EPA SAMPLE NO.

MYCZH9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-01

% Solids: 96.2 Date Received: 12/06/2024

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	0.031	J	12/20/2024	2148
7440-38-2	Arsenic	36	*	12/20/2024	2148
7440-39-3	Barium	130		12/20/2024	2148
7440-41-7	Beryllium	0.58		12/20/2024	2148
7440-43-9	Cadmium	0.76		12/20/2024	2148
7440-47-3	Chromium	15		12/20/2024	2148
7440-48-4	Cobalt	11		12/20/2024	2148
7440-50-8	Copper	40		12/20/2024	2148
7439-92-1	Lead	53		12/20/2024	2148
7440-02-0	Nickel	15		12/20/2024	2148
7782-49-2	Selenium	2.0	U	12/20/2024	2148
7440-22-4	Silver	0.16	J	12/20/2024	2148
7440-28-0	Thallium	0.20	J	12/20/2024	2148
7440-62-2	Vanadium	33		12/20/2024	2148
7440-66-6	Zinc	180		12/20/2024	2148

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

Comments:

EPA SAMPLE NO.

MYCZJ0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-02

% Solids: 99.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.81	U	12/20/2024	2151
7440-38-2	Arsenic	14	*	12/20/2024	2151
7440-39-3	Barium	120		12/20/2024	2151
7440-41-7	Beryllium	0.55		12/20/2024	2151
7440-43-9	Cadmium	0.24	J	12/20/2024	2151
7440-47-3	Chromium	17		12/20/2024	2151
7440-48-4	Cobalt	11		12/20/2024	2151
7440-50-8	Copper	23		12/20/2024	2151
7439-92-1	Lead	13		12/20/2024	2151
7440-02-0	Nickel	13		12/20/2024	2151
7782-49-2	Selenium	2.0	U	12/20/2024	2151
7440-22-4	Silver	0.044	J	12/20/2024	2151
7440-28-0	Thallium	0.097	J	12/20/2024	2151
7440-62-2	Vanadium	35		12/20/2024	2151
7440-66-6	Zinc	68		12/20/2024	2151

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

Comments:

EPA SAMPLE NO.

MYCZJ1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-03

% Solids: 96.7 Date Received: 12/06/2024

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	0.79	U	12/20/2024	2154
7440-38-2	Arsenic	35	*	12/20/2024	2154
7440-39-3	Barium	82		12/20/2024	2154
7440-41-7	Beryllium	0.28	J	12/20/2024	2154
7440-43-9	Cadmium	0.36	J	12/20/2024	2154
7440-47-3	Chromium	53		12/20/2024	2154
7440-48-4	Cobalt	58		12/20/2024	2154
7440-50-8	Copper	100		12/20/2024	2154
7439-92-1	Lead	6.8		12/20/2024	2154
7440-02-0	Nickel	55		12/20/2024	2154
7782-49-2	Selenium	2.0	U	12/20/2024	2154
7440-22-4	Silver	0.091	J	12/20/2024	2154
7440-28-0	Thallium	0.063	J	12/20/2024	2154
7440-62-2	Vanadium	92		12/20/2024	2154
7440-66-6	Zinc	82		12/20/2024	2154

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

Comments:

EPA SAMPLE NO.

MYCZJ2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-04

% Solids: 96.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.75	U	12/20/2024	2157
7440-38-2	Arsenic	33	*	12/20/2024	2157
7440-39-3	Barium	80		12/20/2024	2157
7440-41-7	Beryllium	0.26	J	12/20/2024	2157
7440-43-9	Cadmium	0.34	J	12/20/2024	2157
7440-47-3	Chromium	51		12/20/2024	2157
7440-48-4	Cobalt	59		12/20/2024	2157
7440-50-8	Copper	98		12/20/2024	2157
7439-92-1	Lead	6.5		12/20/2024	2157
7440-02-0	Nickel	54		12/20/2024	2157
7782-49-2	Selenium	1.9	U	12/20/2024	2157
7440-22-4	Silver	0.087	J	12/20/2024	2157
7440-28-0	Thallium	0.064	J	12/20/2024	2157
7440-62-2	Vanadium	90		12/20/2024	2157
7440-66-6	Zinc	79		12/20/2024	2157

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

Comments:

EPA SAMPLE NO.

MYCZJ3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-05

% Solids: 98.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.77	U	12/20/2024	2201
7440-38-2	Arsenic	21	*	12/20/2024	2201
7440-39-3	Barium	77		12/20/2024	2201
7440-41-7	Beryllium	0.37	J	12/20/2024	2201
7440-43-9	Cadmium	0.27	J	12/20/2024	2201
7440-47-3	Chromium	48		12/20/2024	2201
7440-48-4	Cobalt	20		12/20/2024	2201
7440-50-8	Copper	50		12/20/2024	2201
7439-92-1	Lead	9.0		12/20/2024	2201
7440-02-0	Nickel	37		12/20/2024	2201
7782-49-2	Selenium	1.9	U	12/20/2024	2201
7440-22-4	Silver	0.042	J	12/20/2024	2201
7440-28-0	Thallium	0.062	J	12/20/2024	2201
7440-62-2	Vanadium	79		12/20/2024	2201
7440-66-6	Zinc	94		12/20/2024	2201

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

Comments:

EPA SAMPLE NO.

MYCZJ4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-06

% Solids: 97.9 Date Received: 12/06/2024

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	0.80	U	12/20/2024	2204
7440-38-2	Arsenic	24	*	12/20/2024	2204
7440-39-3	Barium	35		12/20/2024	2204
7440-41-7	Beryllium	0.16	J	12/20/2024	2204
7440-43-9	Cadmium	0.25	J	12/20/2024	2204
7440-47-3	Chromium	88		12/20/2024	2204
7440-48-4	Cobalt	31		12/20/2024	2204
7440-50-8	Copper	82		12/20/2024	2204
7439-92-1	Lead	3.3		12/20/2024	2204
7440-02-0	Nickel	60		12/20/2024	2204
7782-49-2	Selenium	2.0	U	12/20/2024	2204
7440-22-4	Silver	0.40	U	12/20/2024	2204
7440-28-0	Thallium	0.028	J	12/20/2024	2204
7440-62-2	Vanadium	140		12/20/2024	2204
7440-66-6	Zinc	120		12/20/2024	2204

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

Comments:

EPA SAMPLE NO.

MYCZJ5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-07

% Solids: 97.8 Date Received: 12/06/2024

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	0.82	U	12/20/2024	2216
7440-38-2	Arsenic	26	*	12/20/2024	2216
7440-39-3	Barium	59		12/20/2024	2216
7440-41-7	Beryllium	0.24	J	12/20/2024	2216
7440-43-9	Cadmium	0.29	J	12/20/2024	2216
7440-47-3	Chromium	79		12/20/2024	2216
7440-48-4	Cobalt	28		12/20/2024	2216
7440-50-8	Copper	69		12/20/2024	2216
7439-92-1	Lead	6.5		12/20/2024	2216
7440-02-0	Nickel	56		12/20/2024	2216
7782-49-2	Selenium	2.0	U	12/20/2024	2216
7440-22-4	Silver	0.086	J	12/20/2024	2216
7440-28-0	Thallium	0.041	J	12/20/2024	2216
7440-62-2	Vanadium	130		12/20/2024	2216
7440-66-6	Zinc	110		12/20/2024	2216

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

Comments:

EPA SAMPLE NO.

MYCZJ6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-08

% Solids: 98 Date Received: 12/06/2024

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	0.88	U	12/20/2024	2220
7440-38-2	Arsenic	19	*	12/20/2024	2220
7440-39-3	Barium	35		12/20/2024	2220
7440-41-7	Beryllium	0.16	J	12/20/2024	2220
7440-43-9	Cadmium	0.22	J	12/20/2024	2220
7440-47-3	Chromium	80		12/20/2024	2220
7440-48-4	Cobalt	26		12/20/2024	2220
7440-50-8	Copper	76		12/20/2024	2220
7439-92-1	Lead	2.6		12/20/2024	2220
7440-02-0	Nickel	57		12/20/2024	2220
7782-49-2	Selenium	2.2	U	12/20/2024	2220
7440-22-4	Silver	0.44	U	12/20/2024	2220
7440-28-0	Thallium	0.44	U	12/20/2024	2220
7440-62-2	Vanadium	130		12/20/2024	2220
7440-66-6	Zinc	95		12/20/2024	2220

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

Comments:

EPA SAMPLE NO.

MYCZJ7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-09

% Solids: 98.2 Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.76	U	12/20/2024	2223
7440-38-2	Arsenic	24	*	12/20/2024	2223
7440-39-3	Barium	140		12/20/2024	2223
7440-41-7	Beryllium	0.44		12/20/2024	2223
7440-43-9	Cadmium	0.28	J	12/20/2024	2223
7440-47-3	Chromium	32		12/20/2024	2223
7440-48-4	Cobalt	10		12/20/2024	2223
7440-50-8	Copper	28		12/20/2024	2223
7439-92-1	Lead	22		12/20/2024	2223
7440-02-0	Nickel	30		12/20/2024	2223
7782-49-2	Selenium	1.9	U	12/20/2024	2223
7440-22-4	Silver	0.053	J	12/20/2024	2223
7440-28-0	Thallium	0.084	J	12/20/2024	2223
7440-62-2	Vanadium	28		12/20/2024	2223
7440-66-6	Zinc	75		12/20/2024	2223

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

Comments:

EPA SAMPLE NO.

MYCZJ8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-10

% Solids: 97.6 Date Received: 12/06/2024

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	0.69	U	12/20/2024	2226
7440-38-2	Arsenic	24	*	12/20/2024	2226
7440-39-3	Barium	130		12/20/2024	2226
7440-41-7	Beryllium	0.47		12/20/2024	2226
7440-43-9	Cadmium	0.33	J	12/20/2024	2226
7440-47-3	Chromium	19		12/20/2024	2226
7440-48-4	Cobalt	11		12/20/2024	2226
7440-50-8	Copper	25		12/20/2024	2226
7439-92-1	Lead	19		12/20/2024	2226
7440-02-0	Nickel	20		12/20/2024	2226
7782-49-2	Selenium	1.7	U	12/20/2024	2226
7440-22-4	Silver	0.058	J	12/20/2024	2226
7440-28-0	Thallium	0.076	J	12/20/2024	2226
7440-62-2	Vanadium	31		12/20/2024	2226
7440-66-6	Zinc	110		12/20/2024	2226

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

Comments:

EPA SAMPLE NO.

MYCZJ9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-11

% Solids: 97.9 Date Received: 12/06/2024

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	0.86	U	12/20/2024	2229
7440-38-2	Arsenic	22	*	12/20/2024	2229
7440-39-3	Barium	53		12/20/2024	2229
7440-41-7	Beryllium	0.20	J	12/20/2024	2229
7440-43-9	Cadmium	0.26	J	12/20/2024	2229
7440-47-3	Chromium	81		12/20/2024	2229
7440-48-4	Cobalt	33		12/20/2024	2229
7440-50-8	Copper	83		12/20/2024	2229
7439-92-1	Lead	4.4		12/20/2024	2229
7440-02-0	Nickel	61		12/20/2024	2229
7782-49-2	Selenium	2.2	U	12/20/2024	2229
7440-22-4	Silver	0.43	U	12/20/2024	2229
7440-28-0	Thallium	0.034	J	12/20/2024	2229
7440-62-2	Vanadium	130		12/20/2024	2229
7440-66-6	Zinc	110		12/20/2024	2229

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

Comments:

EPA SAMPLE NO.

MYCZK0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-12

% Solids: 95 Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.83	U	12/20/2024	2232
7440-38-2	Arsenic	20	*	12/20/2024	2232
7440-39-3	Barium	150		12/20/2024	2232
7440-41-7	Beryllium	0.55		12/20/2024	2232
7440-43-9	Cadmium	0.34	J	12/20/2024	2232
7440-47-3	Chromium	16		12/20/2024	2232
7440-48-4	Cobalt	21		12/20/2024	2232
7440-50-8	Copper	37		12/20/2024	2232
7439-92-1	Lead	27		12/20/2024	2232
7440-02-0	Nickel	17		12/20/2024	2232
7782-49-2	Selenium	2.1	U	12/20/2024	2232
7440-22-4	Silver	0.11	J	12/20/2024	2232
7440-28-0	Thallium	0.11	J	12/20/2024	2232
7440-62-2	Vanadium	55		12/20/2024	2232
7440-66-6	Zinc	110		12/20/2024	2232

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

Comments:

EPA SAMPLE NO.

MYCZK1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-13

% Solids: 98.5 Date Received: 12/06/2024

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	U	12/20/2024	2235
7440-38-2	Arsenic	5.4	*	12/20/2024	2235
7440-39-3	Barium	57		12/20/2024	2235
7440-41-7	Beryllium	0.25	J	12/20/2024	2235
7440-43-9	Cadmium	0.11	J	12/20/2024	2235
7440-47-3	Chromium	8.7		12/20/2024	2235
7440-48-4	Cobalt	7.0		12/20/2024	2235
7440-50-8	Copper	15		12/20/2024	2235
7439-92-1	Lead	5.9		12/20/2024	2235
7440-02-0	Nickel	8.9		12/20/2024	2235
7782-49-2	Selenium	1.8	U	12/20/2024	2235
7440-22-4	Silver	0.37	U	12/20/2024	2235
7440-28-0	Thallium	0.048	J	12/20/2024	2235
7440-62-2	Vanadium	23		12/20/2024	2235
7440-66-6	Zinc	31		12/20/2024	2235

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

Comments:

EPA SAMPLE NO.

MYCZK2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-14

% Solids: 94.6 Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.75	U	12/20/2024	2238
7440-38-2	Arsenic	16	*	12/20/2024	2238
7440-39-3	Barium	140		12/20/2024	2238
7440-41-7	Beryllium	0.53		12/20/2024	2238
7440-43-9	Cadmium	0.27	J	12/20/2024	2238
7440-47-3	Chromium	15		12/20/2024	2238
7440-48-4	Cobalt	17		12/20/2024	2238
7440-50-8	Copper	30		12/20/2024	2238
7439-92-1	Lead	16		12/20/2024	2238
7440-02-0	Nickel	16		12/20/2024	2238
7782-49-2	Selenium	1.9	U	12/20/2024	2238
7440-22-4	Silver	0.082	J	12/20/2024	2238
7440-28-0	Thallium	0.090	J	12/20/2024	2238
7440-62-2	Vanadium	44		12/20/2024	2238
7440-66-6	Zinc	83		12/20/2024	2238

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

Comments:

EPA SAMPLE NO.

MYCZK3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-15

% Solids: 97 Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.77	U	12/20/2024	2242
7440-38-2	Arsenic	12	*	12/20/2024	2242
7440-39-3	Barium	140		12/20/2024	2242
7440-41-7	Beryllium	0.48		12/20/2024	2242
7440-43-9	Cadmium	0.23	J	12/20/2024	2242
7440-47-3	Chromium	14		12/20/2024	2242
7440-48-4	Cobalt	16		12/20/2024	2242
7440-50-8	Copper	29		12/20/2024	2242
7439-92-1	Lead	11		12/20/2024	2242
7440-02-0	Nickel	16		12/20/2024	2242
7782-49-2	Selenium	1.9	U	12/20/2024	2242
7440-22-4	Silver	0.042	J	12/20/2024	2242
7440-28-0	Thallium	0.088	J	12/20/2024	2242
7440-62-2	Vanadium	41		12/20/2024	2242
7440-66-6	Zinc	69		12/20/2024	2242

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

Comments:

EPA SAMPLE NO.

MYCZK4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-16

% Solids: 96.5 Date Received: 12/06/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.81	U	12/20/2024	2245
7440-38-2	Arsenic	13	*	12/20/2024	2245
7440-39-3	Barium	140		12/20/2024	2245
7440-41-7	Beryllium	0.53		12/20/2024	2245
7440-43-9	Cadmium	0.24	J	12/20/2024	2245
7440-47-3	Chromium	15		12/20/2024	2245
7440-48-4	Cobalt	17		12/20/2024	2245
7440-50-8	Copper	33		12/20/2024	2245
7439-92-1	Lead	9.4		12/20/2024	2245
7440-02-0	Nickel	17		12/20/2024	2245
7782-49-2	Selenium	2.0	U	12/20/2024	2245
7440-22-4	Silver	0.045	J	12/20/2024	2245
7440-28-0	Thallium	0.093	J	12/20/2024	2245
7440-62-2	Vanadium	44		12/20/2024	2245
7440-66-6	Zinc	77		12/20/2024	2245

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

Comments:

EPA SAMPLE NO.

MYCZK5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-17

% Solids: 95.7 Date Received: 12/06/2024

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	0.80	U	12/20/2024	2248
7440-38-2	Arsenic	15	*	12/20/2024	2248
7440-39-3	Barium	150		12/20/2024	2248
7440-41-7	Beryllium	0.50		12/20/2024	2248
7440-43-9	Cadmium	0.26	J	12/20/2024	2248
7440-47-3	Chromium	14		12/20/2024	2248
7440-48-4	Cobalt	17		12/20/2024	2248
7440-50-8	Copper	30		12/20/2024	2248
7439-92-1	Lead	13		12/20/2024	2248
7440-02-0	Nickel	15		12/20/2024	2248
7782-49-2	Selenium	2.0	U	12/20/2024	2248
7440-22-4	Silver	0.060	J	12/20/2024	2248
7440-28-0	Thallium	0.096	J	12/20/2024	2248
7440-62-2	Vanadium	47		12/20/2024	2248
7440-66-6	Zinc	75		12/20/2024	2248

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

Comments:

EPA SAMPLE NO.

MYCZK6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-18

% Solids: 96.7 Date Received: 12/06/2024

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	0.87	U	12/20/2024	2251
7440-38-2	Arsenic	9.7	*	12/20/2024	2251
7440-39-3	Barium	230		12/20/2024	2251
7440-41-7	Beryllium	0.74		12/20/2024	2251
7440-43-9	Cadmium	0.22	J	12/20/2024	2251
7440-47-3	Chromium	17		12/20/2024	2251
7440-48-4	Cobalt	11		12/20/2024	2251
7440-50-8	Copper	23		12/20/2024	2251
7439-92-1	Lead	9.9		12/20/2024	2251
7440-02-0	Nickel	18		12/20/2024	2251
7782-49-2	Selenium	2.2	U	12/20/2024	2251
7440-22-4	Silver	0.043	J	12/20/2024	2251
7440-28-0	Thallium	0.087	J	12/20/2024	2251
7440-62-2	Vanadium	30		12/20/2024	2251
7440-66-6	Zinc	60		12/20/2024	2251

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

Comments:

EPA SAMPLE NO.

