	16165	16262	16070	1.58	cps
Copper	63-2	25335	24861	24864	25020	1.09	cps
Dysprosium	156-1	177	203	147	176	16.15	cps
Dysprosium	156-2	60	57	37	51	24.69	cps
Erbium	164-1	77	70	93	80	15.02	cps
Erbium	164-2	53	60	53	56	6.93	cps
Gadolinium	160-1	80	57	47	61	27.99	cps
Gadolinium	160-2	260	233	270	254	7.45	cps
Holmium	165-1	11041347	11105684	11211522	11119518	0.77	cps
Holmium	165-2	7737996	7896848	7802314	7812386	1.02	cps
Indium	115-1	9060828	8963612	8922405	8982282	0.79	cps
Indium	115-2	3140077	3188576	3223780	3184144	1.32	cps
Iron	56-2	1776508	1799034	1779624	1785055	0.68	cps
Iron	57-2	48699	48368	49173	48747	0.83	cps
Iron	54-2	105597	107134	105214	105982	0.96	cps
Krypton	83-1	260	290	250	267	7.81	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16443	15666	15716	15942	2.73	cps
Lead	207-1	13877	14147	14595	14206	2.55	cps
Lead	208-1	63665	64140	63959	63921	0.38	cps
Lithium	6-1	1651702	1604882	1584622	1613736	2.13	cps
Magnesium	24-2	509302	509840	509035	509392	0.08	cps
Manganese	55-2	8963	8359	8576	8633	3.54	cps
Molybdenum	94-1	48052	47396	47413	47620	0.78	cps
Molybdenum	95-1	56880	57439	57218	57179	0.49	cps
Molybdenum	96-1	62710	62945	63899	63185	1.00	cps
Molybdenum	97-1	35145	35667	35119	35310	0.88	cps
Molybdenum	98-1	89797	92437	92232	91489	1.60	cps
Neodymium	150-1	20	17	7	14	48.02	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	4504	4701	4441	4549	2.98	cps
Phosphorus	31-2	133	180	157	157	14.89	cps
Potassium	39-2	670936	672805	672758	672166	0.16	cps
Rhodium	103-1	8679582	8696372	8741533	8705829	0.37	cps
Rhodium	103-2	5494199	5549431	5442126	5495252	0.98	cps
Scandium	45-1	5642429	5589904	5591039	5607791	0.54	cps
Scandium	45-2	516763	518050	519186	517999	0.23	cps
Selenium	82-1	2355	2362	2435	2384	1.87	cps
Selenium	77-2	183	157	187	176	9.37	cps
Selenium	78-2	1040	883	903	942	9.05	cps
Silicon	28-1	410866	415764	417032	414554	0.79	cps
Silver	107-1	25840	27105	27362	26769	3.04	cps
Silver	109-1	24912	25636	26695	25747	3.48	cps
Sodium	23-2	866198	868970	867238	867469	0.16	cps
Strontium	86-1	8052	8189	8012	8085	1.15	cps
Strontium	88-1	64487	65234	65635	65119	0.89	cps
Sulfur	34-1	223838	223677	226659	224725	0.75	cps
Terbium	159-1	11298158	11271288	11293989	11287812	0.13	cps
Terbium	159-2	7810237	7760759	7699208	7756735	0.72	cps
Thallium	203-1	18576	18993	18743	18771	1.12	cps
Thallium	205-1	45305	44824	45616	45248	0.88	cps
Tin	118-1	2064	1997	2064	2041	1.89	cps
Titanium	47-1	15852	16179	16195	16075	1.21	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BS	Instrumnet Name :	P7
Client Sample ID :	LCS130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:43:06	DataFile Name :	092LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57738	58257	58297	58097	0.54	cps
Vanadium	51-2	45709	45017	45639	45455	0.84	cps
Yttrium	89-1	15117529	15239061	15192633	15183074	0.40	cps
Yttrium	89-2	3956919	3928489	3930722	3938710	0.40	cps
Zinc	66-2	9840	9913	9910	9888	0.42	cps
Zirconium	90-1	40513	40633	40619	40588	0.16	cps
Zirconium	91-1	8833	9350	9043	9075	2.86	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6011	5778	5731	5840	2.57	cps
Antimony	121-1	21957	22070	22087	22038	0.32	cps
Arsenic	75-2	650	730	743	708	7.13	cps
Barium	135-1	26999	27276	27613	27296	1.13	cps
Barium	137-1	46927	46730	46780	46812	0.22	cps
Beryllium	9-1	2033	1967	2023	2008	1.79	cps
Bismuth	209-1	6906628	7106299	7077370	7030099	1.53	cps
Bismuth	209-2	5642112	5663445	5599240	5634932	0.58	cps
Bromine	81-1	9160	8966	9233	9120	1.51	cps
Bromine	81-2	137	133	113	128	9.88	cps
Cadmium	108-1	253	253	307	271	11.36	cps
Cadmium	106-1	3360	3550	3230	3380	4.76	cps
Cadmium	111-1	5782	5858	5590	5744	2.40	cps
Calcium	43-1	17206	17033	17200	17146	0.57	cps
Calcium	44-1	293194	297298	299046	296513	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12889	12502	12769	12720	1.56	cps
Cobalt	59-2	8506	8369	8663	8512	1.73	cps
Copper	63-2	14120	13877	13920	13972	0.93	cps
Dysprosium	156-1	167	187	160	171	8.11	cps
Dysprosium	156-2	33	33	37	34	5.60	cps
Erbium	164-1	60	80	47	62	26.96	cps
Erbium	164-2	40	47	60	49	20.83	cps
Gadolinium	160-1	37	70	43	50	35.28	cps
Gadolinium	160-2	260	270	333	288	13.82	cps
Holmium	165-1	11131877	11228774	11317112	11225921	0.83	cps
Holmium	165-2	8003524	7807499	7842022	7884349	1.33	cps
Indium	115-1	9113413	9215670	9367386	9232156	1.38	cps
Indium	115-2	3281435	3269052	3212453	3254313	1.13	cps
Iron	56-2	982221	983098	978762	981360	0.23	cps
Iron	57-2	26139	26086	25168	25798	2.12	cps
Iron	54-2	55227	55809	56703	55913	1.33	cps
Krypton	83-1	260	303	320	294	10.52	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8343	8803	8586	8577	2.68	cps
Lead	207-1	7526	7509	7692	7576	1.34	cps
Lead	208-1	33980	34207	33883	34023	0.49	cps
Lithium	6-1	1649517	1674641	1672123	1665427	0.83	cps
Magnesium	24-2	261219	260084	260918	260740	0.23	cps
Manganese	55-2	4734	4914	4918	4855	2.16	cps
Molybdenum	94-1	25038	24708	23899	24548	2.39	cps
Molybdenum	95-1	28742	29366	30565	29558	3.14	cps
Molybdenum	96-1	32429	32924	32820	32724	0.80	cps
Molybdenum	97-1	17978	17884	18719	18194	2.51	cps
Molybdenum	98-1	46203	47611	47310	47041	1.58	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	2437	2547	2534	2506	2.40	cps
Phosphorus	31-2	147	127	170	148	14.67	cps
Potassium	39-2	377687	378934	375818	377479	0.42	cps
Rhodium	103-1	8795870	8820485	8730216	8782190	0.53	cps
Rhodium	103-2	5584714	5462057	5499182	5515317	1.14	cps
Scandium	45-1	5662525	5767994	5696313	5708944	0.94	cps
Scandium	45-2	523753	524547	521302	523201	0.32	cps
Selenium	82-1	1455	1450	1381	1429	2.88	cps
Selenium	77-2	107	97	90	98	8.58	cps
Selenium	78-2	587	693	650	643	8.34	cps
Silicon	28-1	353309	356007	360322	356546	0.99	cps
Silver	107-1	13793	14144	14491	14143	2.47	cps
Silver	109-1	13053	13126	13376	13185	1.29	cps
Sodium	23-2	468733	462780	463377	464964	0.71	cps
Strontium	86-1	3891	4294	4211	4132	5.15	cps
Strontium	88-1	33501	33669	33779	33650	0.41	cps
Sulfur	34-1	231089	234096	236824	234003	1.23	cps
Terbium	159-1	11359709	11433578	11622061	11471783	1.18	cps
Terbium	159-2	7677164	7831736	7926372	7811758	1.61	cps
Thallium	203-1	9573	9717	9697	9662	0.80	cps
Thallium	205-1	22846	22732	23580	23053	2.00	cps
Tin	118-1	2077	1957	2067	2034	3.27	cps
Titanium	47-1	8299	8529	8302	8377	1.57	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	PB164130BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD130	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:46:26	DataFile Name :	093LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29286	29506	28858	29217	1.13	cps
Vanadium	51-2	23455	23378	22901	23245	1.29	cps
Yttrium	89-1	15263774	15467566	15656392	15462577	1.27	cps
Yttrium	89-2	4028061	3990827	4014514	4011134	0.47	cps
Zinc	66-2	5394	5654	5411	5487	2.65	cps
Zirconium	90-1	21195	21606	21486	21429	0.99	cps
Zirconium	91-1	4717	4647	4777	4714	1.38	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19635644	19499927	19476001	19537191	0.44	cps
Antimony	121-1	21750	22214	22110	22025	1.11	cps
Arsenic	75-2	438934	437685	438036	438219	0.15	cps
Barium	135-1	605719	598018	605487	603075	0.73	cps
Barium	137-1	1044378	1055240	1052078	1050565	0.53	cps
Beryllium	9-1	1470	1450	1513	1478	2.19	cps
Bismuth	209-1	6770102	6816305	6911187	6832531	1.05	cps
Bismuth	209-2	5367040	5379964	5340651	5362552	0.37	cps
Bromine	81-1	10957	11398	11231	11195	1.99	cps
Bromine	81-2	580	613	733	642	12.56	cps
Cadmium	108-1	460	460	430	450	3.85	cps
Cadmium	106-1	3857	3941	3761	3853	2.34	cps
Cadmium	111-1	3098	3180	3081	3120	1.69	cps
Calcium	43-1	665153	677261	672538	671651	0.91	cps
Calcium	44-1	10056774	10074307	10150789	10093957	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1290616	1286093	1294771	1290494	0.34	cps
Cobalt	59-2	895786	896825	898905	897172	0.18	cps
Copper	63-2	34871679	34864200	34859429	34865103	0.02	cps
Dysprosium	156-1	30256	30396	30757	30470	0.85	cps
Dysprosium	156-2	23233	23430	23400	23354	0.45	cps
Erbium	164-1	37256	37664	38108	37676	1.13	cps
Erbium	164-2	25934	26255	26211	26133	0.67	cps
Gadolinium	160-1	32067	32655	32568	32430	0.98	cps
Gadolinium	160-2	23697	24017	23350	23688	1.41	cps
Holmium	165-1	11295457	11277060	11530923	11367813	1.25	cps
Holmium	165-2	7968429	7897743	7969764	7945312	0.52	cps
Indium	115-1	9075812	9095207	9203919	9124979	0.76	cps
Indium	115-2	3122786	3165151	3200519	3162819	1.23	cps
Iron	56-2	817430228	816734601	808326601	814163810	0.62	cps
Iron	57-2	19985706	20311983	20084412	20127367	0.83	cps
Iron	54-2	45078139	44760328	44448463	44762310	0.70	cps
Krypton	83-1	387	397	380	388	2.16	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	91264	91160	93875	92100	1.67	cps
Lead	207-1	84058	84823	85480	84787	0.84	cps
Lead	208-1	374698	380304	382444	379149	1.06	cps
Lithium	6-1	1638963	1674866	1666702	1660177	1.13	cps
Magnesium	24-2	20909041	21015136	21065484	20996553	0.38	cps
Manganese	55-2	19918326	19937858	19606047	19820744	0.94	cps
Molybdenum	94-1	33208	34838	33953	33999	2.40	cps
Molybdenum	95-1	6972	6825	7168	6988	2.47	cps
Molybdenum	96-1	20161	20127	20147	20145	0.08	cps
Molybdenum	97-1	4021	4047	4191	4086	2.24	cps
Molybdenum	98-1	10564	10347	10417	10443	1.06	cps
Neodymium	150-1	37968	39218	39244	38810	1.88	cps
Neodymium	150-2	22588	22465	22501	22518	0.28	cps
Nickel	60-2	321938	319314	318506	319919	0.56	cps
Phosphorus	31-2	12432	12872	12475	12593	1.93	cps
Potassium	39-2	480267	479899	478198	479455	0.23	cps
Rhodium	103-1	8650369	8668739	8650001	8656370	0.12	cps
Rhodium	103-2	5370209	5363226	5475268	5402901	1.16	cps
Scandium	45-1	6672738	6724156	6727505	6708133	0.46	cps
Scandium	45-2	608810	606715	609719	608415	0.25	cps
Selenium	82-1	616	589	568	591	4.05	cps
Selenium	77-2	137	117	127	127	7.89	cps
Selenium	78-2	377	417	487	427	13.05	cps
Silicon	28-1	32493125	32971086	33025191	32829801	0.89	cps
Silver	107-1	32420	32256	31808	32161	0.98	cps
Silver	109-1	30382	29974	30178	30178	0.68	cps
Sodium	23-2	400373	402360	402470	401734	0.29	cps
Strontium	86-1	346335	348777	346145	347086	0.42	cps
Strontium	88-1	2995227	3044209	3033457	3024298	0.85	cps
Sulfur	34-1	221793	222919	223389	222700	0.37	cps
Terbium	159-1	11708116	11844588	11676102	11742935	0.76	cps
Terbium	159-2	7842496	7899502	7872107	7871368	0.36	cps
Thallium	203-1	697	833	737	756	9.30	cps
Thallium	205-1	1873	1837	1870	1860	1.09	cps
Tin	118-1	17898	18786	18175	18286	2.48	cps
Titanium	47-1	4037667	4028175	4080752	4048865	0.69	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4296-07A	Instrumnet Name :	P7
Client Sample ID :	MYD0Y5ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:49:46	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13711	14017	13604	13777	1.56	cps
Vanadium	51-2	1989756	1989688	1947383	1975609	1.24	cps
Yttrium	89-1	16267700	16602902	16427802	16432802	1.02	cps
Yttrium	89-2	4136078	4107044	4182816	4141979	0.92	cps
Zinc	66-2	544264	545649	543050	544321	0.24	cps
Zirconium	90-1	81116	81538	81330	81328	0.26	cps
Zirconium	91-1	19233	19420	18692	19115	1.98	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13640197	13350638	13456354	13482396	1.09	cps
Antimony	121-1	10571	11144	10854	10856	2.64	cps
Arsenic	75-2	99611	100353	99131	99698	0.62	cps
Barium	135-1	1805767	1838120	1854326	1832738	1.35	cps
Barium	137-1	3142218	3208032	3115317	3155189	1.51	cps
Beryllium	9-1	3290	3350	3354	3332	1.07	cps
Bismuth	209-1	7324013	7201014	7194251	7239759	1.01	cps
Bismuth	209-2	5523838	5519863	5445481	5496394	0.80	cps
Bromine	81-1	12118	12359	12385	12287	1.20	cps
Bromine	81-2	967	913	830	903	7.63	cps
Cadmium	108-1	483	430	390	434	10.78	cps
Cadmium	106-1	4024	4034	4074	4044	0.65	cps
Cadmium	111-1	4869	5003	5139	5004	2.70	cps
Calcium	43-1	360231	368121	366398	364917	1.14	cps
Calcium	44-1	5405321	5492974	5421706	5440000	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	950561	952389	945854	949601	0.36	cps
Cobalt	59-2	658487	658593	659316	658799	0.07	cps
Copper	63-2	1100990	1092946	1097156	1097030	0.37	cps
Dysprosium	156-1	88000	89349	88125	88491	0.84	cps
Dysprosium	156-2	72047	73035	72727	72603	0.70	cps
Erbium	164-1	74997	76089	75516	75534	0.72	cps
Erbium	164-2	51521	51046	51053	51207	0.53	cps
Gadolinium	160-1	80704	81529	81851	81361	0.73	cps
Gadolinium	160-2	60995	61009	60707	60904	0.28	cps
Holmium	165-1	11499640	11703080	11765379	11656033	1.19	cps
Holmium	165-2	7980401	8132581	7926338	8013107	1.33	cps
Indium	115-1	9097128	9026491	8949713	9024444	0.82	cps
Indium	115-2	3133629	3199012	3088253	3140298	1.77	cps
Iron	56-2	776420148	773477935	777277108	775725064	0.26	cps
Iron	57-2	19143303	19290755	19169263	19201107	0.41	cps
Iron	54-2	43016524	42783521	42788066	42862704	0.31	cps
Krypton	83-1	360	397	380	379	4.85	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	307293	312791	313056	311047	1.05	cps
Lead	207-1	264131	267455	272230	267939	1.52	cps
Lead	208-1	1217084	1225785	1234520	1225796	0.71	cps
Lithium	6-1	1694366	1729582	1635246	1686398	2.83	cps
Magnesium	24-2	12326525	12366371	12262449	12318448	0.43	cps
Manganese	55-2	21673542	21430723	21478686	21527651	0.60	cps
Molybdenum	94-1	123142	124638	126343	124708	1.28	cps
Molybdenum	95-1	13376	13737	13436	13516	1.43	cps
Molybdenum	96-1	41044	41425	40700	41056	0.88	cps
Molybdenum	97-1	8439	8259	8312	8337	1.11	cps
Molybdenum	98-1	20531	20785	20705	20674	0.63	cps
Neodymium	150-1	153476	154948	154635	154353	0.50	cps
Neodymium	150-2	89254	88043	88469	88588	0.69	cps
Nickel	60-2	284924	283570	284277	284257	0.24	cps
Phosphorus	31-2	36894	36373	36400	36556	0.80	cps
Potassium	39-2	8156912	8065605	8139514	8120677	0.60	cps
Rhodium	103-1	8631052	8536958	8489043	8552351	0.84	cps
Rhodium	103-2	5416405	5479725	5287116	5394415	1.82	cps
Scandium	45-1	6414894	6408420	6320216	6381177	0.83	cps
Scandium	45-2	582347	582879	580498	581908	0.21	cps
Selenium	82-1	619	677	692	663	5.81	cps
Selenium	77-2	297	367	340	334	10.56	cps
Selenium	78-2	540	563	610	571	6.24	cps
Silicon	28-1	41503554	41775566	41689182	41656100	0.33	cps
Silver	107-1	33365	34748	34020	34044	2.03	cps
Silver	109-1	31187	32386	32216	31930	2.03	cps
Sodium	23-2	188984	188040	188090	188371	0.28	cps
Strontium	86-1	347500	352896	354708	351701	1.07	cps
Strontium	88-1	3049846	2996501	3046541	3030963	0.99	cps
Sulfur	34-1	236478	234861	233468	234936	0.64	cps
Terbium	159-1	11720227	11712961	11936107	11789765	1.08	cps
Terbium	159-2	7930578	7982929	7876163	7929890	0.67	cps
Thallium	203-1	3747	4027	4244	4006	6.22	cps
Thallium	205-1	9523	9573	9433	9510	0.75	cps
Tin	118-1	18071	18435	18615	18374	1.51	cps
Titanium	47-1	1701276	1737542	1715899	1718239	1.06	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4297-14A	Instrumnet Name :	P7
Client Sample ID :	MYDA66ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:52:57	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39539	40949	40007	40165	1.79	cps
Vanadium	51-2	1592102	1537754	1565330	1565062	1.74	cps
Yttrium	89-1	16334278	16479300	16526169	16446582	0.61	cps
Yttrium	89-2	4237933	4245057	4157760	4213583	1.15	cps
Zinc	66-2	223060	221525	222097	222227	0.35	cps
Zirconium	90-1	317142	324122	321563	320943	1.10	cps
Zirconium	91-1	71409	73151	73054	72538	1.35	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20638133	20646861	20899067	20728021	0.71	cps
Antimony	121-1	14571	15355	15131	15019	2.69	cps
Arsenic	75-2	635858	639287	634245	636463	0.40	cps
Barium	135-1	843391	861419	861578	855463	1.22	cps
Barium	137-1	1464435	1495482	1493540	1484486	1.17	cps
Beryllium	9-1	2000	2124	2017	2047	3.27	cps
Bismuth	209-1	6974788	7018160	6917701	6970216	0.72	cps
Bismuth	209-2	5387228	5425272	5476178	5429559	0.82	cps
Bromine	81-1	12819	13193	13400	13137	2.24	cps
Bromine	81-2	947	940	937	941	0.54	cps
Cadmium	108-1	780	713	737	743	4.55	cps
Cadmium	106-1	4294	4131	4177	4201	2.00	cps
Cadmium	111-1	7637	7593	7609	7613	0.29	cps
Calcium	43-1	399323	408953	411794	406690	1.61	cps
Calcium	44-1	6001537	6139359	6150219	6097038	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1335536	1332838	1324585	1330986	0.43	cps
Cobalt	59-2	961368	966385	958135	961963	0.43	cps
Copper	63-2	2260866	2279669	2279303	2273279	0.47	cps
Dysprosium	156-1	48865	50290	50651	49935	1.89	cps
Dysprosium	156-2	38807	39064	39292	39054	0.62	cps
Erbium	164-1	52100	51856	53375	52443	1.56	cps
Erbium	164-2	34683	35455	35569	35235	1.37	cps
Gadolinium	160-1	50089	51337	50240	50555	1.35	cps
Gadolinium	160-2	36748	36481	37430	36886	1.33	cps
Holmium	165-1	11650867	11594497	11431166	11558843	0.99	cps
Holmium	165-2	7853842	7984156	7892330	7910109	0.85	cps
Indium	115-1	8936645	9158423	9114304	9069791	1.29	cps
Indium	115-2	3141632	3123686	3095369	3120229	0.75	cps
Iron	56-2	814034095	817627961	814781801	815481286	0.23	cps
Iron	57-2	20041813	20158429	20026234	20075492	0.36	cps
Iron	54-2	44718278	44785156	44830703	44778045	0.13	cps
Krypton	83-1	357	413	407	392	7.90	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	538668	548977	546796	544814	1.00	cps
Lead	207-1	469454	480742	481347	477181	1.40	cps
Lead	208-1	2151237	2184830	2182021	2172696	0.86	cps
Lithium	6-1	1637131	1618532	1635064	1630242	0.63	cps
Magnesium	24-2	23378063	23229612	23420550	23342742	0.43	cps
Manganese	55-2	14572818	14656533	14600661	14610004	0.29	cps
Molybdenum	94-1	51544	52156	52163	51954	0.68	cps
Molybdenum	95-1	7672	8162	8059	7964	3.24	cps
Molybdenum	96-1	23592	23976	24327	23965	1.53	cps
Molybdenum	97-1	4754	5088	4591	4811	5.26	cps
Molybdenum	98-1	12102	12098	12182	12127	0.39	cps
Neodymium	150-1	71825	73460	73242	72843	1.22	cps
Neodymium	150-2	41223	41307	41531	41354	0.38	cps
Nickel	60-2	342940	342045	341532	342172	0.21	cps
Phosphorus	31-2	31883	31883	31563	31776	0.58	cps
Potassium	39-2	5555635	5607113	5550034	5570927	0.56	cps
Rhodium	103-1	8531783	8623911	8578487	8578060	0.54	cps
Rhodium	103-2	5360050	5384508	5411580	5385379	0.48	cps
Scandium	45-1	6627557	6674097	6647289	6649648	0.35	cps
Scandium	45-2	610501	610984	611339	610941	0.07	cps
Selenium	82-1	736	594	633	654	11.21	cps
Selenium	77-2	193	153	233	193	20.69	cps
Selenium	78-2	490	487	523	500	4.06	cps
Silicon	28-1	37235540	37983067	38056928	37758512	1.20	cps
Silver	107-1	38006	39483	38384	38625	1.99	cps
Silver	109-1	35336	36476	36242	36018	1.67	cps
Sodium	23-2	212644	211959	214996	213199	0.75	cps
Strontium	86-1	236597	240347	240130	239025	0.88	cps
Strontium	88-1	2020403	2090267	2074470	2061713	1.78	cps
Sulfur	34-1	236357	238035	235413	236602	0.56	cps
Terbium	159-1	11873054	11840438	11926793	11880095	0.37	cps
Terbium	159-2	7684262	7779762	7844956	7769660	1.04	cps
Thallium	203-1	2214	2214	2367	2265	3.91	cps
Thallium	205-1	5171	5531	5521	5408	3.79	cps
Tin	118-1	24234	24234	24678	24382	1.05	cps
Titanium	47-1	2495126	2602265	2611587	2569660	2.52	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16A	Instrumnet Name :	P7
Client Sample ID :	MYDA88ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:56:06	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21975	22088	22452	22172	1.13	cps
Vanadium	51-2	2018166	1981566	2027632	2009121	1.21	cps
Yttrium	89-1	16361616	16570592	16511464	16481224	0.65	cps
Yttrium	89-2	4170867	4168046	4132247	4157053	0.52	cps
Zinc	66-2	294721	296178	296468	295789	0.32	cps
Zirconium	90-1	127622	130839	131297	129919	1.54	cps
Zirconium	91-1	28935	30325	30061	29774	2.48	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5826761	5858150	5817255	5834055	0.37	cps
Antimony	121-1	9623	9453	9630	9569	1.05	cps
Arsenic	75-2	299762	298636	298266	298888	0.26	cps
Barium	135-1	1803338	1762233	1758073	1774548	1.41	cps
Barium	137-1	3002169	3099177	3023045	3041464	1.68	cps
Beryllium	9-1	1310	1387	1327	1341	3.01	cps
Bismuth	209-1	6953352	6819655	6920802	6897936	1.01	cps
Bismuth	209-2	5438821	5319048	5452203	5403357	1.36	cps
Bromine	81-1	9987	10677	10290	10318	3.35	cps
Bromine	81-2	427	440	420	429	2.37	cps
Cadmium	108-1	240	223	223	229	4.20	cps
Cadmium	106-1	3454	3404	3527	3462	1.79	cps
Cadmium	111-1	3346	3320	3369	3345	0.74	cps
Calcium	43-1	211868	216079	216450	214799	1.18	cps
Calcium	44-1	3195925	3292224	3297938	3262029	1.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	276991	279811	279599	278800	0.56	cps
Cobalt	59-2	321846	321112	320669	321209	0.19	cps
Copper	63-2	541303	545050	545620	543991	0.43	cps
Dysprosium	156-1	39378	39646	40024	39683	0.82	cps
Dysprosium	156-2	33206	33206	33858	33423	1.13	cps
Erbium	164-1	32141	33373	32772	32762	1.88	cps
Erbium	164-2	22565	22575	22542	22560	0.08	cps
Gadolinium	160-1	36006	37132	37089	36743	1.74	cps
Gadolinium	160-2	26889	26388	26625	26634	0.94	cps
Holmium	165-1	11158775	11421654	11467939	11349456	1.47	cps
Holmium	165-2	7707876	7612676	7766094	7695549	1.01	cps
Indium	115-1	9089698	9054570	9183030	9109100	0.73	cps
Indium	115-2	3163971	3082602	3124290	3123621	1.30	cps
Iron	56-2	254125030	254500870	252570363	253732087	0.40	cps
Iron	57-2	6288718	6165725	6253067	6235837	1.01	cps
Iron	54-2	13894580	13930879	13891340	13905600	0.16	cps
Krypton	83-1	253	327	330	303	14.29	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	231447	236004	237302	234918	1.31	cps
Lead	207-1	190585	188763	190792	190047	0.59	cps
Lead	208-1	878605	894022	892273	888300	0.95	cps
Lithium	6-1	1596536	1578258	1600918	1591904	0.76	cps
Magnesium	24-2	5292140	5267910	5255183	5271744	0.36	cps
Manganese	55-2	15963674	15989536	15912646	15955285	0.25	cps
Molybdenum	94-1	44624	45337	44537	44833	0.98	cps
Molybdenum	95-1	11374	11441	11788	11535	1.93	cps
Molybdenum	96-1	20504	20958	21065	20843	1.43	cps
Molybdenum	97-1	6928	6758	6988	6892	1.73	cps
Molybdenum	98-1	17471	18251	18488	18070	2.95	cps
Neodymium	150-1	74713	76013	75849	75525	0.94	cps
Neodymium	150-2	43286	43898	43366	43517	0.76	cps
Nickel	60-2	83916	83917	82539	83457	0.95	cps
Phosphorus	31-2	17400	17030	17707	17379	1.95	cps
Potassium	39-2	2404531	2392559	2358290	2385127	1.01	cps
Rhodium	103-1	8601226	8505079	8652738	8586348	0.87	cps
Rhodium	103-2	5329802	5380841	5375507	5362050	0.52	cps
Scandium	45-1	5763201	5732469	5823181	5772950	0.80	cps
Scandium	45-2	538001	534528	534980	535836	0.35	cps
Selenium	82-1	613	542	498	551	10.52	cps
Selenium	77-2	147	157	147	150	3.85	cps
Selenium	78-2	467	480	467	471	1.63	cps
Silicon	28-1	28849245	29091332	29207868	29049482	0.63	cps
Silver	107-1	32403	33425	33138	32989	1.60	cps
Silver	109-1	31117	31838	31655	31537	1.19	cps
Sodium	23-2	153779	153688	156878	154782	1.17	cps
Strontium	86-1	281263	287528	290622	286471	1.66	cps
Strontium	88-1	2445107	2507762	2522910	2491926	1.66	cps
Sulfur	34-1	225818	220045	214078	219980	2.67	cps
Terbium	159-1	11546709	11474005	11612260	11544325	0.60	cps
Terbium	159-2	7807176	7810499	7654087	7757254	1.15	cps
Thallium	203-1	6625	7032	6755	6804	3.05	cps
Thallium	205-1	16086	16393	16597	16359	1.57	cps
Tin	118-1	28986	29467	30091	29515	1.88	cps
Titanium	47-1	1262585	1275938	1287686	1275403	0.98	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4299-19A	Instrumnet Name :	P7
Client Sample ID :	MYDAB1ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 07:59:14	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28270	28805	28577	28551	0.94	cps
Vanadium	51-2	602560	608372	607123	606018	0.50	cps
Yttrium	89-1	15922326	16015036	16047803	15995055	0.41	cps
Yttrium	89-2	4045211	4085200	4053394	4061268	0.52	cps
Zinc	66-2	107470	106584	107003	107019	0.41	cps
Zirconium	90-1	105150	109526	108309	107662	2.10	cps
Zirconium	91-1	23499	23689	24270	23819	1.69	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5396827	5355129	5325510	5359155	0.67	cps
Antimony	121-1	4711	4834	4581	4709	2.69	cps
Arsenic	75-2	47021	46526	46365	46637	0.73	cps
Barium	135-1	224019	225596	226085	225233	0.48	cps
Barium	137-1	383610	393498	394104	390404	1.51	cps
Beryllium	9-1	553	553	563	557	1.04	cps
Bismuth	209-1	6862049	7042906	7046173	6983709	1.51	cps
Bismuth	209-2	5459133	5574744	5616056	5549978	1.47	cps
Bromine	81-1	9940	9950	9443	9778	2.96	cps
Bromine	81-2	287	333	287	302	8.92	cps
Cadmium	108-1	190	180	190	187	3.09	cps
Cadmium	106-1	3590	3464	3297	3450	4.26	cps
Cadmium	111-1	3674	3725	3475	3625	3.65	cps
Calcium	43-1	105480	106862	107091	106478	0.82	cps
Calcium	44-1	1579483	1601901	1607012	1596132	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	350939	352499	351428	351622	0.23	cps
Cobalt	59-2	255331	255324	254025	254893	0.29	cps
Copper	63-2	604281	606414	601468	604054	0.41	cps
Dysprosium	156-1	13069	13063	12973	13035	0.41	cps
Dysprosium	156-2	9947	10234	10491	10224	2.66	cps
Erbium	164-1	13437	13834	13860	13710	1.73	cps
Erbium	164-2	8823	9410	9190	9141	3.24	cps
Gadolinium	160-1	12973	13276	13160	13136	1.17	cps
Gadolinium	160-2	9657	9490	9797	9648	1.59	cps
Holmium	165-1	11416545	11422015	11484294	11440951	0.33	cps
Holmium	165-2	7820843	7871551	7984709	7892368	1.06	cps
Indium	115-1	9127826	9235159	9247294	9203426	0.71	cps
Indium	115-2	3175469	3188111	3159201	3174261	0.46	cps
Iron	56-2	213447823	217141923	214291063	214960270	0.90	cps
Iron	57-2	5233801	5280293	5199652	5237915	0.77	cps
Iron	54-2	11890587	11735354	11690278	11772073	0.89	cps
Krypton	83-1	363	327	313	334	7.74	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	142455	145132	142203	143264	1.13	cps
Lead	207-1	125423	126855	125675	125985	0.61	cps
Lead	208-1	569869	574007	573395	572424	0.39	cps
Lithium	6-1	1586604	1620471	1555608	1587561	2.04	cps
Magnesium	24-2	6031070	6044825	6012539	6029478	0.27	cps
Manganese	55-2	3866247	3929579	3908144	3901323	0.83	cps
Molybdenum	94-1	12602	13199	12949	12917	2.32	cps
Molybdenum	95-1	2177	2177	2127	2160	1.34	cps
Molybdenum	96-1	6478	6368	6525	6457	1.25	cps
Molybdenum	97-1	1323	1337	1320	1327	0.67	cps
Molybdenum	98-1	3254	3200	3437	3297	3.77	cps
Neodymium	150-1	19173	18502	18666	18780	1.86	cps
Neodymium	150-2	10644	11014	10728	10795	1.80	cps
Nickel	60-2	91701	90836	92593	91710	0.96	cps
Phosphorus	31-2	8466	8372	8539	8459	0.99	cps
Potassium	39-2	1504566	1530060	1503945	1512857	0.99	cps
Rhodium	103-1	8735112	8742235	8781939	8753095	0.29	cps
Rhodium	103-2	5489111	5444424	5538044	5490526	0.85	cps
Scandium	45-1	5982408	5973243	6049465	6001706	0.69	cps
Scandium	45-2	550997	549004	552318	550773	0.30	cps
Selenium	82-1	392	518	545	485	16.78	cps
Selenium	77-2	57	43	47	49	14.20	cps
Selenium	78-2	373	363	363	367	1.57	cps
Silicon	28-1	8596140	8701596	8703689	8667142	0.71	cps
Silver	107-1	1843	1883	1857	1861	1.09	cps
Silver	109-1	1710	1747	1733	1730	1.07	cps
Sodium	23-2	96674	95789	96077	96180	0.47	cps
Strontium	86-1	62154	62951	62924	62676	0.72	cps
Strontium	88-1	539572	548976	549234	545928	1.01	cps
Sulfur	34-1	224414	221880	219751	222015	1.05	cps
Terbium	159-1	11581409	11617837	11664742	11621329	0.36	cps
Terbium	159-2	7959270	7752310	7826554	7846044	1.34	cps
Thallium	203-1	603	620	657	627	4.35	cps
Thallium	205-1	1513	1553	1570	1546	1.88	cps
Tin	118-1	7886	8139	7972	7999	1.61	cps
Titanium	47-1	665973	674067	676226	672089	0.80	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:05:37	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5568	5721	5705	5665	1.49	cps
Vanadium	51-2	543104	545865	545344	544771	0.27	cps
Yttrium	89-1	15898004	15884146	15821710	15867953	0.26	cps
Yttrium	89-2	4040712	4038511	4062491	4047238	0.33	cps
Zinc	66-2	79510	79668	79912	79697	0.25	cps
Zirconium	90-1	31814	32122	32439	32125	0.97	cps
Zirconium	91-1	7185	7345	7005	7178	2.37	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5154999	5207469	5157273	5173247	0.57	cps
Antimony	121-1	4314	4481	4721	4505	4.54	cps
Arsenic	75-2	43945	44376	43898	44073	0.60	cps
Barium	135-1	217531	219323	219700	218852	0.53	cps
Barium	137-1	373689	380965	376091	376915	0.98	cps
Beryllium	9-1	480	523	577	527	9.19	cps
Bismuth	209-1	6984507	7065049	7249943	7099833	1.92	cps
Bismuth	209-2	5643278	5442817	5549978	5545357	1.81	cps
Bromine	81-1	10080	9897	10160	10046	1.34	cps
Bromine	81-2	333	327	257	306	13.90	cps
Cadmium	108-1	160	170	170	167	3.46	cps
Cadmium	106-1	3207	3447	3170	3275	4.59	cps
Cadmium	111-1	3486	3641	3507	3545	2.36	cps
Calcium	43-1	101929	104875	102734	103179	1.48	cps
Calcium	44-1	1576916	1597401	1599478	1591265	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	339438	336543	334142	336708	0.79	cps
Cobalt	59-2	250419	247669	243789	247292	1.35	cps
Copper	63-2	589071	581514	585571	585386	0.65	cps
Dysprosium	156-1	12349	12846	12569	12588	1.98	cps
Dysprosium	156-2	9854	10004	9667	9841	1.72	cps
Erbium	164-1	13503	13597	12853	13318	3.04	cps
Erbium	164-2	8820	9203	9113	9045	2.22	cps
Gadolinium	160-1	12469	13190	13080	12913	3.01	cps
Gadolinium	160-2	9613	9447	9400	9487	1.18	cps
Holmium	165-1	11351159	11383604	11410216	11381659	0.26	cps
Holmium	165-2	7888326	7809482	7937089	7878299	0.82	cps
Indium	115-1	9218282	9270155	9311028	9266488	0.50	cps
Indium	115-2	3209822	3192607	3198270	3200233	0.27	cps
Iron	56-2	206484470	204792770	204439777	205239006	0.53	cps
Iron	57-2	5163740	5074695	4986356	5074930	1.75	cps
Iron	54-2	11398782	11384222	11197392	11326799	0.99	cps
Krypton	83-1	257	327	313	299	12.44	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	137215	141674	139232	139373	1.60	cps
Lead	207-1	122332	123838	124380	123517	0.86	cps
Lead	208-1	551445	563854	561784	559028	1.19	cps
Lithium	6-1	1621317	1615253	1628710	1621760	0.42	cps
Magnesium	24-2	5832947	5795209	5754205	5794120	0.68	cps
Manganese	55-2	3720980	3716260	3667523	3701588	0.80	cps
Molybdenum	94-1	12636	13416	13006	13019	3.00	cps
Molybdenum	95-1	2230	2220	2017	2156	5.59	cps
Molybdenum	96-1	6425	6101	6365	6297	2.73	cps
Molybdenum	97-1	1213	1323	1293	1277	4.45	cps
Molybdenum	98-1	3197	3304	3160	3220	2.31	cps
Neodymium	150-1	18075	18612	18232	18306	1.51	cps
Neodymium	150-2	10434	10577	10781	10597	1.65	cps
Nickel	60-2	87610	86581	88395	87529	1.04	cps
Phosphorus	31-2	8342	7952	7875	8057	3.11	cps
Potassium	39-2	1457589	1438418	1423340	1439782	1.19	cps
Rhodium	103-1	8710443	8738199	8858049	8768897	0.89	cps
Rhodium	103-2	5466829	5550975	5516587	5511463	0.77	cps
Scandium	45-1	6044981	5950653	6045345	6013660	0.91	cps
Scandium	45-2	554161	545067	547516	548914	0.86	cps
Selenium	82-1	606	509	527	548	9.43	cps
Selenium	77-2	33	37	53	41	26.06	cps
Selenium	78-2	443	320	340	368	18.00	cps
Silicon	28-1	9317668	9319588	9809859	9482372	2.99	cps
Silver	107-1	1937	1700	1837	1825	6.51	cps
Silver	109-1	1537	1610	1573	1573	2.33	cps
Sodium	23-2	92871	92368	93300	92846	0.50	cps
Strontium	86-1	59881	61233	62529	61214	2.16	cps
Strontium	88-1	524583	536049	535411	532014	1.21	cps
Sulfur	34-1	222559	220095	221481	221379	0.56	cps
Terbium	159-1	11728565	11703610	11740883	11724352	0.16	cps
Terbium	159-2	7864483	7846401	7752516	7821134	0.77	cps
Thallium	203-1	643	667	590	633	6.21	cps
Thallium	205-1	1367	1513	1433	1438	5.11	cps
Tin	118-1	7745	7782	7846	7791	0.65	cps
Titanium	47-1	674690	684618	692551	683953	1.31	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-17DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88D	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:08:51	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5495	5508	5541	5515	0.44	cps
Vanadium	51-2	524070	523254	518995	522106	0.52	cps
Yttrium	89-1	15898688	16035055	15906285	15946676	0.48	cps
Yttrium	89-2	4132834	4032560	3986279	4050558	1.85	cps
Zinc	66-2	78565	77871	76615	77684	1.27	cps
Zirconium	90-1	31684	32349	34747	32927	4.89	cps
Zirconium	91-1	7299	7188	7389	7292	1.37	cps