MYCZK7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-19

% Solids: 96.7 Date Received: 12/06/2024

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	0.86	U	12/20/2024	2254
7440-38-2	Arsenic	12	*	12/20/2024	2254
7440-39-3	Barium	170		12/20/2024	2254
7440-41-7	Beryllium	0.63		12/20/2024	2254
7440-43-9	Cadmium	0.33	J	12/20/2024	2254
7440-47-3	Chromium	17		12/20/2024	2254
7440-48-4	Cobalt	9.7		12/20/2024	2254
7440-50-8	Copper	29		12/20/2024	2254
7439-92-1	Lead	22		12/20/2024	2254
7440-02-0	Nickel	17		12/20/2024	2254
7782-49-2	Selenium	2.1	U	12/20/2024	2254
7440-22-4	Silver	0.085	J	12/20/2024	2254
7440-28-0	Thallium	0.077	J	12/20/2024	2254
7440-62-2	Vanadium	28		12/20/2024	2254
7440-66-6	Zinc	84		12/20/2024	2254

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

Comments:

EPA SAMPLE NO.

MYCZK8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZH9

Matrix: SOIL Lab Sample ID: P5189-20

% Solids: 97.9 Date Received: 12/06/2024

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	0.051	J	12/20/2024	1547
7440-38-2	Arsenic	9.6	*	12/20/2024	1547
7440-39-3	Barium	170	D	12/20/2024	1658
7440-41-7	Beryllium	0.63		12/20/2024	1547
7440-43-9	Cadmium	0.25	J	12/20/2024	1547
7440-47-3	Chromium	15		12/20/2024	1547
7440-48-4	Cobalt	11	D	12/20/2024	1658
7440-50-8	Copper	25		12/20/2024	1547
7439-92-1	Lead	14		12/20/2024	1547
7440-02-0	Nickel	17	D	12/20/2024	1658
7782-49-2	Selenium	2.1	U	12/20/2024	1547
7440-22-4	Silver	0.068	J	12/20/2024	1547
7440-28-0	Thallium	0.093	J	12/20/2024	1547
7440-62-2	Vanadium	29	D	12/20/2024	1658
7440-66-6	Zinc	84		12/20/2024	1547

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

Comments:

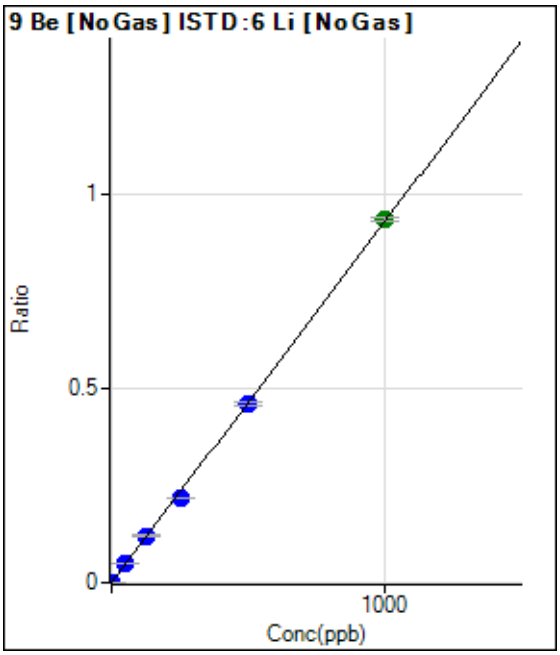
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On:12/23/2024 4:14:06 AM
Inst Id :P7

Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122024MS1.b\
Analysis File: P7122024MS1.batch.bin
DA Date-Time: 2024-12-22 13:30:37
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-20 13:03:39
2	006CALS.d	S02	2024-12-20 13:10:15
3	007CALS.d	S03	2024-12-20 13:13:31
4	008CALS.d	S04	2024-12-20 13:16:32
5	009CALS.d	S05	2024-12-20 13:19:24
6	010CALS.d	S06	2024-12-20 13:22:11
7	011CALS.d	S07	2024-12-20 13:24:55
8	012CALS.d	S08	2024-12-20 13:27:41

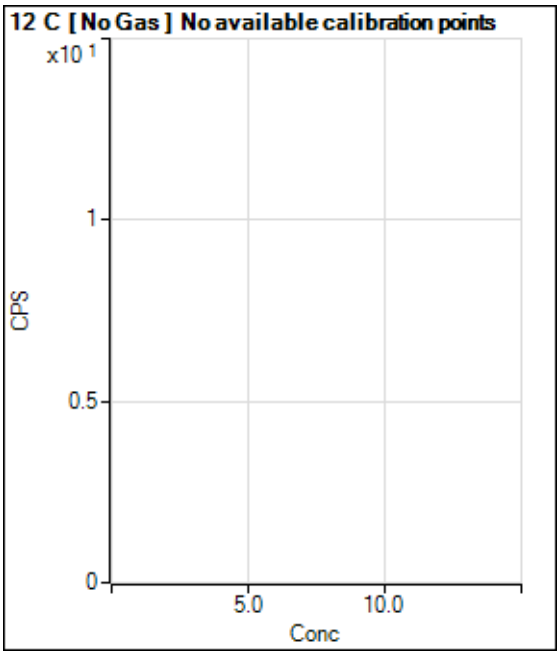
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On:12/23/2024 4:14:06 AM
Inst Id :P7



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2	☐	1.000	1.130	1899.03	0.0011	P	3.9
3	☐	50.000	54.705	90848.85	0.0508	P	0.6
4	☐	125.000	130.103	216580.40	0.1207	P	1.4
5	☐	250.000	234.883	398155.16	0.2179	P	1.5
6	☐	500.000	495.252	822621.44	0.4594	P	1.6
7	☐	1000.000	1005.280	1588906.97	0.9325	A	0.9
8	☐			530.02	0.0003	P	3.9

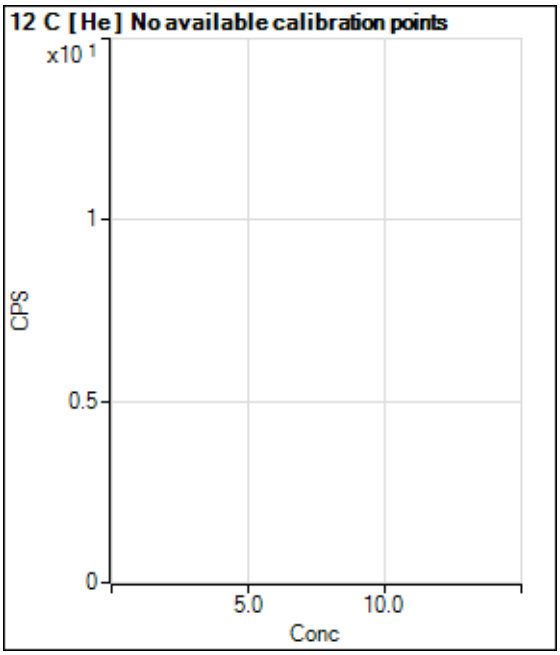
y = 9.2754E-004 * x + 3.2255E-005
R = 0.9998
DL = 0.03951
BEC = 0.03478

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Min Conc: 0

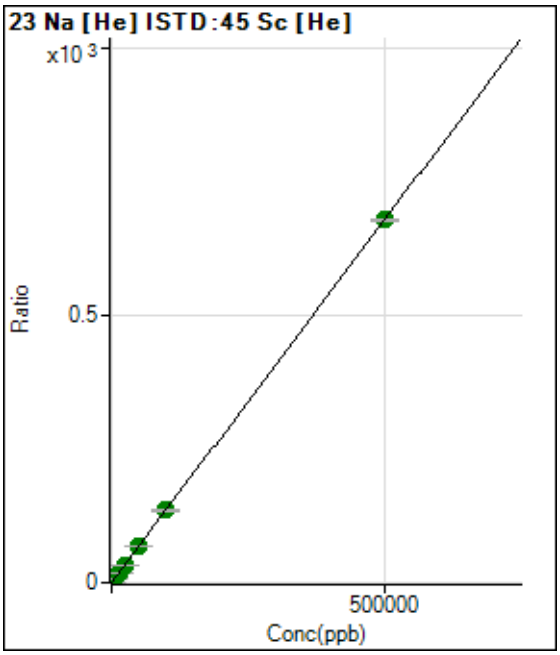


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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6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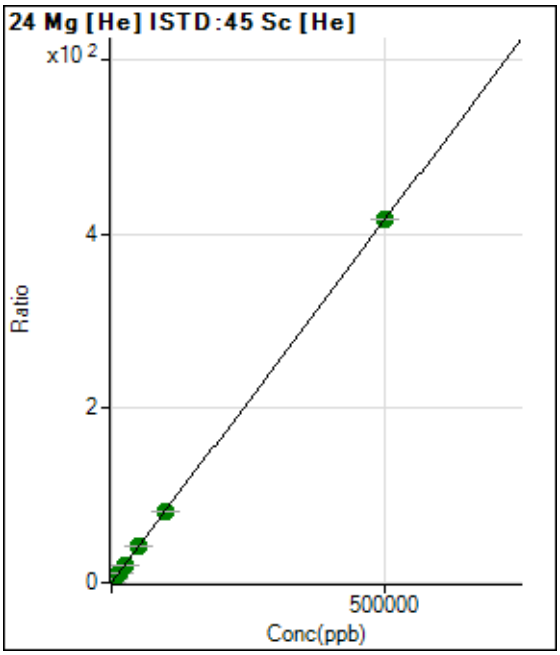


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23092.96	0.0340	P	1.8
2	☐	500.000	513.538	505009.14	0.7312	P	0.4
3	☐	5000.000	5158.559	4787833.96	7.0372	A	3.2
4	☐	12500.000	12755.408	10892154.28	17.3505	A	1.6
5	☐	25000.000	23527.386	19128772.21	31.9744	A	0.3
6	☐	50000.000	50772.140	39757573.85	68.9614	A	0.5
7	☐	100000.00	99744.802	78360258.83	135.4458	A	0.8
8	☐	500000.00	500039.47	411381482.76	678.8791	A	0.3

y = 0.0014 * x + 0.0340
R = 1.0000
DL = 1.338
BEC = 25.04

Weight: <None>
Min Conc: 0

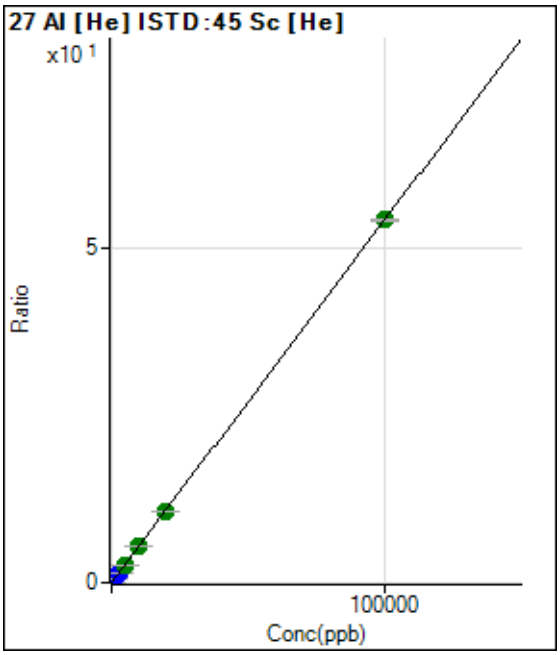
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1	☐	0.000	0.000	1090.05	0.0016	P	2.5
2	☐	500.000	547.670	316057.93	0.4576	P	0.2
3	☐	5000.000	5089.770	2883845.55	4.2393	A	3.8
4	☐	12500.000	12586.630	6579858.51	10.4811	A	0.9
5	☐	25000.000	23293.983	11603605.10	19.3959	A	0.2
6	☐	50000.000	49823.834	23916345.48	41.4844	A	0.7
7	☐	100000.00	97455.229	46944057.08	81.1418	A	0.8
8	☐	500000.00	500608.76	252570191.79	416.8032	A	0.1

y = 8.3259E-004 * x + 0.0016
R = 1.0000
DL = 0.1461
BEC = 1.927

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Min Conc: 0

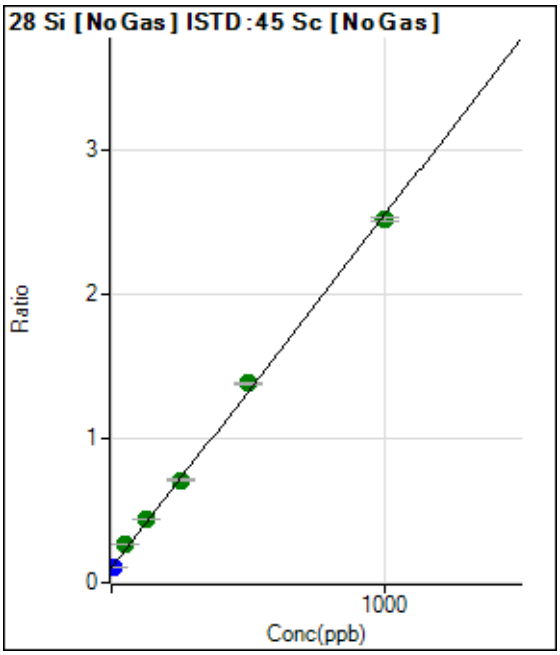


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2	☐	20.000	20.742	7864.30	0.0114	P	2.1
3	☐	1000.000	1006.989	371664.42	0.5463	P	3.6
4	☐	2500.000	2470.506	841342.35	1.3402	P	0.5
5	☐	5000.000	4681.924	1519395.48	2.5396	A	0.4
6	☐	10000.000	10034.880	3138072.84	5.4431	A	0.5
7	☐	20000.000	19603.048	6151541.02	10.6330	A	0.7
8	☐	100000.00	100092.47	32899030.06	54.2909	A	0.5

y = 5.4241E-004 * x + 1.3558E-004
R = 1.0000
DL = 0.1266
BEC = 0.25

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Min Conc: 0

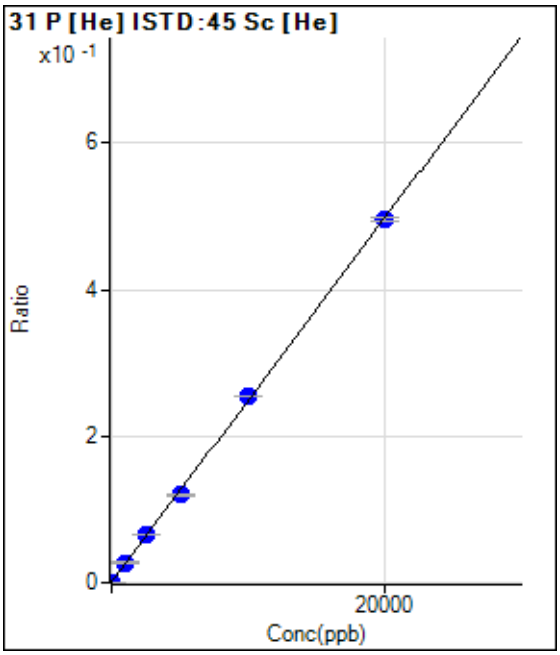
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1	☐	0.000	0.000	712332.63	0.1019	P	0.3
2	☐	10.000	1.416	744749.41	0.1053	P	1.0
3	☐	50.000	67.244	1873403.69	0.2661	A	1.7
4	☐	125.000	138.992	3009525.65	0.4413	A	0.7
5	☐	250.000	248.895	4649957.12	0.7097	A	1.1
6	☐	500.000	522.916	8605890.22	1.3789	A	0.3
7	☐	1000.000	986.293	15216197.97	2.5105	A	0.9
8	☐			697826.54	0.1162	P	0.2

y = 0.0024 * x + 0.1019
R = 0.9993
DL = 0.3216
BEC = 41.71

Weight: <None>
Min Conc: 0

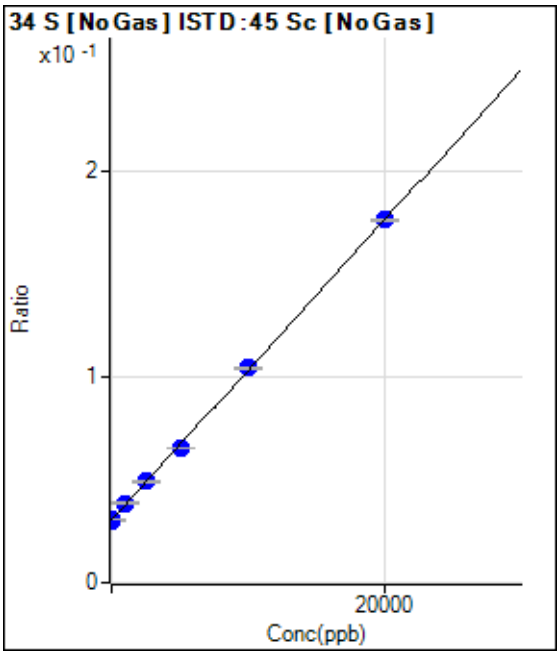


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	0.000	17.888	805.59	0.0012	P	13.4
3	☐	1000.000	1072.678	18606.99	0.0274	P	4.7
4	☐	2500.000	2646.926	41714.46	0.0664	P	1.2
5	☐	5000.000	4797.701	71696.79	0.1199	P	1.5
6	☐	10000.000	10221.671	146742.74	0.2545	P	0.6
7	☐	20000.000	19917.740	286539.47	0.4953	P	0.9
8	☐			297.78	0.0005	P	6.8

y = 2.4830E-005 * x + 7.2221E-004
R = 0.9998
DL = 10.94
BEC = 29.09

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-72.784	209511.96	0.0300	P	0.3
2	☐	0.000	72.784	219362.64	0.0310	P	1.3
3	☐	1000.000	1122.015	272297.29	0.0387	P	1.8
4	☐	2500.000	2568.548	335645.30	0.0492	P	1.5
5	☐	5000.000	4741.278	426429.38	0.0651	P	0.2
6	☐	10000.000	10109.059	650559.11	0.1042	P	0.4
7	☐	20000.000	19995.482	1068965.28	0.1764	P	0.3
8	☐			170403.95	0.0284	P	2.9

y = 7.2954E-006 * x + 0.0305

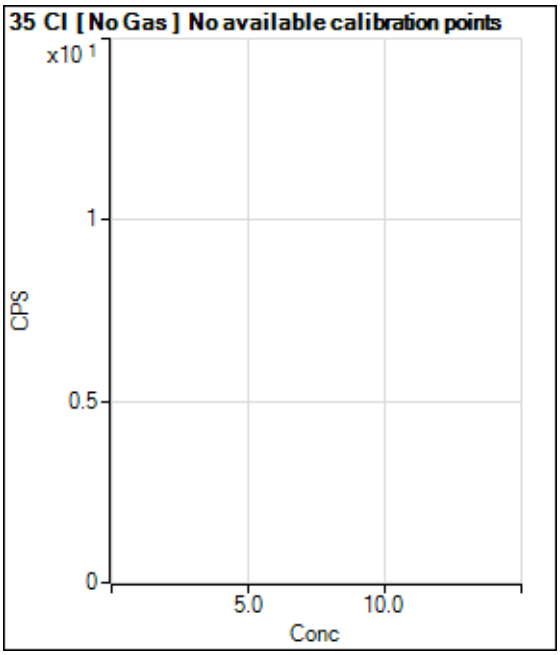
R = 0.9998

DL = 100.5

BEC = 4179

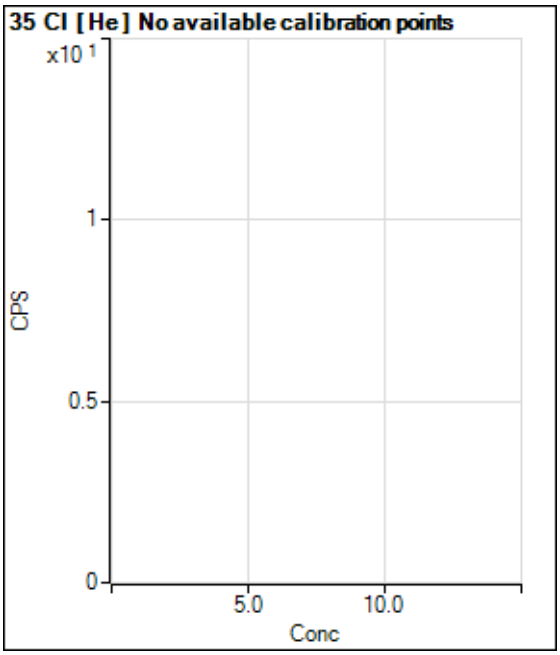
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Min Conc: 0

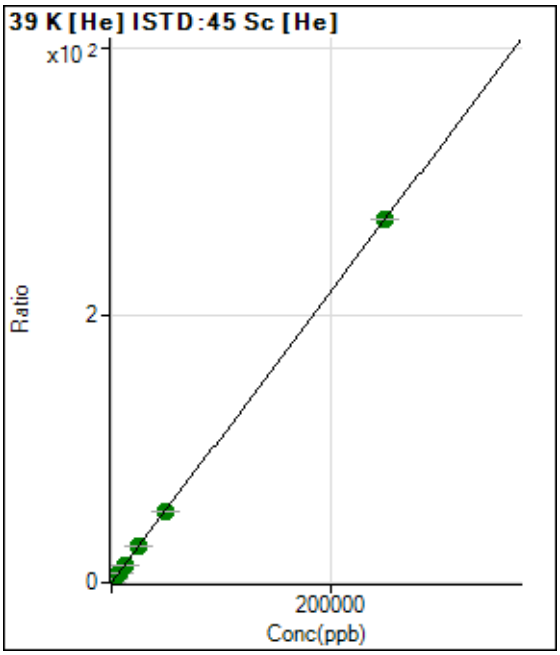


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



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

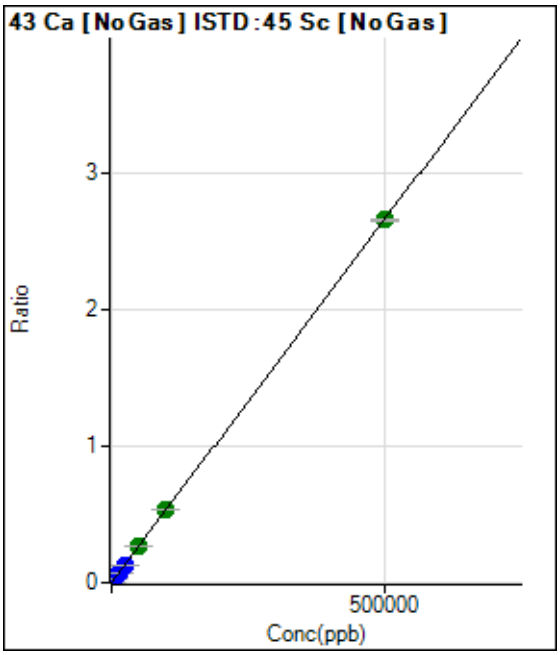


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64792.55	0.0954	P	0.8
2	☐	500.000	551.567	479429.15	0.6941	P	0.1
3	☐	2500.000	2616.878	1997533.48	2.9361	A	3.8
4	☐	6250.000	6332.914	4375749.87	6.9701	A	1.0
5	☐	12500.000	11621.918	7604371.62	12.7115	A	0.9
6	☐	25000.000	24940.220	15663677.82	27.1692	A	0.7
7	☐	50000.000	49264.979	30995392.59	53.5750	A	0.5
8	☐	250000.00	250193.54	164637727.55	271.6929	A	0.1

y = 0.0011 * x + 0.0954
R = 1.0000
DL = 2.002
BEC = 87.85

Weight: <None>
Min Conc: 0

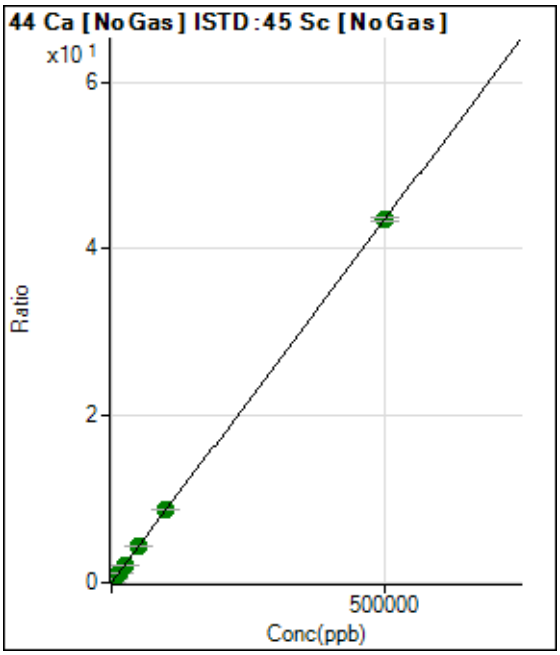
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	224.45	0.0000	P	10.8
2	☐	500.000	557.100	21179.28	0.0030	P	0.9
3	☐	5000.000	5523.687	207038.32	0.0294	P	2.5
4	☐	12500.000	13100.362	475272.29	0.0697	P	1.1
5	☐	25000.000	24396.687	850362.14	0.1298	P	0.6
6	☐	50000.000	51333.589	1704029.50	0.2730	A	0.5
7	☐	100000.00	100897.14	3252546.20	0.5366	A	0.2
8	☐	500000.00	499697.07	15959647.68	2.6575	A	0.9

y = 5.3181E-006 * x + 3.2100E-005
R = 1.0000
DL = 1.948
BEC = 6.036

Weight: <None>
Min Conc: 0

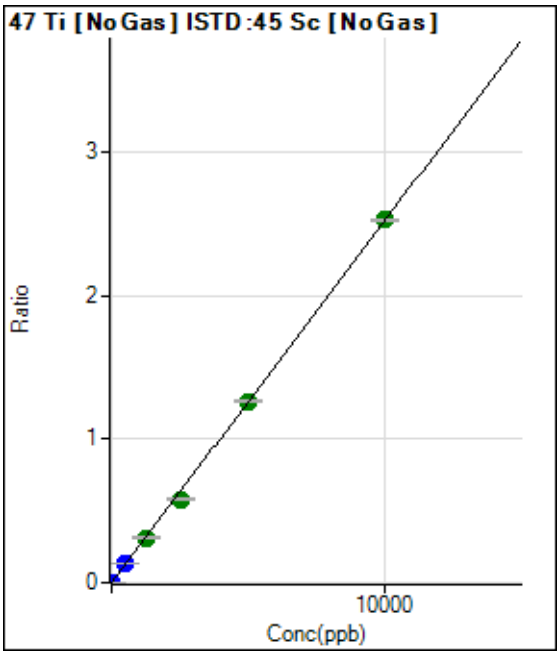


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10561.86	0.0015	P	0.2
2	☐	500.000	556.704	352867.47	0.0499	P	0.5
3	☐	5000.000	5263.020	3231451.24	0.4589	A	1.6
4	☐	12500.000	12558.631	7453840.44	1.0930	A	0.7
5	☐	25000.000	23227.766	13238767.44	2.0203	A	0.6
6	☐	50000.000	50320.330	27304503.76	4.3751	A	0.9
7	☐	100000.00	100332.40	52863502.55	8.7218	A	1.0
8	☐	500000.00	499985.94	260985969.44	43.4573	A	1.0

y = 8.6914E-005 * x + 0.0015
R = 1.0000
DL = 0.1061
BEC = 17.38

Weight: <None>
Min Conc: 0

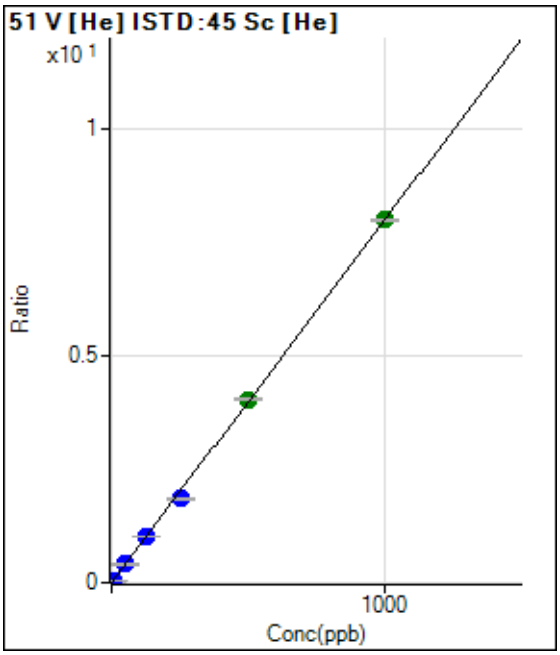
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0000	P	13.2
2	☐	5.000	5.396	9727.63	0.0014	P	1.6
3	☐	500.000	519.040	922057.16	0.1310	P	2.1
4	☐	1250.000	1245.785	2143183.88	0.3143	A	1.2
5	☐	2500.000	2312.022	3822328.00	0.5833	A	0.4
6	☐	5000.000	5025.298	7913158.49	1.2678	A	0.7
7	☐	10000.000	10033.920	15343504.49	2.5315	A	0.5
8	☐			3050.34	0.0005	P	7.3

y = 2.5229E-004 * x + 1.4144E-005
R = 0.9998
DL = 0.02217
BEC = 0.05606

Weight: <None>
Min Conc: 0

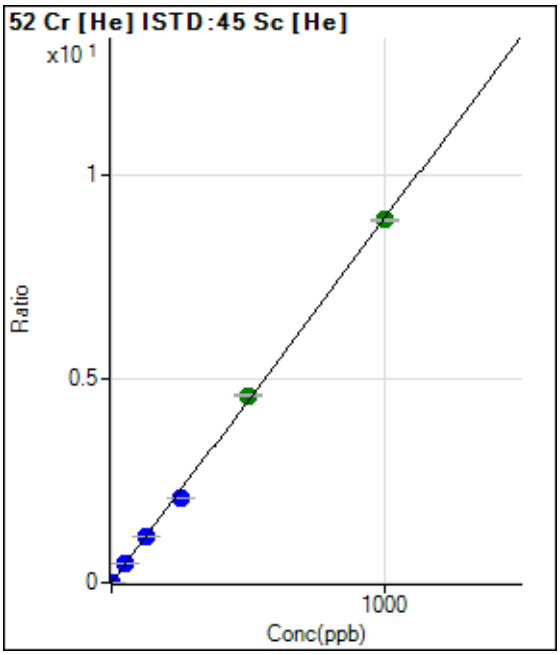


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0000	P	64.9
2	☐	5.000	5.425	29860.61	0.0432	P	0.5
3	☐	50.000	51.115	277005.14	0.4072	P	3.6
4	☐	125.000	125.775	628977.55	1.0019	P	0.6
5	☐	250.000	231.597	1103633.55	1.8448	P	0.8
6	☐	500.000	505.641	2322058.68	4.0278	A	0.7
7	☐	1000.000	1001.626	4615892.78	7.9786	A	0.8
8	☐			1105.61	0.0018	P	8.8

y = 0.0080 * x + 1.9538E-005
R = 0.9998
DL = 0.004776
BEC = 0.002453

Weight: <None>
Min Conc: 0

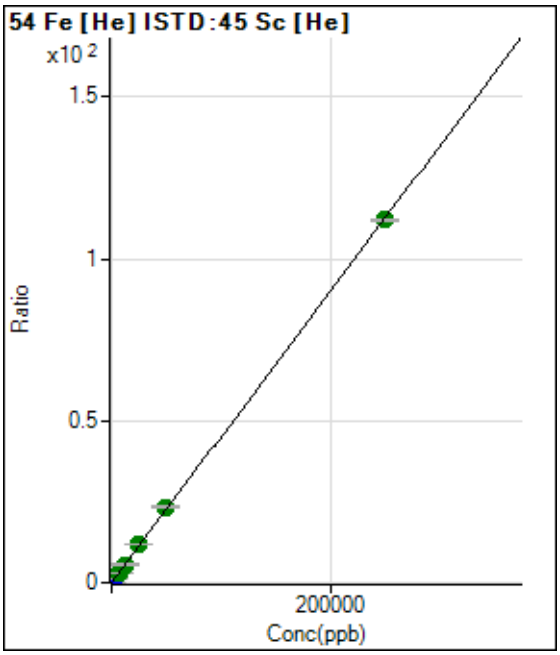
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1336.74	0.0020	P	4.7
2	☐	2.000	2.183	14854.06	0.0215	P	1.6
3	☐	50.000	52.234	319399.00	0.4694	P	3.1
4	☐	125.000	127.607	718171.13	1.1440	P	0.7
5	☐	250.000	234.021	1254112.39	2.0963	P	0.2
6	☐	500.000	514.451	2655348.83	4.6060	A	1.1
7	☐	1000.000	996.331	5159716.00	8.9185	A	0.8
8	☐			9451.34	0.0156	P	18.9

y = 0.0089 * x + 0.0020
R = 0.9997
DL = 0.03066
BEC = 0.2198

Weight: <None>
Min Conc: 0

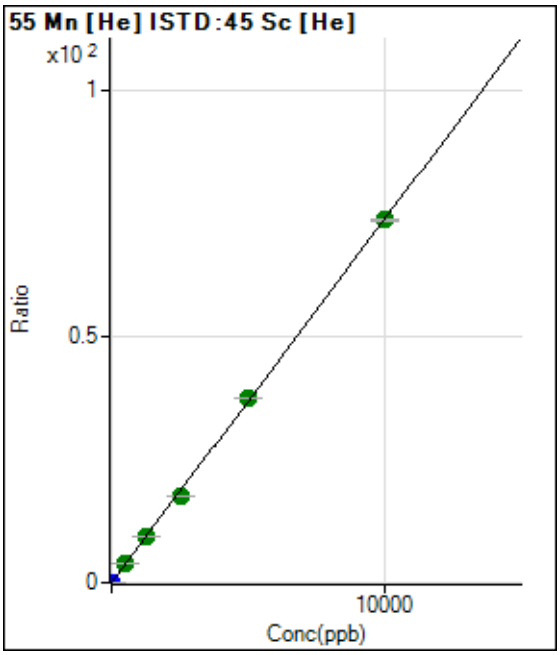


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2796.95	0.0041	P	0.1
2	☐	50.000	58.814	21094.83	0.0305	P	1.0
3	☐	2500.000	2780.390	852657.45	1.2533	P	3.5
4	☐	6250.000	6789.835	1917727.70	3.0548	A	1.0
5	☐	12500.000	12528.187	3369872.17	5.6330	A	0.8
6	☐	25000.000	26765.118	6935403.72	12.0296	A	0.1
7	☐	50000.000	52085.139	13541207.71	23.4058	A	0.6
8	☐	250000.00	249388.74	67900630.66	112.0537	A	0.4

y = 4.4930E-004 * x + 0.0041
R = 0.9999
DL = 0.03695
BEC = 9.163

Weight: <None>
Min Conc: 0

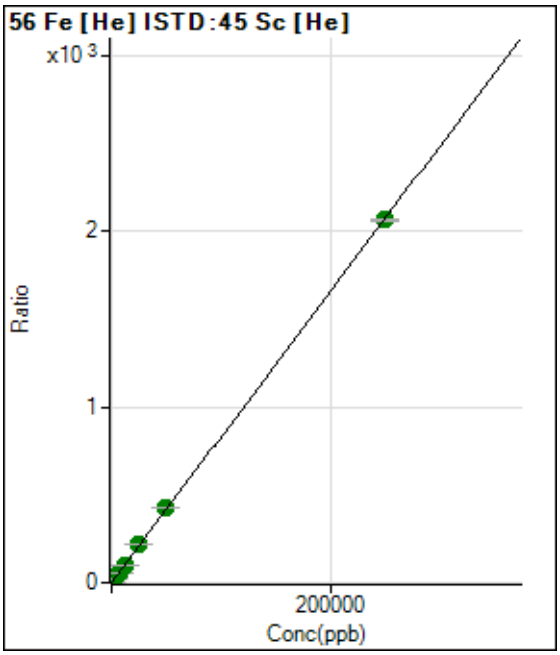
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	290.01	0.0004	P	17.5
2	☐	1.000	1.084	5827.86	0.0084	P	1.2
3	☐	500.000	522.517	2626080.59	3.8599	A	3.4
4	☐	1250.000	1274.352	5909520.82	9.4132	A	0.7
5	☐	2500.000	2371.619	10479976.85	17.5180	A	0.5
6	☐	5000.000	5080.669	21635793.29	37.5280	A	0.3
7	☐	10000.000	9987.591	42680496.31	73.7723	A	0.5
8	☐			21593.89	0.0356	P	3.6