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On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1108962	1105410	1100936	1105103	0.36	cps
Antimony	121-1	957	960	927	948	1.94	cps
Arsenic	75-2	9466	9236	8929	9211	2.92	cps
Barium	135-1	43623	44369	44539	44177	1.10	cps
Barium	137-1	77758	78663	76997	77806	1.07	cps
Beryllium	9-1	90	140	130	120	22.05	cps
Bismuth	209-1	6929543	6981344	7308800	7073229	2.91	cps
Bismuth	209-2	5563131	5504420	5582278	5549943	0.73	cps
Bromine	81-1	8999	8989	9580	9190	3.68	cps
Bromine	81-2	200	140	130	157	24.17	cps
Cadmium	108-1	37	53	43	44	18.87	cps
Cadmium	106-1	3110	3114	3087	3104	0.47	cps
Cadmium	111-1	2452	2369	2407	2409	1.72	cps
Calcium	43-1	21038	21115	20888	21014	0.55	cps
Calcium	44-1	353099	358189	366655	359315	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70859	69352	69338	69850	1.25	cps
Cobalt	59-2	50310	50414	51006	50577	0.74	cps
Copper	63-2	121585	120379	120769	120911	0.51	cps
Dysprosium	156-1	2564	2584	2780	2643	4.53	cps
Dysprosium	156-2	2074	1973	1953	2000	3.21	cps
Erbium	164-1	2674	2727	2794	2731	2.20	cps
Erbium	164-2	1883	1810	1830	1841	2.06	cps
Gadolinium	160-1	2590	2784	2640	2671	3.76	cps
Gadolinium	160-2	2054	2177	2177	2136	3.33	cps
Holmium	165-1	11414982	11260114	11212246	11295781	0.94	cps
Holmium	165-2	7912041	7743810	7816021	7823957	1.08	cps
Indium	115-1	9167181	9131081	9244218	9180827	0.63	cps
Indium	115-2	3199449	3133898	3161001	3164783	1.04	cps
Iron	56-2	42244172	42104772	41761169	42036704	0.59	cps
Iron	57-2	1112142	1103660	1107049	1107617	0.39	cps
Iron	54-2	2332320	2338649	2376438	2349136	1.02	cps
Krypton	83-1	270	300	307	292	6.68	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	28163	28657	28704	28508	1.05	cps
Lead	207-1	25698	25838	25464	25667	0.74	cps
Lead	208-1	113922	115367	116292	115194	1.04	cps
Lithium	6-1	1624810	1603061	1690958	1639610	2.79	cps
Magnesium	24-2	1200913	1179079	1202679	1194224	1.10	cps
Manganese	55-2	798352	786594	789225	791390	0.78	cps
Molybdenum	94-1	2717	2440	2670	2609	5.68	cps
Molybdenum	95-1	490	433	600	508	16.69	cps
Molybdenum	96-1	1503	1350	1497	1450	5.98	cps
Molybdenum	97-1	357	303	350	337	8.63	cps
Molybdenum	98-1	777	797	880	818	6.70	cps
Neodymium	150-1	3781	3787	3924	3831	2.11	cps
Neodymium	150-2	2184	2137	2060	2127	2.93	cps
Nickel	60-2	18658	18241	18181	18360	1.42	cps
Phosphorus	31-2	1903	1873	1837	1871	1.78	cps
Potassium	39-2	374476	370572	370167	371739	0.64	cps
Rhodium	103-1	8843575	8838925	8813801	8832100	0.18	cps
Rhodium	103-2	5528921	5444283	5435845	5469683	0.94	cps
Scandium	45-1	5713816	5749271	5795700	5752929	0.71	cps
Scandium	45-2	524715	521091	522814	522874	0.35	cps
Selenium	82-1	574	537	537	549	3.96	cps
Selenium	77-2	17	7	7	10	57.72	cps
Selenium	78-2	393	297	333	341	14.31	cps
Silicon	28-1	1991827	1995147	2044169	2010381	1.46	cps
Silver	107-1	403	340	470	404	16.07	cps
Silver	109-1	313	370	353	346	8.43	cps
Sodium	23-2	58594	58825	58256	58559	0.49	cps
Strontium	86-1	12162	12949	12939	12683	3.56	cps
Strontium	88-1	106290	108641	109081	108004	1.39	cps
Sulfur	34-1	222466	221327	220802	221531	0.38	cps
Terbium	159-1	12012905	11629967	11525416	11722763	2.19	cps
Terbium	159-2	7769753	7800998	7807946	7792899	0.26	cps
Thallium	203-1	217	210	243	223	7.90	cps
Thallium	205-1	563	460	550	524	10.72	cps
Tin	118-1	3240	3337	2954	3177	6.28	cps
Titanium	47-1	132056	134985	132540	133194	1.18	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYDA88L	Dilution Factor :	20
Date & Time Acquired :	2024-10-25 08:12:08	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1133	1160	1023	1106	6.55	cps
Vanadium	51-2	106486	106150	104689	105775	0.90	cps
Yttrium	89-1	15576789	15451117	15984404	15670770	1.78	cps
Yttrium	89-2	3946616	3964630	3959006	3956751	0.23	cps
Zinc	66-2	16666	16966	16906	16846	0.94	cps
Zirconium	90-1	6782	6702	6888	6791	1.38	cps
Zirconium	91-1	1497	1537	1613	1549	3.83	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5415715	5403050	5362537	5393767	0.52	cps
Antimony	121-1	174643	177147	175349	175713	0.73	cps
Arsenic	75-2	48863	49683	48623	49056	1.13	cps
Barium	135-1	1098806	1112419	1109211	1106812	0.64	cps
Barium	137-1	1990114	2012514	1989354	1997328	0.66	cps
Beryllium	9-1	16159	16469	17046	16558	2.72	cps
Bismuth	209-1	7161597	7162492	7060825	7128304	0.82	cps
Bismuth	209-2	5555389	5487271	5467458	5503373	0.84	cps
Bromine	81-1	9610	9917	9870	9799	1.69	cps
Bromine	81-2	290	353	287	310	12.12	cps
Cadmium	108-1	1727	1730	1773	1743	1.49	cps
Cadmium	106-1	5364	5344	5411	5373	0.64	cps
Cadmium	111-1	25177	25685	26389	25751	2.36	cps
Calcium	43-1	102258	106181	105084	104508	1.94	cps
Calcium	44-1	1572408	1577356	1581740	1577168	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511732	515365	510765	512621	0.47	cps
Cobalt	59-2	905626	903449	903898	904324	0.13	cps
Copper	63-2	815704	813506	806377	811862	0.60	cps
Dysprosium	156-1	12546	13013	13073	12877	2.24	cps
Dysprosium	156-2	10250	9890	10327	10156	2.30	cps
Erbium	164-1	13326	13587	13450	13454	0.97	cps
Erbium	164-2	9156	9243	9033	9144	1.15	cps
Gadolinium	160-1	13016	12863	13126	13002	1.02	cps
Gadolinium	160-2	9577	9500	9690	9589	1.00	cps
Holmium	165-1	11424875	11399579	11565198	11463217	0.78	cps
Holmium	165-2	7977846	7854185	7855691	7895907	0.90	cps
Indium	115-1	9239251	9196288	9141568	9192369	0.53	cps
Indium	115-2	3246136	3183390	3145694	3191740	1.59	cps
Iron	56-2	210799710	208512630	209621537	209644626	0.55	cps
Iron	57-2	5126539	5187921	5140263	5151575	0.63	cps
Iron	54-2	11527650	11477037	11529811	11511499	0.26	cps
Krypton	83-1	310	293	320	308	4.38	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	164695	166520	166510	165908	0.63	cps
Lead	207-1	143664	148896	146726	146429	1.80	cps
Lead	208-1	655692	668936	669316	664648	1.17	cps
Lithium	6-1	1638106	1643292	1653224	1644874	0.47	cps
Magnesium	24-2	5862291	5896685	5877061	5878679	0.29	cps
Manganese	55-2	4071859	3997121	4024484	4031155	0.94	cps
Molybdenum	94-1	12792	13153	12609	12851	2.15	cps
Molybdenum	95-1	2300	2064	2364	2242	7.05	cps
Molybdenum	96-1	6185	6498	6321	6335	2.48	cps
Molybdenum	97-1	1320	1397	1107	1275	11.79	cps
Molybdenum	98-1	3410	3340	3350	3367	1.12	cps
Neodymium	150-1	18412	18699	18773	18628	1.02	cps
Neodymium	150-2	10621	10744	10784	10716	0.80	cps
Nickel	60-2	256050	257791	254074	255972	0.73	cps
Phosphorus	31-2	8366	8116	8099	8193	1.82	cps
Potassium	39-2	1468861	1456512	1446076	1457150	0.78	cps
Rhodium	103-1	8785711	8862418	8648229	8765453	1.24	cps
Rhodium	103-2	5424563	5458951	5428581	5437365	0.35	cps
Scandium	45-1	5921434	5988252	5937367	5949018	0.59	cps
Scandium	45-2	544720	539562	541053	541778	0.49	cps
Selenium	82-1	3992	4063	4150	4068	1.94	cps
Selenium	77-2	397	307	350	351	12.82	cps
Selenium	78-2	1463	1433	1440	1446	1.09	cps
Silicon	28-1	8854114	9150951	9027150	9010739	1.65	cps
Silver	107-1	99424	102314	101773	101170	1.52	cps
Silver	109-1	93868	96971	96227	95689	1.69	cps
Sodium	23-2	89196	89086	89149	89144	0.06	cps
Strontium	86-1	61668	62803	62512	62328	0.95	cps
Strontium	88-1	526507	537471	539191	534390	1.29	cps
Sulfur	34-1	225888	223013	223009	223970	0.74	cps
Terbium	159-1	11878368	11785215	11504949	11722844	1.66	cps
Terbium	159-2	7976413	7756873	7727036	7820107	1.74	cps
Thallium	203-1	74757	74690	75839	75095	0.86	cps
Thallium	205-1	178863	181062	181578	180501	0.80	cps
Tin	118-1	7402	7632	7652	7562	1.84	cps
Titanium	47-1	668262	678213	678706	675061	0.87	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-18DLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88S	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:15:27	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5675	5575	5451	5567	2.01	cps
Vanadium	51-2	907021	909831	906699	907850	0.19	cps
Yttrium	89-1	15768321	15844501	15694441	15769087	0.48	cps
Yttrium	89-2	4027768	3986768	4011025	4008520	0.51	cps
Zinc	66-2	150096	148601	149510	149402	0.50	cps
Zirconium	90-1	31851	31664	31785	31767	0.30	cps
Zirconium	91-1	6688	7272	6998	6986	4.18	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5726655	5674593	5690554	5697267	0.47	cps
Antimony	121-1	835221	846003	845460	842228	0.72	cps
Arsenic	75-2	64821	64011	64218	64350	0.65	cps
Barium	135-1	4381852	4448090	4463585	4431176	0.98	cps
Barium	137-1	7503636	7601031	7662681	7589116	1.06	cps
Beryllium	9-1	71768	73432	74183	73127	1.69	cps
Bismuth	209-1	7154687	6930375	7069129	7051397	1.61	cps
Bismuth	209-2	5512516	5532766	5456220	5500501	0.72	cps
Bromine	81-1	9970	10220	9857	10016	1.86	cps
Bromine	81-2	287	283	283	284	0.68	cps
Cadmium	108-1	7425	7319	7315	7353	0.85	cps
Cadmium	106-1	13490	13179	13743	13471	2.10	cps
Cadmium	111-1	112681	114150	113358	113396	0.65	cps
Calcium	43-1	103016	105043	104869	104309	1.08	cps
Calcium	44-1	1582072	1610920	1576627	1589873	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1120725	1112674	1112811	1115403	0.41	cps
Cobalt	59-2	3120222	3144742	3089482	3118149	0.89	cps
Copper	63-2	1572145	1570135	1549511	1563930	0.80	cps
Dysprosium	156-1	13296	13023	13086	13135	1.09	cps
Dysprosium	156-2	10394	10684	10074	10384	2.94	cps
Erbium	164-1	13570	13837	14017	13808	1.63	cps
Erbium	164-2	9233	9043	9383	9220	1.85	cps
Gadolinium	160-1	13150	13690	12889	13243	3.08	cps
Gadolinium	160-2	9950	9834	9817	9867	0.74	cps
Holmium	165-1	11438562	11313776	11438410	11396916	0.63	cps
Holmium	165-2	7910992	7845930	7882722	7879882	0.41	cps
Indium	115-1	9086596	9191031	9053085	9110237	0.79	cps
Indium	115-2	3149485	3116937	3132034	3132819	0.52	cps
Iron	56-2	213763510	212051777	211630337	212481875	0.53	cps
Iron	57-2	5248997	5235718	5231869	5238861	0.17	cps
Iron	54-2	12000151	11702113	11711074	11804446	1.44	cps
Krypton	83-1	307	343	293	314	8.23	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	261555	263161	268178	264298	1.31	cps
Lead	207-1	229269	233279	232352	231633	0.91	cps
Lead	208-1	1046440	1053327	1062823	1054197	0.78	cps
Lithium	6-1	1612725	1671030	1631431	1638396	1.82	cps
Magnesium	24-2	5978263	5939953	6021857	5980024	0.69	cps
Manganese	55-2	5123166	5022085	5075110	5073453	1.00	cps
Molybdenum	94-1	13066	13129	13169	13122	0.40	cps
Molybdenum	95-1	2013	2320	2154	2162	7.10	cps
Molybdenum	96-1	6315	6778	6708	6600	3.79	cps
Molybdenum	97-1	1253	1260	1327	1280	3.17	cps
Molybdenum	98-1	3460	3217	3354	3344	3.65	cps
Neodymium	150-1	18365	19196	18749	18770	2.22	cps
Neodymium	150-2	10888	10527	10851	10755	1.84	cps
Nickel	60-2	837031	829790	831488	832770	0.45	cps
Phosphorus	31-2	8489	8159	8276	8308	2.02	cps
Potassium	39-2	1482195	1463314	1463526	1469679	0.74	cps
Rhodium	103-1	8642176	8677037	8633122	8650778	0.27	cps
Rhodium	103-2	5482146	5376156	5402263	5420188	1.02	cps
Scandium	45-1	5858959	5884549	5881115	5874874	0.24	cps
Scandium	45-2	537167	535165	536081	536138	0.19	cps
Selenium	82-1	15030	15180	15235	15148	0.70	cps
Selenium	77-2	1427	1457	1443	1442	1.04	cps
Selenium	78-2	5088	4727	4861	4892	3.72	cps
Silicon	28-1	9031083	9147432	9105209	9094575	0.65	cps
Silver	107-1	389055	402033	400284	397124	1.77	cps
Silver	109-1	365237	373886	383719	374281	2.47	cps
Sodium	23-2	87211	88328	88375	87972	0.75	cps
Strontium	86-1	61471	62328	62806	62202	1.09	cps
Strontium	88-1	537118	541952	544237	541102	0.67	cps
Sulfur	34-1	224117	222323	220768	222403	0.75	cps
Terbium	159-1	11736451	11682316	11849958	11756242	0.73	cps
Terbium	159-2	7822423	7670085	7807063	7766524	1.08	cps
Thallium	203-1	363047	372909	371760	369239	1.46	cps
Thallium	205-1	876190	891124	892222	886512	1.01	cps
Tin	118-1	7575	7772	7692	7680	1.29	cps
Titanium	47-1	669764	677001	680372	675712	0.80	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	P4298-16MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYDA88SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-25 08:18:42	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5738	5885	5628	5750	2.24	cps
Vanadium	51-2	2156188	2127588	2163544	2149106	0.88	cps
Yttrium	89-1	15781167	15678921	15695891	15718660	0.35	cps
Yttrium	89-2	3953007	3900563	3960424	3937998	0.83	cps
Zinc	66-2	405167	402155	402274	403199	0.42	cps
Zirconium	90-1	31654	32509	32867	32343	1.93	cps
Zirconium	91-1	7285	7349	7652	7429	2.64	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12630504	12595601	12539972	12588692	0.36	cps
Antimony	121-1	5161868	5196824	5170976	5176556	0.35	cps
Arsenic	75-2	283333	280719	282151	282068	0.46	cps
Barium	135-1	6814505	6912010	6872636	6866383	0.71	cps
Barium	137-1	11758116	11891901	11989110	11879709	0.98	cps
Beryllium	9-1	886001	903857	898634	896164	1.02	cps
Bismuth	209-1	6497902	6730518	6582274	6603564	1.78	cps
Bismuth	209-2	5020999	5095027	5026847	5047624	0.82	cps
Bromine	81-1	8959	8873	9046	8959	0.97	cps
Bromine	81-2	90	90	103	94	8.15	cps
Cadmium	108-1	101337	101354	101283	101325	0.04	cps
Cadmium	106-1	146437	147382	147150	146990	0.34	cps
Cadmium	111-1	1369961	1387636	1388976	1382191	0.77	cps
Calcium	43-1	7589767	7656551	7660765	7635694	0.52	cps
Calcium	44-1	123012745	122910408	121911242	122611465	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2348577	2311116	2319849	2326514	0.84	cps
Cobalt	59-2	3869842	3867440	3815834	3851039	0.79	cps
Copper	63-2	26699927	26596498	26811928	26702784	0.40	cps
Dysprosium	156-1	393	370	390	384	3.28	cps
Dysprosium	156-2	407	413	483	434	9.78	cps
Erbium	164-1	280	310	340	310	9.68	cps
Erbium	164-2	207	267	217	230	13.98	cps
Gadolinium	160-1	237	253	220	237	7.04	cps
Gadolinium	160-2	380	463	490	444	12.91	cps
Holmium	165-1	11290424	11432271	11292197	11338297	0.72	cps
Holmium	165-2	7760948	7789084	7667272	7739101	0.82	cps
Indium	115-1	8658381	8570328	8521453	8583387	0.81	cps
Indium	115-2	2960282	2956769	2966539	2961197	0.17	cps
Iron	56-2	501807553	498258886	501456193	500507544	0.39	cps
Iron	57-2	12396174	12372836	12303772	12357594	0.39	cps
Iron	54-2	27696714	27294814	27360443	27450657	0.79	cps
Krypton	83-1	357	307	330	331	7.56	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19603219	20318417	19984548	19968728	1.79	cps
Lead	207-1	17131581	17891536	17511715	17511610	2.17	cps
Lead	208-1	78359348	80837631	79676898	79624626	1.56	cps
Lithium	6-1	1572890	1580722	1562637	1572083	0.58	cps
Magnesium	24-2	106898392	107008885	107111435	107006237	0.10	cps
Manganese	55-2	16917119	16769840	17005694	16897551	0.71	cps
Molybdenum	94-1	20380318	20518958	20539591	20479622	0.42	cps
Molybdenum	95-1	30162616	30368458	30166121	30232398	0.39	cps
Molybdenum	96-1	32695065	32924576	32983330	32867657	0.46	cps
Molybdenum	97-1	18752154	18765251	18925284	18814230	0.51	cps
Molybdenum	98-1	48127033	48353776	48487761	48322857	0.38	cps
Neodymium	150-1	393	387	413	398	3.49	cps
Neodymium	150-2	107	93	137	112	19.78	cps
Nickel	60-2	963864	963535	964853	964084	0.07	cps
Phosphorus	31-2	137538	136899	137998	137478	0.40	cps
Potassium	39-2	65482112	65903771	66133549	65839811	0.50	cps
Rhodium	103-1	7897074	8015135	8005029	7972413	0.82	cps
Rhodium	103-2	4878791	4922408	4890476	4897225	0.46	cps
Scandium	45-1	5549334	5539201	5438637	5509057	1.11	cps
Scandium	45-2	503180	502737	502077	502665	0.11	cps
Selenium	82-1	82289	83080	83334	82901	0.66	cps
Selenium	77-2	7936	7922	8212	8023	2.04	cps
Selenium	78-2	27008	26414	26517	26646	1.19	cps
Silicon	28-1	23383395	23566923	23414710	23455009	0.42	cps
Silver	107-1	6427930	6451532	6456120	6445194	0.23	cps
Silver	109-1	5984397	6062900	6106199	6051165	1.02	cps
Sodium	23-2	184022077	184717511	185506111	184748566	0.40	cps
Strontium	86-1	43549829	43884403	44039294	43824509	0.57	cps
Strontium	88-1	378979061	381447541	384042781	381489794	0.66	cps
Sulfur	34-1	739313	739279	725393	734661	1.09	cps
Terbium	159-1	11593858	11587418	11458176	11546484	0.66	cps
Terbium	159-2	7701255	7633433	7663983	7666223	0.44	cps
Thallium	203-1	4958185	4963141	5020384	4980570	0.69	cps
Thallium	205-1	11550479	11990115	12019410	11853335	2.22	cps
Tin	118-1	4361456	4436285	4359356	4385699	1.00	cps
Titanium	47-1	8055755	8001038	8063391	8040061	0.42	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCV017	Instrumnet Name :	P7
Client Sample ID :	CCV017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:21:49	DataFile Name :	104CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15907115	16380650	16518108	16268624	1.97	cps
Vanadium	51-2	2096584	2080760	2118371	2098572	0.90	cps
Yttrium	89-1	14955438	15202120	15147623	15101727	0.86	cps
Yttrium	89-2	3789367	3785471	3763675	3779505	0.37	cps
Zinc	66-2	4172280	4130061	4107489	4136610	0.80	cps
Zirconium	90-1	9320842	9504389	9535213	9453482	1.23	cps
Zirconium	91-1	2084196	2111585	2121163	2105648	0.91	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5181	5418	5378	5325	2.38	cps
Antimony	121-1	3844	3904	4071	3939	2.98	cps
Arsenic	75-2	23	30	43	32	31.61	cps
Barium	135-1	537	430	377	448	18.19	cps
Barium	137-1	983	750	640	791	22.16	cps
Beryllium	9-1	103	110	67	93	25.00	cps
Bismuth	209-1	7103302	7113479	7081491	7099424	0.23	cps
Bismuth	209-2	5578324	5493286	5581092	5550900	0.90	cps
Bromine	81-1	8693	8843	9026	8854	1.89	cps
Bromine	81-2	120	113	117	117	2.85	cps
Cadmium	108-1	7	37	40	28	66.08	cps
Cadmium	106-1	3150	2964	3140	3085	3.40	cps
Cadmium	111-1	2334	2152	2257	2248	4.06	cps
Calcium	43-1	800	760	680	747	8.18	cps
Calcium	44-1	26608	25833	25309	25916	2.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1237	1173	1110	1173	5.40	cps
Cobalt	59-2	377	283	317	326	14.53	cps
Copper	63-2	3014	2927	3124	3021	3.26	cps
Dysprosium	156-1	140	150	153	148	4.70	cps
Dysprosium	156-2	57	37	33	42	29.89	cps
Erbium	164-1	93	67	50	70	31.22	cps
Erbium	164-2	37	53	57	49	21.91	cps
Gadolinium	160-1	43	50	43	46	8.45	cps
Gadolinium	160-2	217	293	310	273	18.21	cps
Holmium	165-1	11103225	11110069	11107247	11106847	0.03	cps
Holmium	165-2	7782870	7644778	7766342	7731330	0.98	cps
Indium	115-1	9096608	8986272	9092657	9058512	0.69	cps
Indium	115-2	3127272	3135882	3163021	3142058	0.59	cps
Iron	56-2	45739	45592	47645	46326	2.47	cps
Iron	57-2	2380	2524	2477	2460	2.97	cps
Iron	54-2	3891	3971	3781	3881	2.46	cps
Krypton	83-1	287	237	227	250	12.86	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2107	1743	1663	1838	12.86	cps
Lead	207-1	1717	1473	1397	1529	10.93	cps
Lead	208-1	7971	6857	6384	7071	11.52	cps
Lithium	6-1	1574765	1568883	1597575	1580408	0.96	cps
Magnesium	24-2	5334	5264	5264	5288	0.76	cps
Manganese	55-2	1740	1723	1600	1688	4.53	cps
Molybdenum	94-1	2894	2490	2504	2629	8.72	cps
Molybdenum	95-1	2470	2257	2084	2270	8.53	cps
Molybdenum	96-1	2770	2590	2517	2626	4.97	cps
Molybdenum	97-1	1477	1297	1190	1321	10.97	cps
Molybdenum	98-1	3861	3300	3470	3544	8.10	cps
Neodymium	150-1	30	17	13	20	44.10	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	217	237	190	214	10.92	cps
Phosphorus	31-2	153	130	193	159	20.16	cps
Potassium	39-2	69645	70639	70244	70176	0.71	cps
Rhodium	103-1	8588453	8626666	8593208	8602775	0.24	cps
Rhodium	103-2	5497270	5449916	5355559	5434248	1.33	cps
Scandium	45-1	5500971	5505456	5517606	5508011	0.16	cps
Scandium	45-2	515989	511084	514034	513703	0.48	cps
Selenium	82-1	481	546	523	517	6.35	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	340	313	317	323	4.49	cps
Silicon	28-1	291630	290625	291739	291331	0.21	cps
Silver	107-1	820	713	753	762	7.07	cps
Silver	109-1	973	670	677	773	22.40	cps
Sodium	23-2	57229	56446	55867	56514	1.21	cps
Strontium	86-1	2714	2277	2087	2359	13.62	cps
Strontium	88-1	19950	16660	14691	17100	15.54	cps
Sulfur	34-1	250179	251840	253967	251995	0.75	cps
Terbium	159-1	11497251	11388476	11220760	11368829	1.23	cps
Terbium	159-2	7779442	7579824	7654594	7671287	1.31	cps
Thallium	203-1	900	880	693	824	13.83	cps
Thallium	205-1	2274	2104	1763	2047	12.69	cps
Tin	118-1	2797	2890	3117	2935	5.61	cps
Titanium	47-1	730	720	693	714	2.65	cps

Reviewed By:Mohan
On:10/25/2024 3:10:05 PM
Inst Id :P7

LB Number :	LB133124	Operator :	Jaswal
Lab Sample ID :	CCB017	Instrumnet Name :	P7
Client Sample ID :	CCB017	Dilution Factor :	1
Date & Time Acquired :	2024-10-25 08:24:38	DataFile Name :	105CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	740	643	607	663	10.38	cps
Vanadium	51-2	130	130	113	124	7.73	cps
Yttrium	89-1	15101700	15125240	15116796	15114579	0.08	cps
Yttrium	89-2	3904280	3914469	3920484	3913078	0.21	cps
Zinc	66-2	1003	907	940	950	5.17	cps
Zirconium	90-1	3727	3334	3167	3409	8.44	cps
Zirconium	91-1	883	793	773	817	7.18	cps

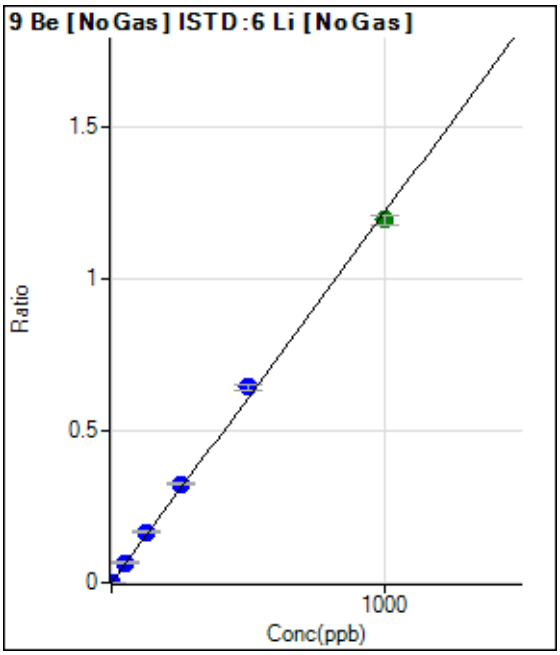
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On:10/25/2024 5:58:38 PM
Inst Id :P7

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

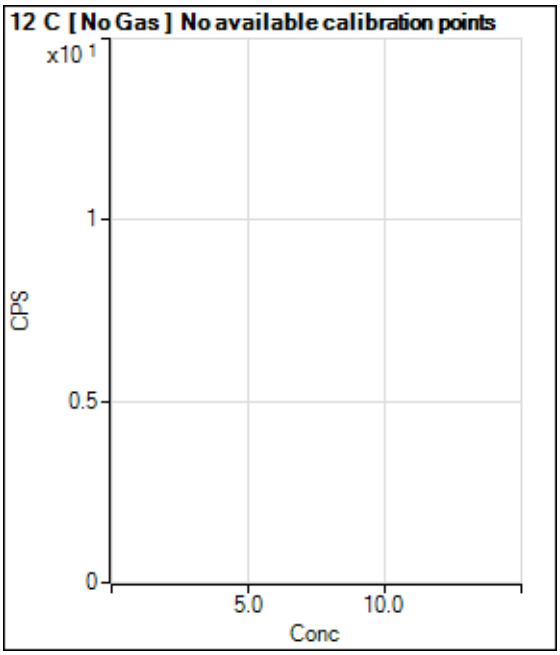
R = 0.9992

DL = 0.01667

BEC = 0.01466

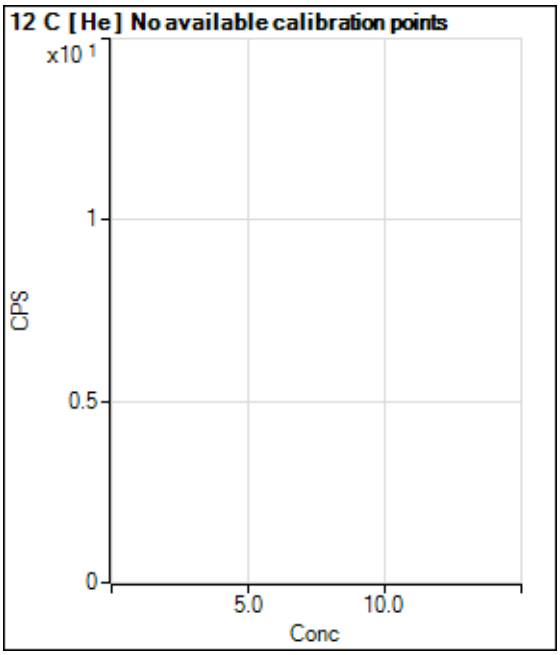
Weight: <None>

Min Conc: 0

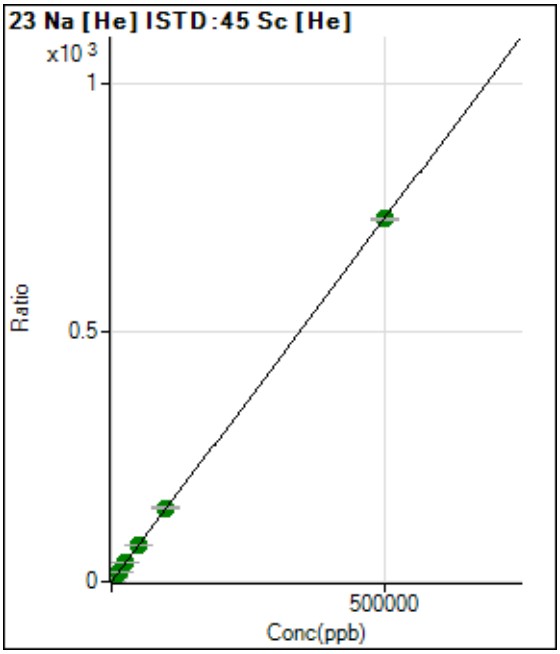


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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On:10/25/2024 5:58:38 PM
Inst Id :P7



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

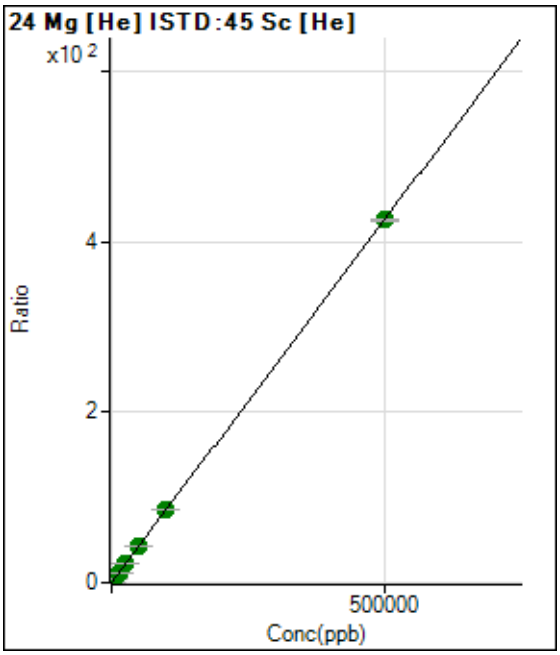


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47153.02	0.0824	P	1.2
2	☐	500.000	514.227	462439.36	0.8317	P	0.3
3	☐	5000.000	5058.634	4188546.82	7.4534	A	0.7
4	☐	12500.000	12979.864	10376338.73	18.9955	A	0.5
5	☐	25000.000	25573.570	20012889.98	37.3459	A	0.4
6	☐	50000.000	50856.692	39240768.86	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

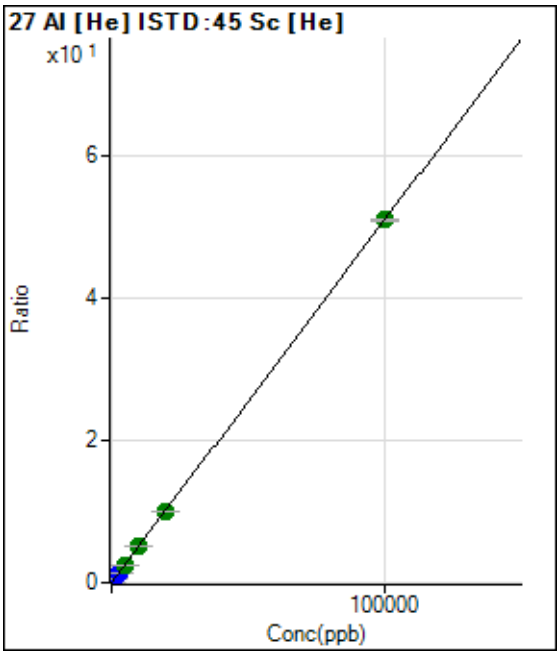
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On:10/25/2024 5:58:38 PM
Inst Id :P7



	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

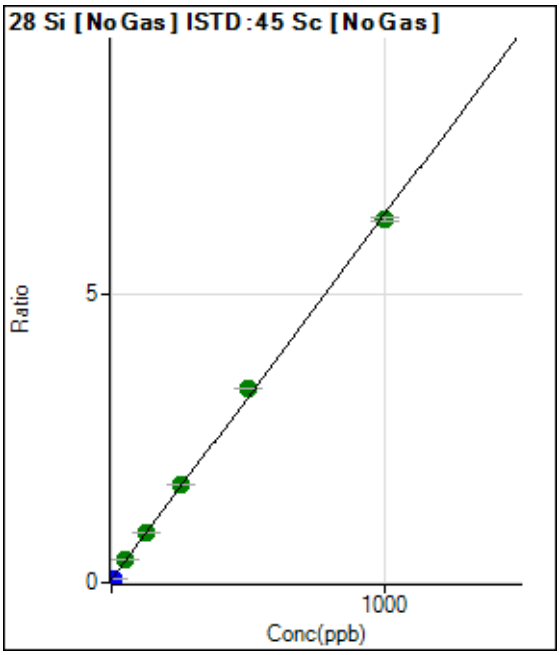


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12197.17	0.0213	P	2.8
2	☐	20.000	-17.432	6902.72	0.0124	P	2.4
3	☐	1000.000	1022.232	305093.68	0.5429	P	1.2
4	☐	2500.000	2623.796	742953.02	1.3601	P	0.4
5	☐	5000.000	4939.826	1362142.77	2.5418	A	1.2
6	☐	10000.000	9843.318	2667911.45	5.0438	A	0.6
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

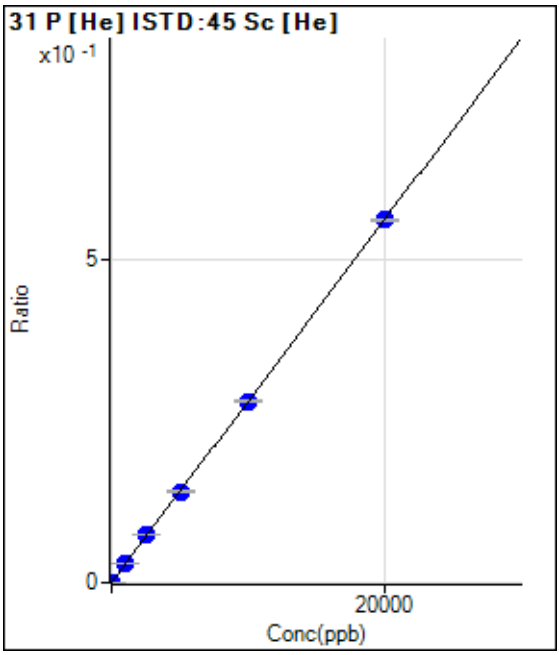
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

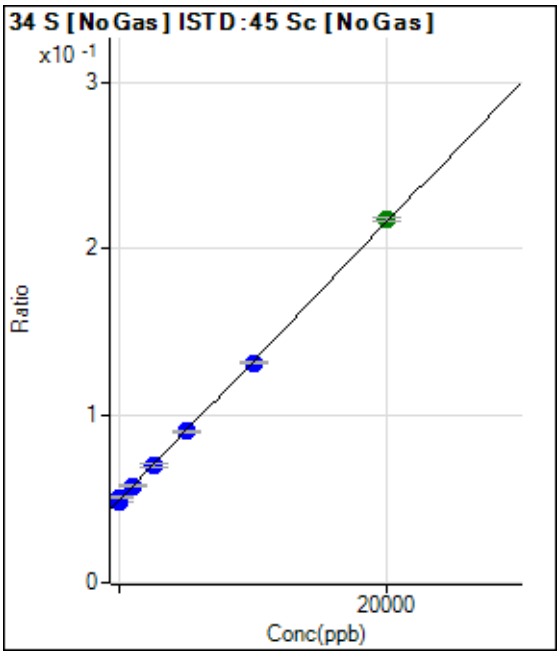


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.469	178.89	0.0003	P	19.7
2	☐	0.000	14.469	625.58	0.0011	P	7.0
3	☐	1000.000	996.267	16121.91	0.0287	P	0.9
4	☐	2500.000	2584.138	40021.05	0.0733	P	0.2
5	☐	5000.000	5006.692	75704.61	0.1413	P	1.0
6	☐	10000.000	9994.108	148788.00	0.2813	P	0.5
7	☐	20000.000	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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On:10/25/2024 5:58:38 PM
Inst Id :P7