y = 0.0074 * x + 4.2742E-004
R = 0.9998
DL = 0.03034
BEC = 0.05787

Weight: <None>
Min Conc: 0

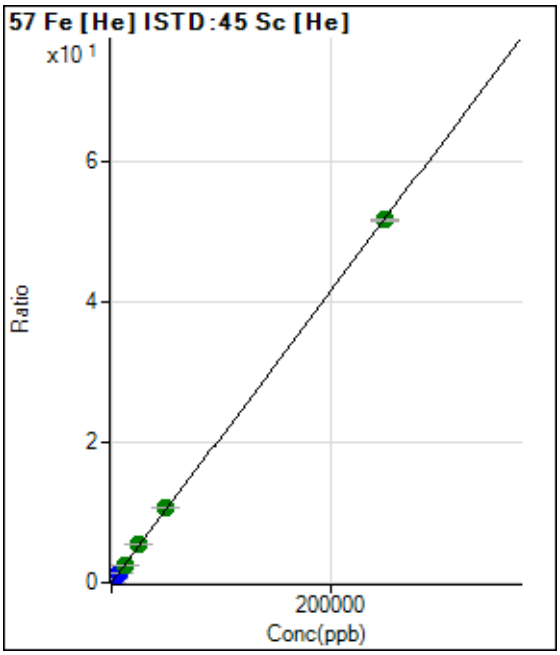


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19836.51	0.0292	P	0.5
2	☐	50.000	57.333	347609.81	0.5033	P	0.2
3	☐	2500.000	2681.198	15106095.75	22.1996	A	2.6
4	☐	6250.000	6594.808	34252767.54	54.5606	A	0.4
5	☐	12500.000	12272.732	60727556.32	101.5105	A	0.5
6	☐	25000.000	26258.623	125194982.58	217.1576	A	0.6
7	☐	50000.000	51455.030	246172296.33	425.5027	A	0.7
8	☐	250000.00	249584.06	1250586141.3	2,063.800	A	0.3

y = 0.0083 * x + 0.0292
R = 1.0000
DL = 0.05654
BEC = 3.531

Weight: <None>
Min Conc: 0

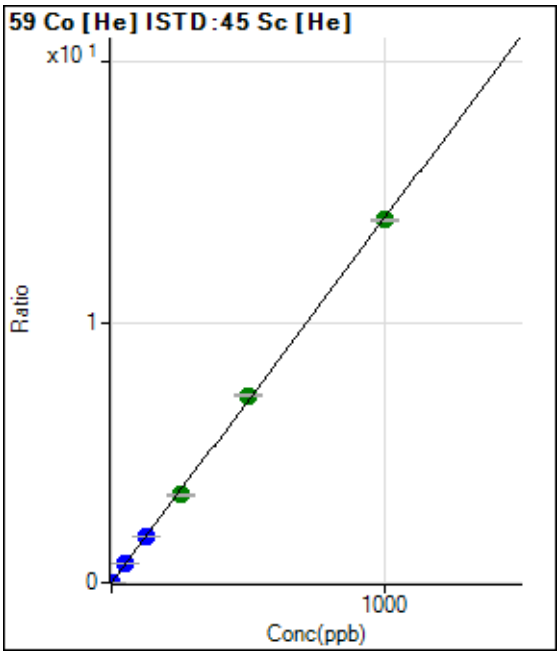
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1302.29	0.0019	P	5.4
2	☐	50.000	59.464	9824.39	0.0142	P	2.6
3	☐	2500.000	2744.819	387767.10	0.5700	P	3.3
4	☐	6250.000	6735.476	876277.38	1.3958	P	0.6
5	☐	12500.000	12364.599	1532018.80	2.5608	A	1.2
6	☐	25000.000	26209.280	3128151.30	5.4259	A	0.5
7	☐	50000.000	51469.720	6163787.48	10.6535	A	0.7
8	☐	250000.00	249577.31	31298634.81	51.6516	A	0.5

y = 2.0695E-004 * x + 0.0019
R = 1.0000
DL = 1.492
BEC = 9.263

Weight: <None>
Min Conc: 0

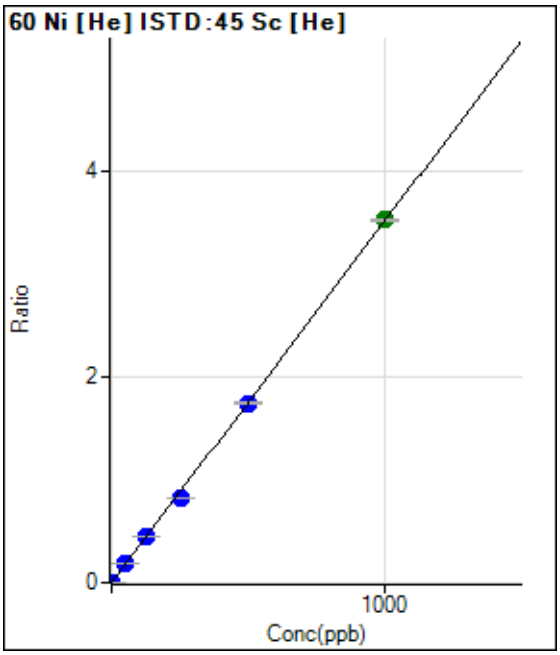


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.45	0.0002	P	23.6
2	☐	1.000	1.147	11200.91	0.0162	P	1.8
3	☐	50.000	52.131	496576.29	0.7299	P	3.1
4	☐	125.000	127.200	1117860.98	1.7806	P	0.6
5	☐	250.000	241.621	2023270.15	3.3822	A	1.4
6	☐	500.000	512.450	4135442.09	7.1731	A	0.8
7	☐	1000.000	995.488	8061882.10	13.9343	A	0.6
8	☐			22443.55	0.0370	P	1.6

y = 0.0140 * x + 1.6818E-004
R = 0.9998
DL = 0.008508
BEC = 0.01202

Weight: <None>
Min Conc: 0

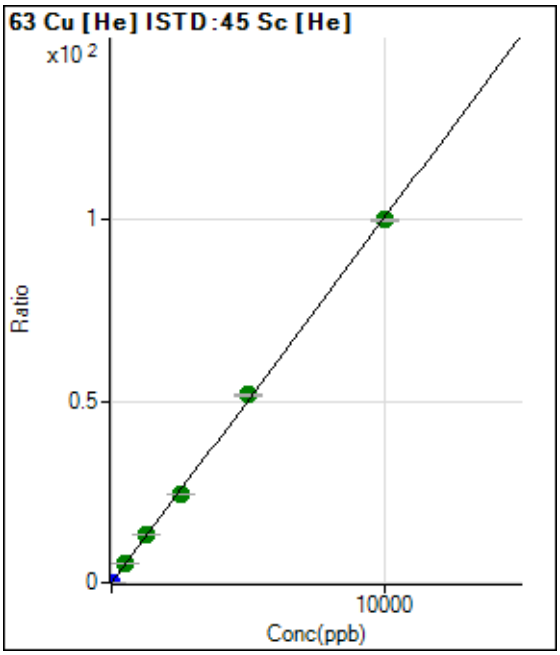
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	381.12	0.0006	P	5.0
2	☐	1.000	1.084	3013.67	0.0044	P	1.9
3	☐	50.000	52.633	126020.25	0.1852	P	3.7
4	☐	125.000	128.644	283745.80	0.4520	P	0.1
5	☐	250.000	235.208	494090.78	0.8259	P	0.5
6	☐	500.000	497.106	1005961.09	1.7449	P	0.7
7	☐	1000.000	1004.558	2039715.75	3.5255	A	0.3
8	☐			8481.36	0.0140	P	1.9

y = 0.0035 * x + 5.6079E-004
R = 0.9998
DL = 0.02378
BEC = 0.1598

Weight: <None>
Min Conc: 0

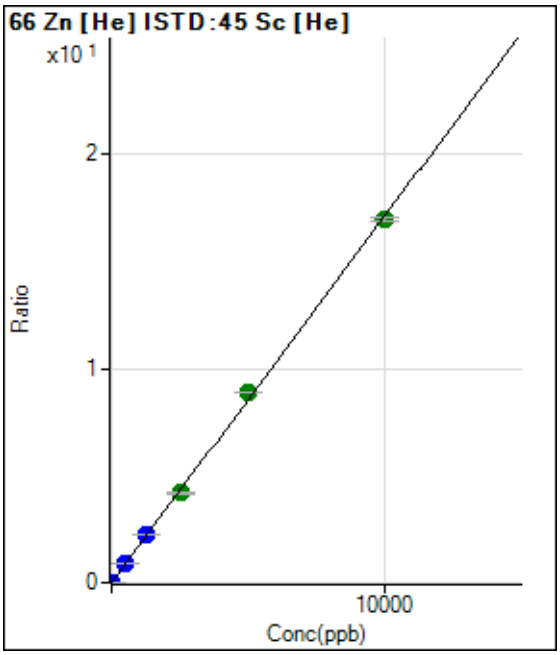


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	763.36	0.0011	P	10.0
2	☐	2.000	2.103	15370.19	0.0223	P	0.7
3	☐	500.000	541.564	3702385.01	5.4425	A	3.7
4	☐	1250.000	1315.629	8299161.47	13.2198	A	1.1
5	☐	2500.000	2424.714	14574798.12	24.3633	A	0.9
6	☐	5000.000	5139.782	29773231.78	51.6428	A	0.4
7	☐	10000.000	9938.648	57772255.81	99.8592	A	0.7
8	☐			11883.69	0.0196	P	4.3

y = 0.0100 * x + 0.0011
R = 0.9998
DL = 0.03371
BEC = 0.1118

Weight: <None>
Min Conc: 0

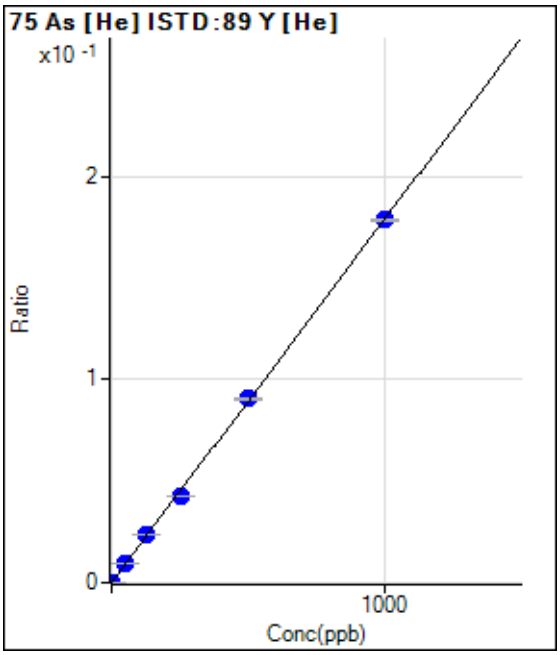
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	274.45	0.0004	P	3.2
2	☐	5.000	5.440	6709.35	0.0097	P	4.1
3	☐	500.000	528.774	615972.47	0.9053	P	3.1
4	☐	1250.000	1300.667	1397638.52	2.2263	P	0.5
5	☐	2500.000	2444.000	2502442.22	4.1829	A	1.1
6	☐	5000.000	5204.175	5134768.78	8.9065	A	0.5
7	☐	10000.000	9904.140	9806033.26	16.9497	A	0.9
8	☐			10256.94	0.0169	P	1.2

y = 0.0017 * x + 4.0393E-004
R = 0.9997
DL = 0.02267
BEC = 0.236

Weight: <None>
Min Conc: 0

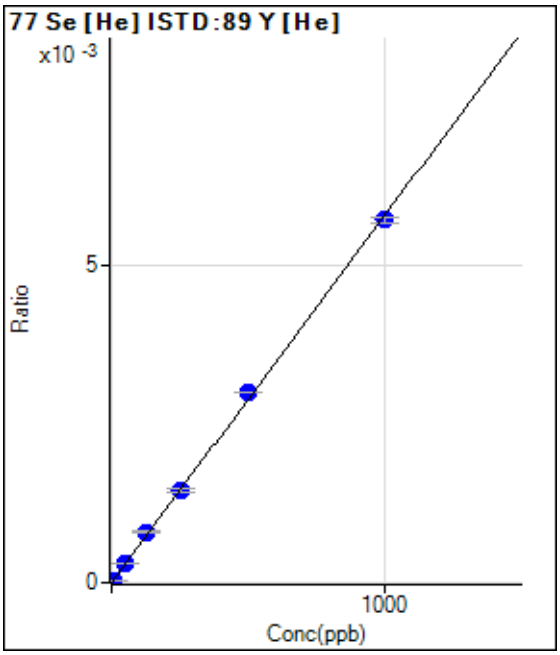


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.57	0.0000	P	42.4
2	☐	1.000	1.195	966.89	0.0002	P	5.8
3	☐	50.000	53.724	42892.16	0.0096	P	4.6
4	☐	125.000	131.425	97626.29	0.0235	P	0.4
5	☐	250.000	238.506	171921.58	0.0427	P	1.3
6	☐	500.000	505.869	354987.14	0.0905	P	0.6
7	☐	1000.000	998.950	691331.11	0.1787	P	0.6
8	☐			487.12	0.0001	P	10.8

y = 1.7893E-004 * x + 3.0877E-006
R = 0.9999
DL = 0.02197
BEC = 0.01726

Weight: <None>
Min Conc: 0

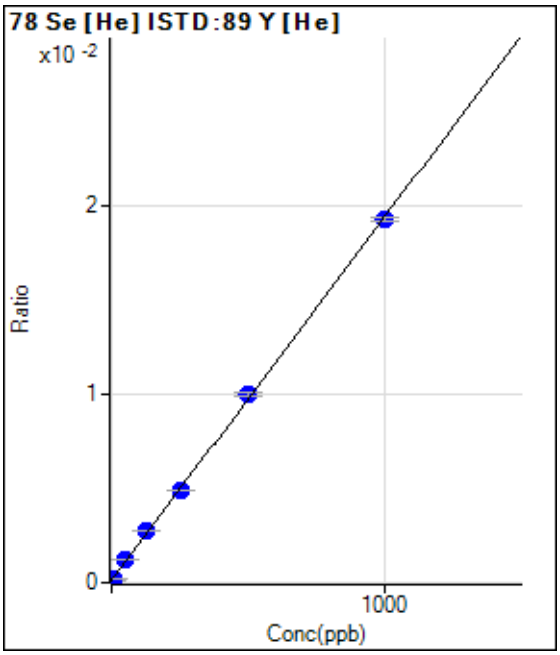
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.770	148.89	0.0000	P	16.2
3	☐	50.000	53.415	1380.08	0.0003	P	3.2
4	☐	125.000	137.987	3317.07	0.0008	P	1.8
5	☐	250.000	250.179	5836.76	0.0014	P	3.3
6	☐	500.000	518.564	11775.88	0.0030	P	0.3
7	☐	1000.000	988.875	22144.37	0.0057	P	1.8
8	☐			6.67	0.0000	P	0.3

y = 5.7904E-006 * x + 0.0000E+000
R = 0.9997
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

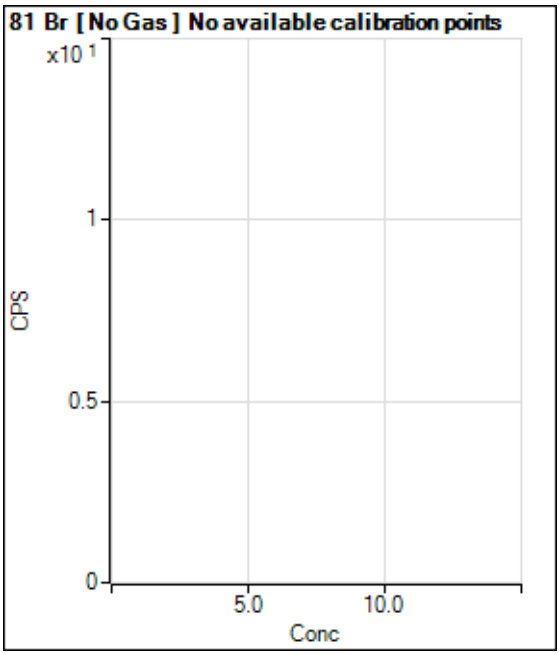


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	536.68	0.0001	P	4.4
2	☐	5.000	5.279	998.93	0.0002	P	2.5
3	☐	50.000	56.173	5375.47	0.0012	P	2.4
4	☐	125.000	135.551	11344.43	0.0027	P	1.2
5	☐	250.000	248.320	19759.93	0.0049	P	0.5
6	☐	500.000	512.461	39186.17	0.0100	P	1.9
7	☐	1000.000	992.560	74411.17	0.0192	P	0.9
8	☐			478.90	0.0001	P	9.5

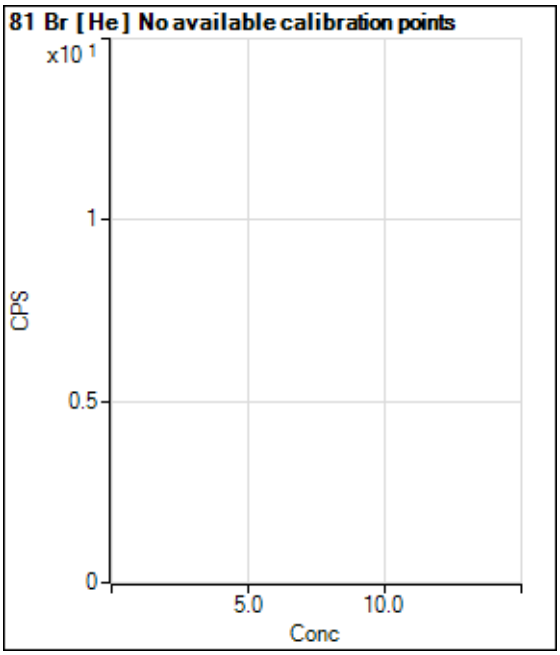
y = 1.9260E-005 * x + 1.2237E-004
R = 0.9998
DL = 0.8348
BEC = 6.354

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

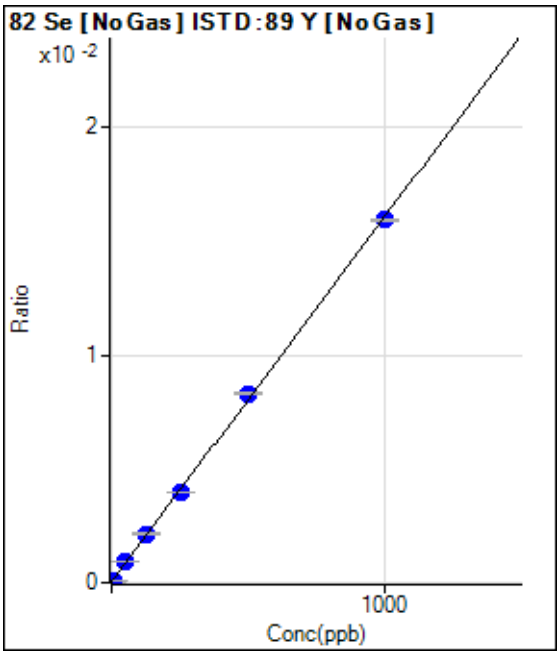


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15703.99		P	1.0
2	☐			16470.42		P	1.2
3	☐			15868.65		P	2.7
4	☐			14868.72		P	4.1
5	☐			14439.38		P	1.2
6	☐			13320.54		P	2.3
7	☐			12972.44		P	0.8
8	☐			13809.87		P	2.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			227.78		P	11.0
2	☐			213.34		P	8.7
3	☐			180.00		P	10.3
4	☐			182.23		P	18.8
5	☐			157.78		P	14.1
6	☐			151.12		P	4.6
7	☐			162.22		P	26.2
8	☐			171.11		P	14.6

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	562.47	0.0000	P	5.6
2	☐	5.000	5.280	1855.76	0.0001	P	0.8
3	☐	50.000	55.098	13846.25	0.0009	P	1.8
4	☐	125.000	131.550	31013.03	0.0021	P	1.1
5	☐	250.000	244.689	55483.86	0.0040	P	0.9
6	☐	500.000	515.303	111719.77	0.0083	P	0.9
7	☐	1000.000	992.601	211891.25	0.0159	P	0.7
8	☐			664.34	0.0001	P	14.7

y = 1.6025E-005 * x + 3.7800E-005

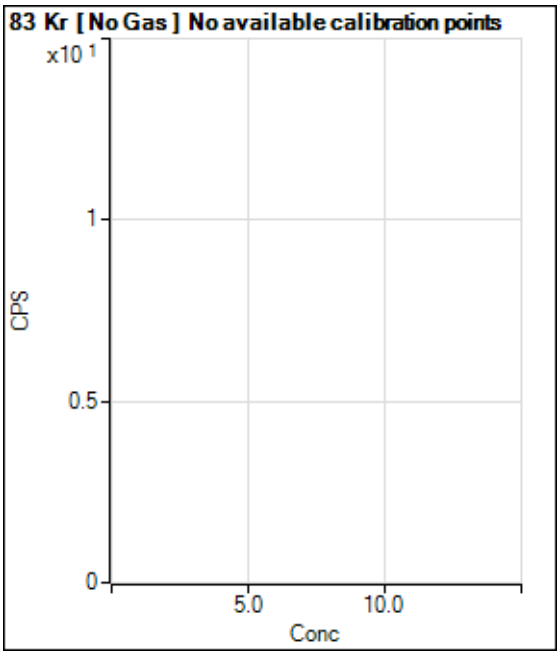
R = 0.9998

DL = 0.3938

BEC = 2.359

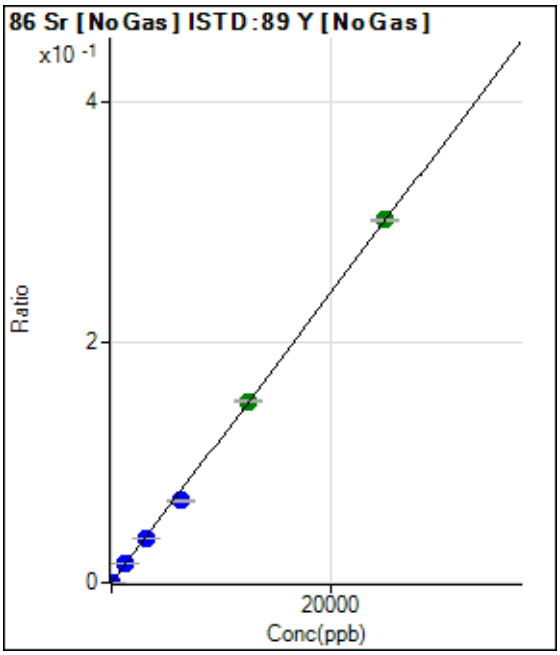
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			243.34		P	3.6
2	☐			230.00		P	9.1
3	☐			281.12		P	3.0
4	☐			205.56		P	13.2
5	☐			218.89		P	16.0
6	☐			207.78		P	2.5
7	☐			203.34		P	9.1
8	☐			234.45		P	14.4

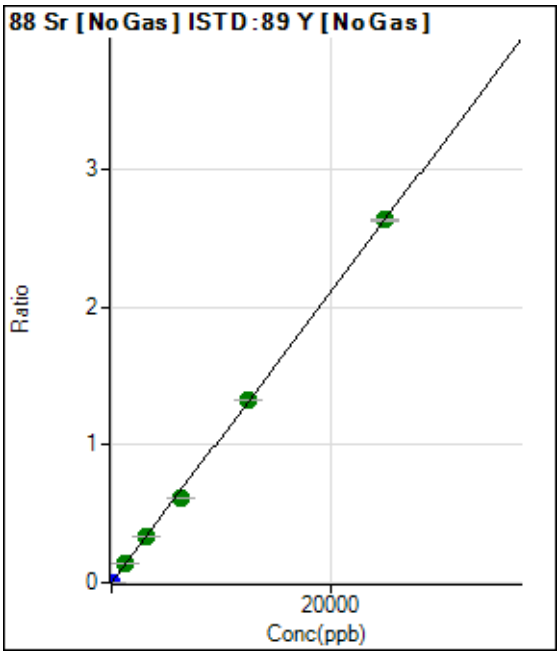
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	421.12	0.0000	P	11.8
2	☐	1.000	27.090	5373.24	0.0004	P	2.3
3	☐	1250.000	1289.454	233916.59	0.0156	P	1.0
4	☐	3125.000	3080.405	536416.64	0.0371	P	1.2
5	☐	6250.000	5676.077	958221.13	0.0684	P	0.7
6	☐	12500.000	12560.171	2037169.38	0.1513	A	1.1
7	☐	25000.000	25116.996	4019373.83	0.3024	A	0.3
8	☐			12206.24	0.0009	P	2.4

y = 1.2040E-005 * x + 2.8317E-005
R = 0.9997
DL = 0.8357
BEC = 2.352

Weight: <None>
Min Conc: 0

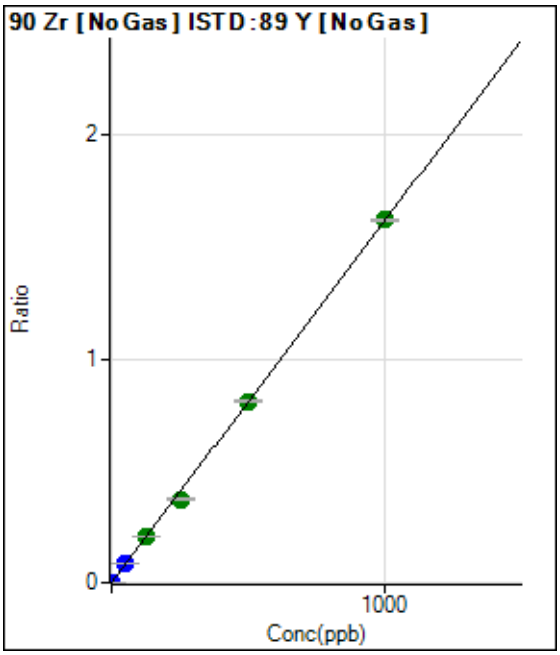


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.89	0.0000	P	14.1
2	☐	1.000	26.898	43010.55	0.0028	P	1.3
3	☐	1250.000	1315.245	2080392.97	0.1383	A	1.4
4	☐	3125.000	3170.141	4818669.03	0.3334	A	0.9
5	☐	6250.000	5815.768	8572209.39	0.6116	A	1.2
6	☐	12500.000	12626.687	17885057.65	1.3279	A	0.6
7	☐	25000.000	25036.309	34992583.09	2.6330	A	0.5
8	☐			103083.33	0.0079	P	1.2

y = 1.0517E-004 * x + 7.9962E-006
R = 0.9998
DL = 0.03215
BEC = 0.07603

Weight: <None>
Min Conc: 0

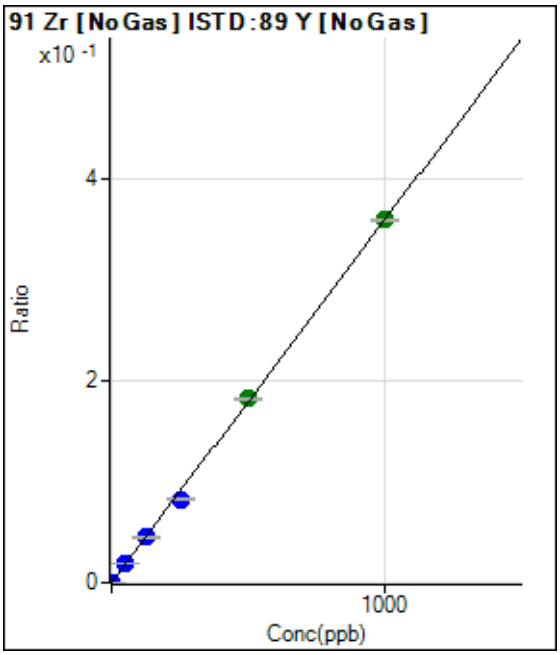
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	670.03	0.0000	P	3.4
2	☐	1.000	1.050	26400.43	0.0017	P	1.2
3	☐	50.000	51.314	1247279.04	0.0829	P	1.0
4	☐	125.000	126.806	2961033.50	0.2049	A	1.2
5	☐	250.000	231.174	5233922.77	0.3735	A	1.4
6	☐	500.000	501.994	10921460.39	0.8109	A	0.7
7	☐	1000.000	1003.418	21541075.51	1.6209	A	0.3
8	☐			14245.89	0.0011	P	3.2

y = 0.0016 * x + 4.5011E-005
R = 0.9998
DL = 0.002852
BEC = 0.02787

Weight: <None>
Min Conc: 0

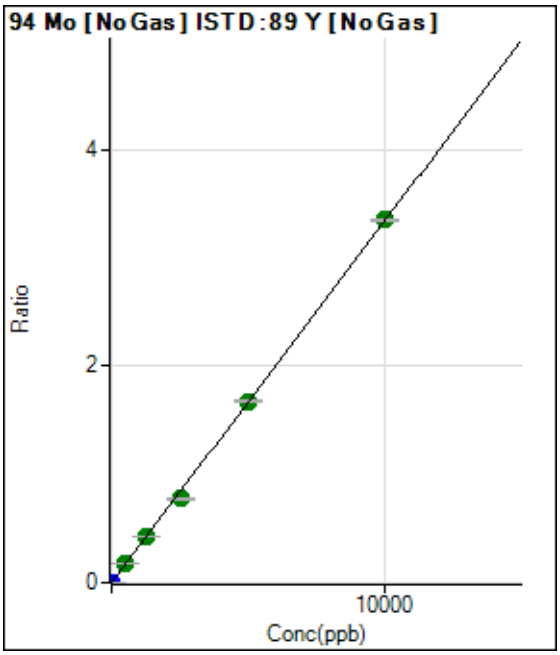


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	18.0
2	☐	1.000	1.059	5880.11	0.0004	P	5.7
3	☐	50.000	51.643	278358.73	0.0185	P	1.2
4	☐	125.000	125.097	647801.28	0.0448	P	0.9
5	☐	250.000	229.950	1154640.51	0.0824	P	0.8
6	☐	500.000	507.343	2447934.68	0.1818	A	0.4
7	☐	1000.000	1001.247	4766904.93	0.3587	A	0.4
8	☐			3175.93	0.0002	P	2.1

y = 3.5823E-004 * x + 8.5078E-006
R = 0.9997
DL = 0.01283
BEC = 0.02375

Weight: <None>
Min Conc: 0

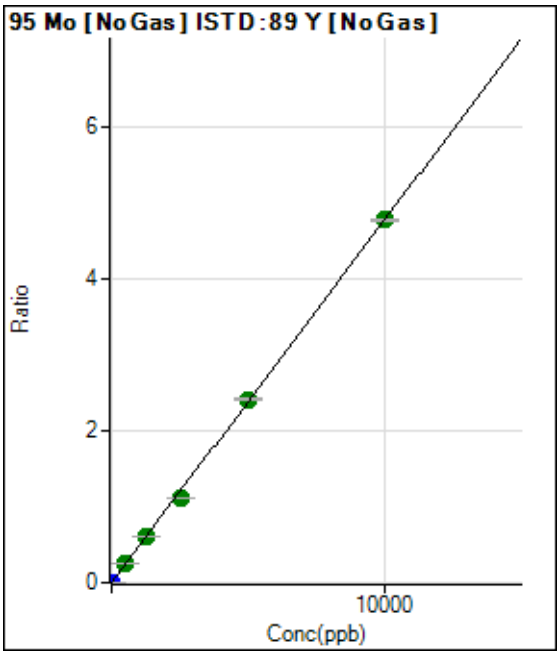
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	278.90	0.0000	P	2.1
2	☐	5.000	6.174	31498.31	0.0021	P	2.2
3	☐	500.000	527.508	2646044.20	0.1759	A	1.5
4	☐	1250.000	1260.066	6074236.51	0.4203	A	0.5
5	☐	2500.000	2315.123	10822441.65	0.7721	A	0.3
6	☐	5000.000	5014.162	22522506.05	1.6723	A	0.7
7	☐	10000.000	10036.504	44484862.11	3.3473	A	0.4
8	☐			13310.58	0.0010	P	4.7

y = 3.3351E-004 * x + 1.8737E-005
R = 0.9998
DL = 0.003457
BEC = 0.05618

Weight: <None>
Min Conc: 0

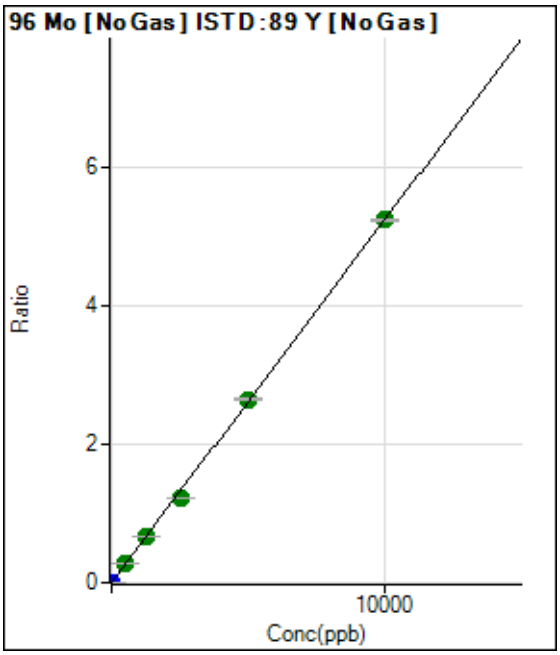


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	7.3
2	☐	5.000	5.306	38566.39	0.0025	P	3.0
3	☐	500.000	529.016	3800999.39	0.2527	A	1.2
4	☐	1250.000	1270.219	8770638.55	0.6068	A	0.6
5	☐	2500.000	2342.702	15686874.35	1.1192	A	0.2
6	☐	5000.000	5059.906	32555679.52	2.4173	A	1.0
7	☐	10000.000	10005.393	63523368.50	4.7799	A	0.3
8	☐			13347.31	0.0010	P	7.4

y = 4.7773E-004 * x + 9.7086E-006
R = 0.9998
DL = 0.004432
BEC = 0.02032

Weight: <None>
Min Conc: 0

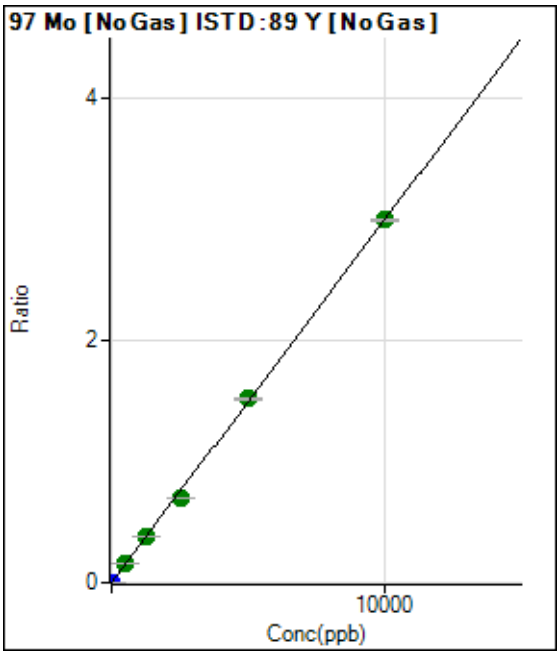
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	223.34	0.0000	P	12.6
2	☐	5.000	5.382	43013.28	0.0028	P	1.9
3	☐	500.000	527.951	4164019.73	0.2769	A	1.1
4	☐	1250.000	1267.181	9604641.52	0.6645	A	0.6
5	☐	2500.000	2336.148	17171919.05	1.2251	A	0.7
6	☐	5000.000	5061.234	35746376.97	2.6542	A	0.6
7	☐	10000.000	10006.801	69739942.85	5.2476	A	0.6
8	☐			25097.18	0.0019	P	3.4