	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

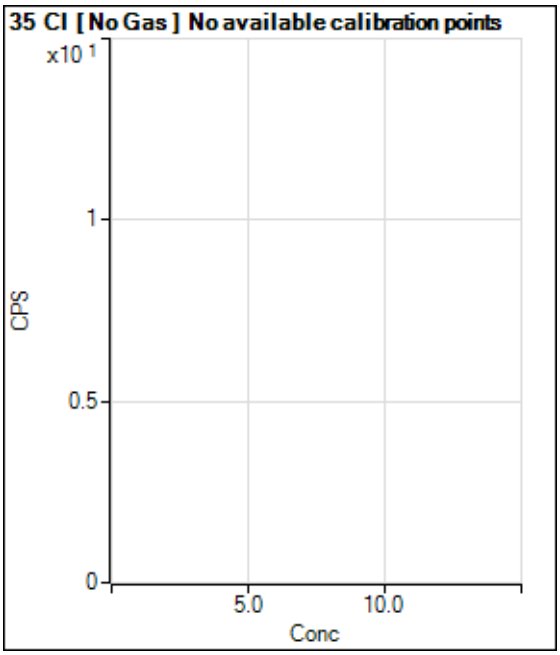
R = 0.9999

DL = 267.2

BEC = 5934

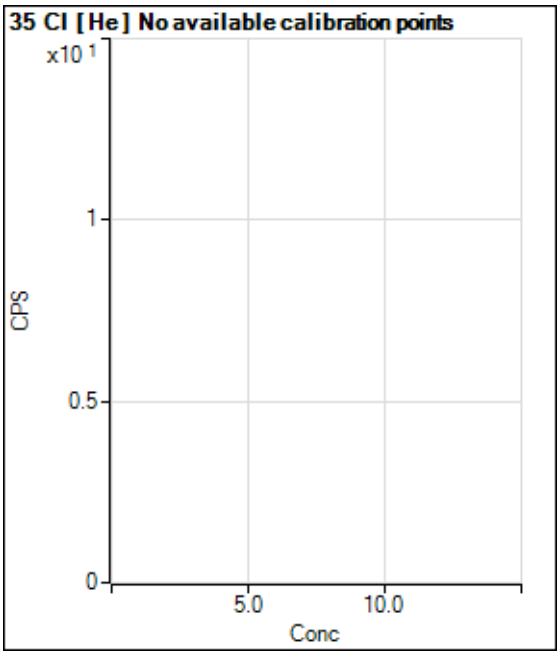
Weight: <None>

Min Conc: 0

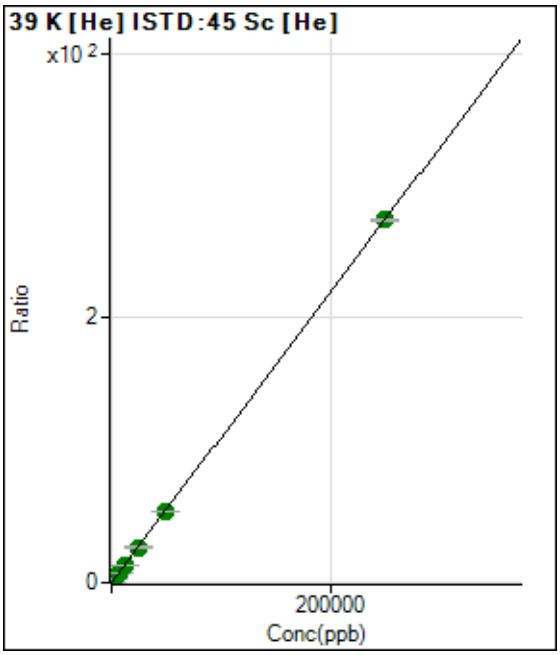


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



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

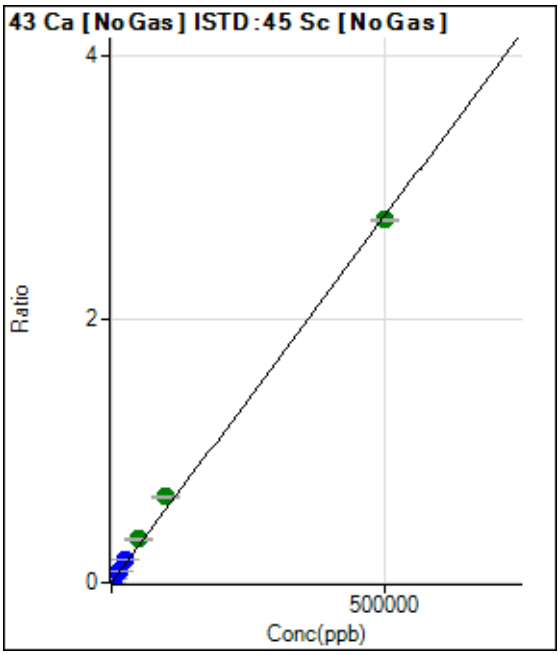


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81086.66	0.1417	P	0.7
2	☐	500.000	518.921	394703.42	0.7099	P	0.7
3	☐	2500.000	2447.742	1585775.32	2.8218	A	0.6
4	☐	6250.000	6233.085	3805528.56	6.9666	A	0.8
5	☐	12500.000	12242.681	7259482.95	13.5468	A	0.2
6	☐	25000.000	24416.616	14216358.54	26.8766	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

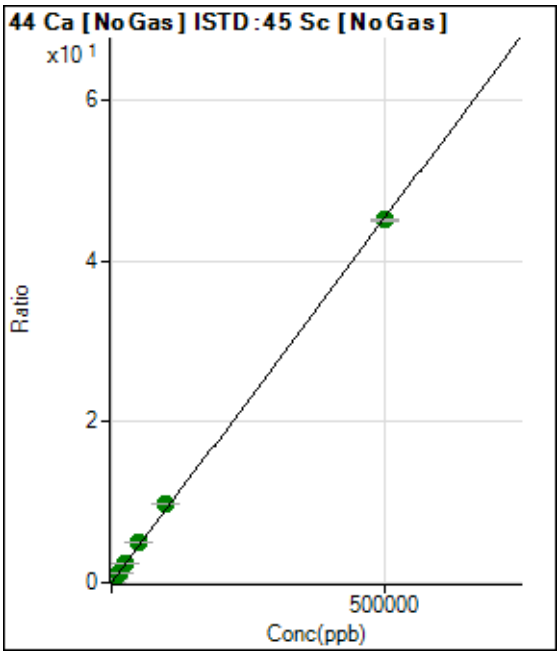
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

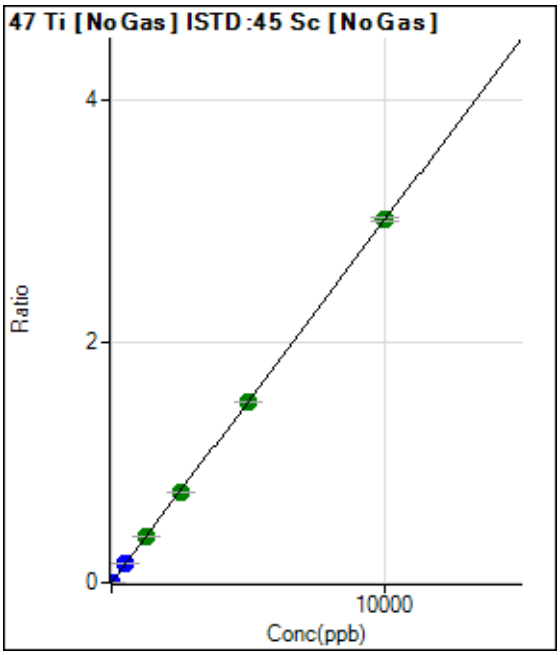


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	39632.92	0.0062	P	1.6
2	☐	500.000	504.400	316588.03	0.0519	P	0.2
3	☐	5000.000	5394.367	3067112.90	0.4953	A	0.0
4	☐	12500.000	13776.511	7697794.81	1.2553	A	0.9
5	☐	25000.000	27222.655	14931121.58	2.4744	A	1.9
6	☐	50000.000	54355.076	29284592.62	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

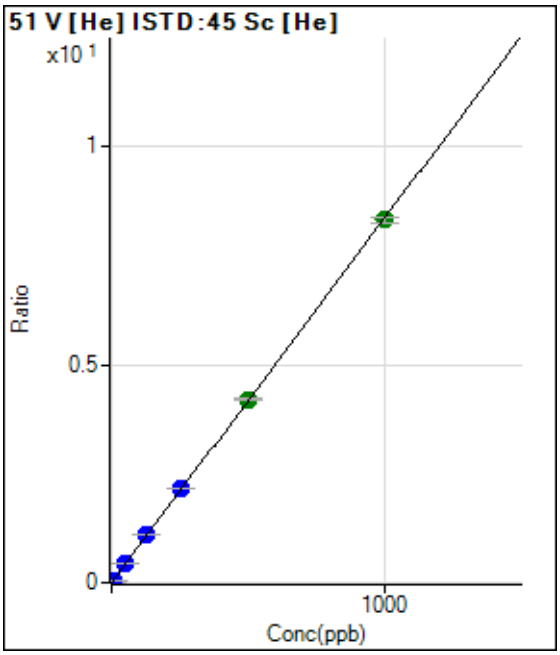
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

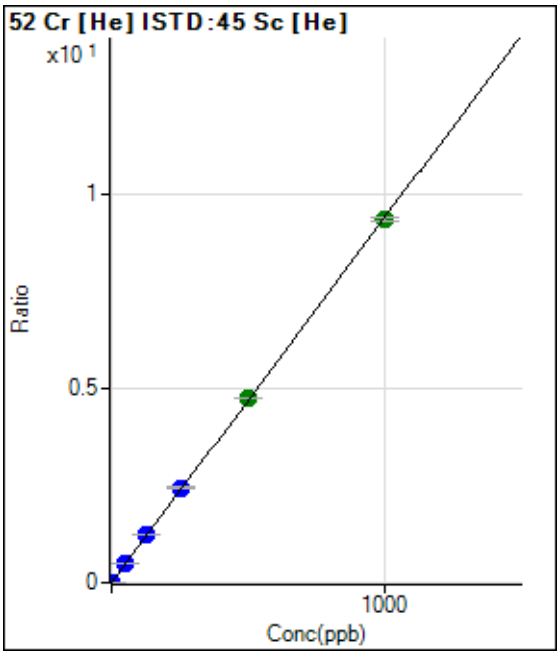


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.8
2	☐	5.000	5.064	23556.22	0.0424	P	0.2
3	☐	50.000	50.991	239513.68	0.4262	P	1.3
4	☐	125.000	131.913	602266.04	1.1025	P	0.4
5	☐	250.000	259.615	1162782.27	2.1699	P	0.7
6	☐	500.000	502.068	2219607.03	4.1962	A	0.8
7	☐	1000.000	995.648	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

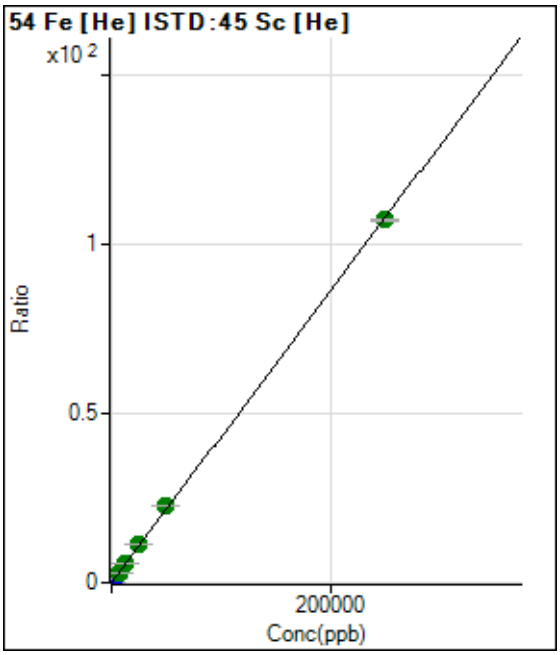
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

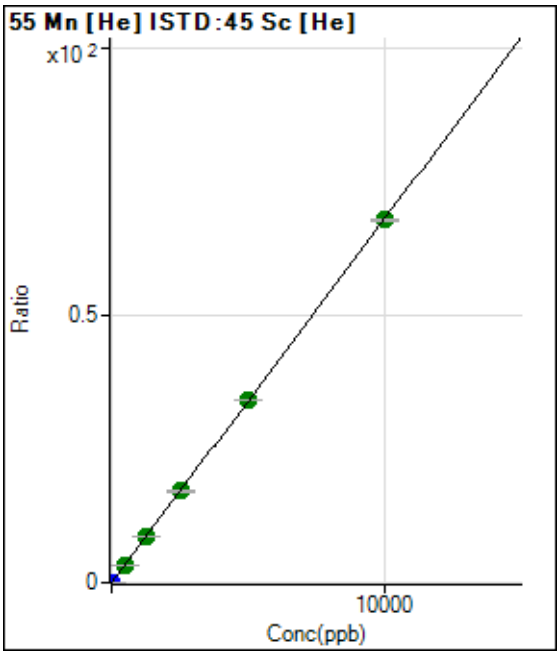


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2599.14	0.0045	P	8.6
2	☐	50.000	57.284	16218.83	0.0292	P	1.1
3	☐	2500.000	2817.103	683155.56	1.2156	P	0.8
4	☐	6250.000	6752.455	1588208.29	2.9074	A	1.2
5	☐	12500.000	13463.158	3103943.84	5.7924	A	1.2
6	☐	25000.000	26758.382	6087167.27	11.5081	A	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

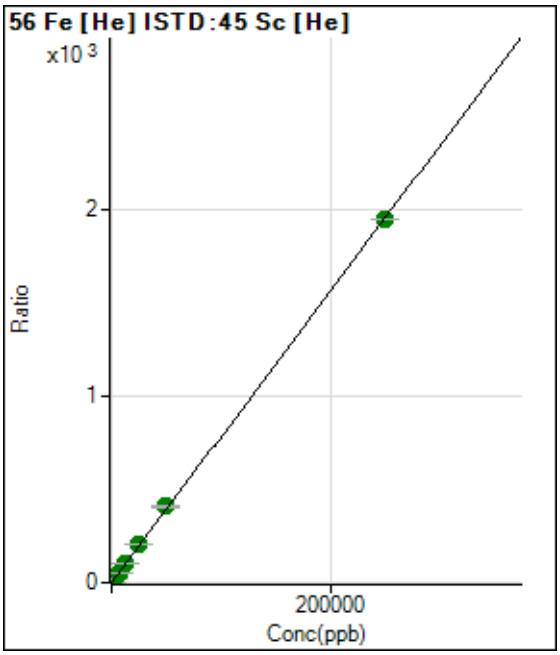
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

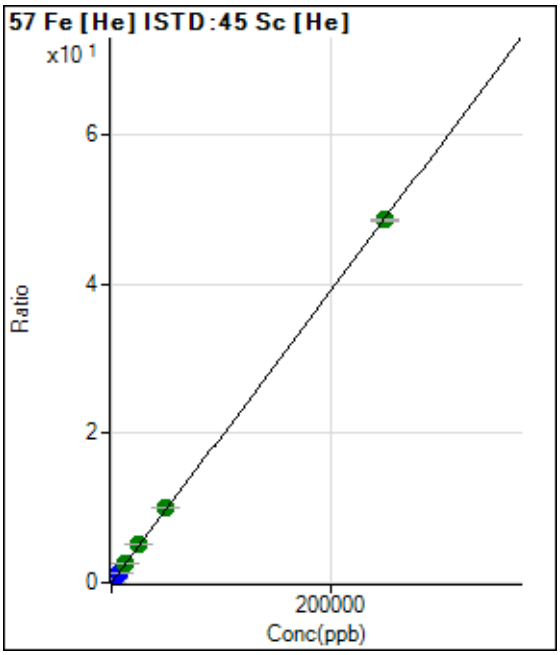


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24918.51	0.0435	P	0.6
2	☐	50.000	54.516	260570.34	0.4686	P	0.2
3	☐	2500.000	2592.578	11385095.94	20.2587	A	1.3
4	☐	6250.000	6683.146	28489498.74	52.1543	A	1.0
5	☐	12500.000	13203.990	55194850.29	102.9995	A	0.7
6	☐	25000.000	26457.006	109142139.48	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

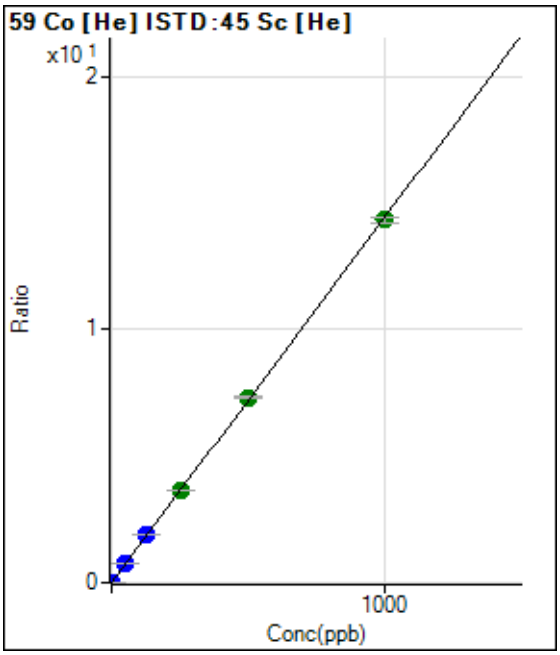
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

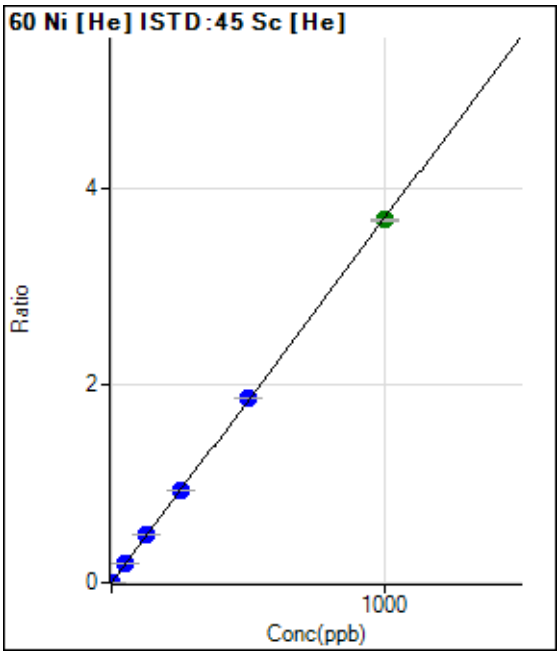


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0003	P	19.8
2	☐	1.000	1.057	8619.20	0.0155	P	1.8
3	☐	50.000	51.230	415001.96	0.7385	P	1.0
4	☐	125.000	131.506	1035300.79	1.8953	P	0.4
5	☐	250.000	254.153	1962766.41	3.6626	A	0.3
6	☐	500.000	507.922	3871624.94	7.3194	A	0.7
7	☐	1000.000	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

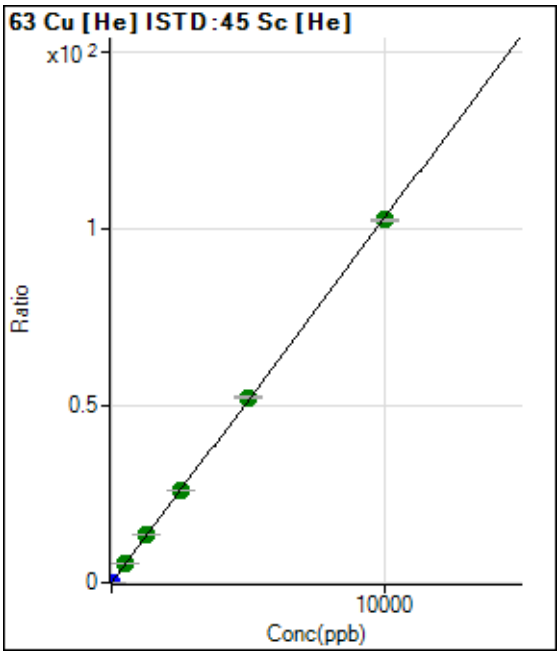
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

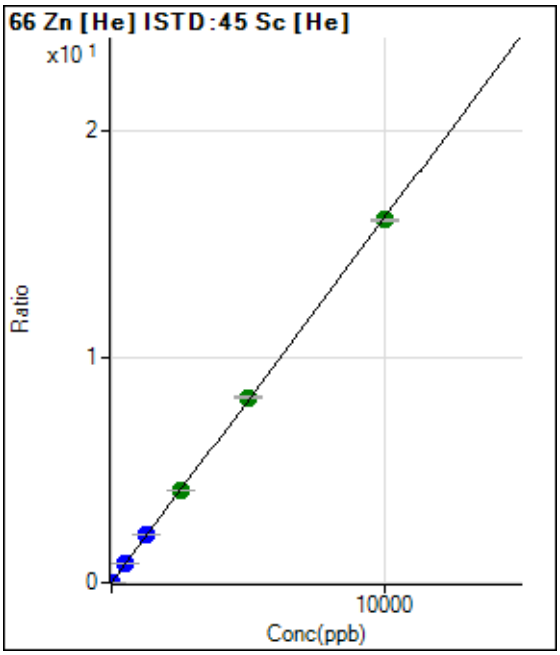


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1830.13	0.0032	P	4.0
2	☐	2.000	2.024	13393.85	0.0241	P	2.7
3	☐	500.000	504.185	2926076.14	5.2069	A	1.1
4	☐	1250.000	1314.008	7410061.07	13.5652	A	0.7
5	☐	2500.000	2532.156	14006642.29	26.1378	A	0.6
6	☐	5000.000	5071.459	27688680.97	52.3462	A	0.9
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

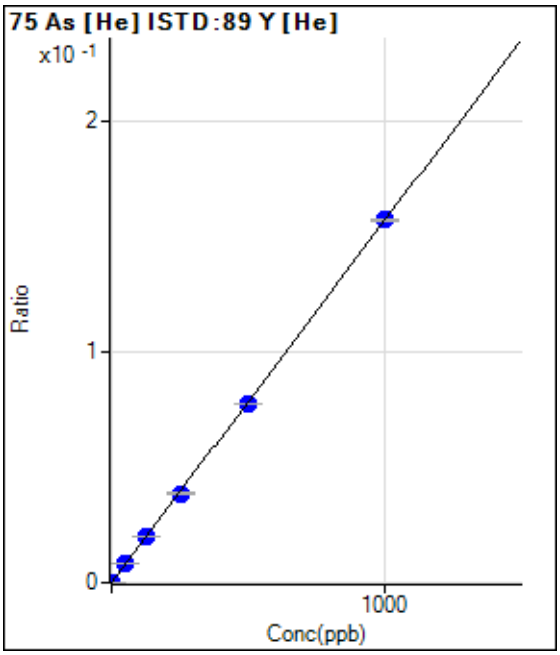
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

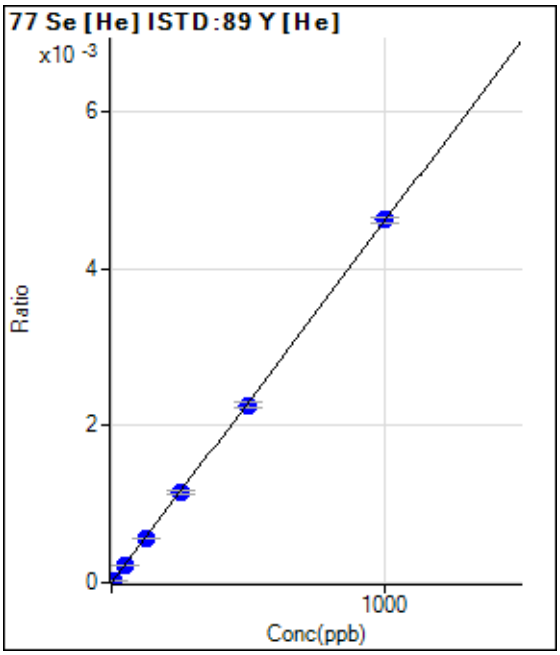


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	1.000	1.023	647.80	0.0002	P	2.2
3	☐	50.000	50.782	32291.77	0.0080	P	0.4
4	☐	125.000	127.798	80479.78	0.0200	P	0.5
5	☐	250.000	246.937	155530.54	0.0387	P	1.2
6	☐	500.000	495.355	308753.23	0.0776	P	0.6
7	☐	1000.000	1002.699	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

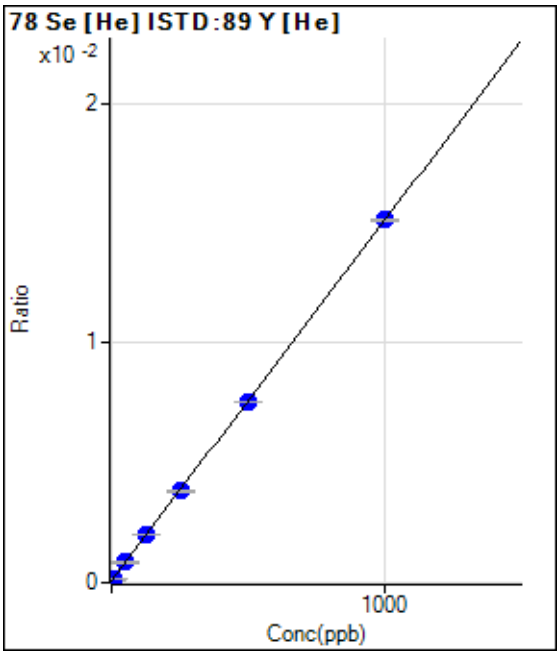
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

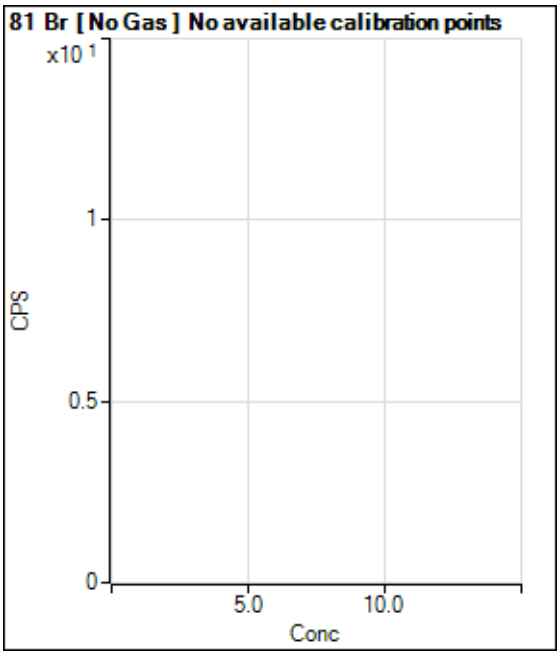


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.23	0.0001	P	10.5
2	☐	5.000	5.353	682.24	0.0002	P	8.5
3	☐	50.000	50.585	3445.99	0.0008	P	3.8
4	☐	125.000	127.818	8076.71	0.0020	P	1.2
5	☐	250.000	248.222	15348.02	0.0038	P	3.0
6	☐	500.000	496.653	30036.04	0.0075	P	0.6
7	☐	1000.000	1001.735	61652.21	0.0151	P	0.8
8	☐			365.56	0.0001	P	6.2

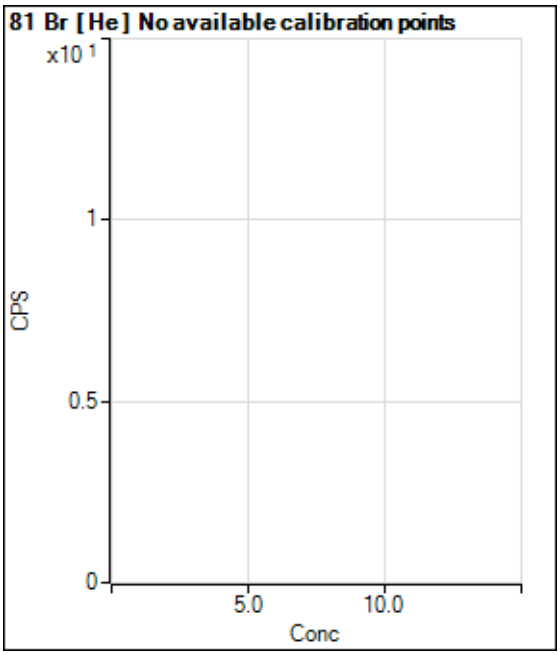
y = 1.5019E-005 * x + 8.9459E-005
R = 1.0000
DL = 1.872
BEC = 5.956

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

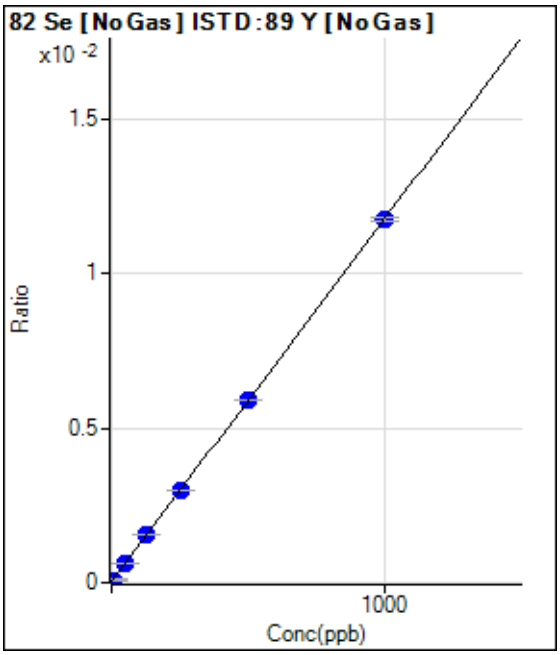


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10403.73		P	2.2
2	☐			10093.52		P	1.4
3	☐			9927.86		P	2.5
4	☐			9803.32		P	1.7
5	☐			9742.19		P	0.8
6	☐			9892.27		P	3.2
7	☐			10113.56		P	2.3
8	☐			10991.96		P	1.0



	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

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	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

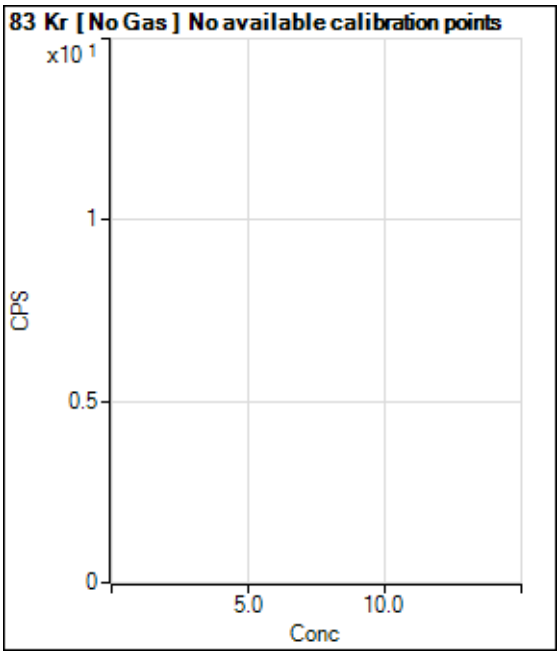
R = 1.0000

DL = 0.7524

BEC = 2.833

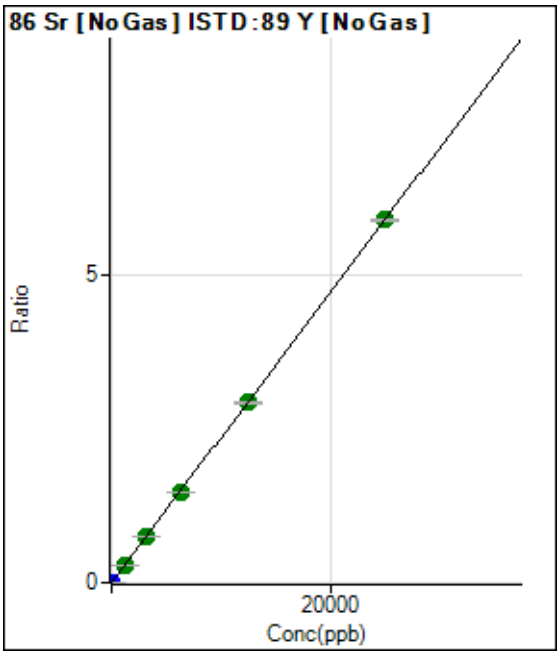
Weight: <None>

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

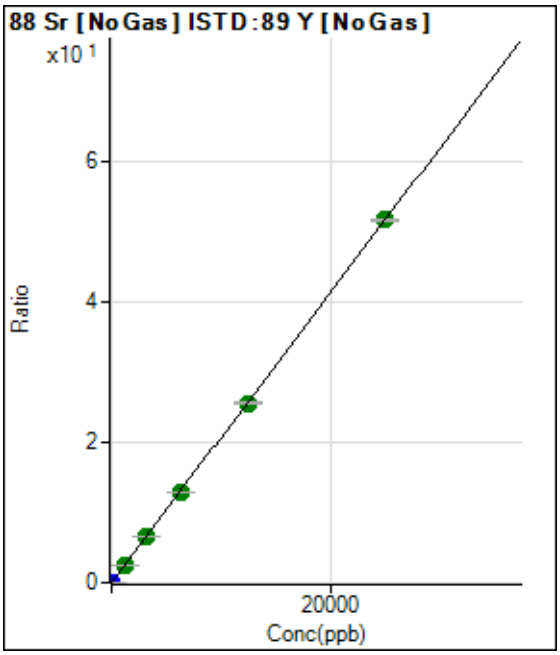
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

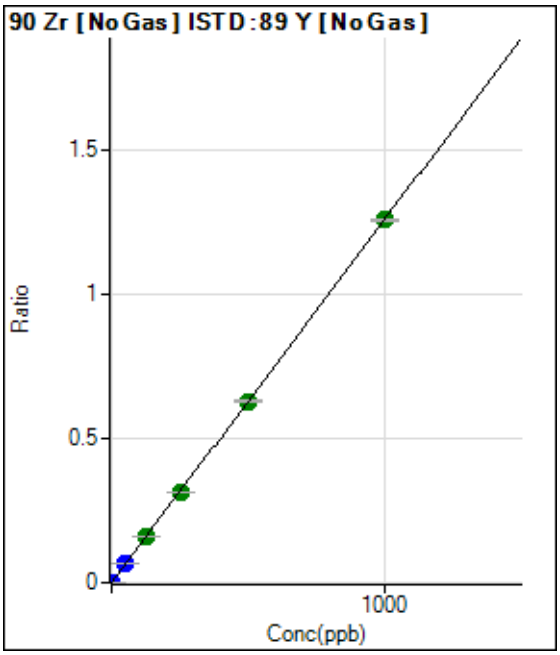


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	752.25	0.0000	P	3.6
2	☐	1.000	1.004	33128.42	0.0021	P	0.4
3	☐	1250.000	1247.488	41314886.05	2.5673	A	0.6
4	☐	3125.000	3162.362	105806327.31	6.5080	A	0.3
5	☐	6250.000	6223.353	207222603.58	12.8073	A	0.5
6	☐	12500.000	12379.316	409976371.67	25.4759	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

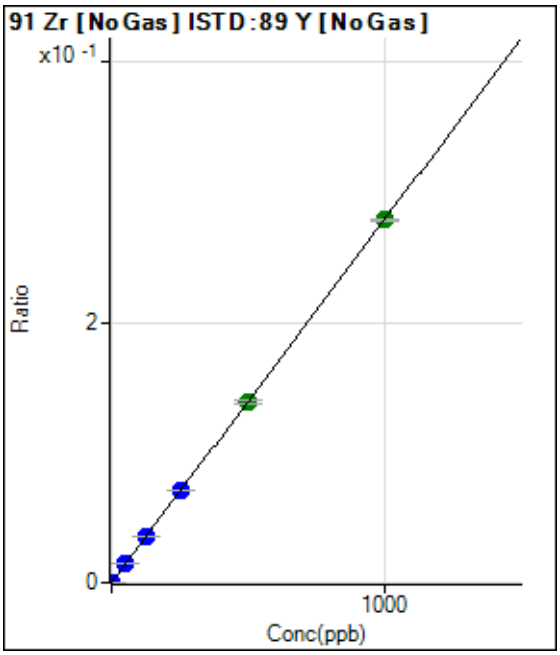
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

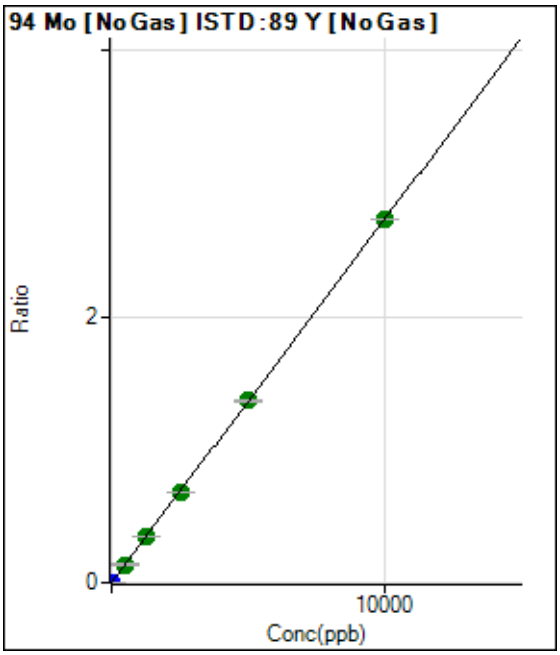


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	12.0
2	☐	1.000	1.032	4661.90	0.0003	P	1.6
3	☐	50.000	51.204	230094.32	0.0143	P	0.9
4	☐	125.000	128.300	582242.01	0.0358	P	0.6
5	☐	250.000	254.178	1147824.20	0.0709	P	1.0
6	☐	500.000	498.066	2236899.24	0.1390	A	1.6
7	☐	1000.000	999.450	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

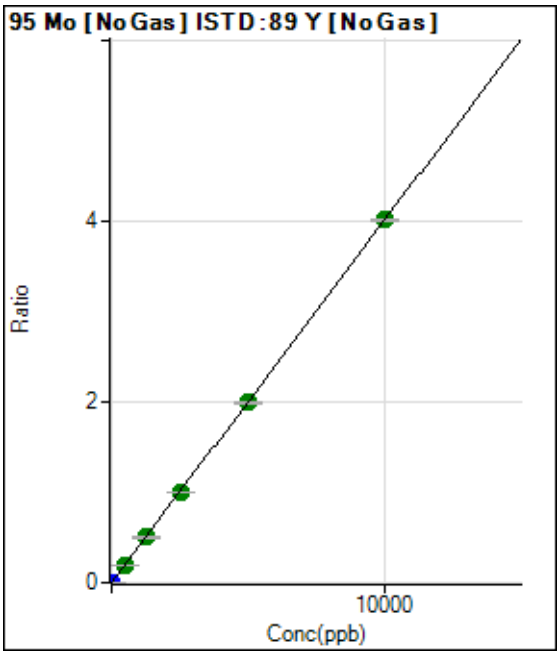
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

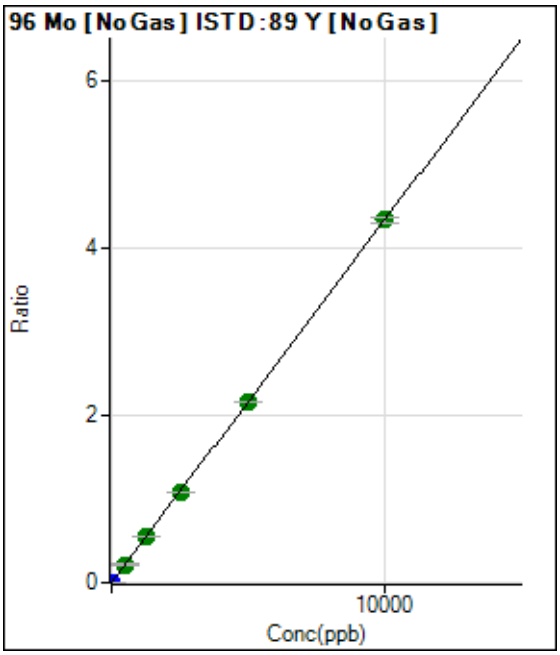


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	22.7
2	☐	5.000	4.507	28469.97	0.0018	P	0.8
3	☐	500.000	499.843	3227529.68	0.2006	A	0.6
4	☐	1250.000	1252.894	8173403.35	0.5027	A	1.0
5	☐	2500.000	2492.684	16181628.37	1.0001	A	0.5
6	☐	5000.000	4978.208	32143013.41	1.9974	A	1.0
7	☐	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

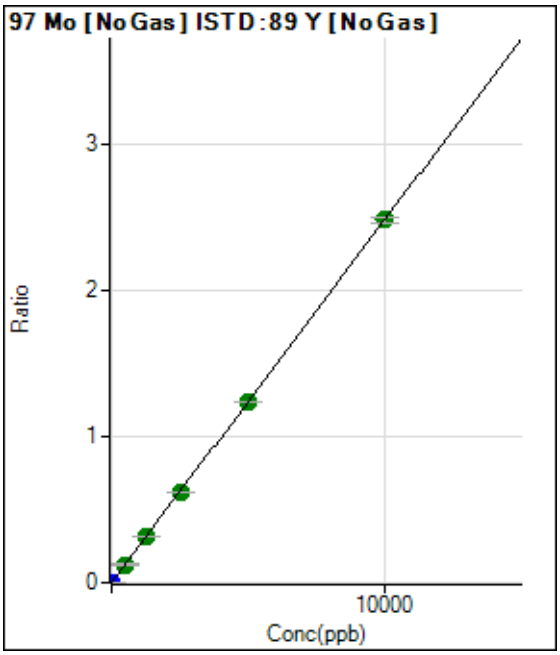
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