y = 5.2441E-004 * x + 1.5016E-005
R = 0.9998
DL = 0.01081
BEC = 0.02863

Weight: <None>
Min Conc: 0

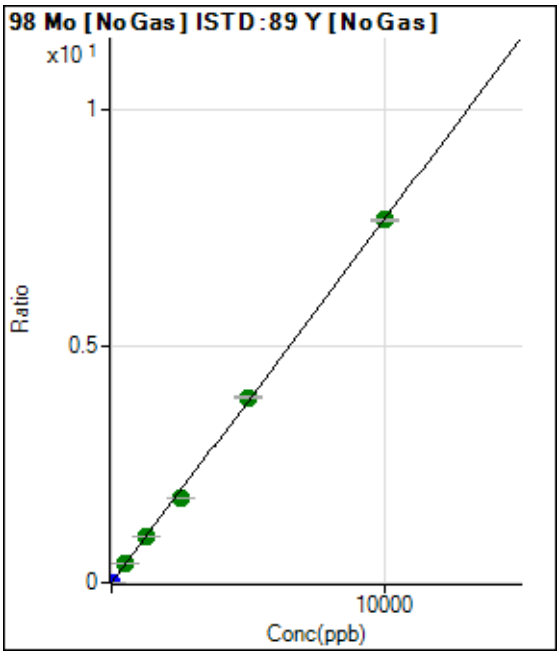


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	12.1
2	☐	5.000	5.370	24465.10	0.0016	P	3.5
3	☐	500.000	529.877	2385946.86	0.1586	A	1.1
4	☐	1250.000	1262.476	5463417.97	0.3780	A	0.1
5	☐	2500.000	2328.892	9772579.92	0.6973	A	0.6
6	☐	5000.000	5071.028	20446835.11	1.5182	A	1.3
7	☐	10000.000	10004.209	39805274.13	2.9952	A	0.7
8	☐			8318.00	0.0006	P	10.1

y = 2.9939E-004 * x + 6.5752E-006
R = 0.9998
DL = 0.007962
BEC = 0.02196

Weight: <None>
Min Conc: 0

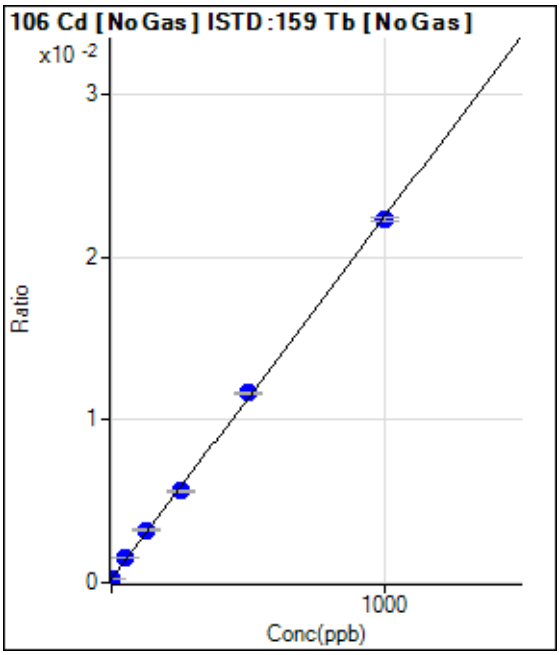
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	271.12	0.0000	P	9.5
2	☐	5.000	5.254	61555.01	0.0041	P	2.2
3	☐	500.000	525.864	6085104.70	0.4046	A	0.9
4	☐	1250.000	1269.979	14122283.82	0.9771	A	0.9
5	☐	2500.000	2332.635	25152849.90	1.7947	A	1.0
6	☐	5000.000	5106.916	52916972.54	3.9292	A	0.9
7	☐	10000.000	9984.593	102090982.92	7.6819	A	0.7
8	☐			20695.97	0.0016	P	9.4

y = 7.6938E-004 * x + 1.8225E-005
R = 0.9997
DL = 0.006784
BEC = 0.02369

Weight: <None>
Min Conc: 0

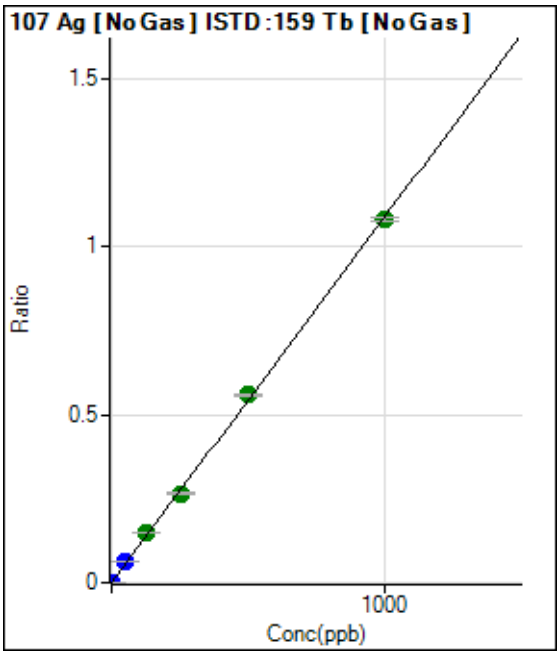


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3650.49	0.0002	P	3.1
2	☐	1.000	1.858	4377.36	0.0003	P	3.7
3	☐	50.000	58.664	24645.40	0.0015	P	3.2
4	☐	125.000	135.422	51197.65	0.0032	P	1.1
5	☐	250.000	244.076	88690.82	0.0057	P	2.2
6	☐	500.000	514.707	177180.66	0.0117	P	1.0
7	☐	1000.000	992.390	336058.53	0.0223	P	1.2
8	☐			3441.56	0.0002	P	4.9

y = 2.2249E-005 * x + 2.3373E-004
R = 0.9998
DL = 0.9866
BEC = 10.51

Weight: <None>
Min Conc: 0

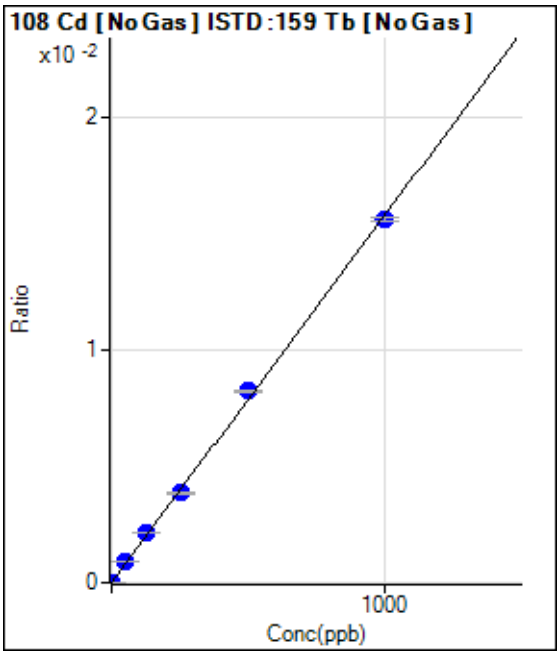
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.22	0.0000	P	19.6
2	☐	1.000	1.105	19199.45	0.0012	P	2.8
3	☐	50.000	56.410	982019.49	0.0613	P	1.9
4	☐	125.000	136.227	2334851.49	0.1481	A	0.6
5	☐	250.000	242.966	4135116.57	0.2641	A	1.9
6	☐	500.000	514.211	8473970.57	0.5589	A	0.6
7	☐	1000.000	992.929	16253079.20	1.0791	A	0.9
8	☐			3668.28	0.0003	P	11.1

y = 0.0011 * x + 5.9022E-006
R = 0.9998
DL = 0.003194
BEC = 0.005431

Weight: <None>
Min Conc: 0

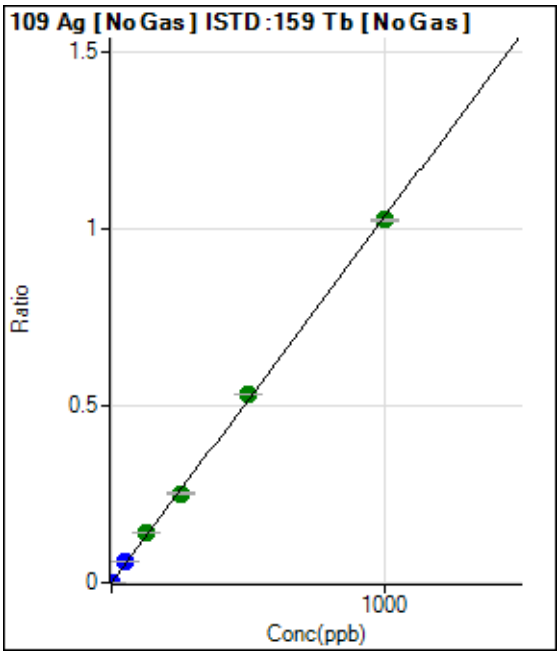


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	66.6
2	☐	1.000	1.272	328.90	0.0000	P	16.7
3	☐	50.000	57.667	14559.61	0.0009	P	1.7
4	☐	125.000	137.903	34266.05	0.0022	P	0.3
5	☐	250.000	243.988	60191.85	0.0038	P	1.7
6	☐	500.000	521.605	124592.58	0.0082	P	1.5
7	☐	1000.000	988.704	234581.23	0.0156	P	0.9
8	☐			125.56	0.0000	P	22.7

y = 1.5752E-005 * x + 6.3936E-007
R = 0.9996
DL = 0.08105
BEC = 0.04059

Weight: <None>
Min Conc: 0

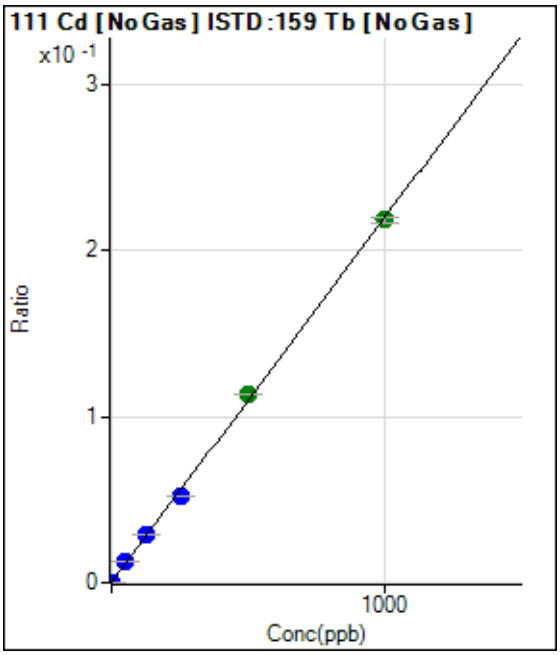
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	34.7
2	☐	1.000	1.110	18316.10	0.0012	P	1.9
3	☐	50.000	56.347	933630.04	0.0583	P	1.9
4	☐	125.000	135.066	2203399.86	0.1397	A	0.2
5	☐	250.000	244.164	3955138.86	0.2526	A	1.7
6	☐	500.000	515.165	8080737.17	0.5329	A	0.5
7	☐	1000.000	992.301	15460921.99	1.0265	A	0.6
8	☐			3328.20	0.0002	P	9.7

y = 0.0010 * x + 3.1331E-006
R = 0.9998
DL = 0.003155
BEC = 0.003029

Weight: <None>
Min Conc: 0

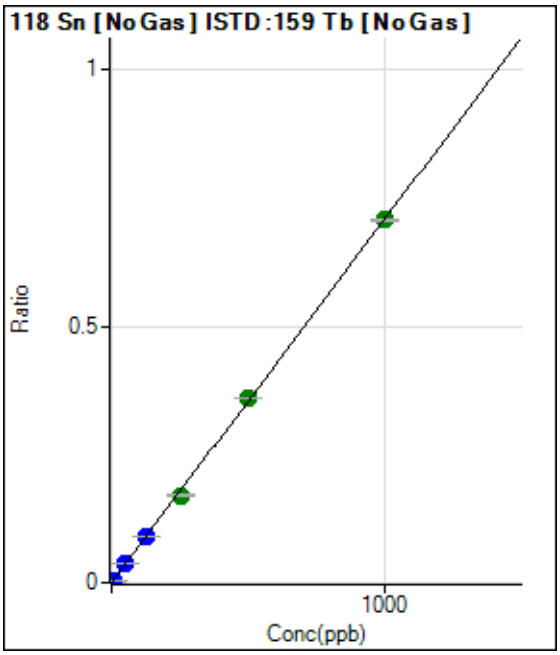


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2561.67	0.0002	P	3.4
2	☐	1.000	1.176	6720.04	0.0004	P	3.0
3	☐	50.000	56.123	199999.79	0.0125	P	1.3
4	☐	125.000	130.762	455323.90	0.0289	P	0.6
5	☐	250.000	236.515	815708.66	0.0521	P	1.5
6	☐	500.000	515.894	1720011.77	0.1134	A	0.2
7	☐	1000.000	994.398	3290676.81	0.2185	A	1.4
8	☐			3071.23	0.0002	P	5.2

y = 2.1956E-004 * x + 1.6401E-004
R = 0.9997
DL = 0.07615
BEC = 0.747

Weight: <None>
Min Conc: 0

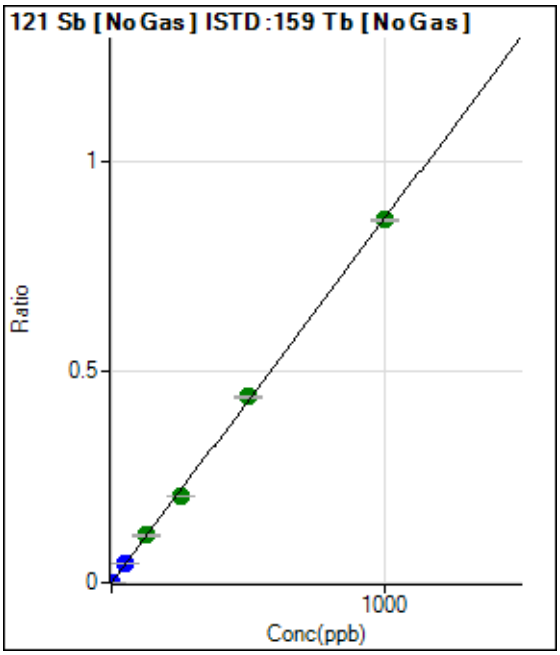
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1528.98	0.0001	P	4.9
2	☐	5.000	5.675	65531.35	0.0041	P	0.9
3	☐	50.000	53.811	612248.89	0.0382	P	1.9
4	☐	125.000	125.898	1408339.75	0.0893	P	0.7
5	☐	250.000	239.992	2664219.18	0.1701	A	1.8
6	☐	500.000	506.925	5448041.31	0.3593	A	0.5
7	☐	1000.000	998.733	10660108.73	0.7078	A	0.4
8	☐			4805.29	0.0003	P	0.9

y = 7.0857E-004 * x + 9.7899E-005
R = 0.9999
DL = 0.02049
BEC = 0.1382

Weight: <None>
Min Conc: 0

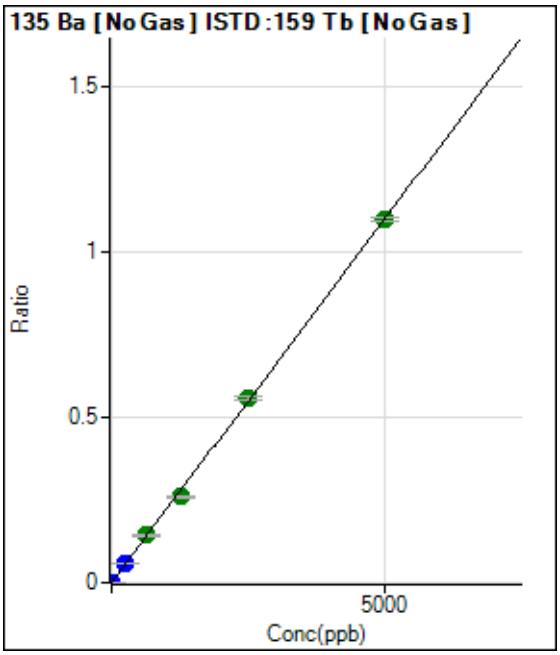


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	15.9
2	☐	2.000	2.152	29598.25	0.0019	P	2.1
3	☐	50.000	53.007	732665.26	0.0457	P	1.7
4	☐	125.000	129.518	1762515.93	0.1118	A	1.5
5	☐	250.000	237.357	3207175.72	0.2048	A	1.6
6	☐	500.000	511.515	6692710.18	0.4414	A	0.8
7	☐	1000.000	996.688	12953506.33	0.8601	A	0.7
8	☐			7006.23	0.0005	P	5.4

y = 8.6291E-004 * x + 3.9859E-006
R = 0.9998
DL = 0.002205
BEC = 0.004619

Weight: <None>
Min Conc: 0

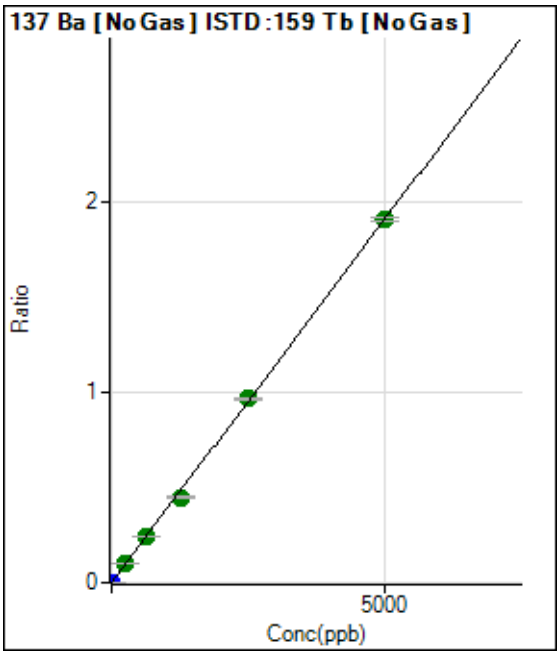
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	19.1
2	☐	10.000	10.832	37861.34	0.0024	P	1.2
3	☐	250.000	262.147	921856.63	0.0576	P	1.6
4	☐	625.000	649.418	2248365.68	0.1426	A	0.6
5	☐	1250.000	1181.000	4060298.76	0.2593	A	0.9
6	☐	2500.000	2541.559	8460593.97	0.5580	A	1.2
7	☐	5000.000	4992.809	16509346.14	1.0962	A	1.1
8	☐			7696.60	0.0005	P	6.1

y = 2.1955E-004 * x + 1.9208E-006
R = 0.9998
DL = 0.005007
BEC = 0.008749

Weight: <None>
Min Conc: 0

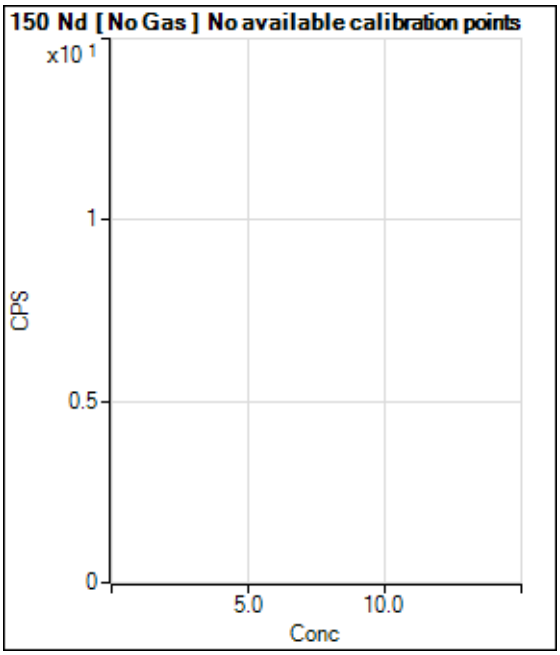


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0000	P	31.5
2	☐	10.000	10.687	64904.89	0.0041	P	0.5
3	☐	250.000	270.750	1654195.01	0.1033	A	0.9
4	☐	625.000	645.268	3881140.25	0.2461	A	0.1
5	☐	1250.000	1176.057	7023775.73	0.4486	A	1.8
6	☐	2500.000	2536.670	14670255.20	0.9675	A	1.0
7	☐	5000.000	4996.578	28702735.41	1.9058	A	1.2
8	☐			13625.52	0.0009	P	1.9