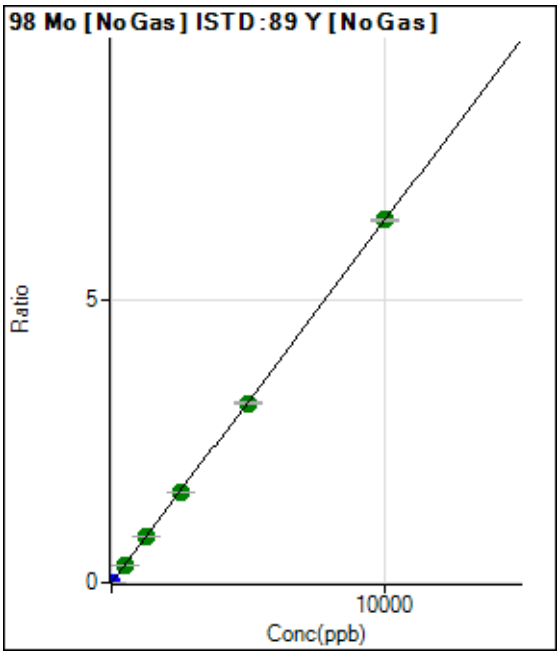


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0000	P	16.7
2	☐	5.000	4.439	17363.76	0.0011	P	1.5
3	☐	500.000	502.590	2007916.34	0.1248	A	1.2
4	☐	1250.000	1257.695	5075881.42	0.3122	A	1.0
5	☐	2500.000	2499.283	10038427.00	0.6204	A	1.0
6	☐	5000.000	4986.870	19921585.40	1.2380	A	0.6
7	☐	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

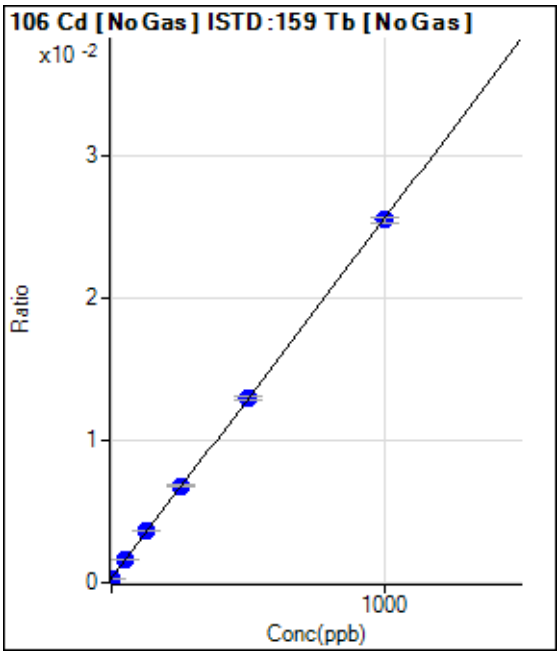
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

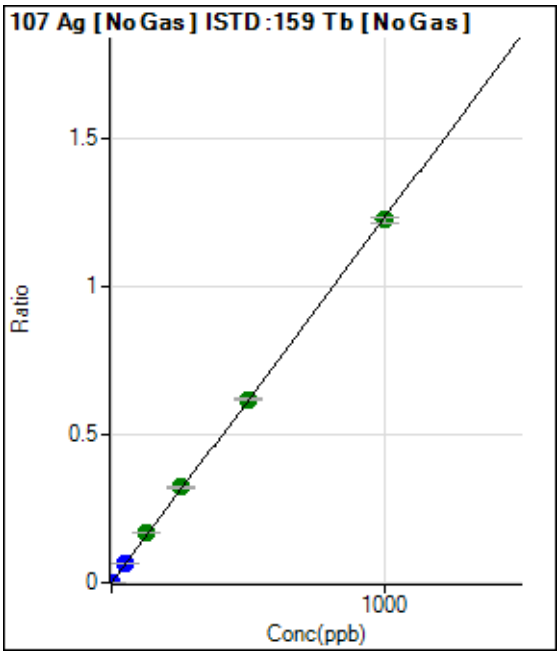


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3441.55	0.0003	P	2.1
2	☐	1.000	0.609	3444.89	0.0003	P	1.6
3	☐	50.000	52.788	17879.99	0.0016	P	1.3
4	☐	125.000	134.266	41251.73	0.0037	P	0.5
5	☐	250.000	257.016	77628.29	0.0068	P	0.7
6	☐	500.000	501.086	150964.19	0.0129	P	1.1
7	☐	1000.000	996.405	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

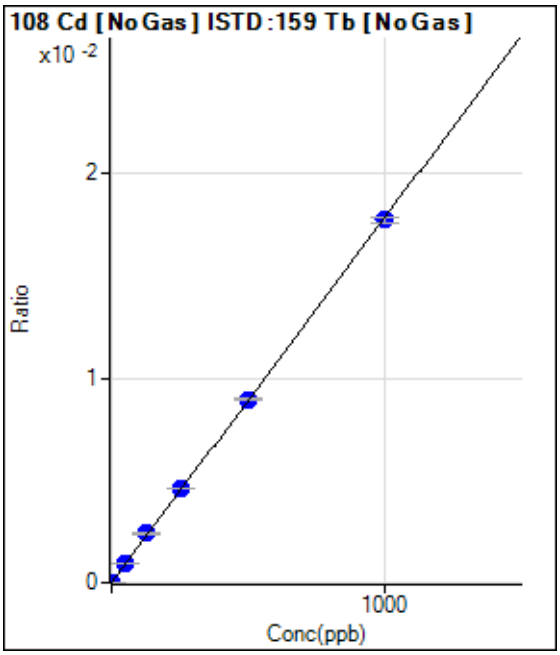
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

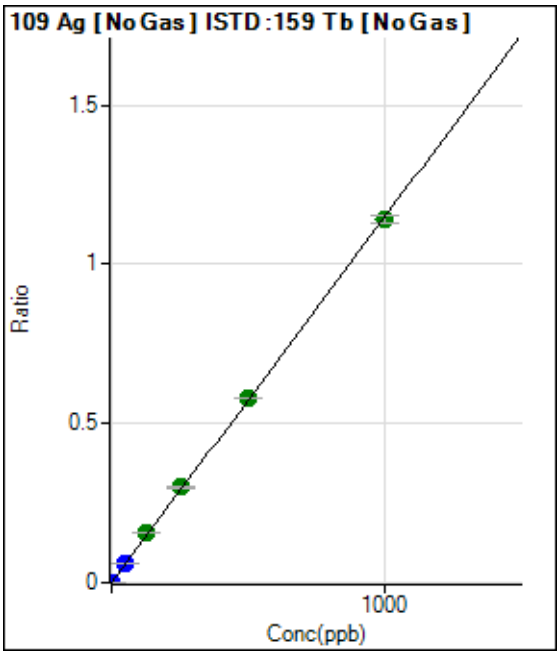


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.34	0.0000	P	43.1
2	☐	1.000	1.064	214.45	0.0000	P	3.2
3	☐	50.000	53.946	10503.88	0.0010	P	1.5
4	☐	125.000	135.345	26968.46	0.0024	P	2.3
5	☐	250.000	258.178	52660.71	0.0046	P	1.0
6	☐	500.000	503.032	104658.53	0.0090	P	1.0
7	☐	1000.000	994.949	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

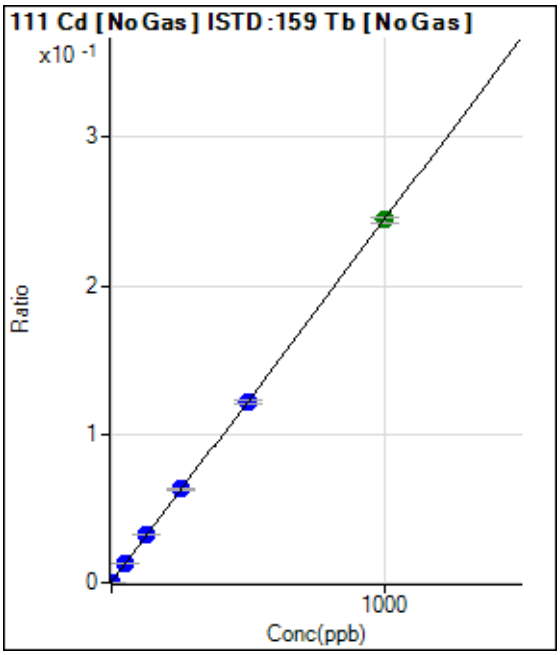
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

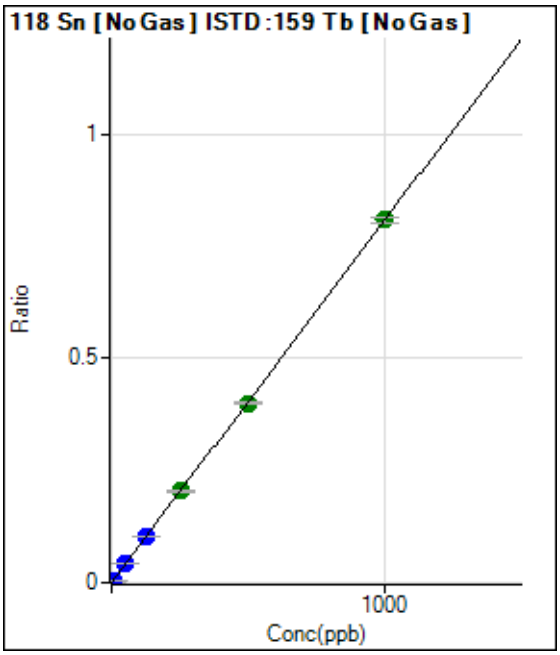


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2405.31	0.0002	P	2.3
2	☐	1.000	1.018	4942.69	0.0005	P	2.9
3	☐	50.000	53.229	144274.75	0.0132	P	0.8
4	☐	125.000	132.444	363974.50	0.0326	P	1.2
5	☐	250.000	256.550	719653.35	0.0630	P	0.4
6	☐	500.000	497.176	1420211.63	0.1218	P	1.3
7	☐	1000.000	998.682	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

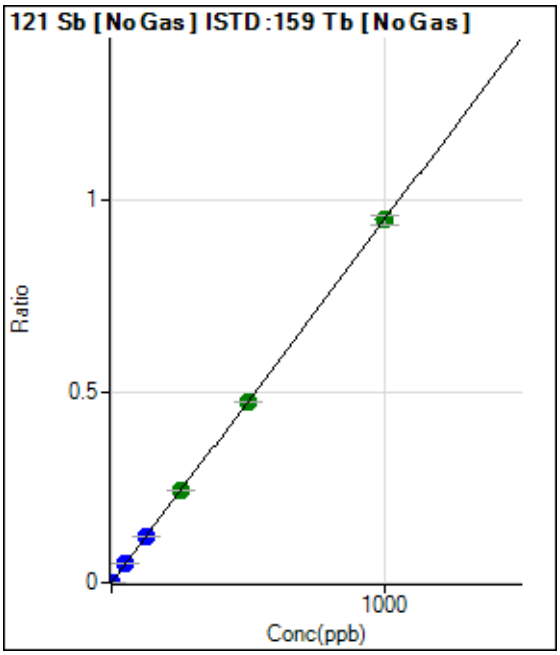
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

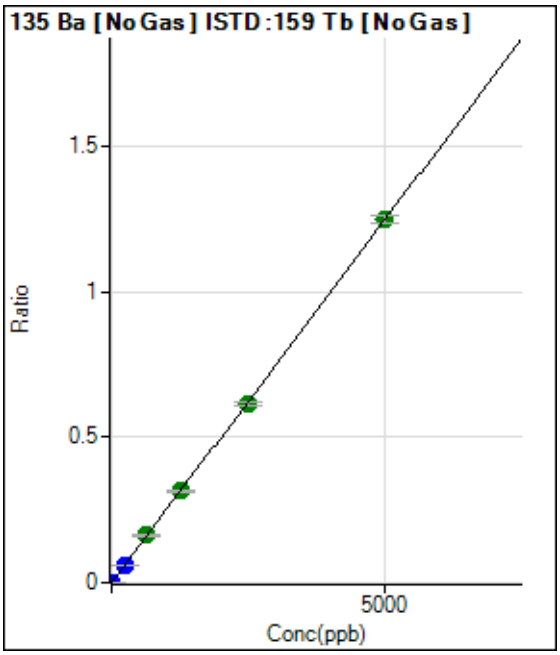


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0000	P	22.8
2	☐	2.000	1.996	20214.25	0.0019	P	1.3
3	☐	50.000	50.937	526980.85	0.0483	P	0.2
4	☐	125.000	128.295	1358830.76	0.1217	P	0.9
5	☐	250.000	253.599	2750148.46	0.2406	A	0.9
6	☐	500.000	498.108	5510461.31	0.4726	A	0.6
7	☐	1000.000	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

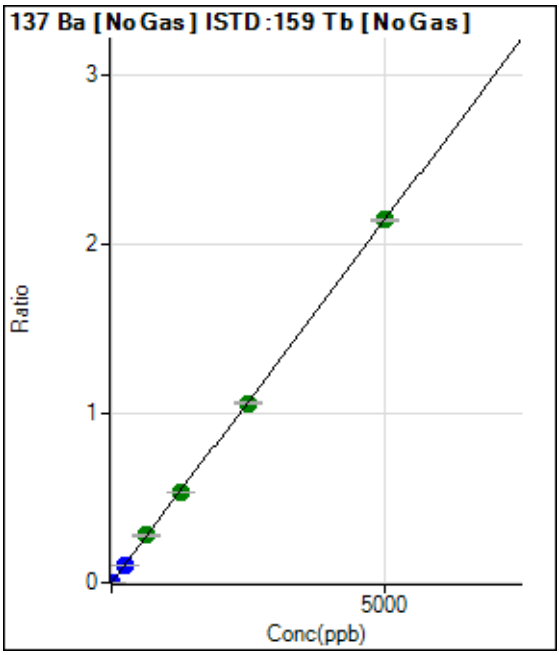
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

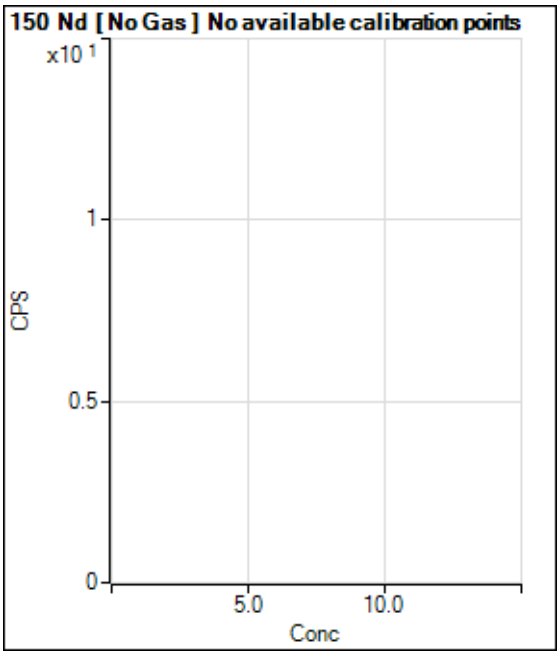


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.90	0.0000	P	8.4
2	☐	10.000	9.357	42795.32	0.0040	P	1.9
3	☐	250.000	248.104	1157619.84	0.1062	P	0.1
4	☐	625.000	654.021	3124007.87	0.2798	A	1.9
5	☐	1250.000	1255.792	6142022.90	0.5373	A	0.3
6	☐	2500.000	2476.699	12356756.76	1.0597	A	1.2
7	☐	5000.000	5006.671	25479072.12	2.1421	A	0.7
8	☐			10385.00	0.0009	P	1.3

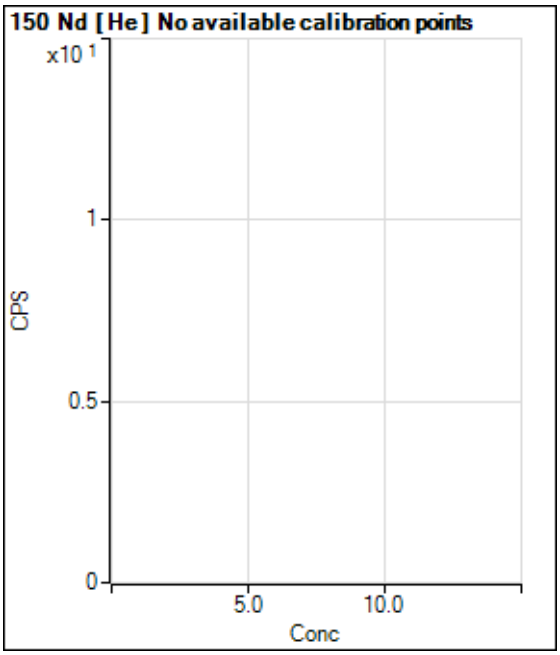
y = 4.2785E-004 * x + 2.3224E-005
R = 1.0000
DL = 0.01363
BEC = 0.05428

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

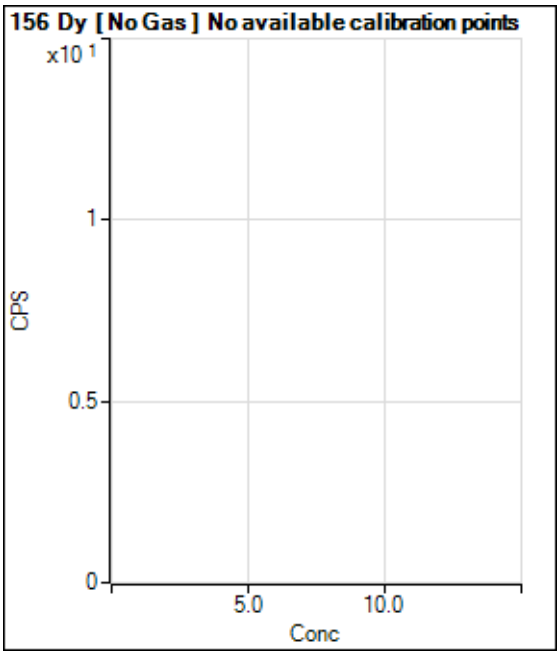


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	33.3
2	☐			11.11		P	17.3
3	☐			44.44		P	48.2
4	☐			84.44		P	33.6
5	☐			152.23		P	30.4
6	☐			338.90		P	5.9
7	☐			691.14		P	1.6
8	☐			223.34		P	6.0

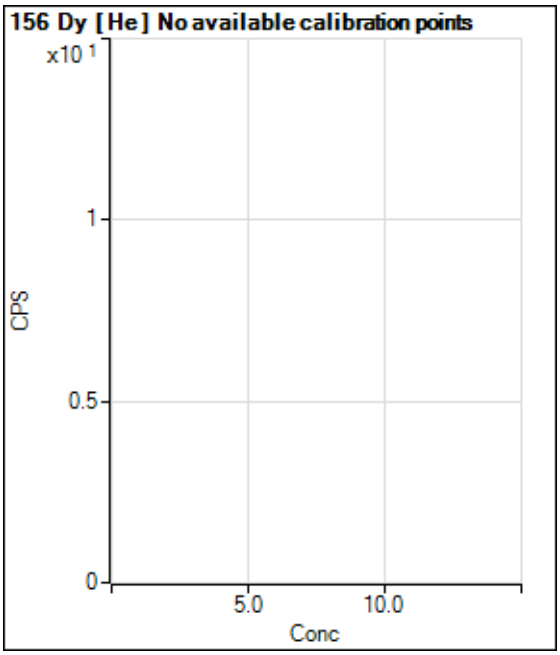


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.
2	☐			6.66		P	86.6
3	☐			10.00		P	33.3
4	☐			25.56		P	32.8
5	☐			56.67		P	17.6
6	☐			77.78		P	5.0
7	☐			158.89		P	11.9
8	☐			130.01		P	4.4

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

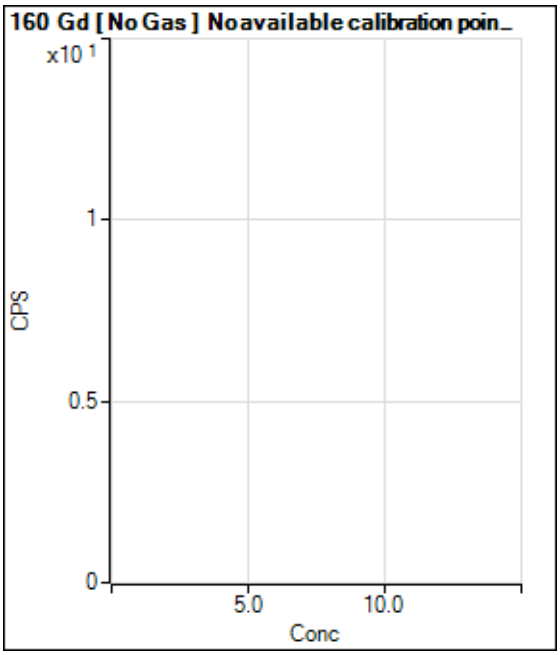


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			877.82		P	8.4
2	☐			806.70		P	5.6
3	☐			848.92		P	2.0
4	☐			894.49		P	11.7
5	☐			990.04		P	10.7
6	☐			1047.83		P	1.9
7	☐			1146.73		P	5.6
8	☐			1217.84		P	5.4

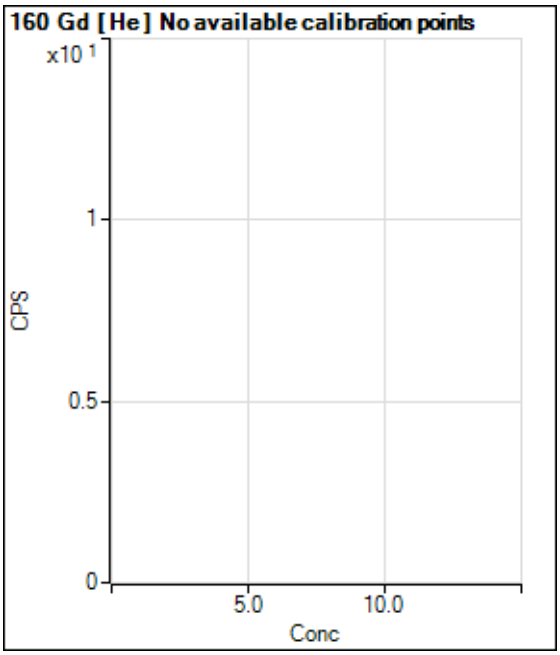


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			138.89		P	17.0
2	☐			153.34		P	17.0
3	☐			221.12		P	21.9
4	☐			254.45		P	4.2
5	☐			306.67		P	15.7
6	☐			522.24		P	9.1
7	☐			834.48		P	5.6
8	☐			480.01		P	15.5

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

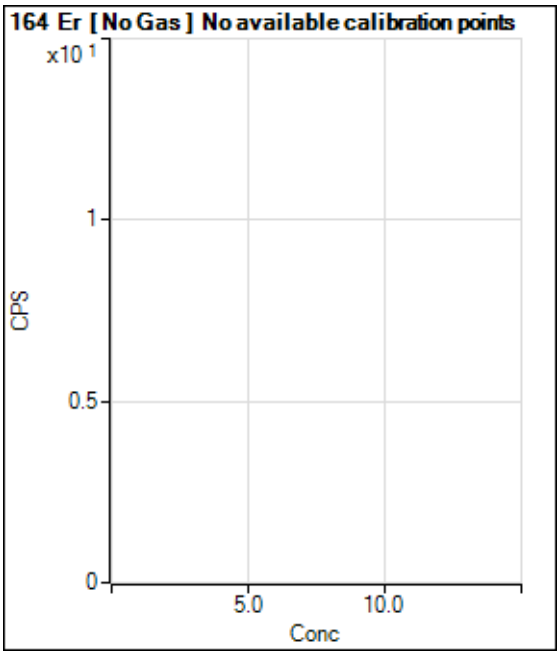


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			43.33		P	20.4
2	☐			47.78		P	34.4
3	☐			51.11		P	21.0
4	☐			65.55		P	16.3
5	☐			93.33		P	16.4
6	☐			117.78		P	8.6
7	☐			150.00		P	18.2
8	☐			382.23		P	7.6

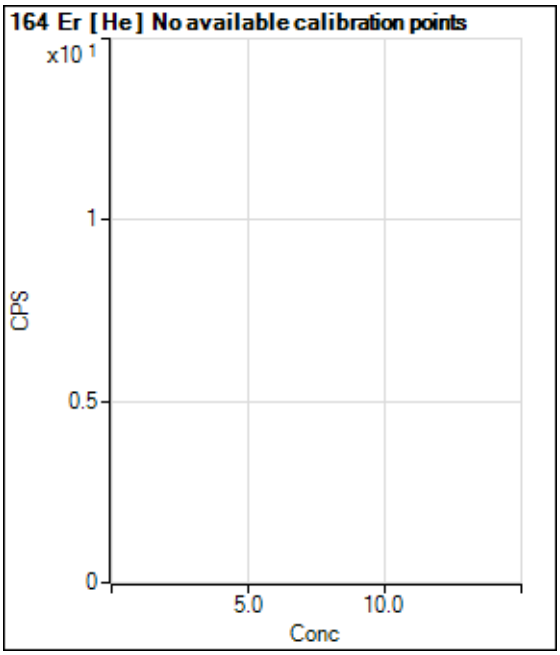


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			296.68		P	13.0
2	☐			264.45		P	11.7
3	☐			256.67		P	9.1
4	☐			293.34		P	10.1
5	☐			290.01		P	9.4
6	☐			348.90		P	6.4
7	☐			343.34		P	11.9
8	☐			528.91		P	2.4

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

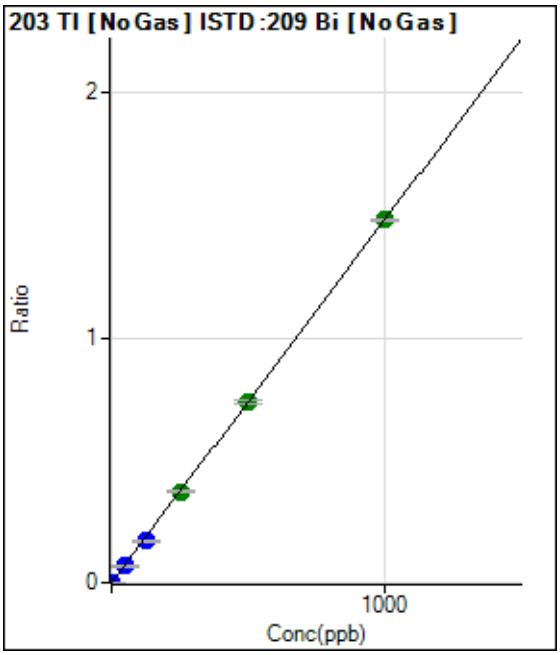


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			82.22		P	28.8
2	☐			80.00		P	15.0
3	☐			83.33		P	16.0
4	☐			102.23		P	9.4
5	☐			111.11		P	13.5
6	☐			154.45		P	11.1
7	☐			224.45		P	16.3
8	☐			426.67		P	3.6



	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

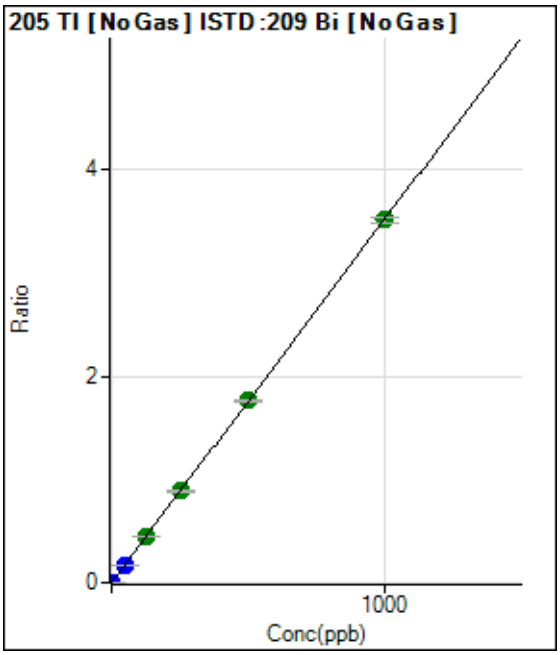
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

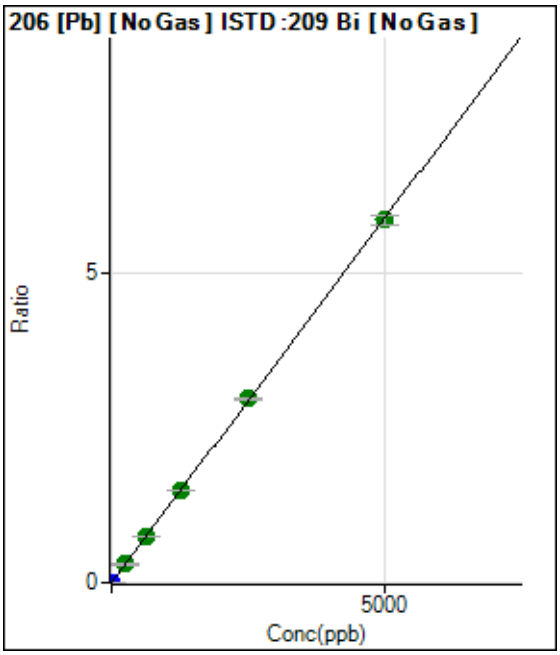


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207.78	0.0000	P	6.2
2	☐	1.000	0.867	19022.28	0.0031	P	2.2
3	☐	50.000	45.506	1008548.90	0.1600	P	1.7
4	☐	125.000	126.187	2901911.21	0.4436	A	2.1
5	☐	250.000	251.950	5968926.86	0.8856	A	1.2
6	☐	500.000	500.852	11972764.82	1.7605	A	1.3
7	☐	1000.000	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

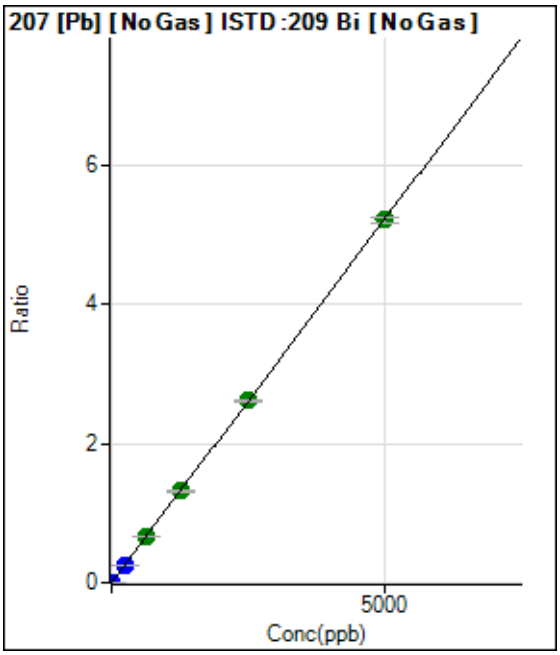
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

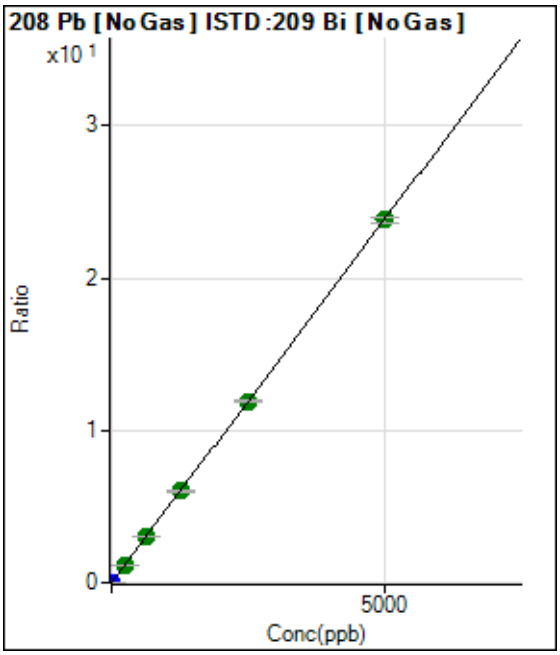


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	232.23	0.0000	P	6.3
2	☐	1.000	0.857	5742.38	0.0009	P	5.3
3	☐	250.000	227.108	1493729.09	0.2369	P	1.8
4	☐	625.000	631.602	4310256.57	0.6589	A	1.7
5	☐	1250.000	1259.959	8858370.08	1.3143	A	1.8
6	☐	2500.000	2507.010	17785972.65	2.6152	A	1.1
7	☐	5000.000	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

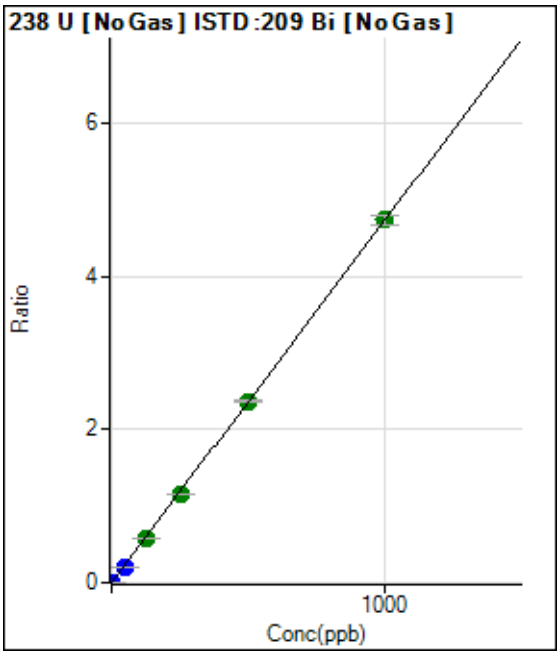
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	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

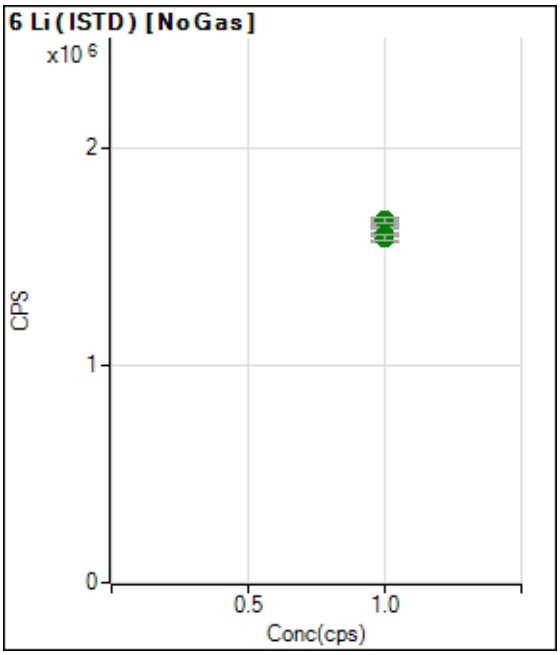


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	60.8
2	☐	1.000	0.811	23694.53	0.0038	P	1.8
3	☐	50.000	43.110	1284275.26	0.2037	P	2.2
4	☐	125.000	123.626	3821938.59	0.5842	A	1.1
5	☐	250.000	242.944	7735542.87	1.1480	A	0.7
6	☐	500.000	500.610	16088431.56	2.3655	A	1.1
7	☐	1000.000	1001.976	32721772.57	4.7346	A	2.7
8	☐			1572.33	0.0003	P	12.1

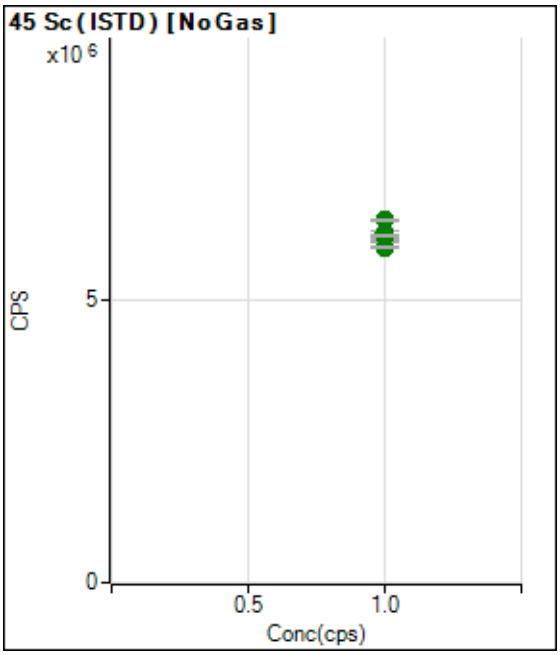
y = 0.0047 * x + 5.1860E-006
R = 1.0000
DL = 0.002002
BEC = 0.001097

Weight: <None>
Min Conc: 0

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On:10/25/2024 5:58:38 PM
Inst Id :P7

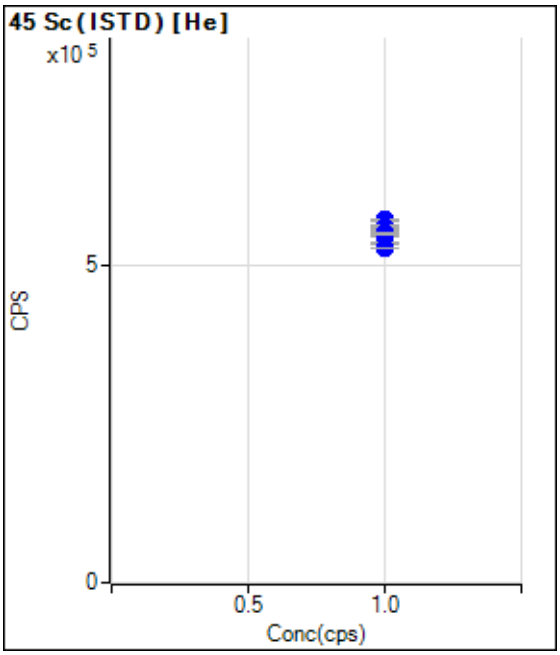


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1	☐	1.000		1638663.41		A	2.9
2	☐	1.000		1588814.75		A	2.2
3	☐	1.000		1608903.52		A	2.5
4	☐	1.000		1635963.47		A	0.6
5	☐	1.000		1661534.23		A	1.4
6	☐	1.000		1658805.76		A	2.1
7	☐	1.000		1670269.70		A	1.4
8	☐	1.000		1585850.53		A	1.7

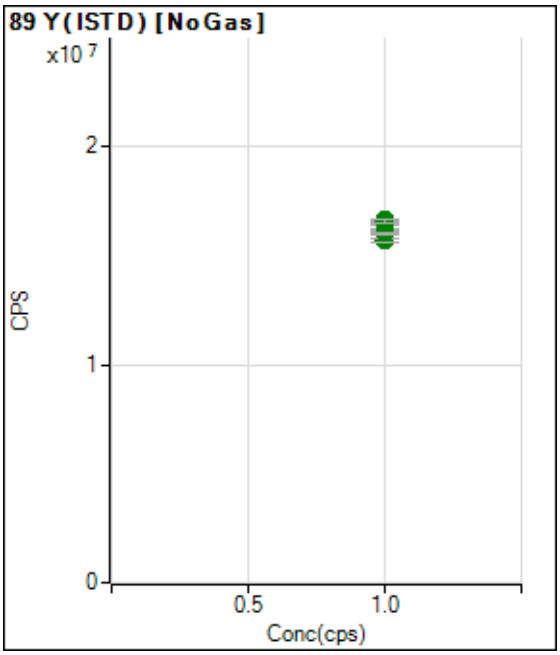


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1	☐	1.000		6417613.10		A	0.7
2	☐	1.000		6098682.55		A	1.8
3	☐	1.000		6192707.20		A	1.4
4	☐	1.000		6132661.85		A	0.9
5	☐	1.000		6034563.80		A	0.5
6	☐	1.000		5934667.41		A	0.8
7	☐	1.000		6141724.15		A	0.3
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Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

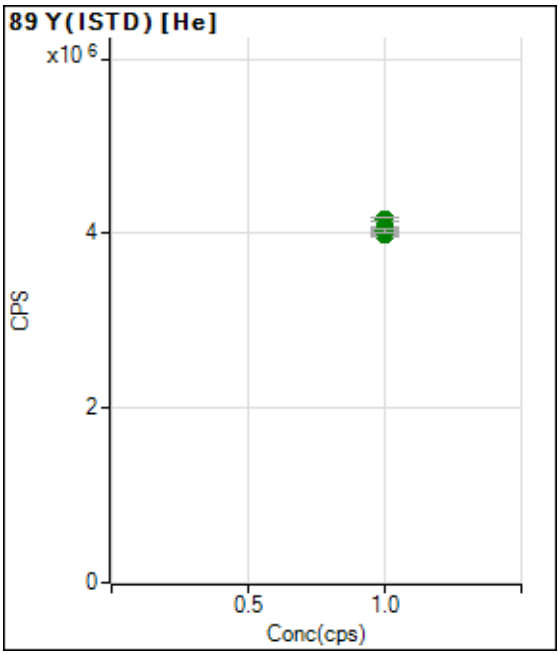


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2	☐	1.000		556047.20		P	0.5
3	☐	1.000		561981.52		P	0.6
4	☐	1.000		546253.21		P	0.1
5	☐	1.000		535887.29		P	0.6
6	☐	1.000		528949.60		P	0.1
7	☐	1.000		549979.41		P	0.9
8	☐	1.000		550710.77		P	0.3

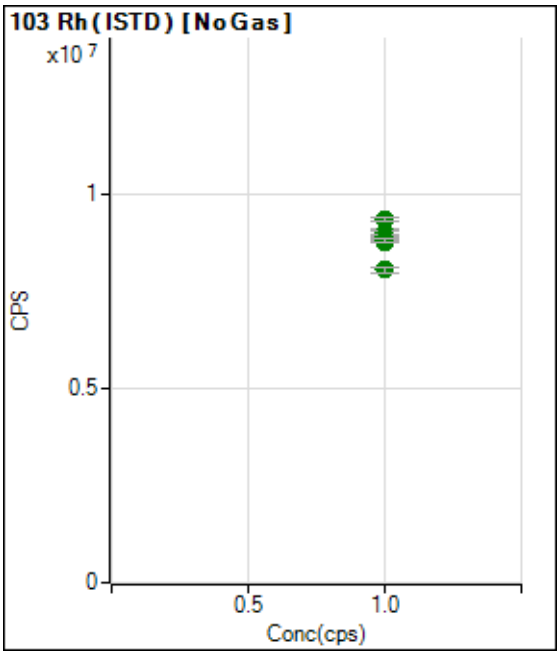


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1	☐	1.000		16643255.03		A	0.5
2	☐	1.000		15693109.07		A	1.2
3	☐	1.000		16092464.62		A	1.2
4	☐	1.000		16257745.17		A	1.3
5	☐	1.000		16179598.79		A	0.9
6	☐	1.000		16092084.34		A	0.6
7	☐	1.000		16555756.56		A	1.0
8	☐	1.000		16031701.84		A	0.6

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

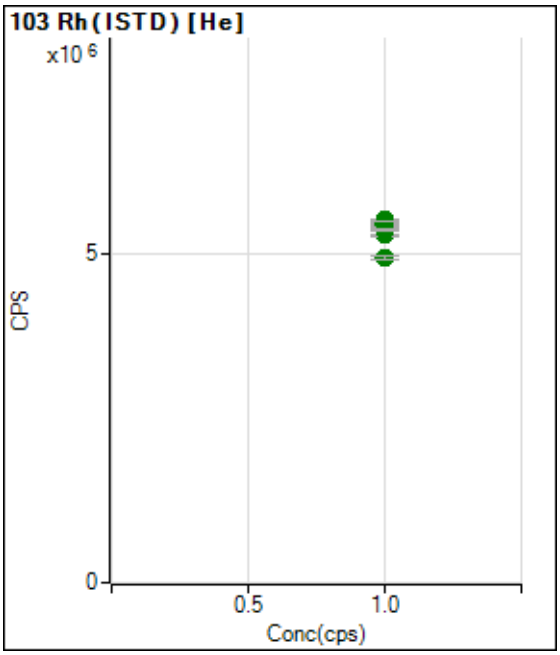


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2	☐	1.000		4014867.37		A	0.7
3	☐	1.000		4058801.26		A	0.9
4	☐	1.000		4019823.21		A	0.2
5	☐	1.000		4020736.09		A	0.6
6	☐	1.000		3978959.49		A	0.7
7	☐	1.000		4073646.99		A	0.4
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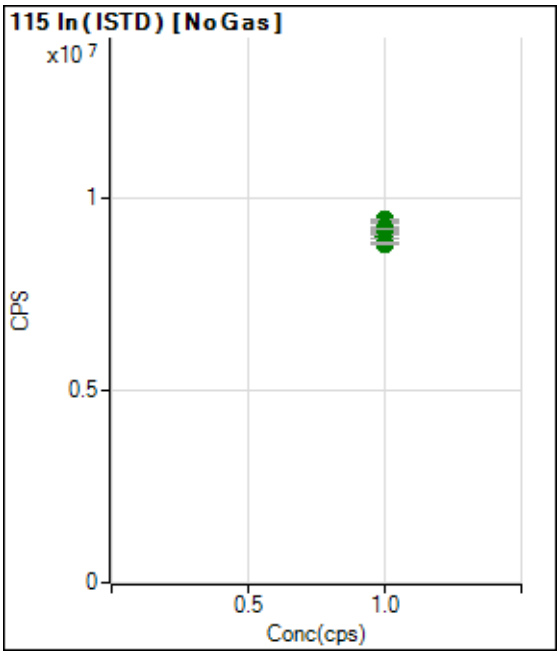


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1	☐	1.000		9326758.20		A	1.0
2	☐	1.000		8767908.97		A	0.6
3	☐	1.000		8989935.07		A	2.4
4	☐	1.000		8996836.12		A	1.6
5	☐	1.000		8917023.82		A	1.1
6	☐	1.000		8799279.31		A	0.4
7	☐	1.000		8792062.51		A	0.8
8	☐	1.000		8046265.51		A	1.7

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

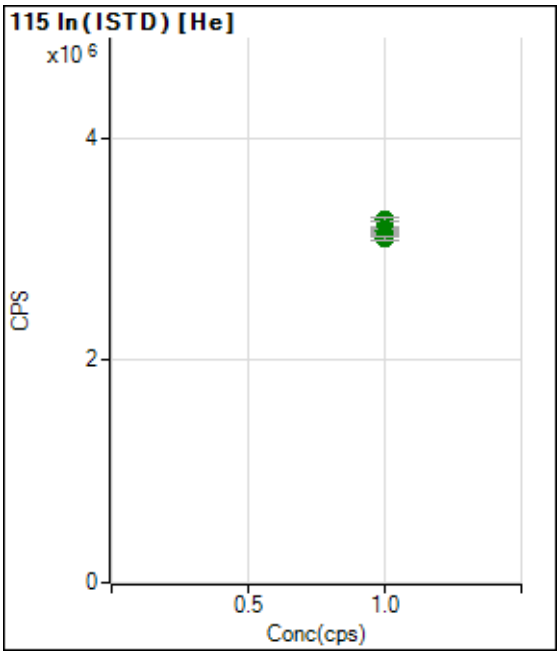


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1	☐	1.000		5518510.68		A	0.4
2	☐	1.000		5419299.57		A	0.6
3	☐	1.000		5444090.68		A	1.4
4	☐	1.000		5456986.17		A	1.6
5	☐	1.000		5367114.82		A	0.4
6	☐	1.000		5290531.00		A	0.5
7	☐	1.000		5358137.63		A	0.5
8	☐	1.000		4944783.33		A	0.8

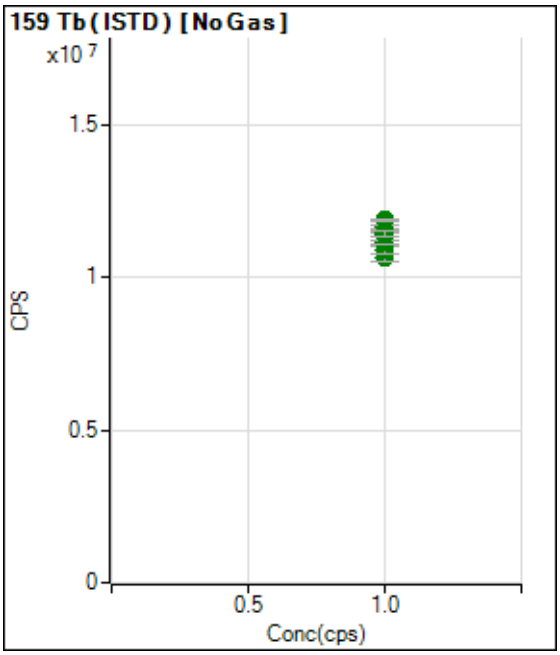


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9455406.44		A	0.6
2	☐	1.000		8973275.84		A	2.1
3	☐	1.000		9114714.72		A	1.0
4	☐	1.000		9277657.64		A	1.8
5	☐	1.000		9208511.28		A	1.4
6	☐	1.000		9038678.78		A	1.2
7	☐	1.000		9235327.40		A	0.2
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Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

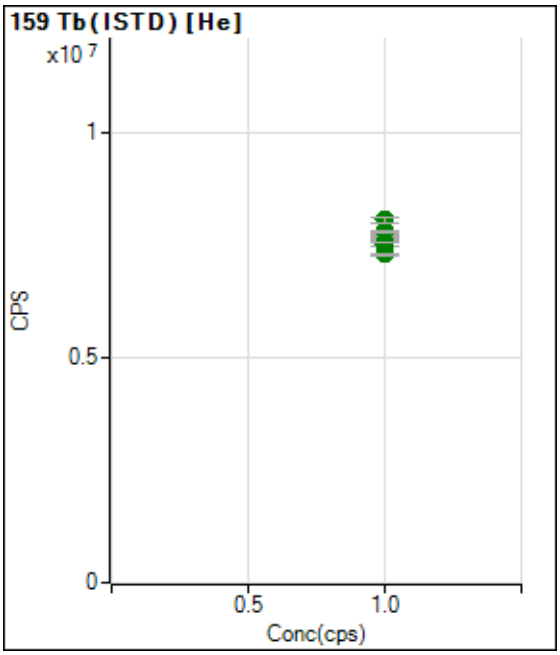


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2	☐	1.000		3148245.39		A	0.6
3	☐	1.000		3171091.39		A	1.3
4	☐	1.000		3176592.64		A	0.9
5	☐	1.000		3172661.02		A	1.2
6	☐	1.000		3126506.48		A	0.4
7	☐	1.000		3134515.83		A	0.3
8	☐	1.000		3097369.52		A	1.1

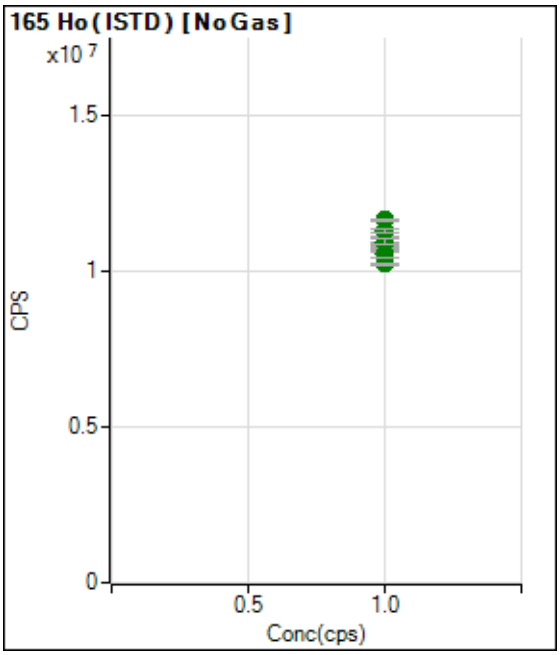


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11143917.61		A	1.5
2	☐	1.000		10629922.41		A	2.3
3	☐	1.000		10902902.27		A	2.2
4	☐	1.000		11163771.22		A	1.3
5	☐	1.000		11430830.52		A	1.2
6	☐	1.000		11660366.77		A	1.0
7	☐	1.000		11894428.16		A	0.2
8	☐	1.000		11459283.72		A	1.7

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

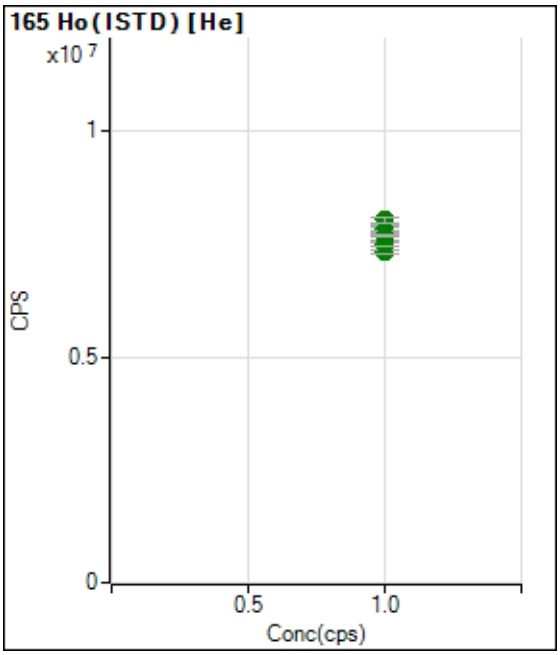


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1	☐	1.000		7526328.43		A	1.7
2	☐	1.000		7285488.36		A	0.2
3	☐	1.000		7545255.72		A	2.1
4	☐	1.000		7583285.37		A	0.1
5	☐	1.000		7690608.49		A	0.5
6	☐	1.000		7803051.34		A	0.5
7	☐	1.000		8055057.52		A	1.4
8	☐	1.000		7559983.15		A	0.3

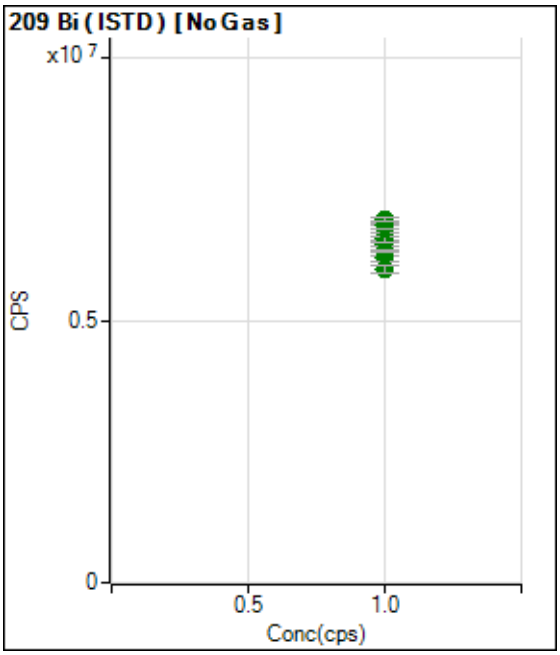


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10794874.70		A	2.3
2	☐	1.000		10228690.96		A	0.9
3	☐	1.000		10534219.98		A	1.5
4	☐	1.000		10774280.40		A	0.7
5	☐	1.000		11044225.11		A	1.9
6	☐	1.000		11302001.36		A	0.6
7	☐	1.000		11653110.10		A	0.4
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Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7

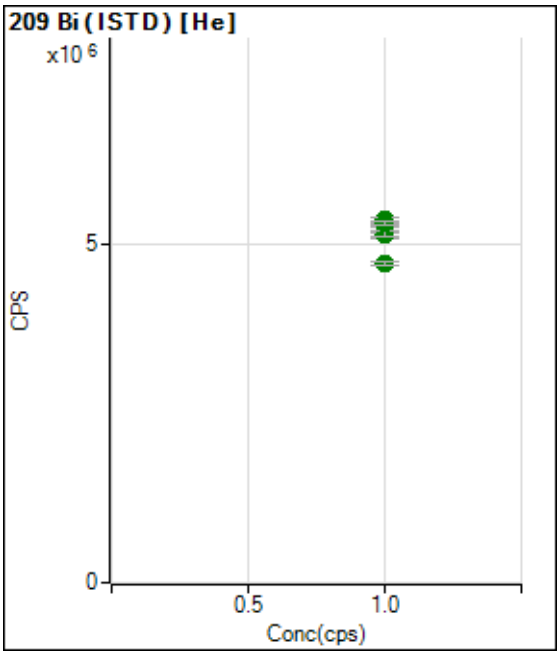


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7489210.79		A	1.0
2	☐	1.000		7312445.93		A	0.8
3	☐	1.000		7502262.53		A	1.6
4	☐	1.000		7712927.80		A	0.9
5	☐	1.000		7837460.09		A	1.2
6	☐	1.000		7845339.40		A	1.4
7	☐	1.000		8029354.67		A	1.4
8	☐	1.000		7671376.83		A	0.5



	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
On:10/25/2024 5:58:38 PM
Inst Id :P7



	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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7
ClientSampleId :TUNE005

US EPA Tune Check Report

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

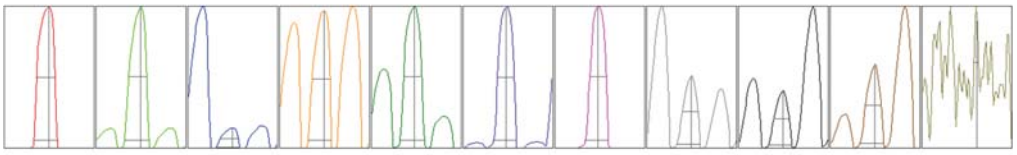
Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7
ClientSampleId :TUNE005

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	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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7
ClientSampleId :TUNE005

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.3 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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
Inst Id :P7
ClientSampleId :TUNE005

US EPA Tune Check Report

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
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
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

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
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

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	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

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	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

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	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
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
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

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
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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
On:10/25/2024 5:58:38 PM
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
On:10/25/2024 5:58:38 PM
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
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
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
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
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
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

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	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

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	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

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	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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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
On:10/25/2024 5:58:38 PM
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

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
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

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
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

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	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

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	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

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	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

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	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

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	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

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	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
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	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
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	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
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	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
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
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

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
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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
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
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

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
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
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
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

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	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

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	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
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	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

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
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
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
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
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	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

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	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

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	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

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	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

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	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

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	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

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
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
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	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
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	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

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	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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

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
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

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
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

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	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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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	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

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	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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

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	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

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	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

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	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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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
On:10/25/2024 5:58:38 PM
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
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
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

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
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

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	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

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	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

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	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

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
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

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
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

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
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

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
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

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
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
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

Reviewed By:Mohan
On:10/25/2024 5:58:38 PM
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

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	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

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	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

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	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

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	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

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	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

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	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

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
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

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Prep Standard - Chemical Standard Summary

Order ID : P4302

Test : Metals CLP MS FULL

Prepbatch ID : PB164141,

Sequence ID/Qc Batch ID: LB133124,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,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,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	04/24/2025	Al-Terek Isaac	METALS_SCALE_2 (M SC-2)	METALS_PIPETTE_1 (ICP A)	Sarabjit Jaswal 06/21/2024

FROM 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP82127	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1250.00000ml of M6040 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/29/2025	03/16/2023 / jaswal	03/16/2023 / jaswal	M5473

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 / jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 / jaswal	08/03/2022 / Al-Terek	M5634

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2023 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/08/2025	08/09/2024 / jaswal	08/01/2024 / Janvi	M6040

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	03/25/2029	10/06/2024 / Janvi	09/02/2024 / Janvi	M6083

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

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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	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R 8/5/24

M6028

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

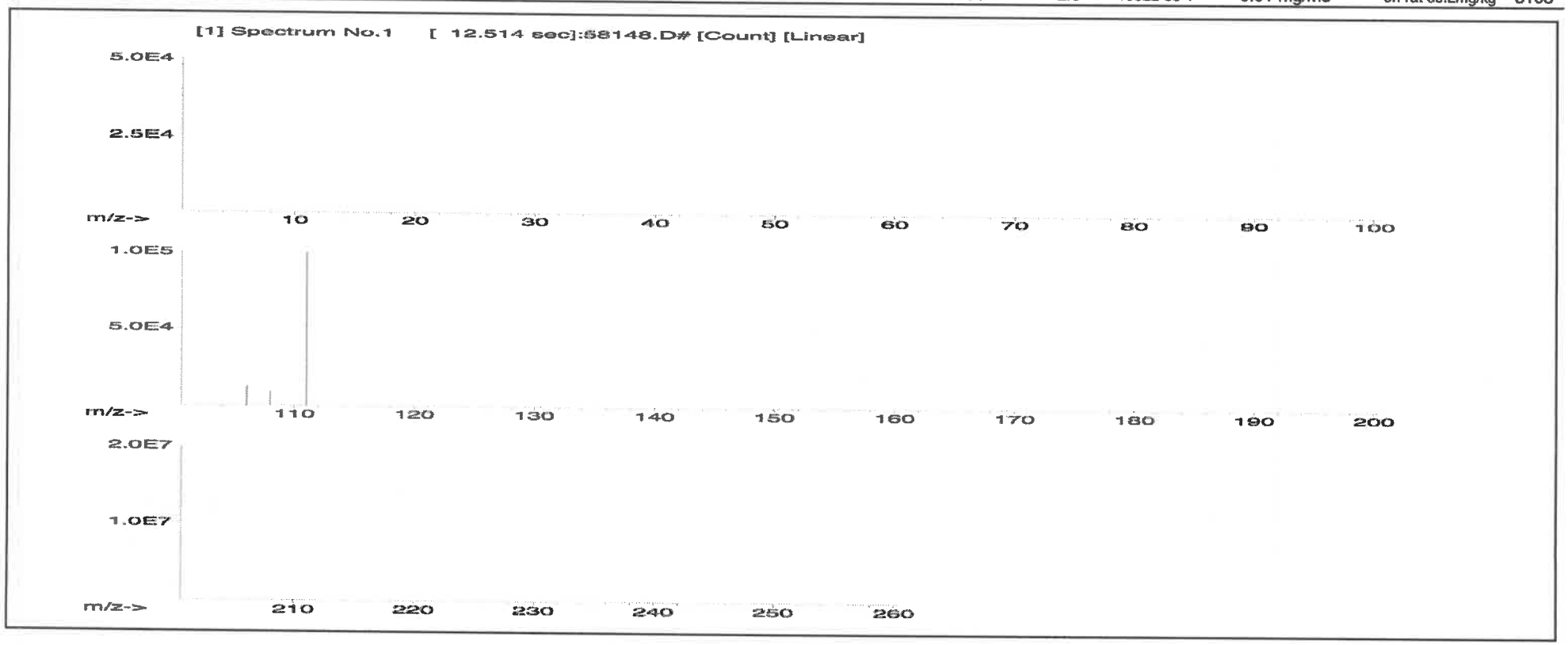
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

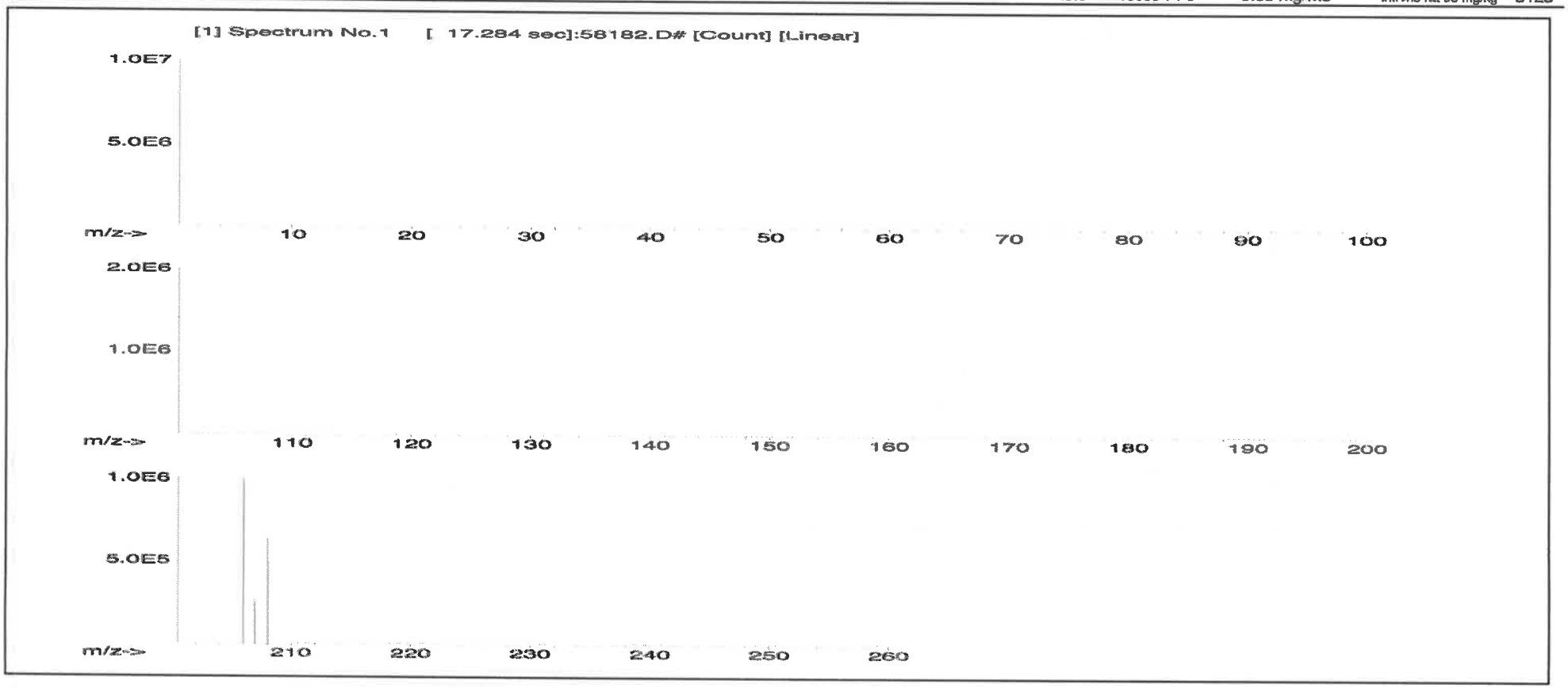
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546		Nitric Acid
	2%	40.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
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M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

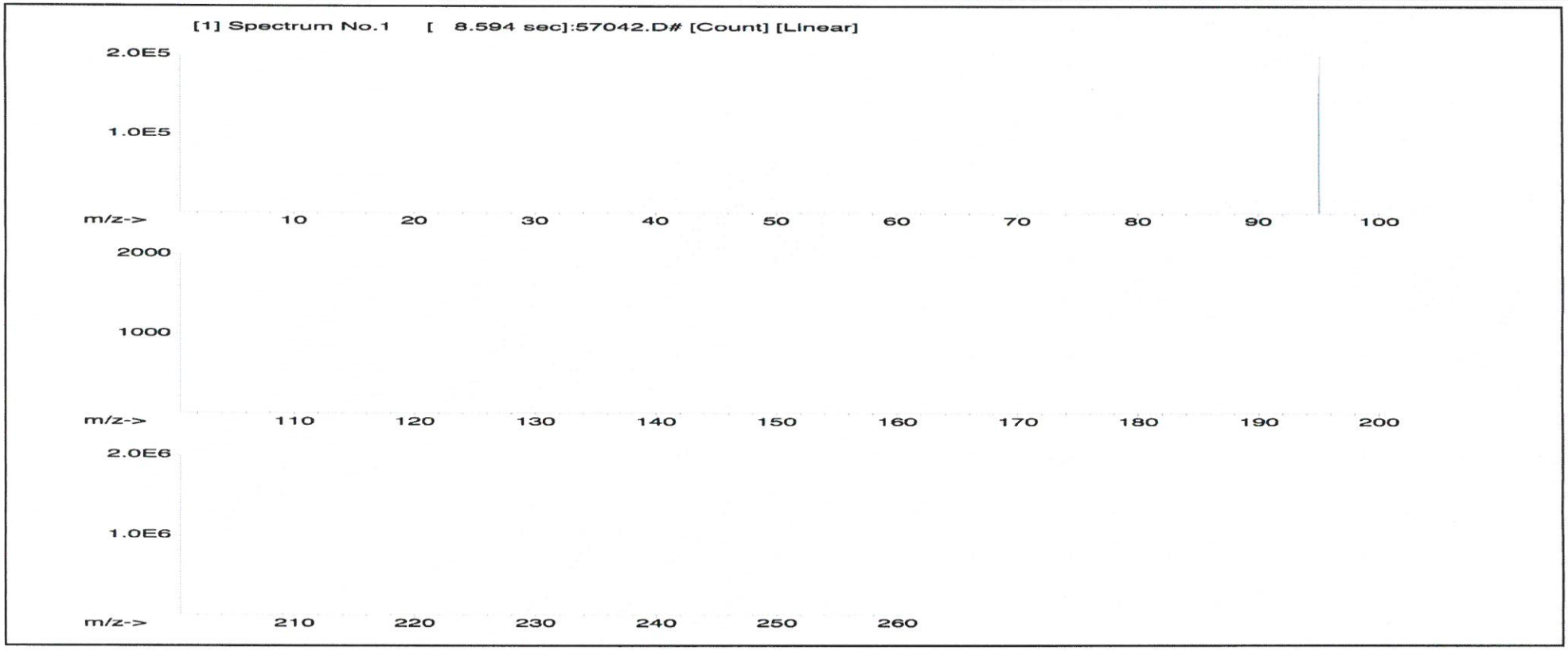
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

	Lot #	Solvent:	
	MKBQ8597V	Ammonium hydroxide	
	0.5%	15.0 (mL)	Ammonium hydroxide

Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Volume shown below was diluted to (mL): 3000.41 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	051722
Reviewed By:	Pedro L. Rentas	051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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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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* 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:

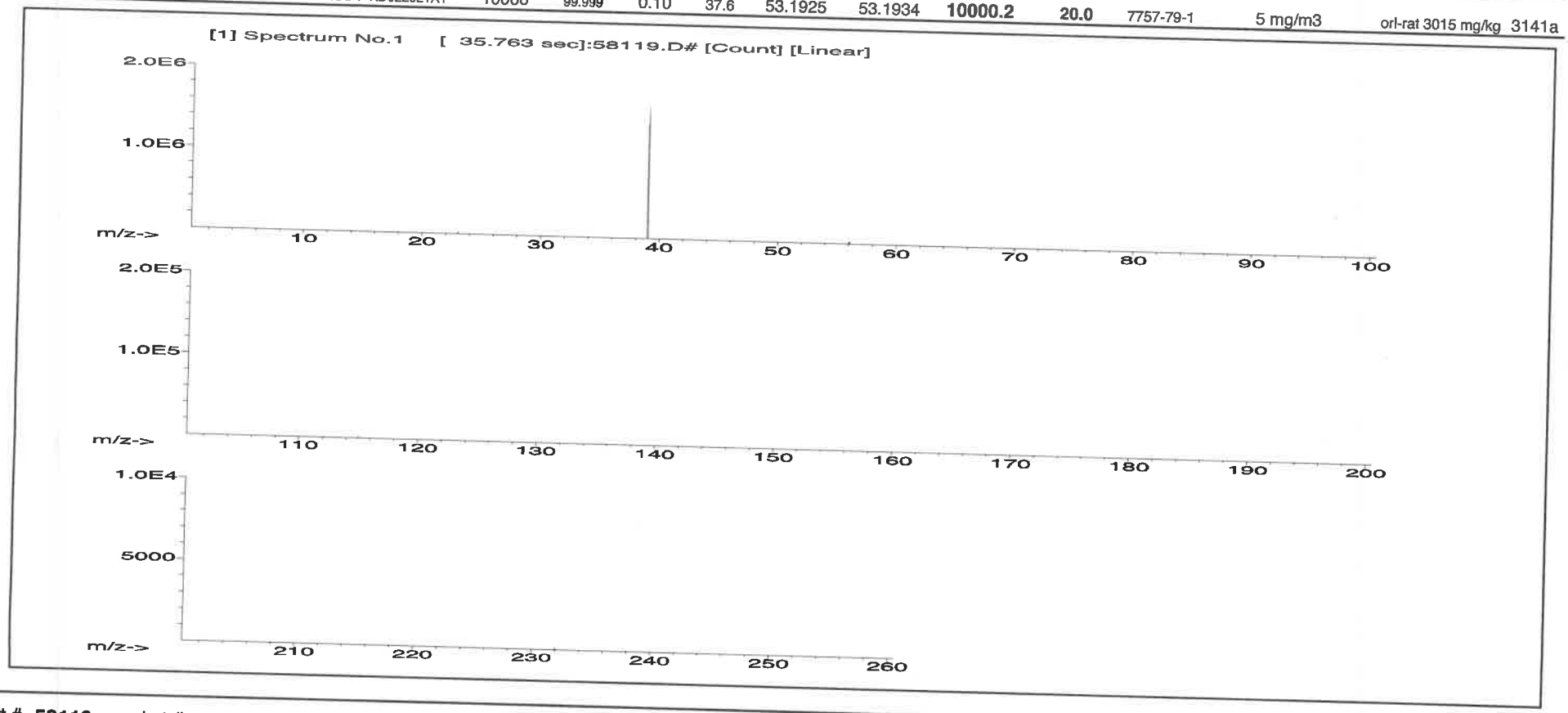
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

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:



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M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

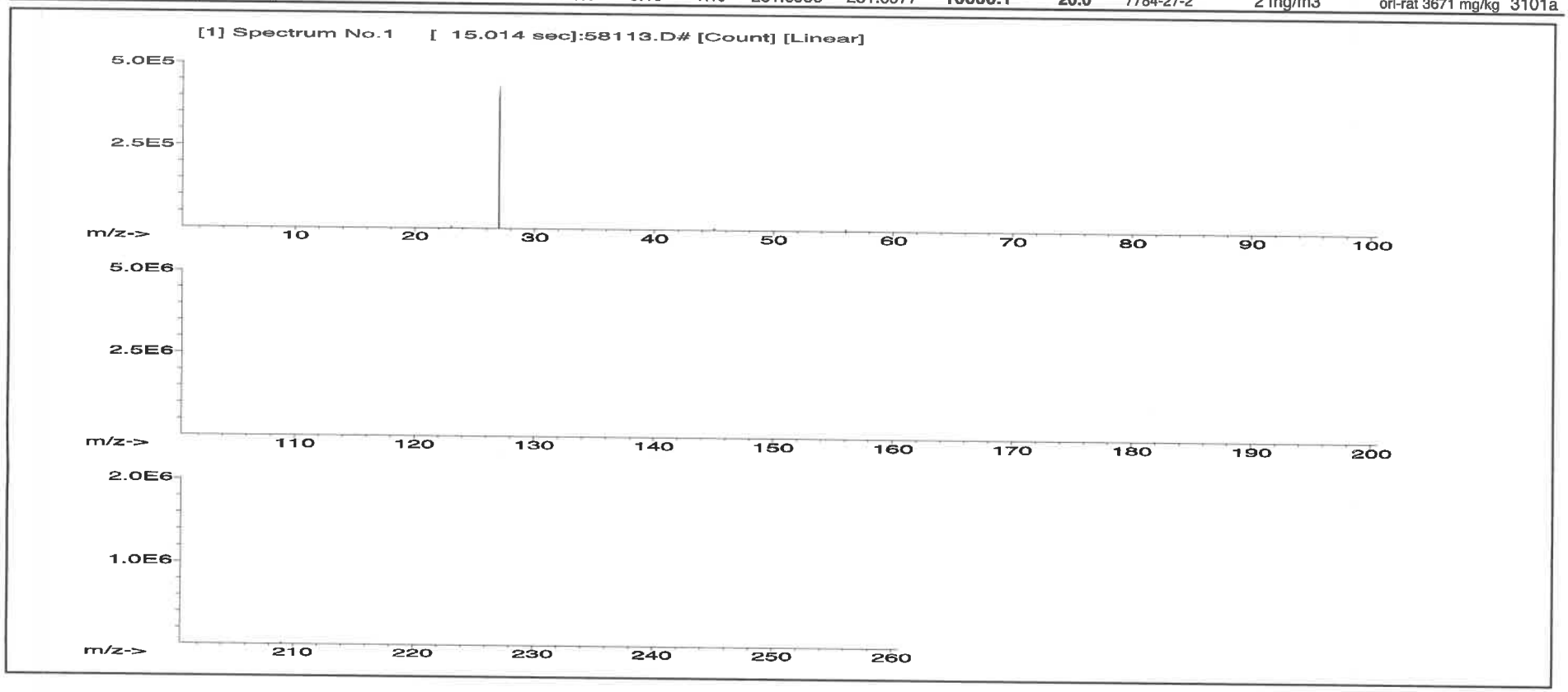
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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
Lot Number:	**070622**		**Solvent:**	20370011	Nitric Acid
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	070625				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

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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

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Certificate of Analysis

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inorganicventures.com

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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:	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



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R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

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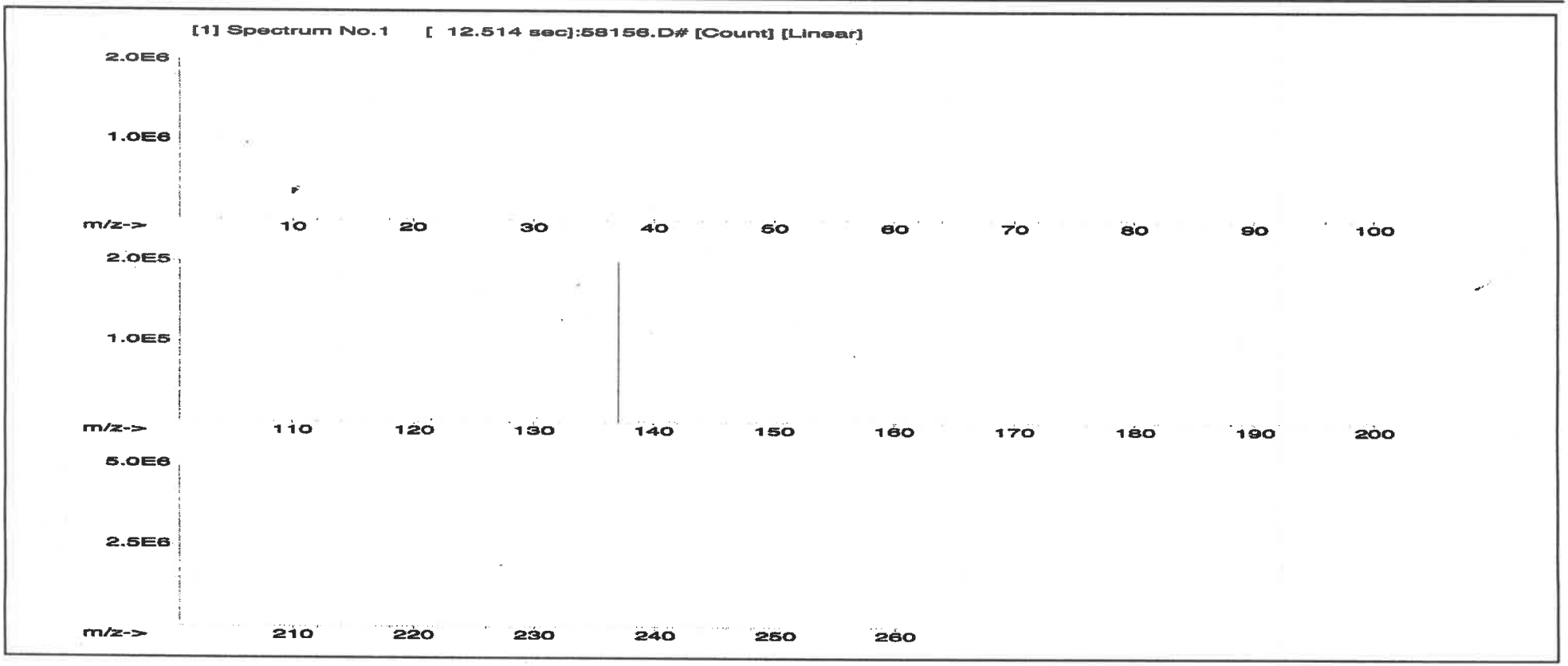
CERTIFIED WEIGHT REPORT:

		Lot #		
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	**2.0**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

IN5497 - IN5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

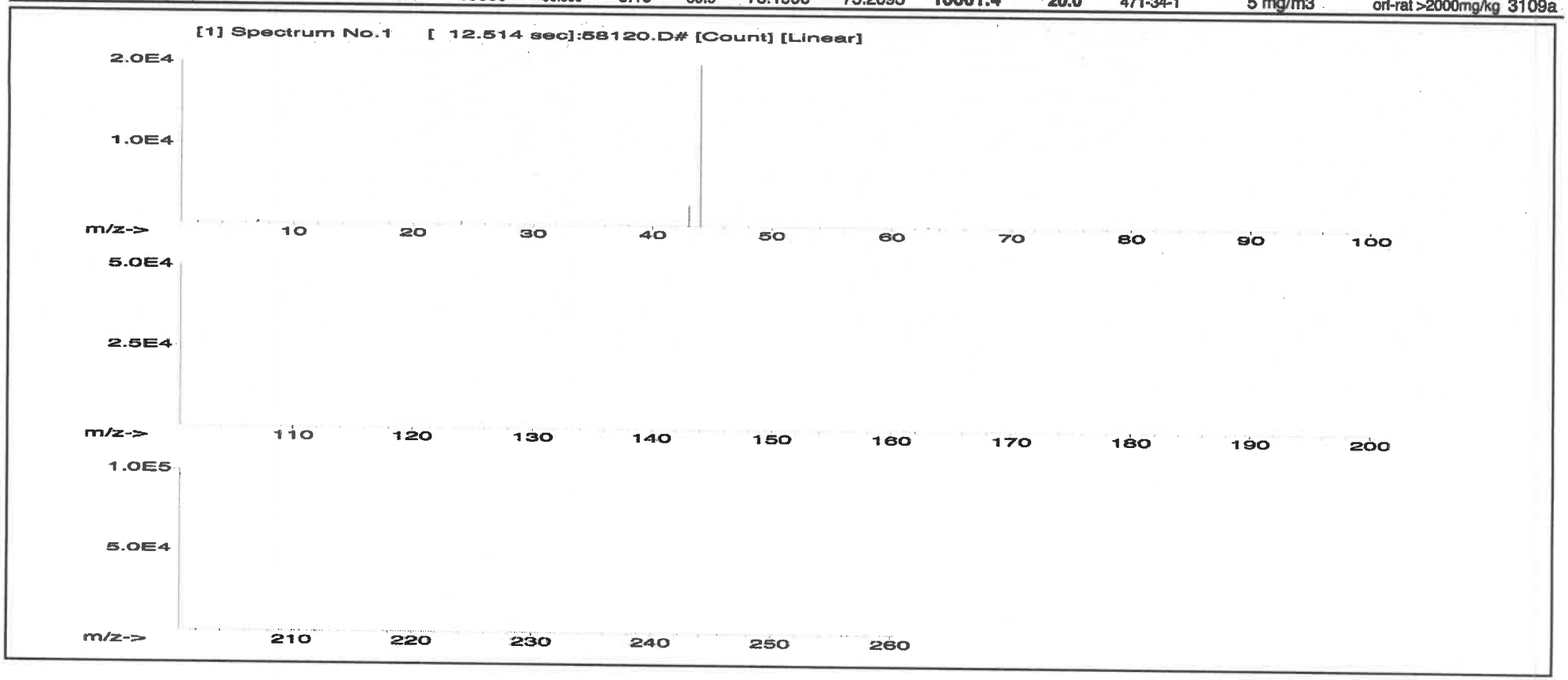
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