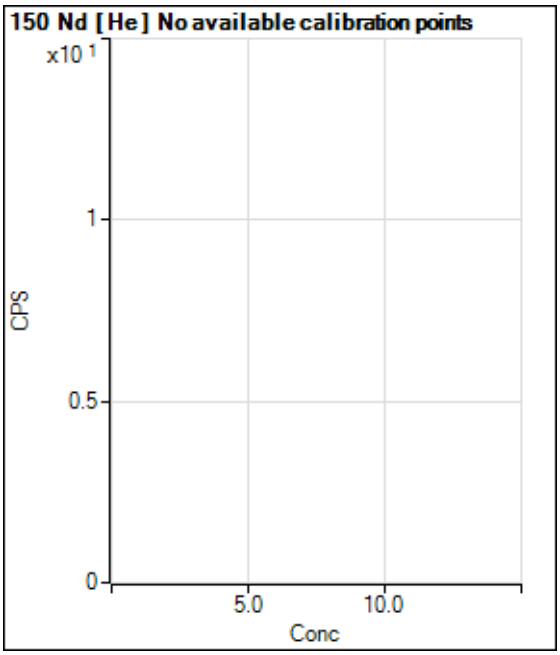
y = 3.8142E-004 * x + 3.6965E-006
R = 0.9998
DL = 0.009148
BEC = 0.009691

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

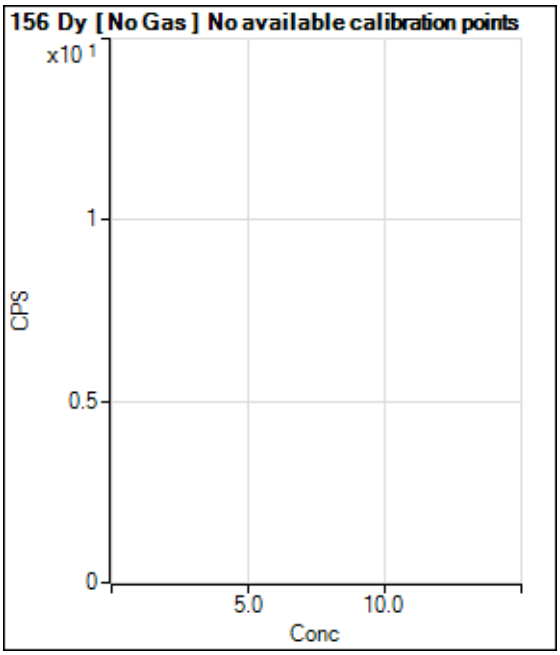


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7.78		P	49.5
2	☐			10.00		P	33.3
3	☐			61.11		P	50.7
4	☐			121.11		P	8.4
5	☐			237.78		P	3.5
6	☐			435.57		P	7.4
7	☐			825.59		P	14.5
8	☐			308.90		P	5.9

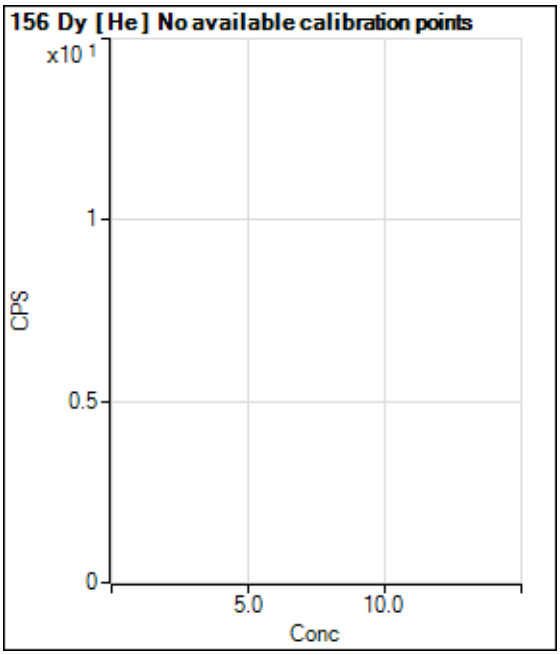


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐			5.56		P	34.7
3	☐			12.22		P	56.8
4	☐			38.89		P	47.2
5	☐			56.67		P	29.4
6	☐			96.66		P	11.9
7	☐			203.34		P	9.1
8	☐			161.11		P	15.5

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

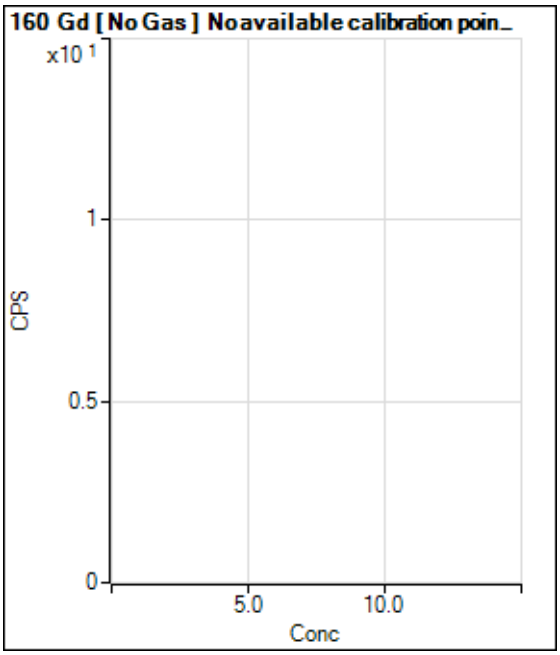


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	62.5
2	☐			13.33		P	90.1
3	☐			18.89		P	27.0
4	☐			53.33		P	6.3
5	☐			80.00		P	16.7
6	☐			141.11		P	3.6
7	☐			266.67		P	2.5
8	☐			484.46		P	11.0

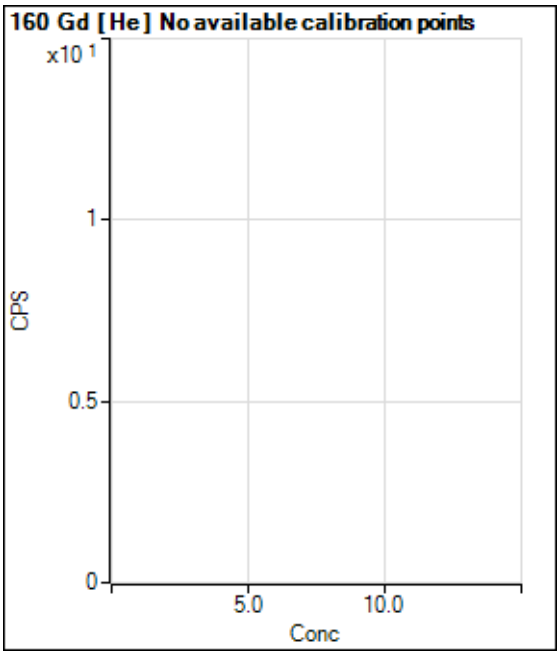


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	43.4
2	☐			8.89		P	57.3
3	☐			47.78		P	46.5
4	☐			115.56		P	15.9
5	☐			217.78		P	3.2
6	☐			421.12		P	9.4
7	☐			781.14		P	9.9
8	☐			398.90		P	7.0

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

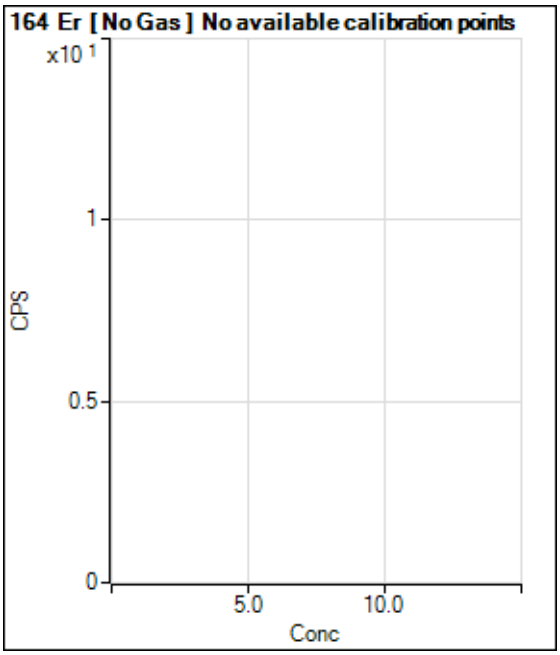


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			57.78		P	6.7
2	☐			50.00		P	50.3
3	☐			44.44		P	22.9
4	☐			76.67		P	21.7
5	☐			83.33		P	13.9
6	☐			117.78		P	23.0
7	☐			161.11		P	11.4
8	☐			454.46		P	4.5

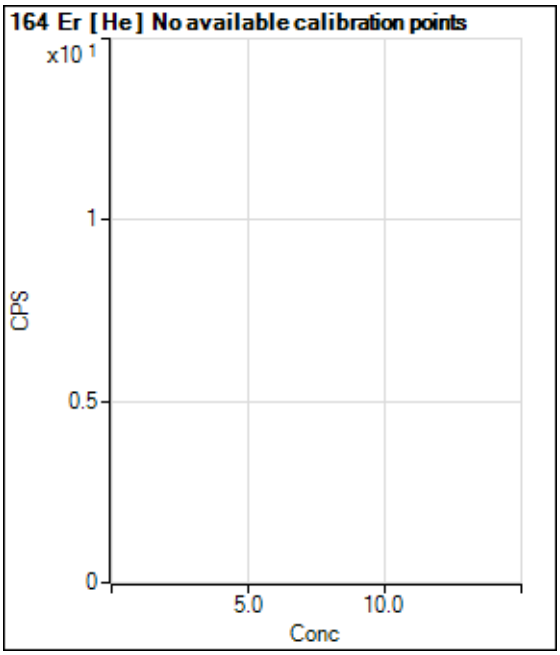


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			613.35		P	7.1
2	☐			648.91		P	3.9
3	☐			675.58		P	7.6
4	☐			645.58		P	4.7
5	☐			631.13		P	6.5
6	☐			606.69		P	1.5
7	☐			692.24		P	4.8
8	☐			931.15		P	2.4

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

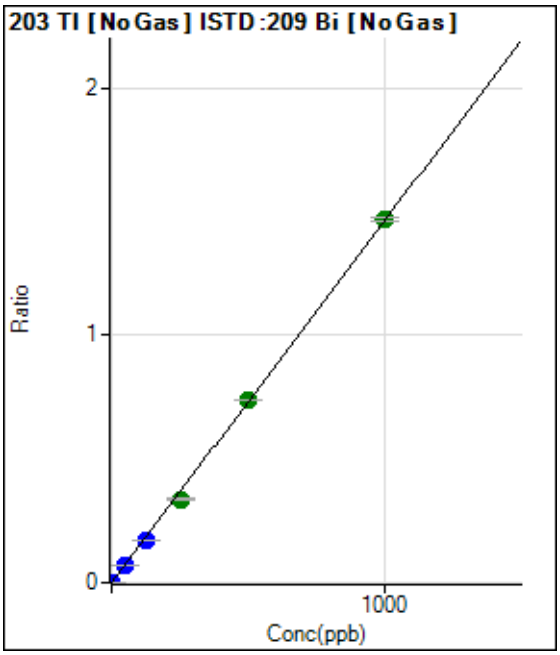


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			56.67		P	15.6
2	☐			64.44		P	7.9
3	☐			63.33		P	41.1
4	☐			76.67		P	4.4
5	☐			88.89		P	31.9
6	☐			138.89		P	8.4
7	☐			213.33		P	13.5
8	☐			544.46		P	1.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			34.44		P	22.3
2	☐			50.00		P	20.0
3	☐			48.89		P	20.8
4	☐			47.78		P	26.4
5	☐			66.67		P	26.5
6	☐			103.33		P	3.2
7	☐			123.34		P	18.7
8	☐			404.46		P	8.1

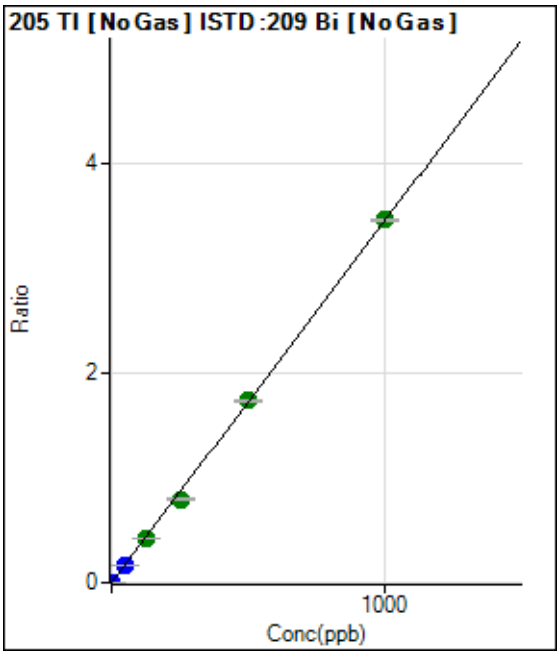
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	232.23	0.0000	P	7.7
2	☐	1.000	0.987	13886.04	0.0015	P	1.6
3	☐	50.000	48.577	671646.04	0.0710	P	2.1
4	☐	125.000	115.389	1583913.21	0.1687	P	0.2
5	☐	250.000	230.569	3115287.35	0.3370	A	1.3
6	☐	500.000	505.621	6657092.19	0.7390	A	0.7
7	☐	1000.000	1003.320	12888472.17	1.4663	A	1.1
8	☐			2169.08	0.0003	P	10.0

y = 0.0015 * x + 2.5149E-005
R = 0.9998
DL = 0.003961
BEC = 0.01721

Weight: <None>
Min Conc: 0

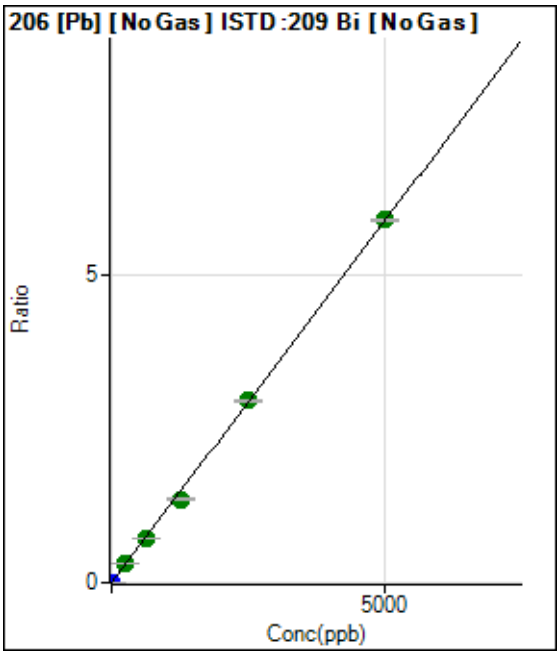


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	521.13	0.0001	P	11.4
2	☐	1.000	0.979	32502.15	0.0034	P	0.9
3	☐	50.000	48.203	1574797.25	0.1665	P	1.8
4	☐	125.000	122.684	3979221.71	0.4237	A	0.7
5	☐	250.000	230.129	7347102.32	0.7947	A	1.2
6	☐	500.000	503.419	15660537.54	1.7385	A	0.8
7	☐	1000.000	1003.637	30464706.49	3.4659	A	0.7
8	☐			5153.25	0.0007	P	11.4

y = 0.0035 * x + 5.6431E-005
R = 0.9998
DL = 0.005588
BEC = 0.01634

Weight: <None>
Min Conc: 0

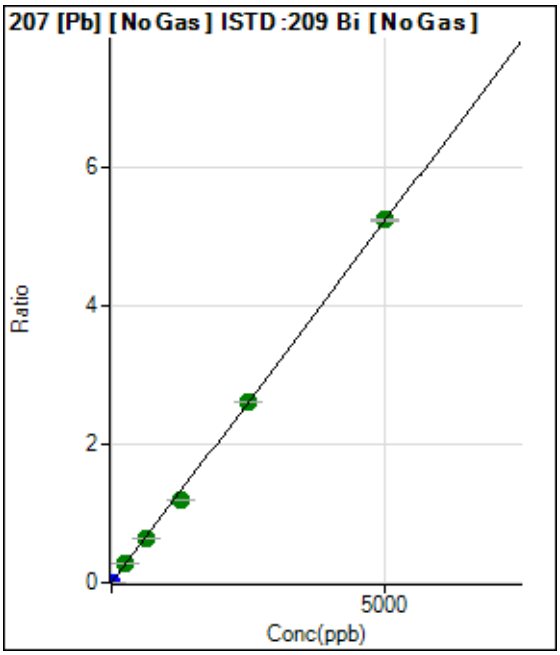
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	648.91	0.0001	P	6.9
2	☐	1.000	0.967	11395.97	0.0012	P	1.3
3	☐	250.000	259.405	2878255.75	0.3043	A	1.3
4	☐	625.000	615.797	6783431.15	0.7223	A	0.5
5	☐	1250.000	1151.319	12484408.28	1.3504	A	1.3
6	☐	2500.000	2513.727	26558719.88	2.9484	A	1.3
7	☐	5000.000	5018.487	51737294.23	5.8861	A	0.7
8	☐			14811.52	0.0019	P	3.5