		Lot #	
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* 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

MS513 R:03/17/23 BE

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

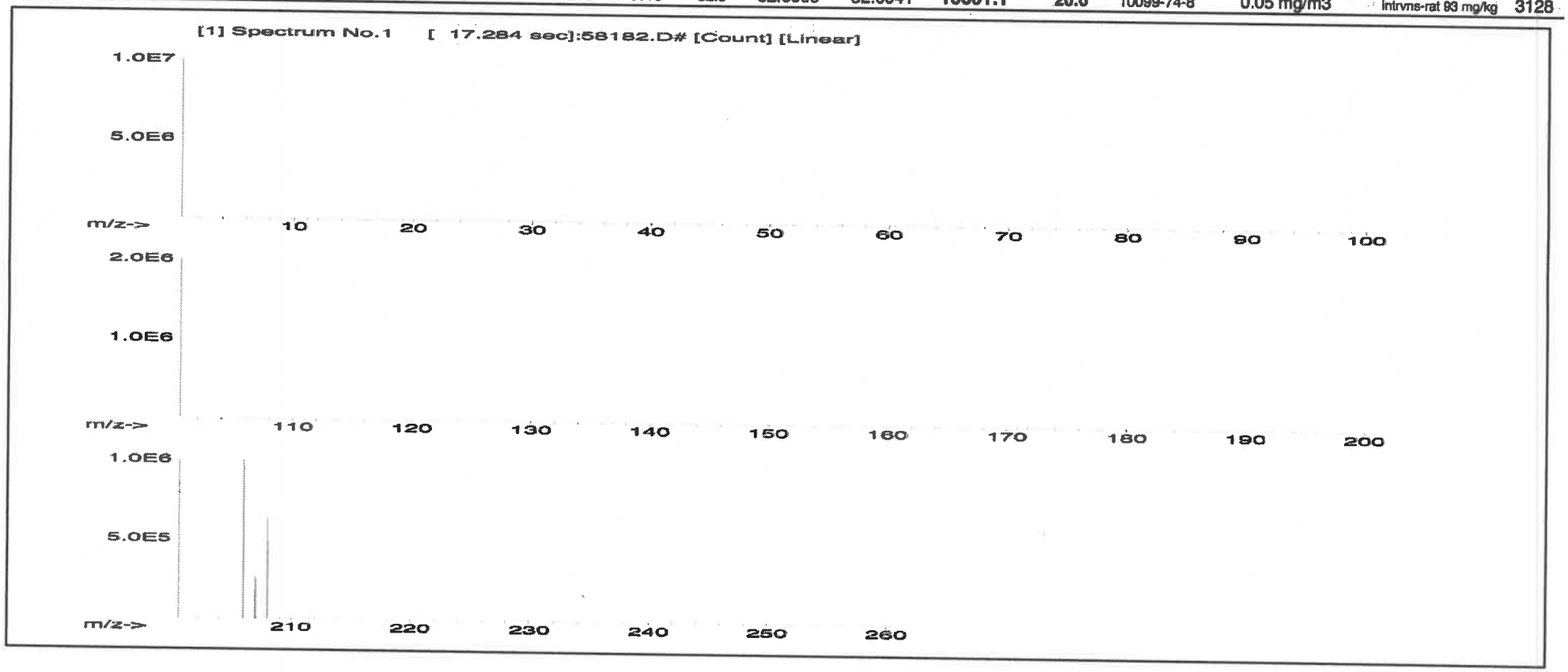
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5514 - M5515 R: 03/17/22

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CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 5000.1 ± 0.12 Flask Uncertainty

	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

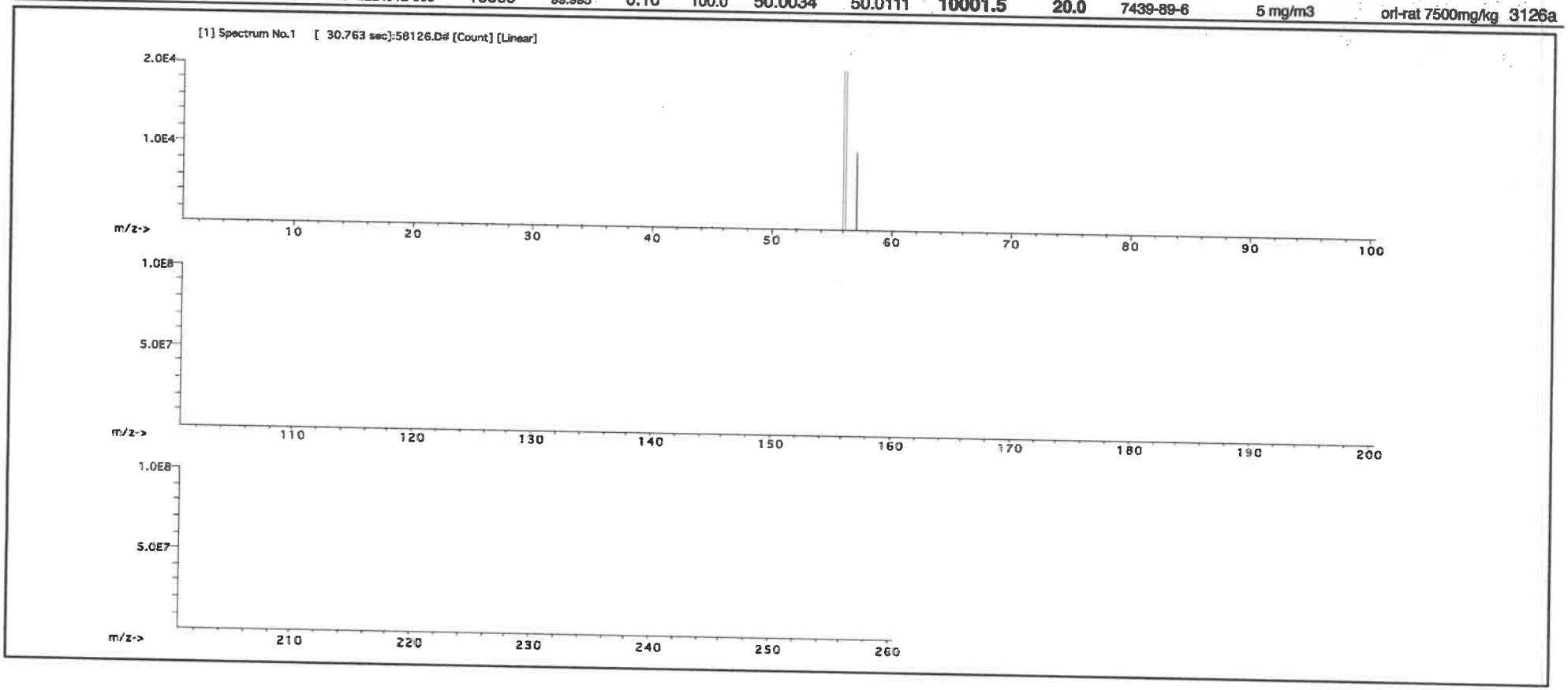
Giovanni Esposito

Formulated By: Giovanni Esposito 092122

Pedro Rentas

Reviewed By: Pedro L. Rentas 092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* 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

M519. M520 (BH) R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

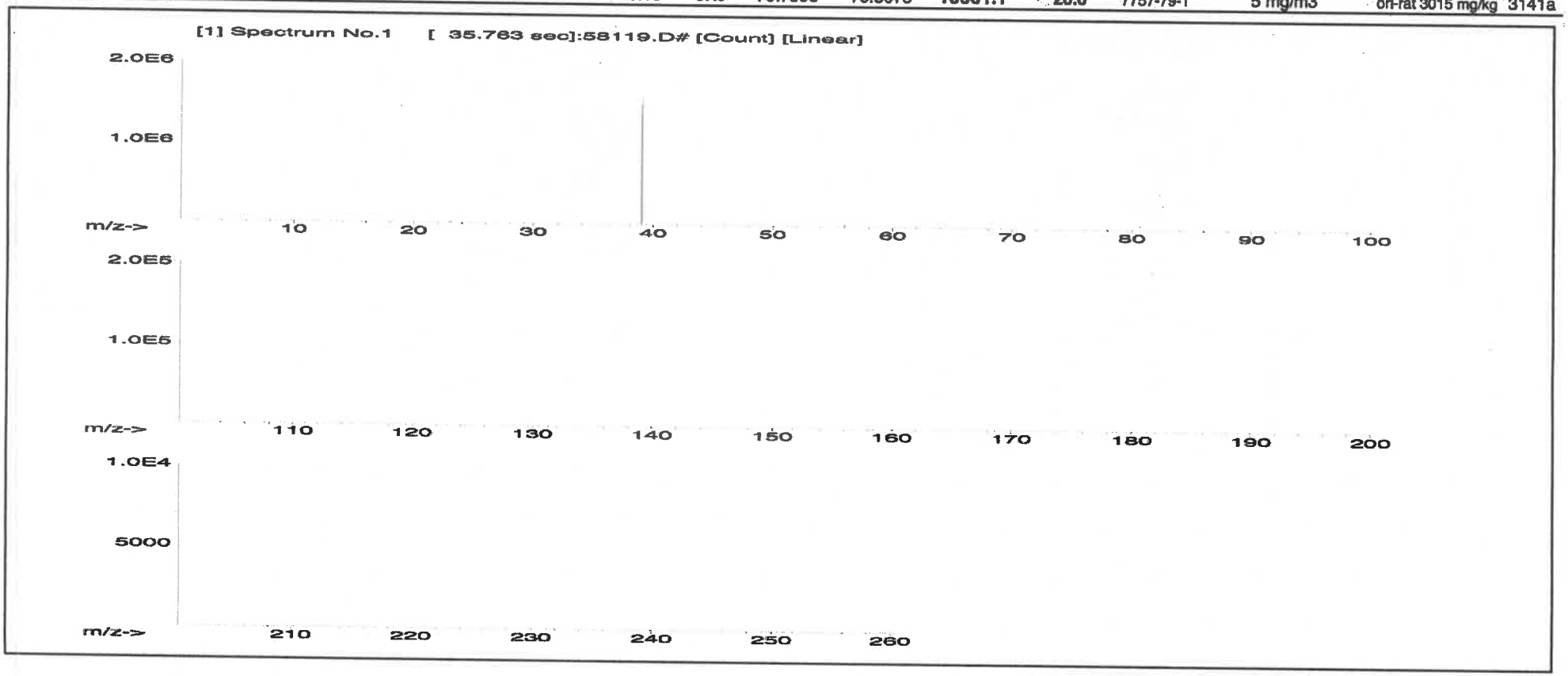
Lot #		
Solvent: 20510011		Nitric Acid
2%	60.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

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M5657 A: 8/29/22

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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	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

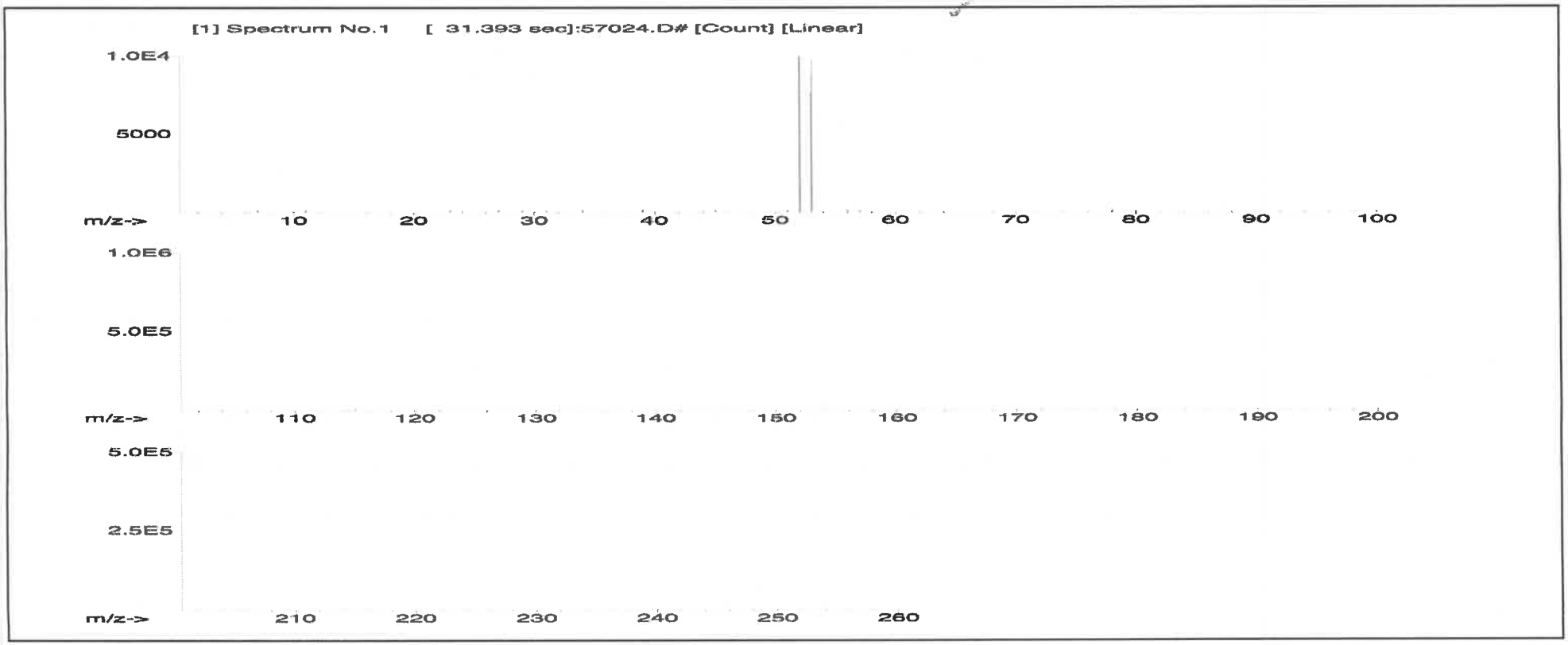
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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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www.absolutestandards.com

Certified Reference Material CRM

M5697 R: 10/27/23

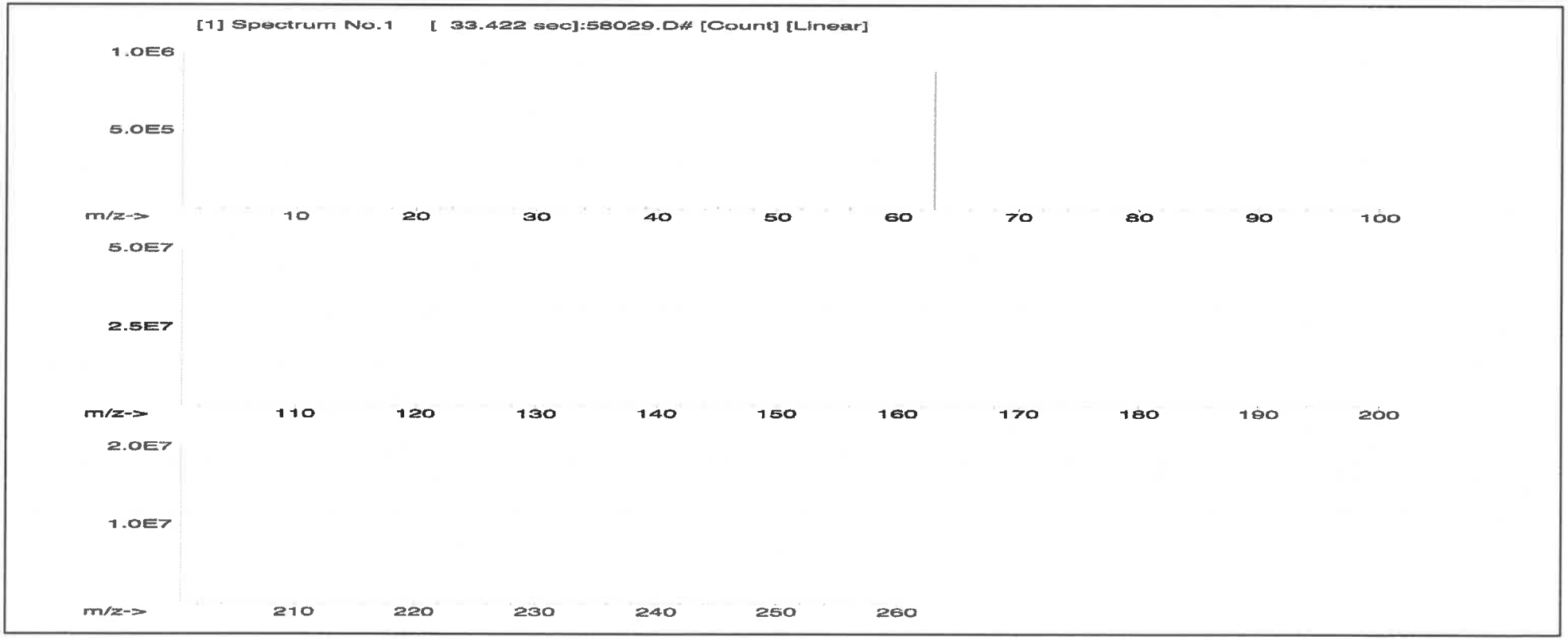
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Copper (Cu)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	100223	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5648 R: 10/27/23

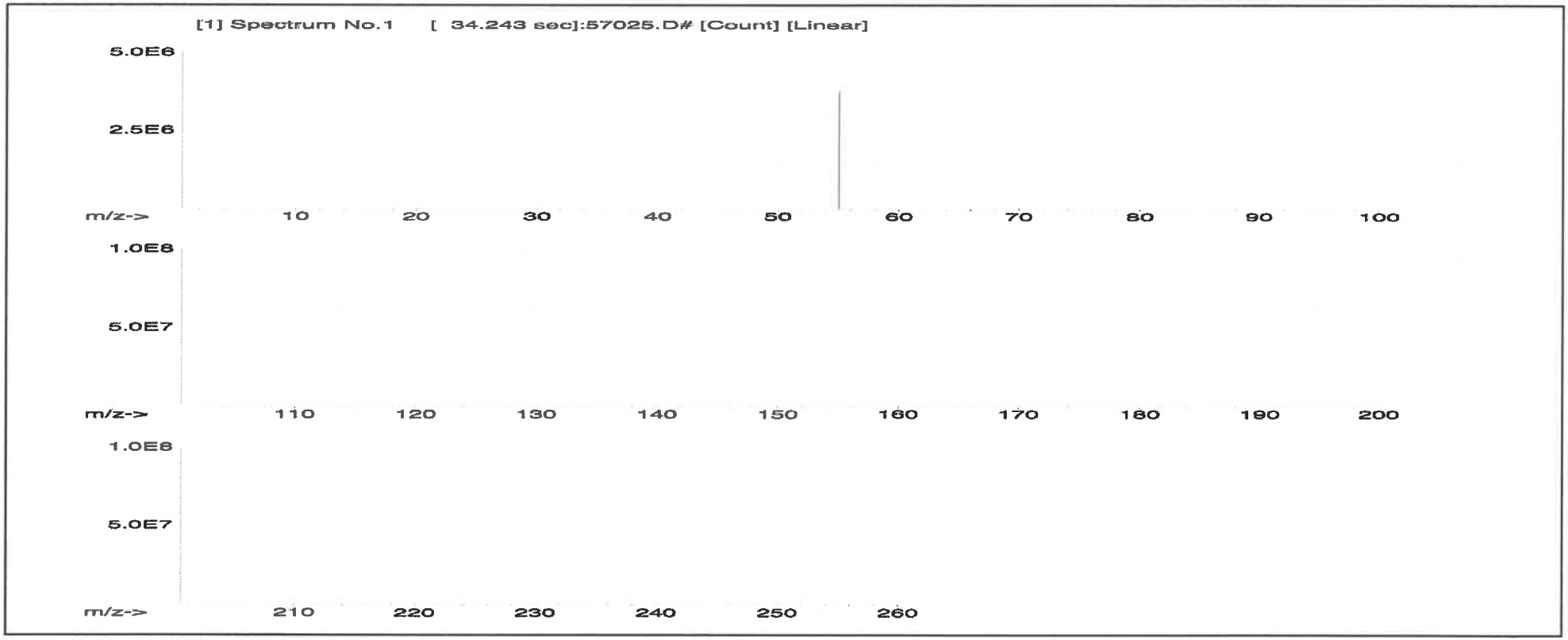
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

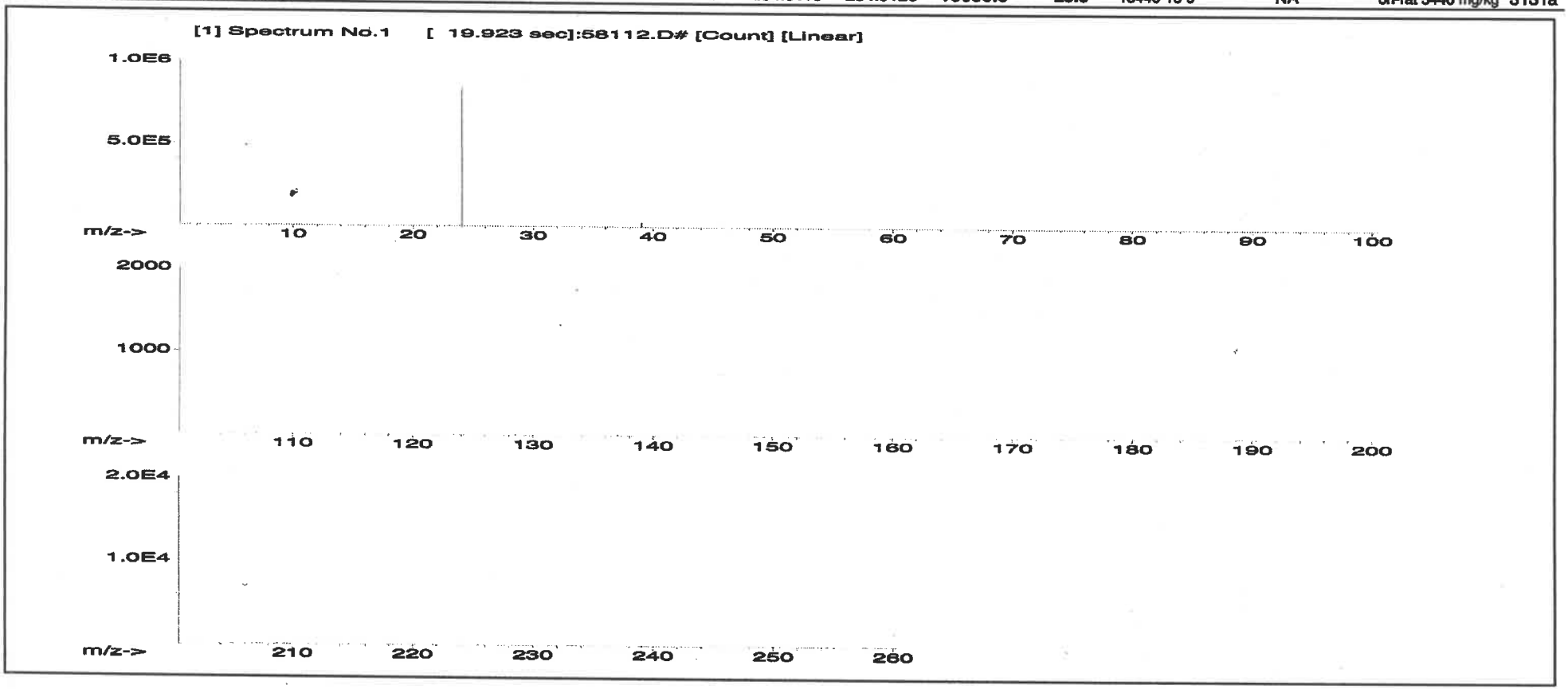
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

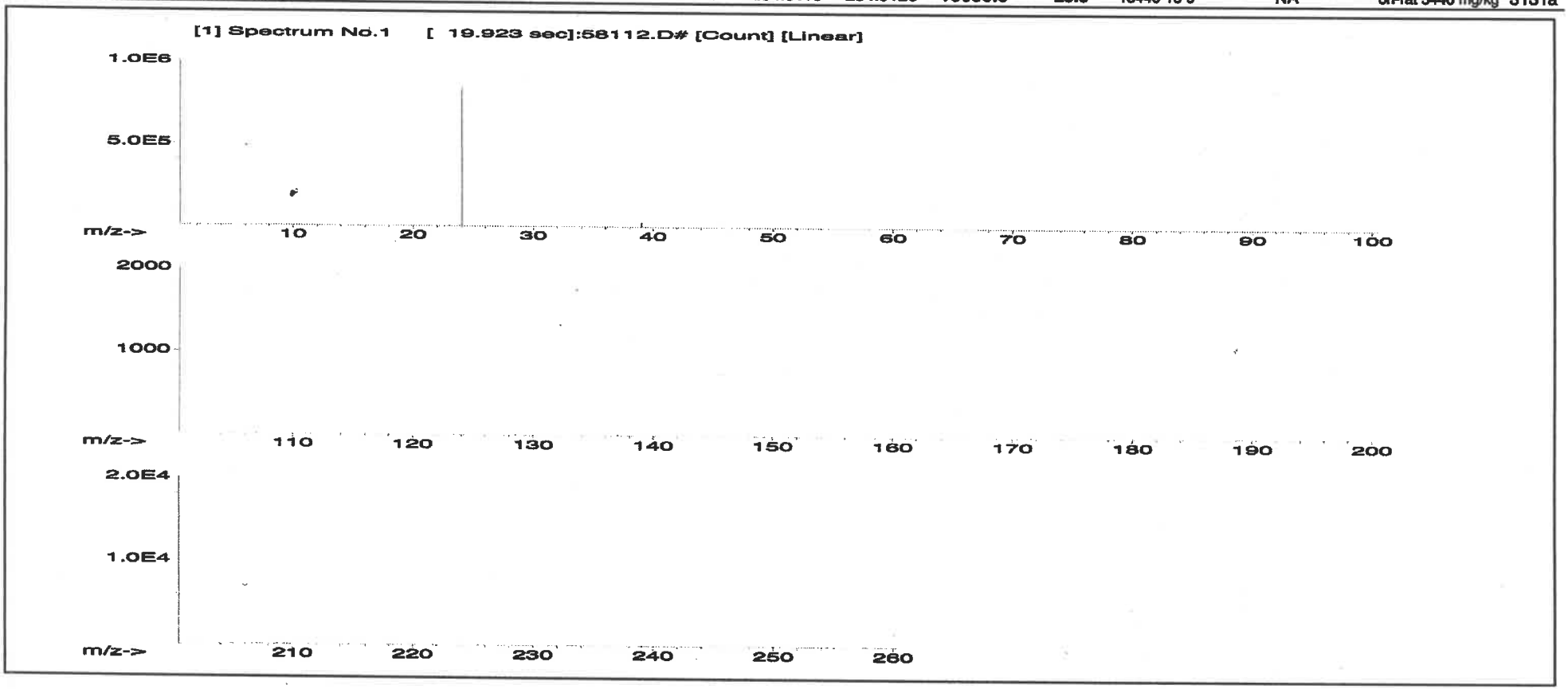
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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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 M5798

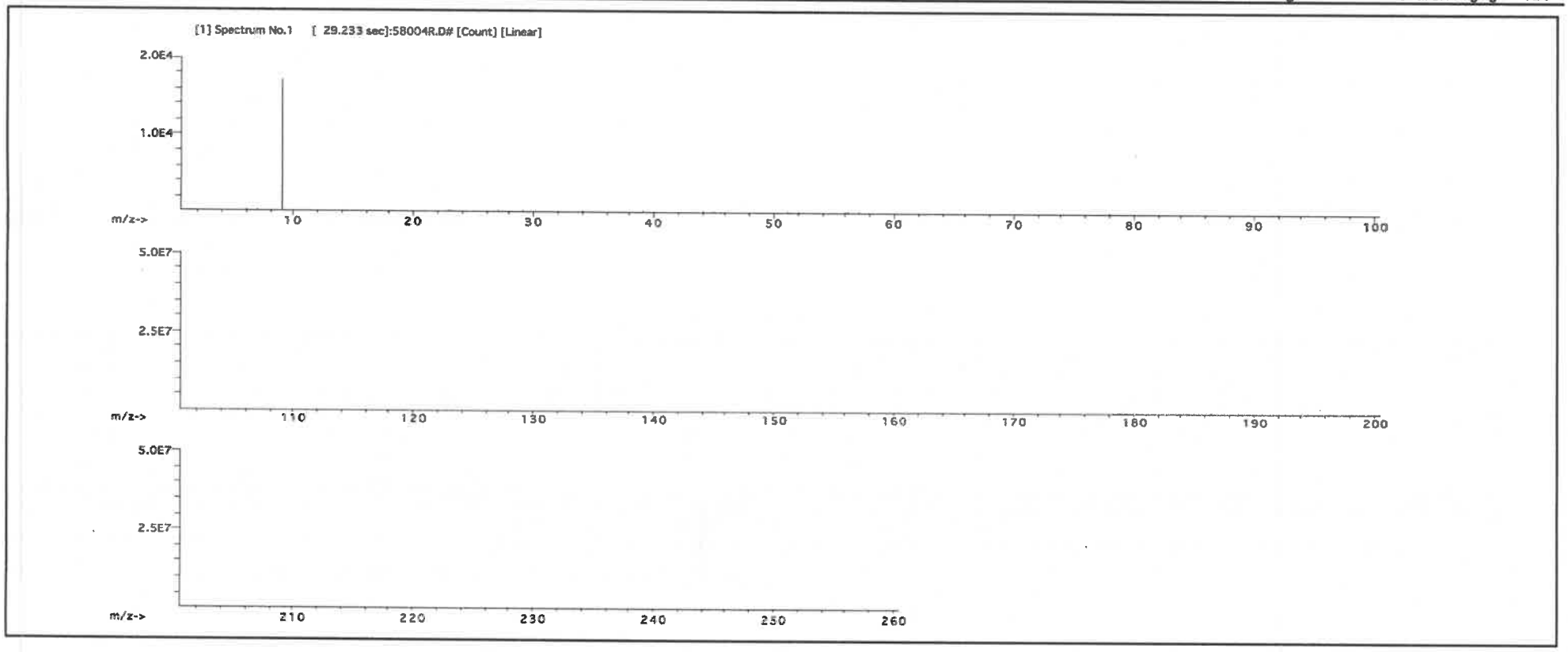
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R? 02/09/24 IV15799

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

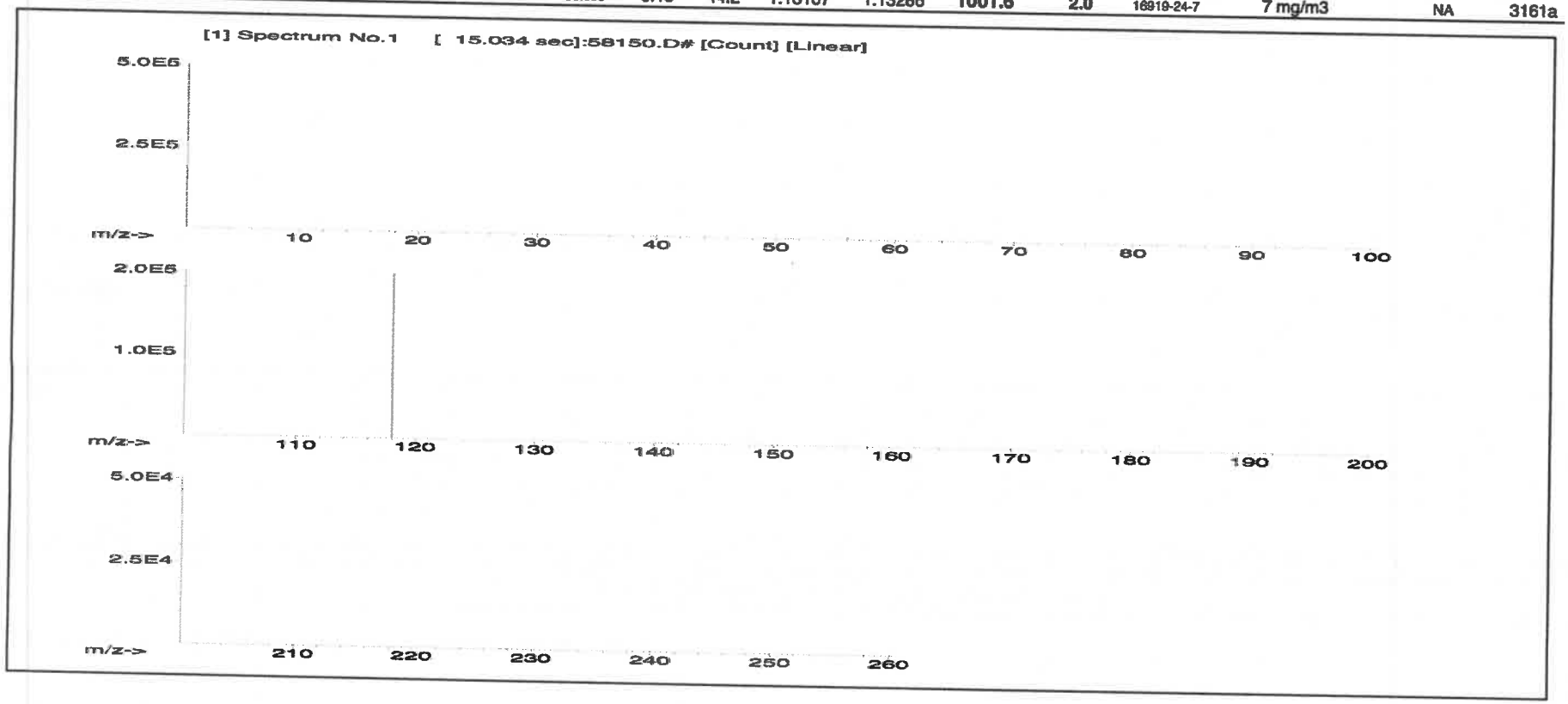
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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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* 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 IM5800 BH

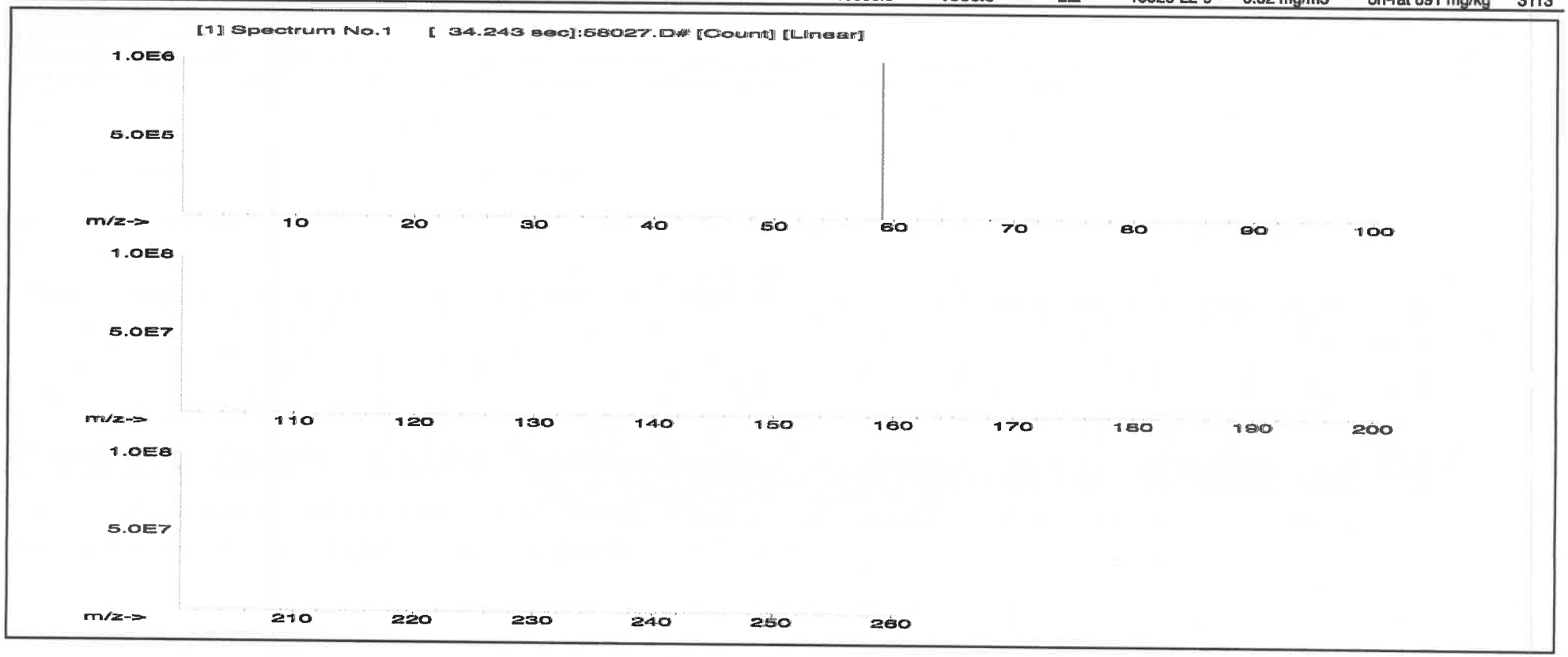
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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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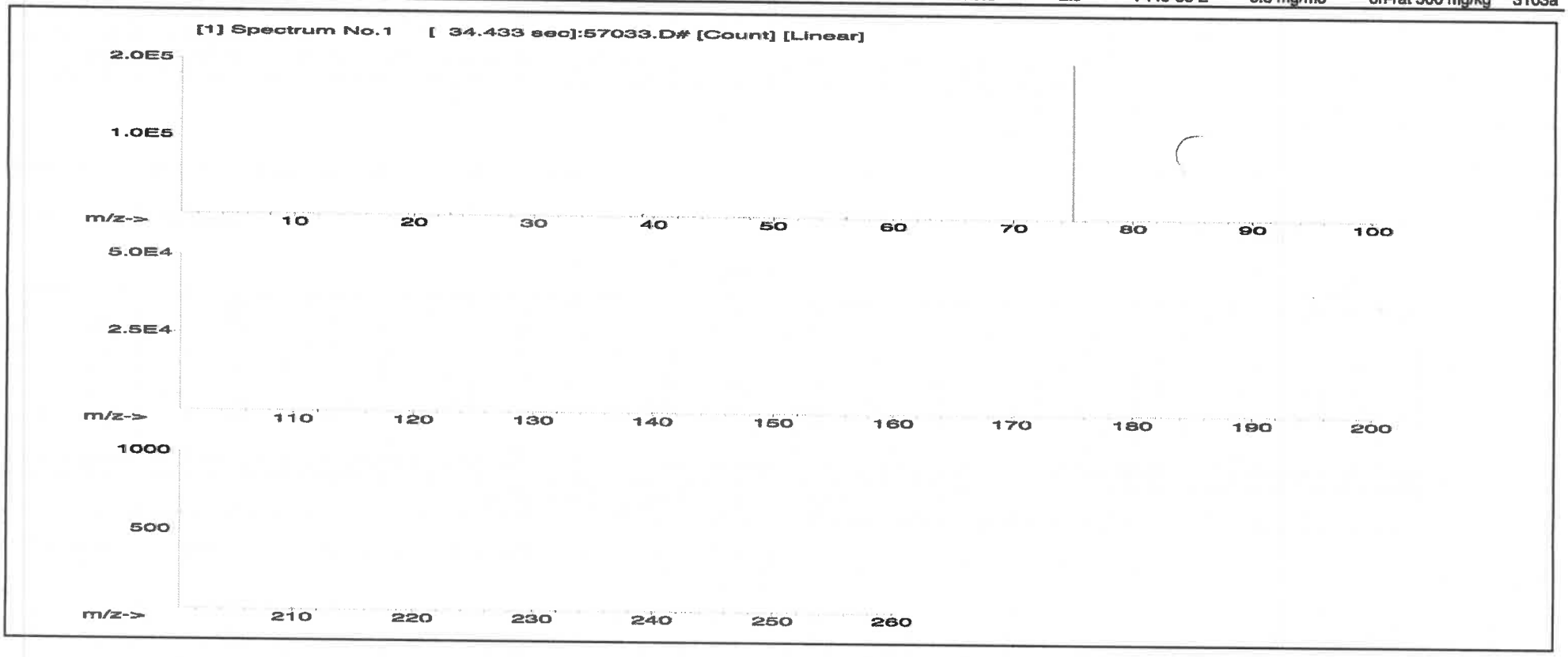
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CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* 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).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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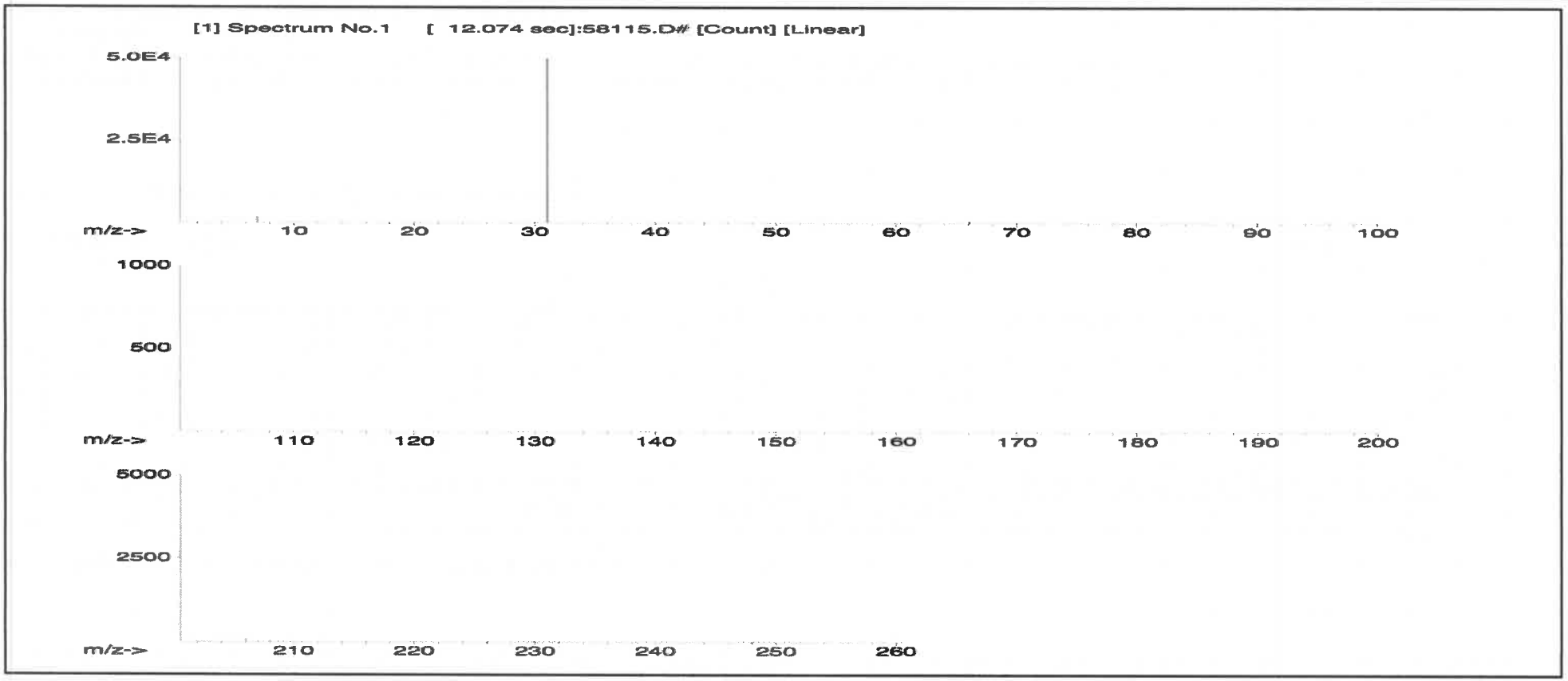
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CERTIFIED WEIGHT REPORT:

			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.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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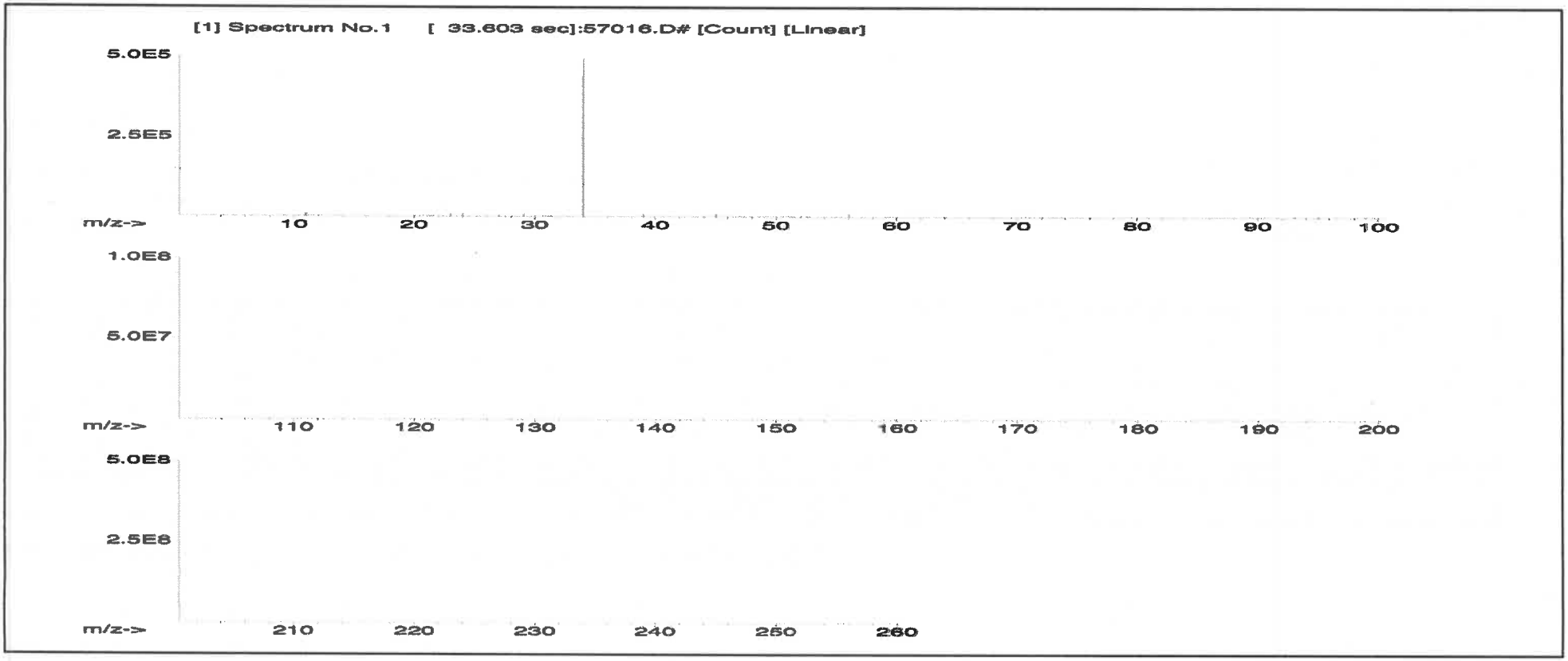
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CERTIFIED WEIGHT REPORT:

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:



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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

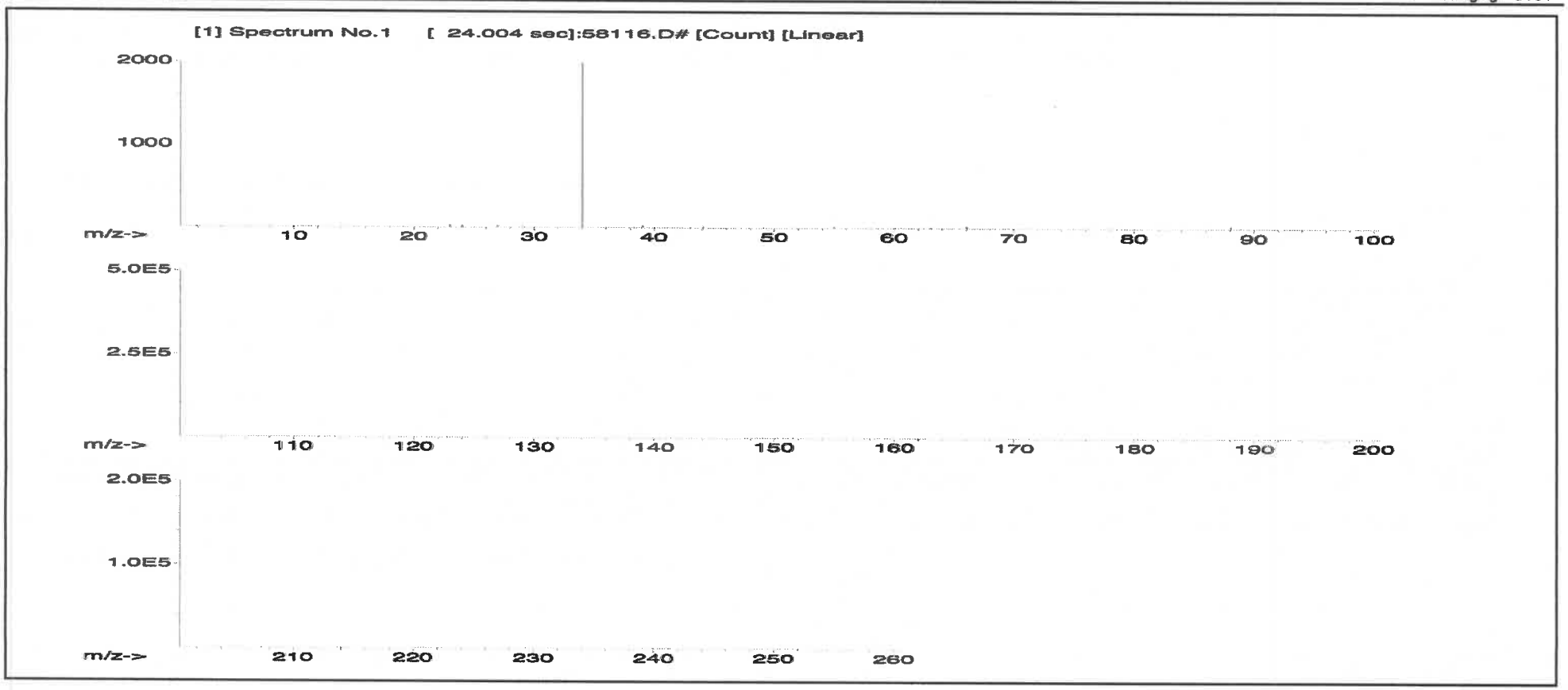
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

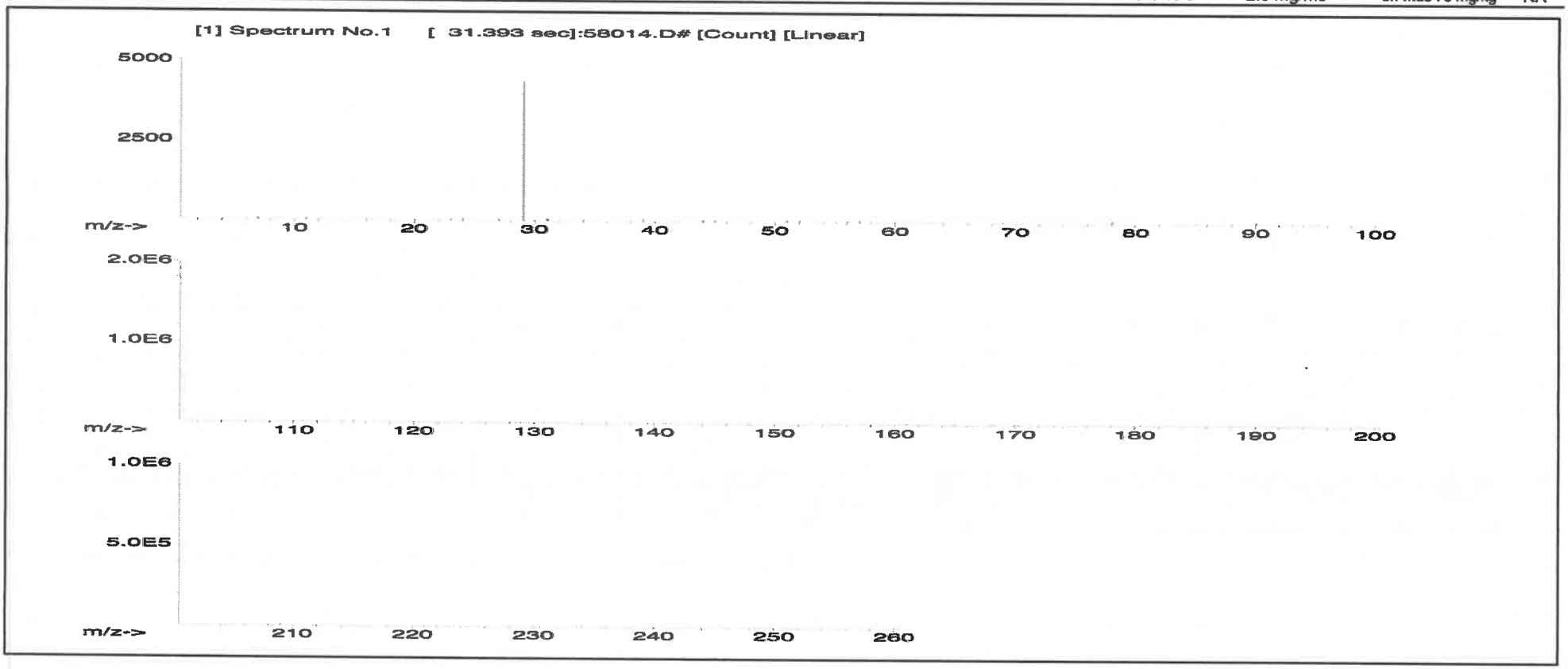
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

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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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 02/09/24 M5819

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CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

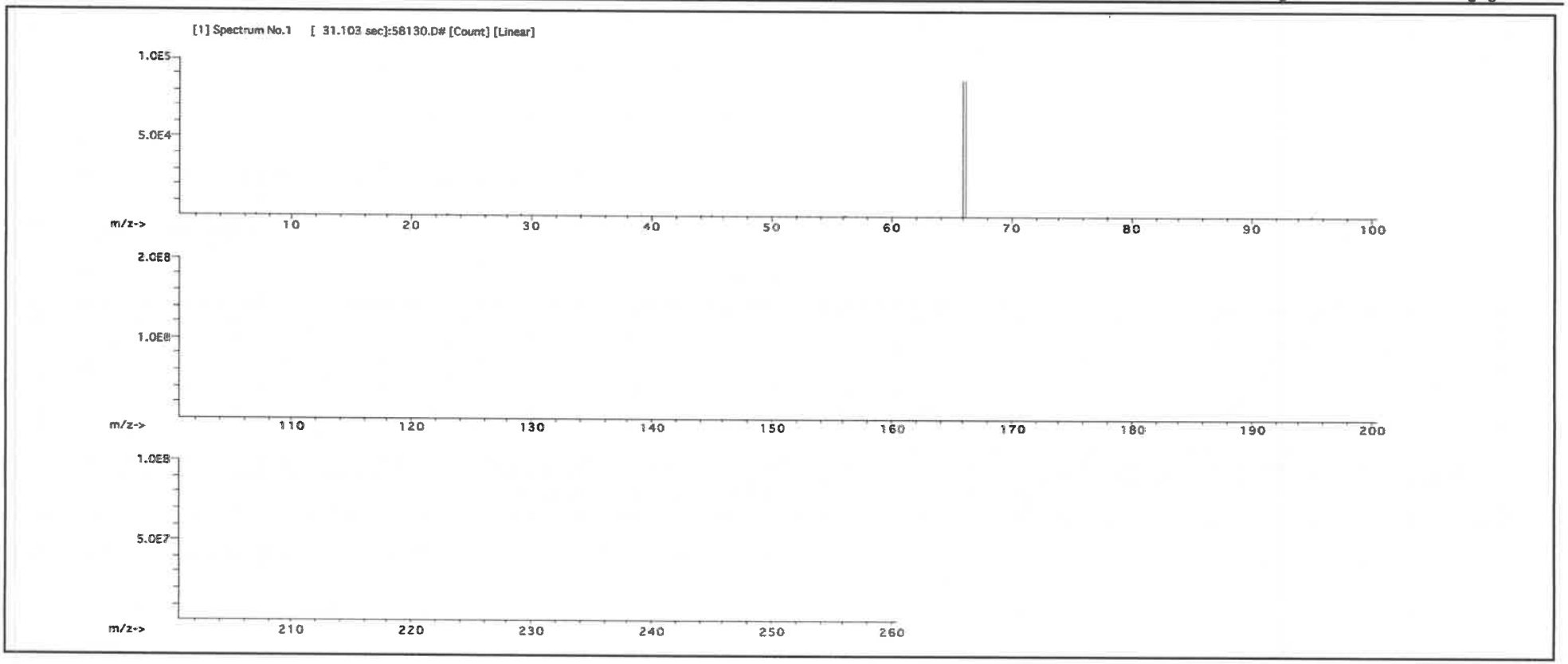
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
	2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* 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: 02/09/24 M5820

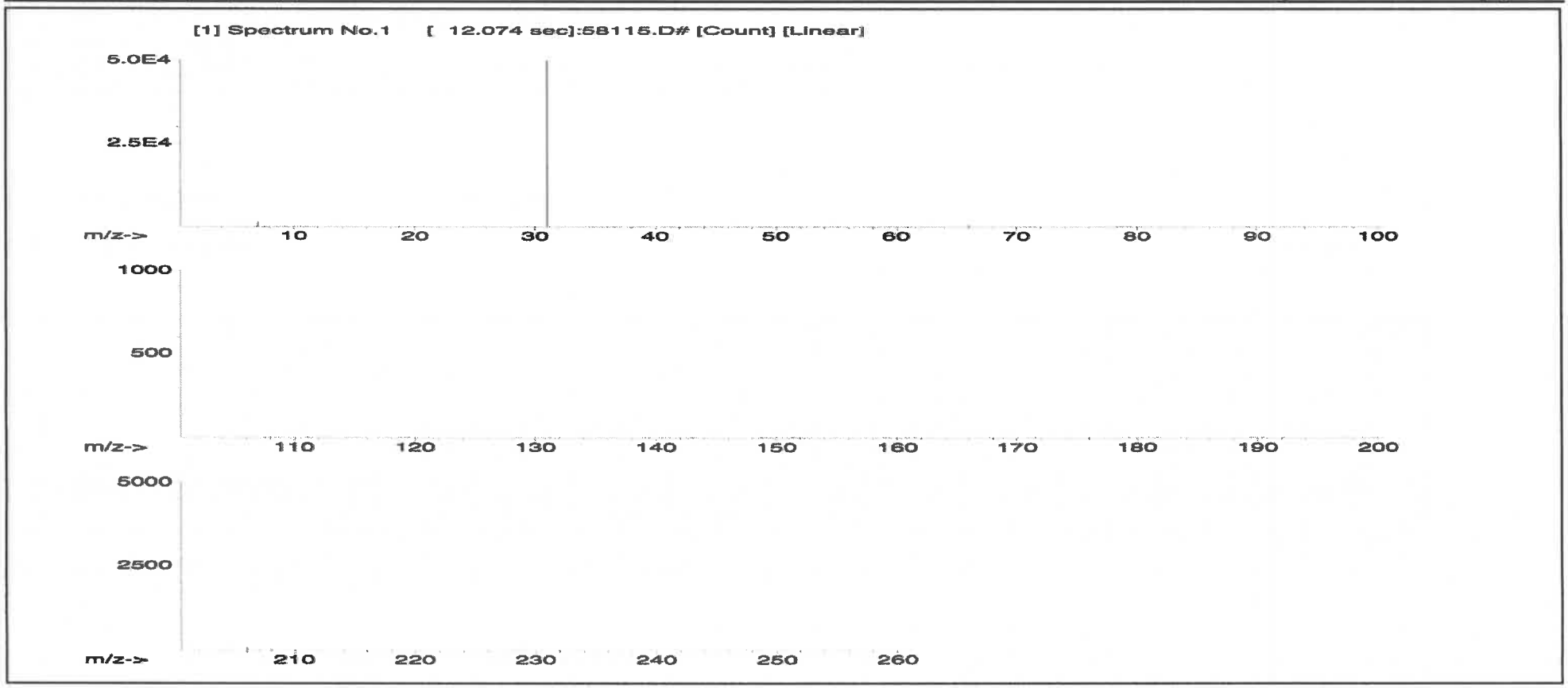
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CERTIFIED WEIGHT REPORT:

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.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5961 R: 6/11/24

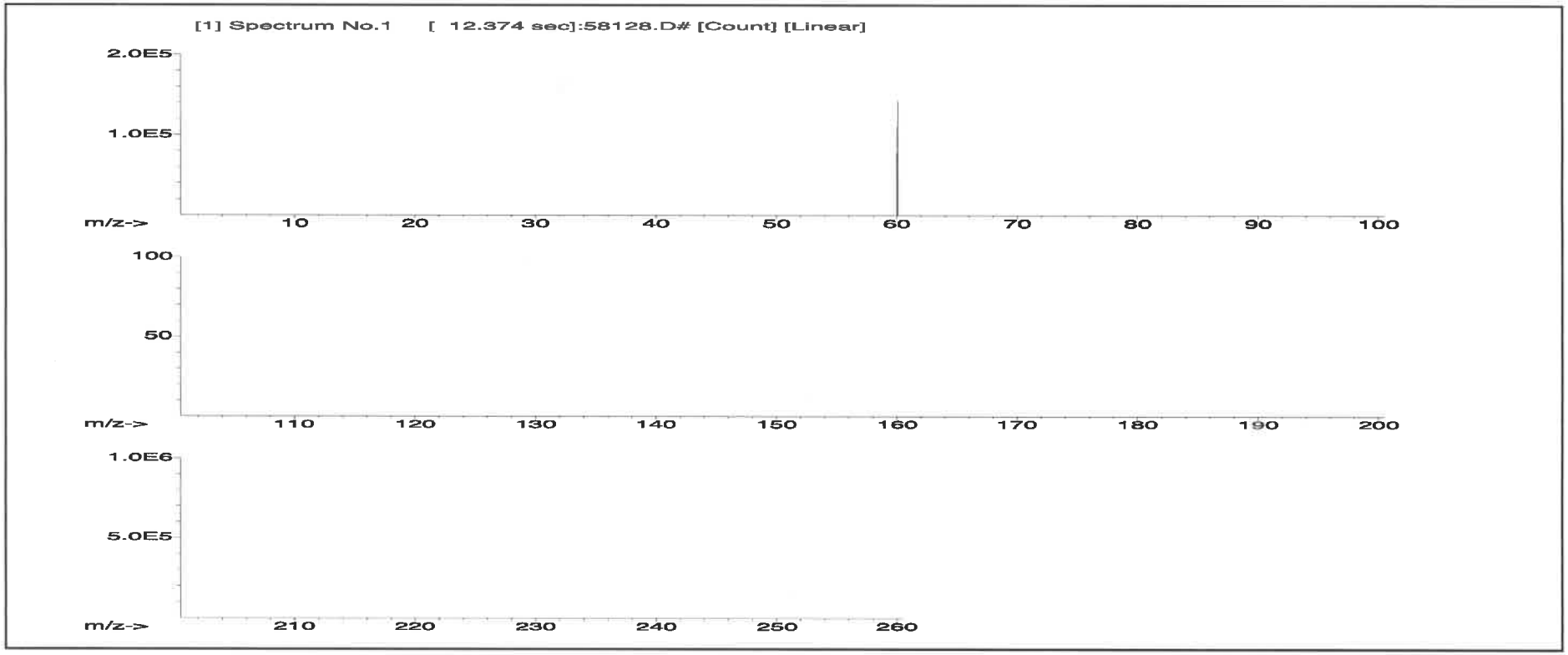
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CERTIFIED WEIGHT REPORT:

			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.

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Certified Reference Material CRM

M5962 R! 06/14/24.

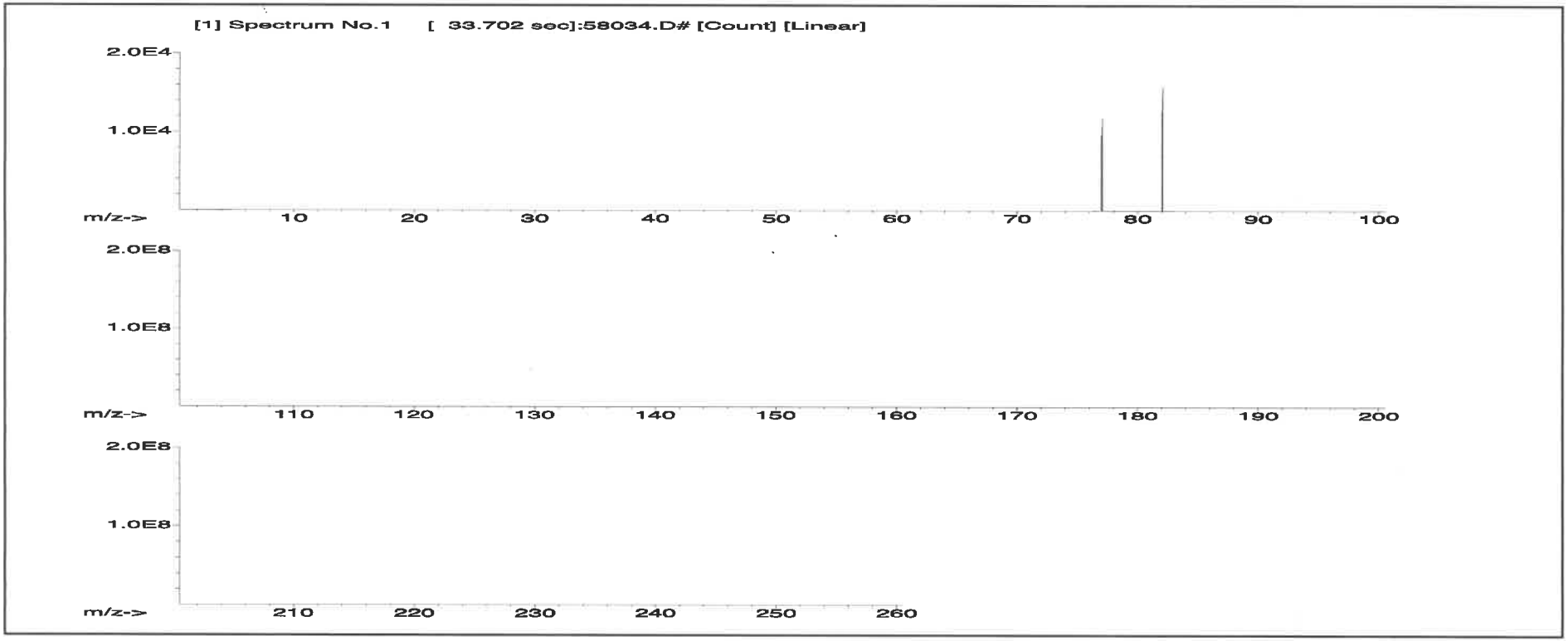
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CERTIFIED WEIGHT REPORT:

		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:



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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5976, M5977
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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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Certificate of Analysis

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R: 2/22/24

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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:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\ (u_{char\ i})^2]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	57092	24002546	Nitric Acid	
Lot Number:	060724			
Description:	Uranium (U)	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

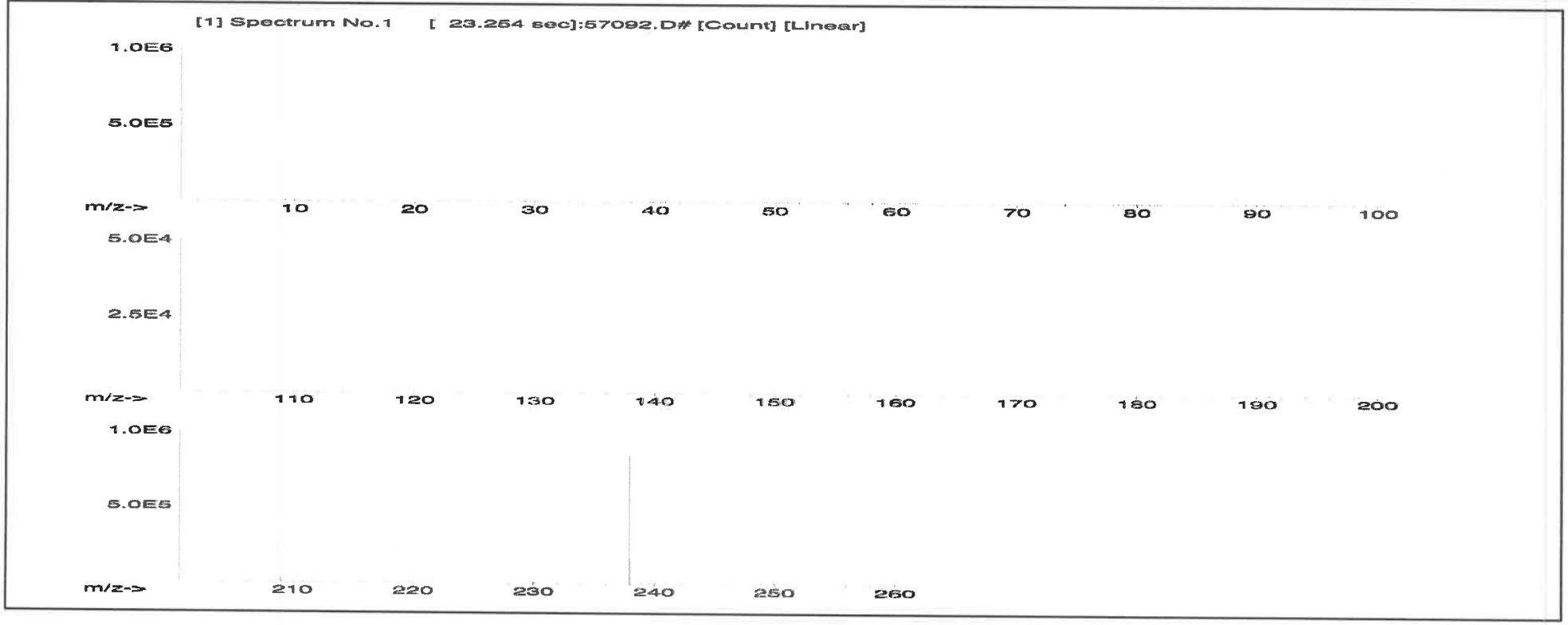
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

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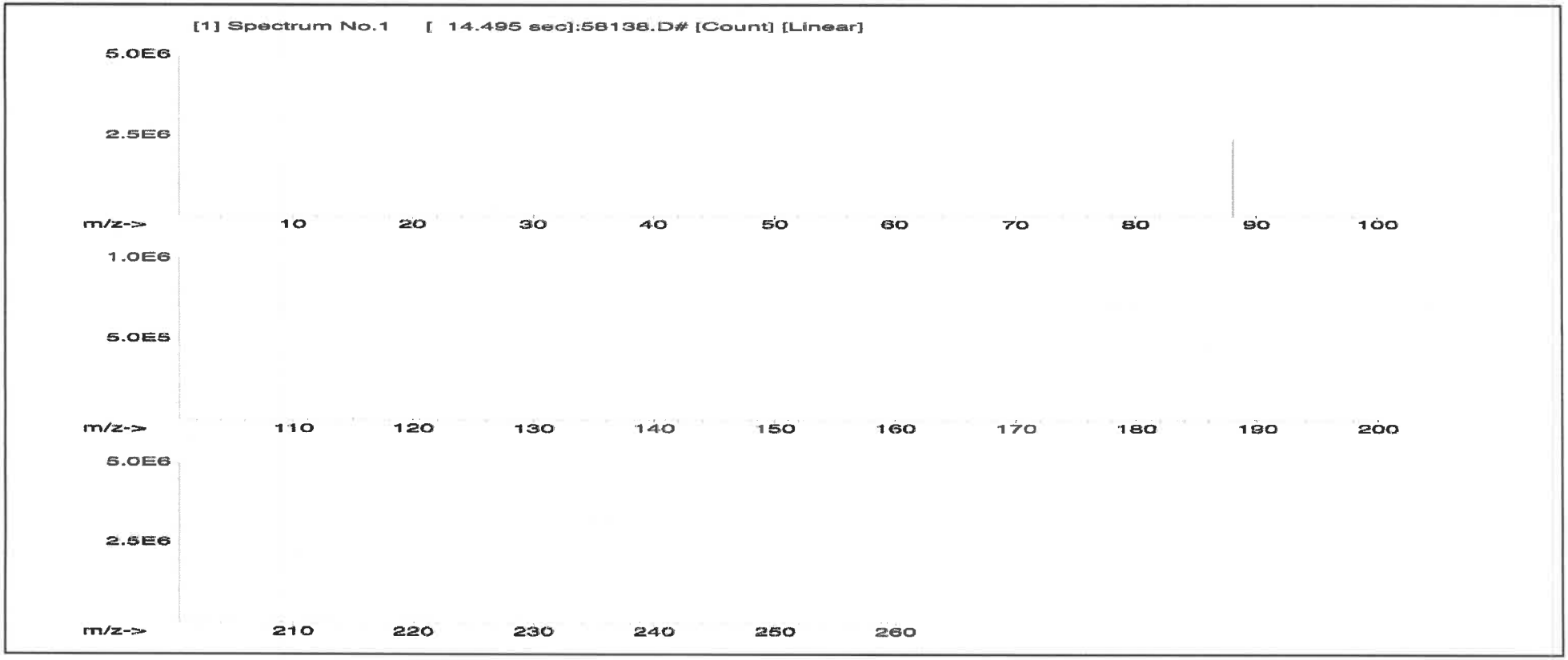
45982 R: 6/11/24

CERTIFIED WEIGHT REPORT:

Part Number:	**57038**		**Lot #**		
Lot Number:	**031524**	**Solvent:**	24002546	Nitric Acid	
Description:	**Strontium (Sr)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	031527				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5983 R: 6/11/24

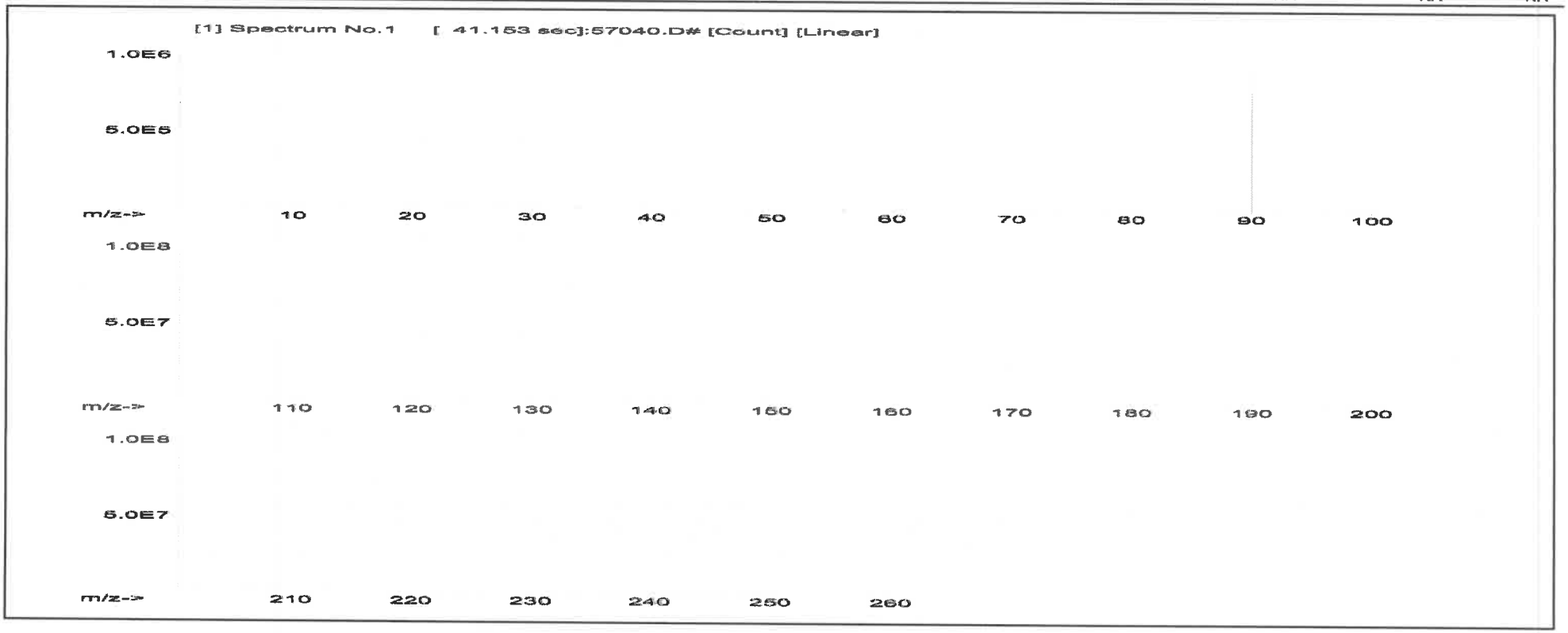
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57040**	21110221	Nitric Acid	
Lot Number:	**071423**			
Description:	**Zirconium (Zr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

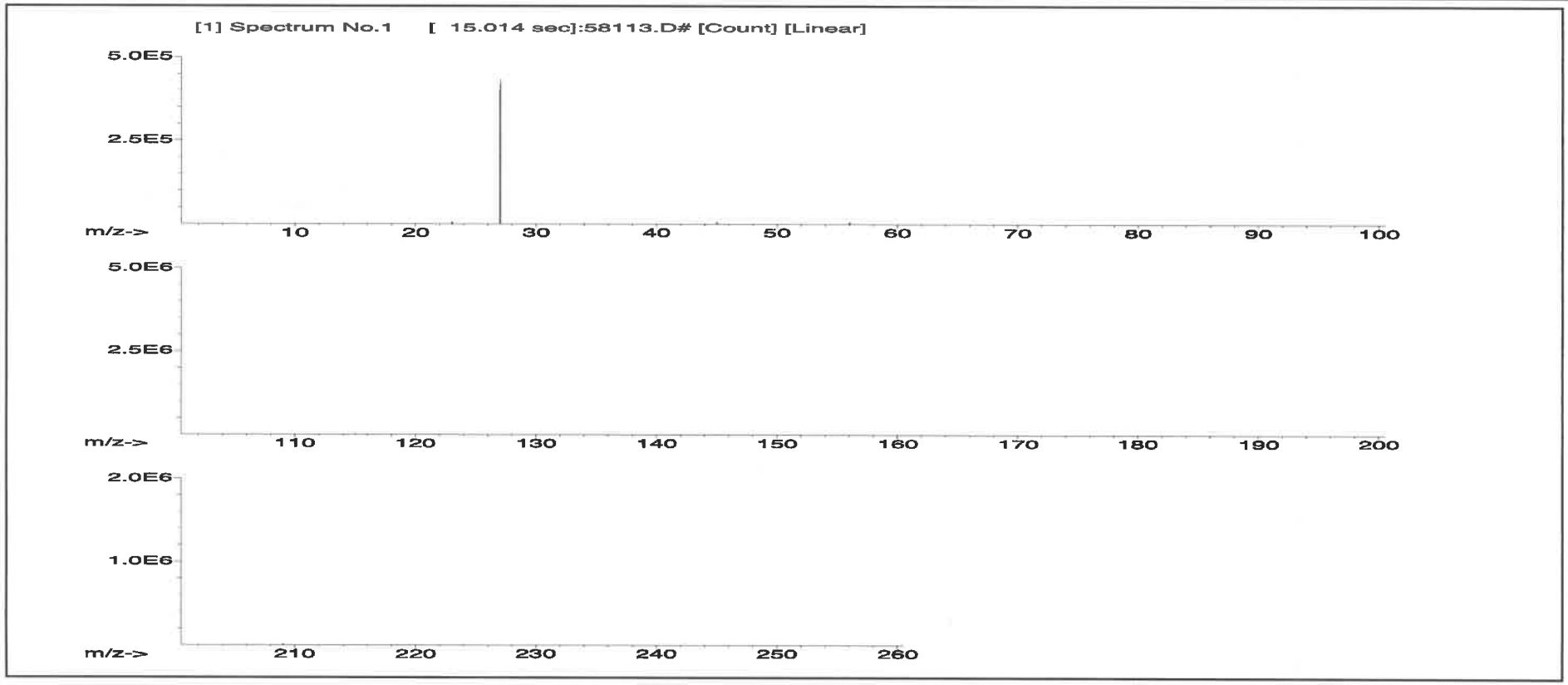
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
Reviewed By:	Pedro L. Rentas	011623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALM112021A1	10000	99.999	0.10	7.30	273.9779	274.0078	**10001.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Nitric Acid 69%
CMOS

Recv date: 1. 1. – 08/01/2023

M6034, M6037
M6035, M6038,
M6036,

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 – 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities – Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities – Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities – Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

J Croak

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

R: 9/2/24.

Certificate of Analysis

M6080, M6081, M6082, M6083, M6084

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

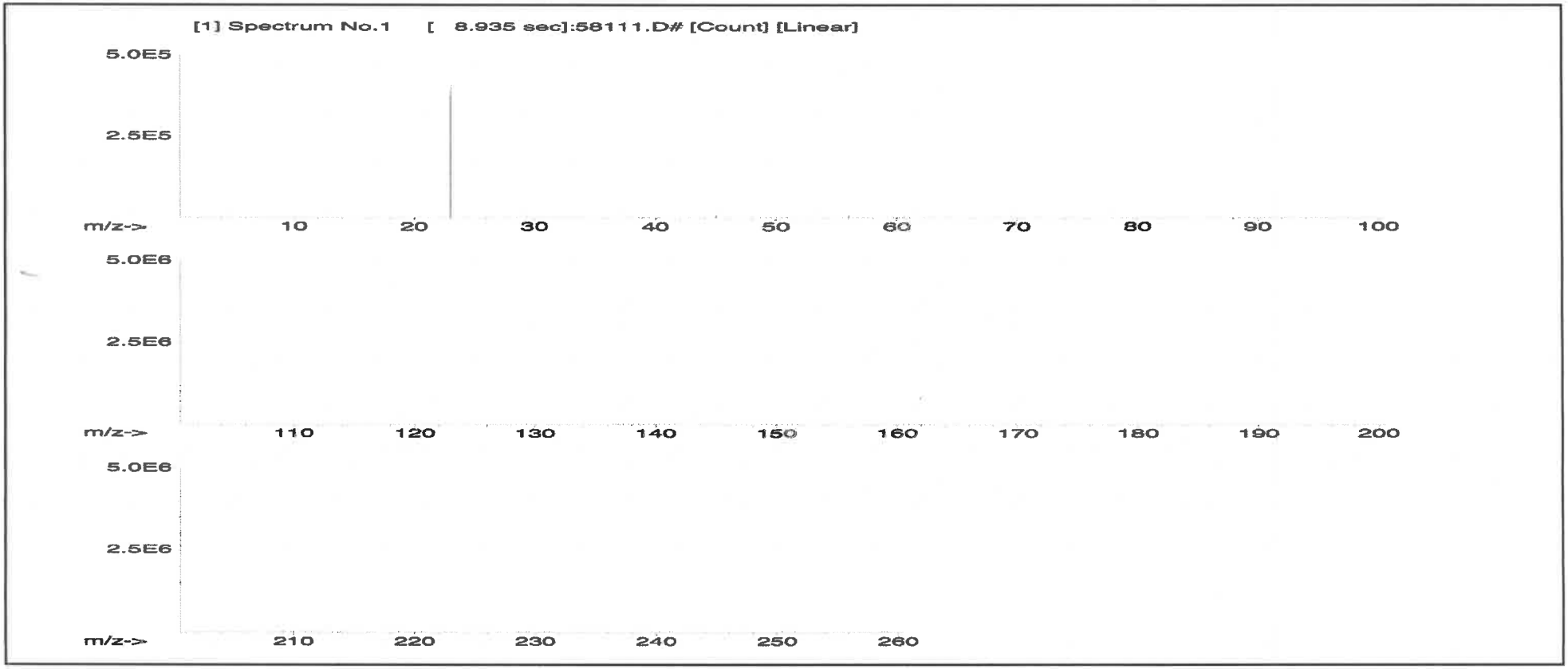
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES™

Refine your results. Redefine your industry.

A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

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APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
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(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

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ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

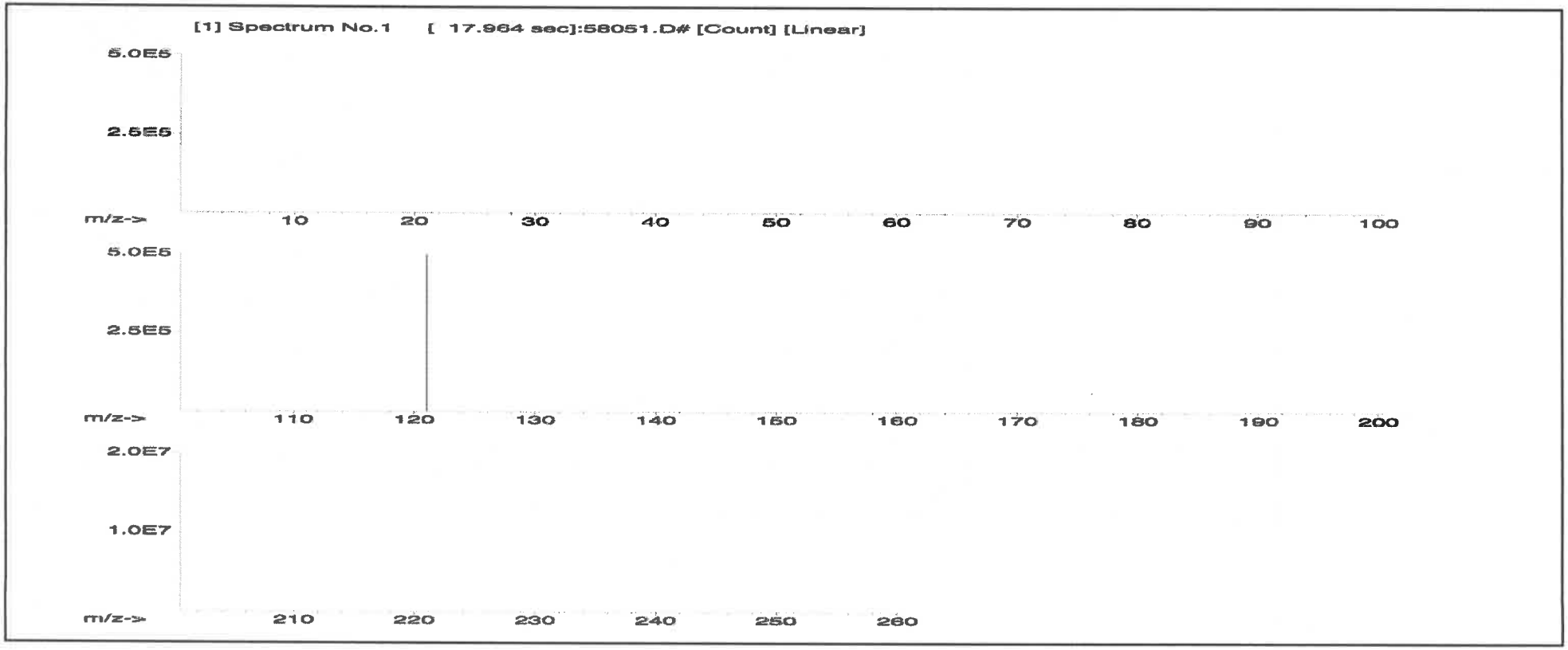
R: 01/03/24 M5802, M5803

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M6030

R: 8/5/24

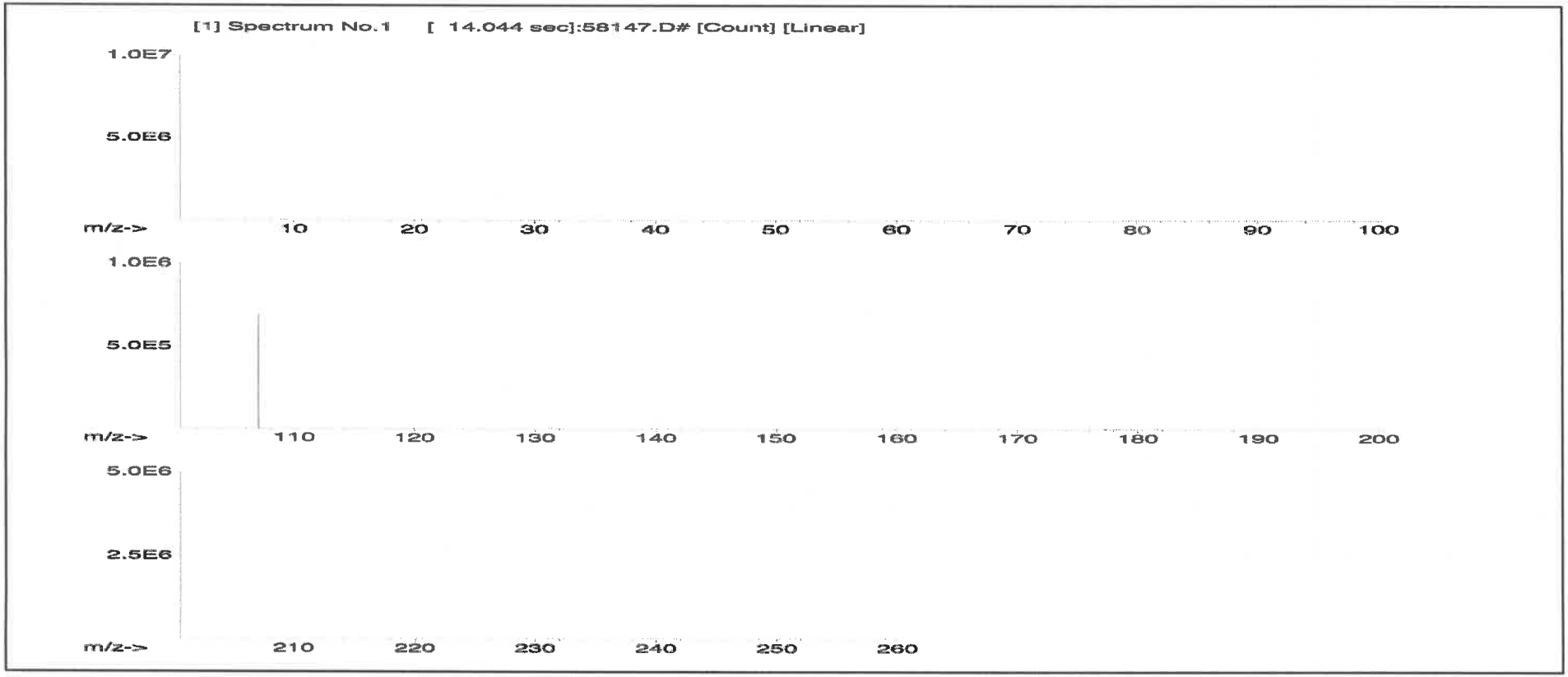
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CERTIFIED WEIGHT REPORT:

Part Number:	**57047**		**Lot #**		
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**	2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* 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: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

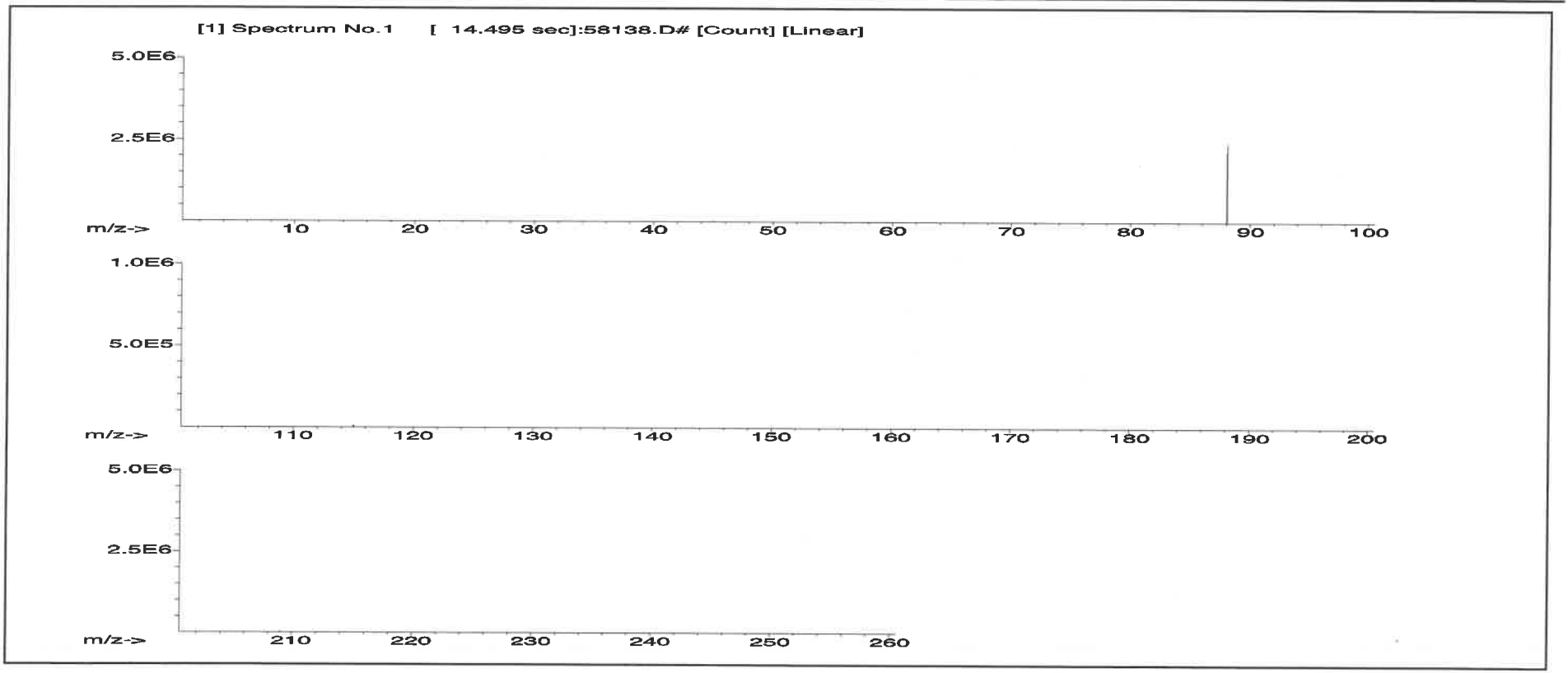
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

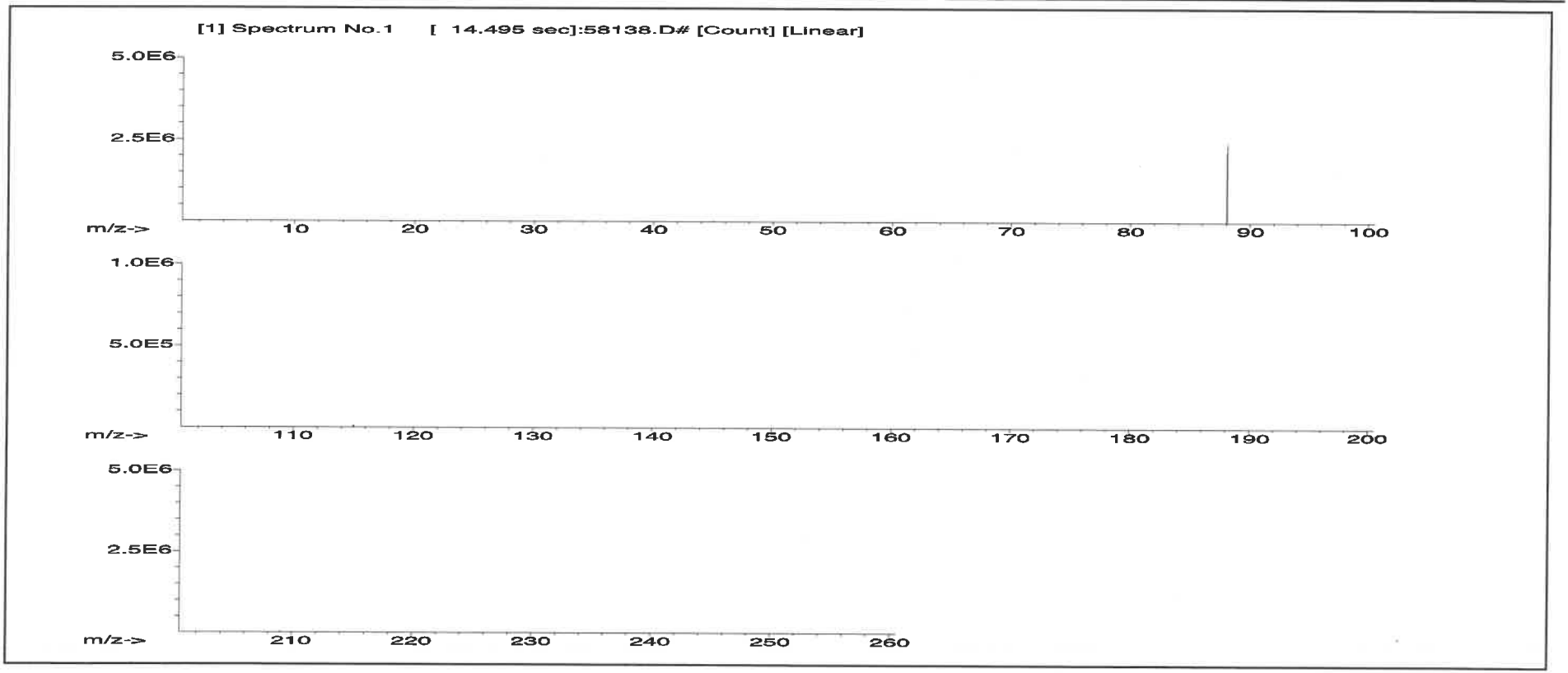
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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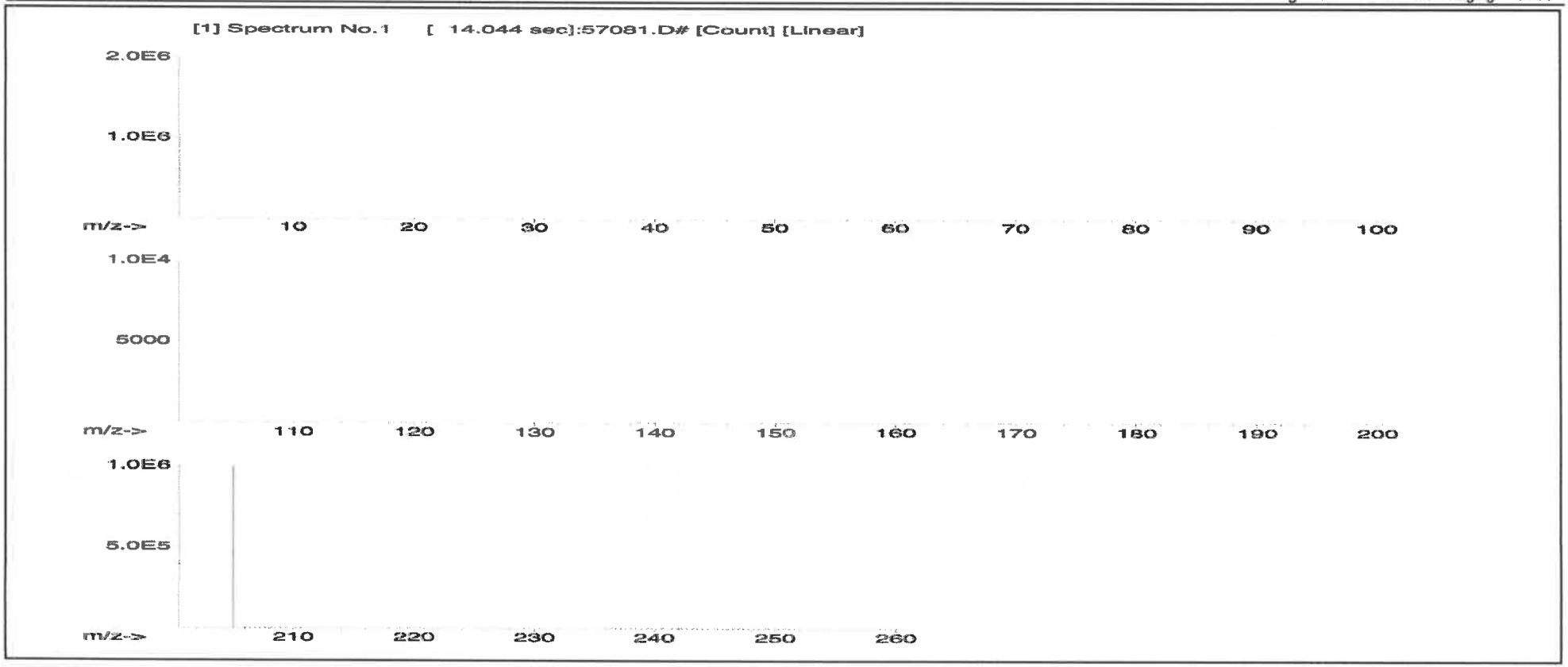
CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	062724
Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**	24002546	Nitric Acid	
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

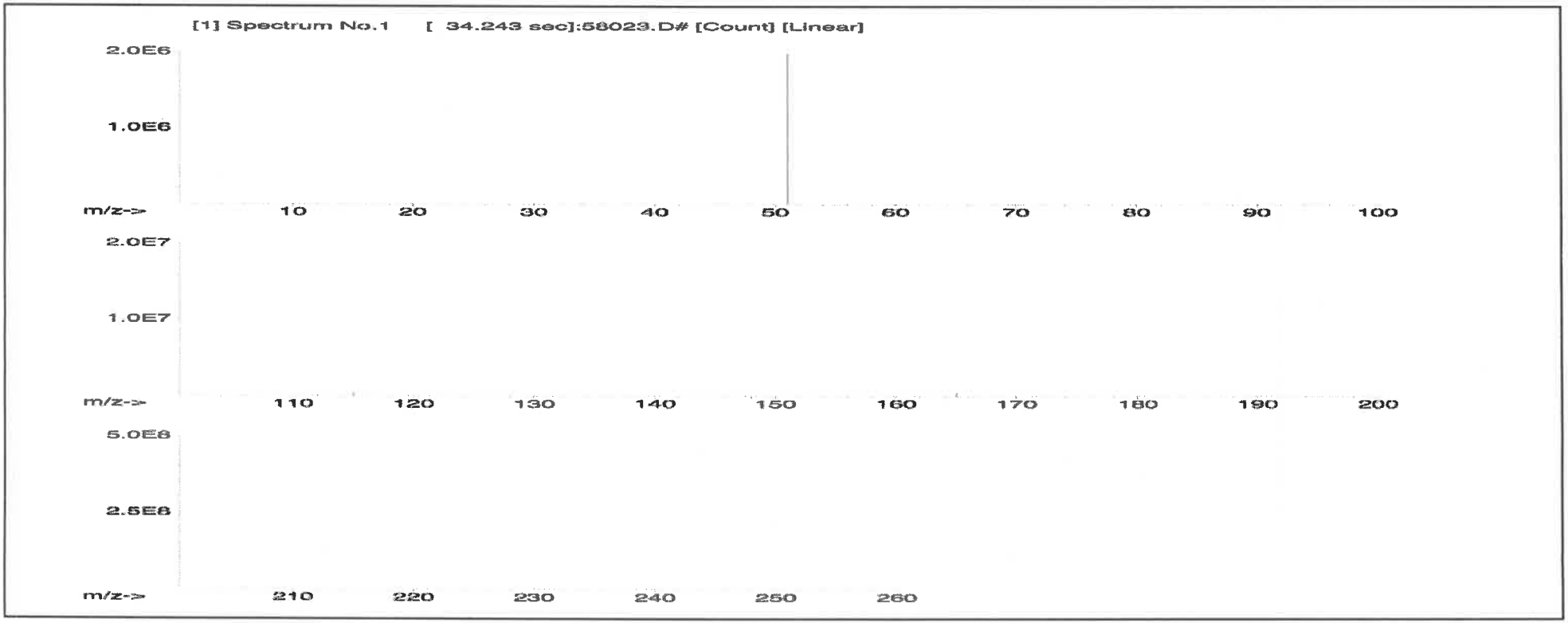
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164141

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYDAD3

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: 10/15/2024 **Time :** 14:00 **Temp :** 95 °C

End Digest Date: 10/15/2024 **Time :** 17:00 **Temp :** 95 °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 : 95 C
For Spike Sol 1-0.3ml each M5565,M5657,0.027mL M5962
For Spike Sol 2-1.5mL each M5565,M5657,0.135mL M5962

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/15/24 17:10	jgp / Met dig	Lonestar Tech
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB164141

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P4302-01	MYDAD3	N/A	1.47	500	Brown	Yellow	Medium	N/A	N/A	1
P4302-02	MYDAD4	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	2
P4302-03	MYDAD5	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	3
P4302-04	MYDAD6	N/A	1.04	500	Brown	Yellow	Medium	N/A	N/A	4
P4302-05	MYDAD7	N/A	1.14	500	Brown	Yellow	Medium	N/A	N/A	5
P4302-06	MYDAD8	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	6
P4302-07	MYDAD9	N/A	1.40	500	Brown	Yellow	Medium	N/A	N/A	7
P4302-08	MYDAE0	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	8
P4302-09	MYDAE1	N/A	1.46	500	Brown	Yellow	Medium	N/A	N/A	9
P4302-09MS	MYDAE1MS RE JPP 10/15/24	N/A	1.46	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	10
~~P4302-09MSD~~	~~MYDAE1MSD~~ JPP 10/15/24	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	N/A
P4302-10	MYDAE1D	N/A	1.20	500	Brown	Yellow	Medium	N/A	N/A	11
P4302-11	MYDAE1S	N/A	1.48	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	12
P4302-12	MYDAE2	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	13
P4302-13	MYDAE3	N/A	1.49	500	Brown	Yellow	Medium	N/A	N/A	14
P4302-14	MYDAE4	N/A	1.18	500	Brown	Yellow	Medium	N/A	N/A	15
P4302-15	MYDAE5	N/A	1.14	500	Brown	Yellow	Medium	N/A	N/A	16
P4302-16	MYDAE6	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	17
P4302-17	MYDAE8	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	18
P4302-18	MYDAE9	N/A	1.39	500	Brown	Yellow	Medium	N/A	N/A	19
P4302-19	MYDAF0	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	20
P4302-20	MYDAF1	N/A	1.17	500	Brown	Yellow	Medium	N/A	N/A	21
P4302-21	MYDAF2	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	22
P4302-22	MYDAF3	N/A	1.40	500	Brown	Yellow	Medium	N/A	N/A	23
PB164141BL	PBS141	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB164141BS	LCS141	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	25
PB164141BSD	LCSD141	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 # LB133124

Review By	Sarabjit Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan Bera	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE004	TUNE	10/25/24 02:00		Jaswal	OK
2	S00	S0	CAL1	10/25/24 02:54		Jaswal	OK
3	S02	S02	CAL3	10/25/24 02:57		Jaswal	OK
4	S03	S03	CAL4	10/25/24 03:01		Jaswal	OK
5	S04	S04	CAL5	10/25/24 03:04		Jaswal	OK
6	S05	S05	CAL6	10/25/24 03:07		Jaswal	OK
7	S06	S06	CAL7	10/25/24 03:10		Jaswal	OK
8	S07	S07	CAL8	10/25/24 03:13		Jaswal	OK
9	S08	S08	CAL9	10/25/24 03:15		Jaswal	OK
10	ICV004	ICV004	ICV	10/25/24 03:21	Inst pause for calibration review	Jaswal	OK
11	ICB004	ICB004	ICB	10/25/24 03:24		Jaswal	OK
12	ICSA004	ICSA004	ICSA	10/25/24 03:28		Jaswal	OK
13	ICSAB004	ICSAB004	ICSAB	10/25/24 03:31		Jaswal	OK
14	CCV014	CCV014	CCV	10/25/24 03:34		Jaswal	OK
15	CCB014	CCB014	CCB	10/25/24 03:37		Jaswal	OK
16	PB164128BL	PBS128	MB	10/25/24 03:40	Not use	Jaswal	Not Ok
17	PB164128BS	LCS128	LCS	10/25/24 03:43	Not use	Jaswal	Not Ok
18	PB164128BSD	LCSD128	LCSD	10/25/24 03:47	Not use	Jaswal	Not Ok

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Supervise By	Mohan Bera	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

19	P4301-01	MYDAB3	SAM	10/25/24 03:55	INT_STD 45Sc(2) Fail	Jaswal	Dilution
20	P4301-01RE	MYDAB3	SAM	10/25/24 03:58	Not Use	Jaswal	Not Ok
21	P4301-02	MYDAB4	SAM	10/25/24 04:01	INT_STD 45Sc(2) Fail	Jaswal	Dilution
22	P4301-03	MYDAB5	SAM	10/25/24 04:04	INT_STD 45Sc(2) Fail	Jaswal	Dilution
23	P4301-04	MYDAB6	SAM	10/25/24 04:07		Jaswal	OK
24	P4301-05	MYDAB7	SAM	10/25/24 04:11	INT_STD 45Sc(2) Fail	Jaswal	Dilution
25	P4301-06	MYDAB8	SAM	10/25/24 04:14		Jaswal	OK
26	P4301-07	MYDAB9	SAM	10/25/24 04:17		Jaswal	OK
27	P4301-08	MYDAC0	SAM	10/25/24 04:20		Jaswal	OK
28	P4301-09	MYDAC1	SAM	10/25/24 04:23	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
29	P4301-10	MYDAC1D	DUP	10/25/24 04:26	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
30	P4301-09L	MYDAC1L	SD	10/25/24 04:29	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
31	P4301-11	MYDAC1S	MS	10/25/24 04:33	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
32	P4301-09MS	MYDAC1SRE	MS	10/25/24 04:36	MS Fail Fo Ag(Below RL), Ba,Co,Ni,V High	Jaswal	Dilution
33	P4301-12	MYDAC2	SAM	10/25/24 04:39		Jaswal	OK
34	P4301-13	MYDAC3	SAM	10/25/24 04:42	INT_STD 45Sc(2) Fail	Jaswal	Dilution
35	P4301-14	MYDAC4	SAM	10/25/24 04:45		Jaswal	OK
36	P4301-15	MYDAC5	SAM	10/25/24 04:48		Jaswal	OK
37	P4301-16	MYDAC6	SAM	10/25/24 04:51		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Sarabjit Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan Bera	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

38	P4301-17	MYDAC7	SAM	10/25/24 04:55		Jaswal	OK
39	P4301-18	MYDAC8	SAM	10/25/24 04:58		Jaswal	OK
40	P4301-19	MYDAC9	SAM	10/25/24 05:02		Jaswal	OK
41	P4301-20	MYDAD0	SAM	10/25/24 05:05		Jaswal	OK
42	P4301-21	MYDAD1	SAM	10/25/24 05:08		Jaswal	OK
43	CCV015	CCV015	CCV	10/25/24 05:11		Jaswal	OK
44	CCB015	CCB015	CCB	10/25/24 05:14		Jaswal	OK
45	P4301-22	MYDAD2	SAM	10/25/24 05:17		Jaswal	OK
46	PB164141BL	PBS141	MB	10/25/24 05:24		Jaswal	OK
47	PB164141BS	LCS141	LCS	10/25/24 05:27		Jaswal	OK
48	PB164141BSD	LCSD141	LCSD	10/25/24 05:31		Jaswal	OK
49	P4302-01	MYDAD3	SAM	10/25/24 05:34		Jaswal	OK
50	P4302-02	MYDAD4	SAM	10/25/24 05:37		Jaswal	OK
51	P4302-03	MYDAD5	SAM	10/25/24 05:40		Jaswal	OK
52	P4302-04	MYDAD6	SAM	10/25/24 05:44		Jaswal	OK
53	P4302-05	MYDAD7	SAM	10/25/24 05:47		Jaswal	OK
54	P4302-06	MYDAD8	SAM	10/25/24 05:50		Jaswal	OK
55	P4302-07	MYDAD9	SAM	10/25/24 05:53		Jaswal	OK
56	P4302-08	MYDAE0	SAM	10/25/24 05:56		Jaswal	OK
57	P4302-09	MYDAE1	SAM	10/25/24 06:00	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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Supervise By	Mohan Bera	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

58	P4302-10	MYDAE1D	DUP	10/25/24 06:03	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
59	P4302-09L	MYDAE1L	SD	10/25/24 06:06	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
60	P4302-11	MYDAE1S	MS	10/25/24 06:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
61	P4302-09MS	MYDAE1SRE	MS	10/25/24 06:12	MS Fail Fo Ag(Below RL), Ba,Co,Ni,V High	Jaswal	Dilution
62	P4302-12	MYDAE2	SAM	10/25/24 06:15		Jaswal	OK
63	P4302-13	MYDAE3	SAM	10/25/24 06:19		Jaswal	OK
64	P4302-14	MYDAE4	SAM	10/25/24 06:22		Jaswal	OK
65	P4302-15	MYDAE5	SAM	10/25/24 06:25		Jaswal	OK
66	P4302-16	MYDAE6	SAM	10/25/24 06:28		Jaswal	OK
67	P4302-17	MYDAE8	SAM	10/25/24 06:32		Jaswal	OK
68	P4302-18	MYDAE9	SAM	10/25/24 06:35		Jaswal	OK
69	P4302-19	MYDAF0	SAM	10/25/24 06:38		Jaswal	OK
70	P4302-20	MYDAF1	SAM	10/25/24 06:41		Jaswal	OK
71	CCV016	CCV016	CCV	10/25/24 06:52		Jaswal	OK
72	CCB016	CCB016	CCB	10/25/24 06:56		Jaswal	OK
73	P4302-21	MYDAF2	SAM	10/25/24 06:59		Jaswal	OK
74	P4302-22	MYDAF3	SAM	10/25/24 07:03		Jaswal	OK
75	P4301-09DL	MYDAC1	SAM	10/25/24 07:06	4X For Ba,Co,Ni,V	Jaswal	Confirms
76	P4301-10DL	MYDAC1D	DUP	10/25/24 07:09	4X For Ba,Co,Ni,V	Jaswal	Confirms

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Sarabjit Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan Bera	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

77	P4301-09LDL	MYDAC1L	SD	10/25/24 07:12	20X For Ba,Co,Ni,V	Jaswal	Confirms
78	P4301-11DL	MYDAC1S	MS	10/25/24 07:15	4X For Ba,Co,Ni,V	Jaswal	Confirms
79	P4301-09MSDL	MYDAC1SRE	MS	10/25/24 07:19	4X For Ba,Co,Ni,V	Jaswal	Confirms
80	P4302-09DL	MYDAE1	SAM	10/25/24 07:22	4X For Ba,Co,Ni,V	Jaswal	Confirms
81	P4302-10DL	MYDAE1D	DUP	10/25/24 07:25	4X For Ba,Co,Ni,V	Jaswal	Confirms
82	P4302-09LDL	MYDAE1L	SD	10/25/24 07:28	20X For Ba,Co,Ni,V	Jaswal	Confirms
83	P4302-11DL	MYDAE1S	MS	10/25/24 07:32	4X For Ba,Co,Ni,V	Jaswal	Confirms
84	P4302-09MSDL	MYDAE1SRE	MS	10/25/24 07:35	4X For Ba,Co,Ni,V	Jaswal	Confirms
85	PB164130BL	PBS130	MB	10/25/24 07:39		Jaswal	OK
86	PB164130BS	LCS130	LCS	10/25/24 07:43		Jaswal	OK
87	PB164130BSD	LCSD130	LCSD	10/25/24 07:46		Jaswal	OK
88	P4296-07A	MYD0Y5ARE	PS	10/25/24 07:49	Not Use - PS For As,Cu,Ag,Zn	Jaswal	Not Ok
89	P4297-14A	MYDA66ARE	PS	10/25/24 07:52	PS For Ag - 0.02-MP82863-10 ml SAmple	Jaswal	OK
90	P4298-16A	MYDA88ARE	PS	10/25/24 07:56	PS for As,Ag - 0.0055-M5801 , 0.02-MP82863 - 10 ml Sample	Jaswal	OK
91	P4299-19A	MYDAB1ARE	PS	10/25/24 07:59	PS for As,Ag - 0.003-M5801 , 0.02-MP82863 - 10 ml Sample	Jaswal	OK
92	P4298-16DL	MYDA88	SAM	10/25/24 08:05	4X For Ba,Co,Ni,V	Jaswal	Confirms

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Sarabjit Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan Bera	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

93	P4298-17DL	MYDA88D	DUP	10/25/24 08:08	4X For Ba,Co,Ni,V	Jaswal	Confirms
94	P4298-16LDL	MYDA88L	SD	10/25/24 08:12	20X For Ba,Co,Ni,V	Jaswal	Confirms
95	P4298-18DL	MYDA88S	MS	10/25/24 08:15	4X For Ba,Co,Ni,V	Jaswal	Confirms
96	P4298-16MSDL	MYDA88SRE	MS	10/25/24 08:18	4X For Ba,Co,Ni,V	Jaswal	Confirms
97	CCV017	CCV017	CCV	10/25/24 08:21		Jaswal	OK
98	CCB017	CCB017	CCB	10/25/24 08:24		Jaswal	OK
99	P4299-19DL	MYDAB1	SAM	10/25/24 08:28	4X For Ba,Co,Ni,V	Jaswal	Confirms
100	P4299-20DL	MYDAB1D	DUP	10/25/24 08:31	4X For Ba,Co,Ni,V	Jaswal	Confirms
101	P4299-19LDL	MYDAB1L	SD	10/25/24 08:35	20X For Ba,Co,Ni,V	Jaswal	Confirms
102	P4299-21DL	MYDAB1S	MS	10/25/24 08:38	4X For Ba,Co,Ni,V	Jaswal	Confirms
103	P4299-19MSDL	MYDAB1SRE	MS	10/25/24 08:41	4X For Ba,Co,Ni,V	Jaswal	Confirms
104	P4295-20DL	MYDA41	SAM	10/25/24 08:57	Not Required	Jaswal	Not Ok
105	P4296-04DL	MYD0Y2	SAM	10/25/24 09:00	Not Required	Jaswal	Not Ok
106	P4296-10DL	MYD0Y9	SAM	10/25/24 09:07	Not Required	Jaswal	Not Ok
107	P4227-04DL	PMW-9D(20240926)	SAM	10/25/24 09:10	2X for Mn	Jaswal	Confirms
108	P4227-18DL	PMW-10(20240927)	SAM	10/25/24 09:13	5X For Fe	Jaswal	Confirms
109	P4247-06DL	MYD9N4	SAM	10/25/24 09:16	Not Required	Jaswal	Not Ok
110	P4247-08DL	MYD9N6	SAM	10/25/24 09:19	Not Required	Jaswal	Not Ok
111	P4301-01DL	MYDAB3	SAM	10/25/24 09:23	2X For INT_STD 45Sc(2)	Jaswal	Confirms
112	P4301-02DL	MYDAB4	SAM	10/25/24 09:26	2X For INT_STD 45Sc(2)	Jaswal	Confirms

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB133124

Review By	Sarabjit Jaswal	Review On	10/25/2024 3:09:04 PM
Supervise By	Mohan Bera	Supervise On	10/25/2024 3:10:05 PM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

113	P4301-03DL	MYDAB5	SAM	10/25/24 09:29	2X For INT_STD 45Sc(2)	Jaswal	Confirms
114	P4301-05DL	MYDAB7	SAM	10/25/24 09:32	2X For INT_STD 45Sc(2)	Jaswal	Confirms
115	P4301-13DL	MYDAC3	SAM	10/25/24 09:36	2X For INT_STD 45Sc(2)	Jaswal	Confirms
116	CCV018	CCV018	CCV	10/25/24 09:43		Jaswal	OK
117	CCB018	CCB018	CCB	10/25/24 09:46		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # 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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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

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