y = 0.0012 * x + 7.0249E-005
R = 0.9998
DL = 0.01245
BEC = 0.05989

Weight: <None>
Min Conc: 0

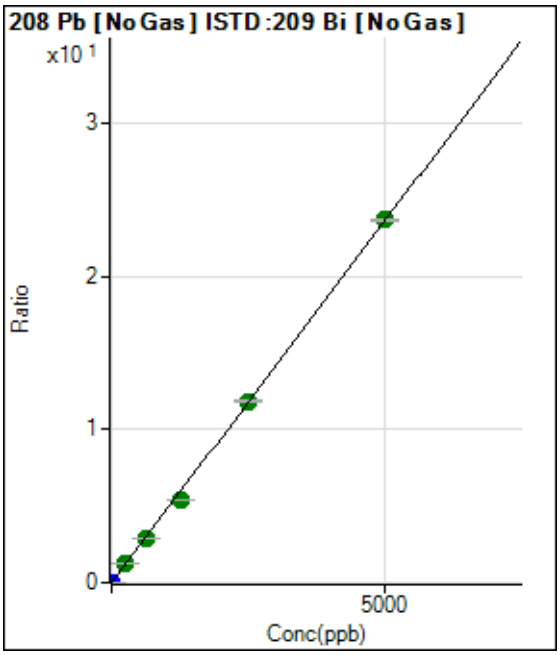


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	573.35	0.0001	P	9.2
2	☐	1.000	0.969	10157.20	0.0011	P	1.6
3	☐	250.000	260.891	2577404.77	0.2725	A	1.2
4	☐	625.000	617.436	6055667.48	0.6448	A	0.5
5	☐	1250.000	1147.368	11077354.28	1.1982	A	0.7
6	☐	2500.000	2503.730	23553467.71	2.6147	A	0.8
7	☐	5000.000	5024.194	46118755.98	5.2468	A	0.8
8	☐			12812.81	0.0016	P	5.0

y = 0.0010 * x + 6.2090E-005
R = 0.9998
DL = 0.01633
BEC = 0.05946

Weight: <None>
Min Conc: 0

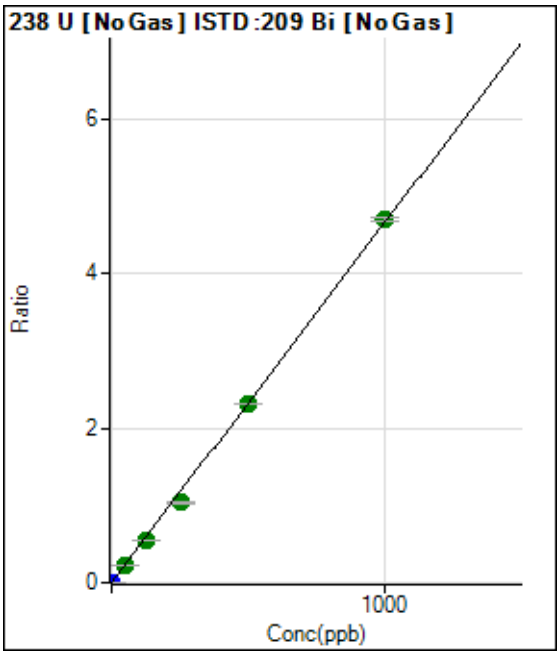
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2717.91	0.0003	P	6.6
2	☐	1.000	0.969	46017.48	0.0049	P	1.3
3	☐	250.000	259.927	11597743.56	1.2262	A	1.1
4	☐	625.000	619.048	27421145.22	2.9200	A	0.2
5	☐	1250.000	1147.237	50024873.28	5.4111	A	0.7
6	☐	2500.000	2510.933	106682535.64	11.8428	A	0.7
7	☐	5000.000	5020.472	208133788.57	23.6788	A	0.6
8	☐			58415.96	0.0075	P	4.4

y = 0.0047 * x + 2.9425E-004
R = 0.9997
DL = 0.01237
BEC = 0.06239

Weight: <None>
Min Conc: 0

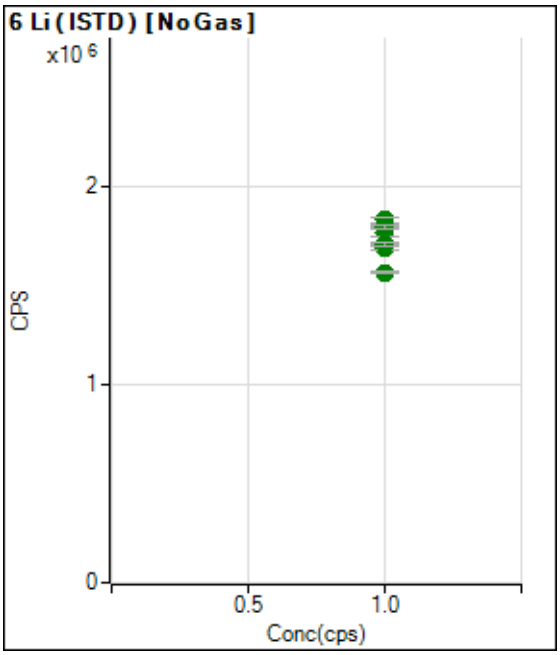


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	17.3
2	☐	1.000	0.915	40360.88	0.0043	P	1.4
3	☐	50.000	49.516	2183150.44	0.2308	A	1.8
4	☐	125.000	118.578	5191140.62	0.5528	A	0.7
5	☐	250.000	222.519	9589731.73	1.0373	A	0.7
6	☐	500.000	498.250	20923791.77	2.3227	A	0.6
7	☐	1000.000	1008.573	41325973.83	4.7017	A	1.2
8	☐			5740.19	0.0007	P	10.5

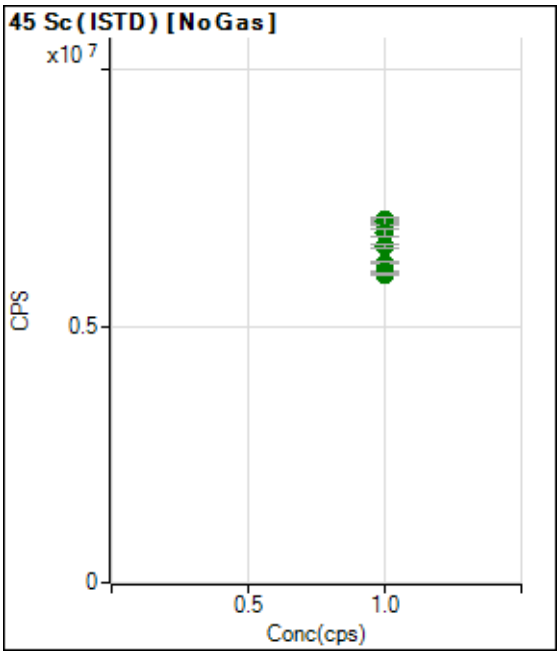
y = 0.0047 * x + 2.1667E-006
R = 0.9996
DL = 0.0002406
BEC = 0.0004648

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

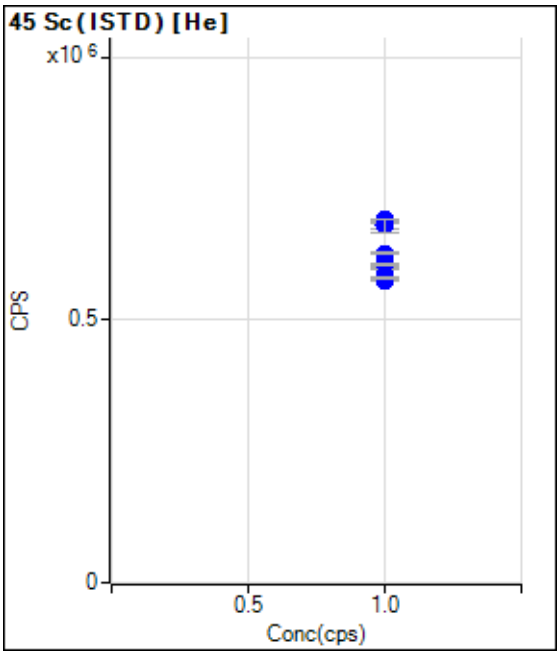


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1688983.51		A	1.5
2	☐	1.000		1758424.49		A	2.2
3	☐	1.000		1789270.11		A	0.4
4	☐	1.000		1794448.53		A	1.2
5	☐	1.000		1827526.20		A	1.4
6	☐	1.000		1790898.65		A	1.4
7	☐	1.000		1704033.10		A	0.7
8	☐	1.000		1562576.17		A	0.5

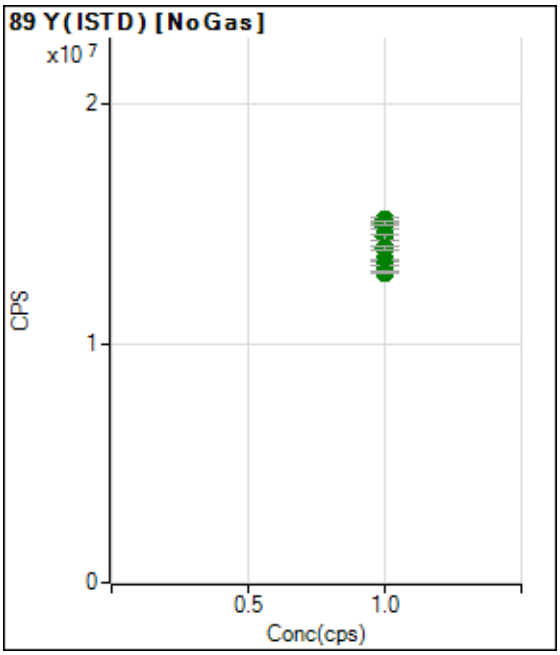


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6993808.16		A	0.4
2	☐	1.000		7072277.12		A	0.7
3	☐	1.000		7042735.52		A	2.1
4	☐	1.000		6819744.83		A	2.1
5	☐	1.000		6552656.71		A	1.0
6	☐	1.000		6241242.27		A	0.8
7	☐	1.000		6061227.83		A	0.5
8	☐	1.000		6005718.24		A	0.4

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

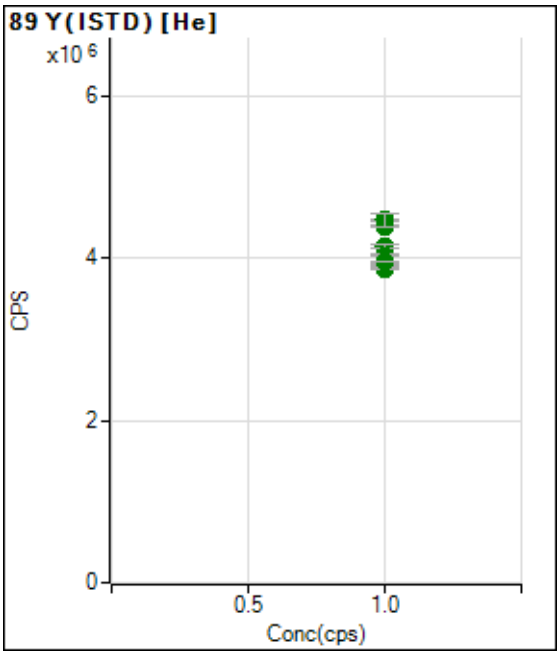


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1	☐	1.000		679409.82		P	1.3
2	☐	1.000		690699.33		P	0.4
3	☐	1.000		680911.37		P	3.8
4	☐	1.000		627798.70		P	0.4
5	☐	1.000		598257.05		P	0.9
6	☐	1.000		576530.90		P	0.7
7	☐	1.000		578553.15		P	0.6
8	☐	1.000		605967.68		P	0.6

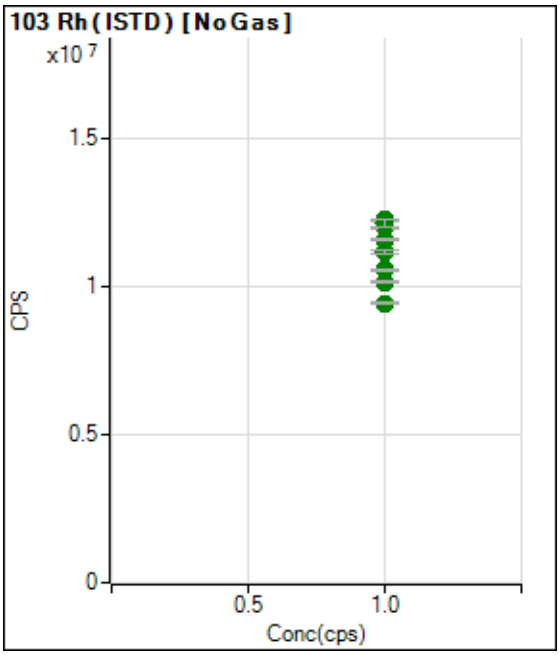


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14883198.53		A	1.1
2	☐	1.000		15161071.86		A	1.3
3	☐	1.000		15040654.22		A	1.2
4	☐	1.000		14454016.17		A	1.7
5	☐	1.000		14016095.21		A	1.2
6	☐	1.000		13468478.69		A	0.9
7	☐	1.000		13289754.25		A	0.0
8	☐	1.000		12969876.33		A	1.0

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

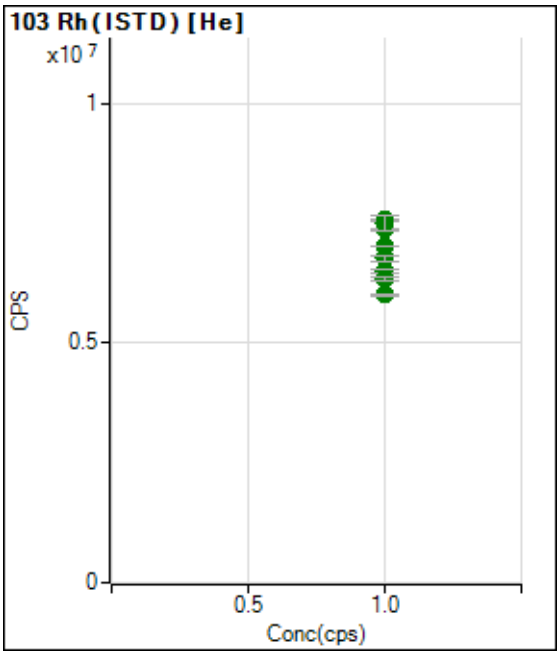


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1	☐	1.000		4386379.10		A	0.8
2	☐	1.000		4458395.91		A	0.4
3	☐	1.000		4465492.75		A	3.7
4	☐	1.000		4151021.67		A	1.0
5	☐	1.000		4028463.24		A	0.8
6	☐	1.000		3921755.81		A	0.6
7	☐	1.000		3867774.39		A	0.9
8	☐	1.000		3957174.59		A	0.3

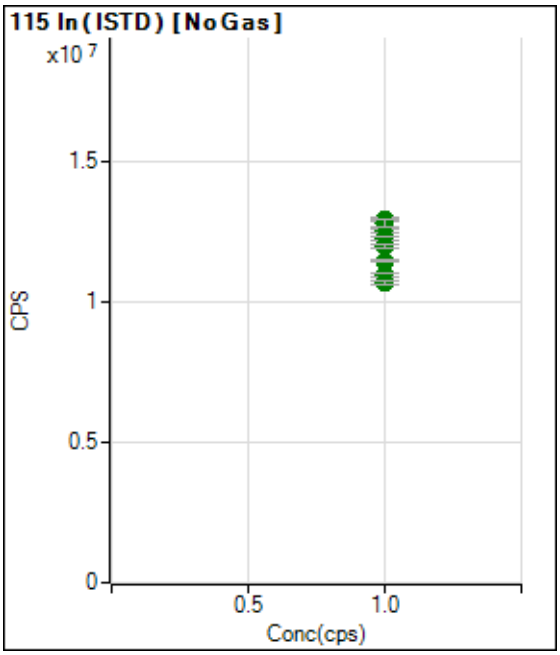


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12001498.99		A	0.7
2	☐	1.000		12247947.88		A	0.8
3	☐	1.000		12124536.35		A	1.9
4	☐	1.000		11585396.08		A	0.8
5	☐	1.000		11144999.14		A	1.2
6	☐	1.000		10567049.36		A	0.8
7	☐	1.000		10152677.35		A	0.3
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Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

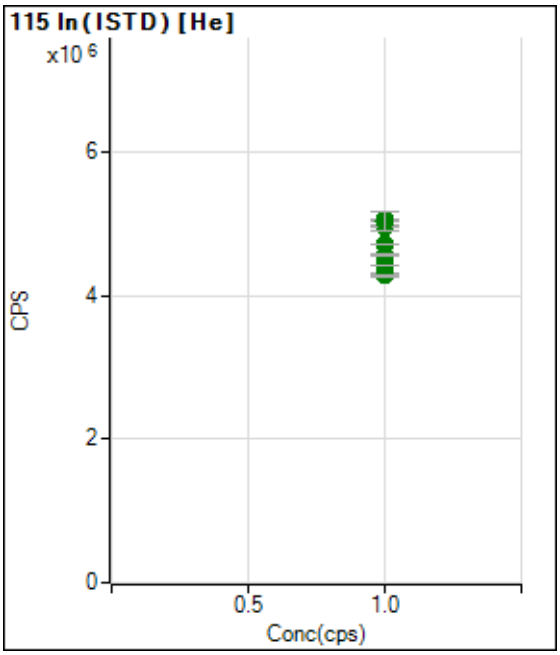


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1	☐	1.000		7361875.93		A	0.4
2	☐	1.000		7568667.25		A	0.7
3	☐	1.000		7507487.94		A	4.6
4	☐	1.000		7027702.19		A	0.1
5	☐	1.000		6769855.18		A	2.0
6	☐	1.000		6494556.50		A	0.8
7	☐	1.000		6335124.98		A	1.0
8	☐	1.000		6002828.73		A	0.2

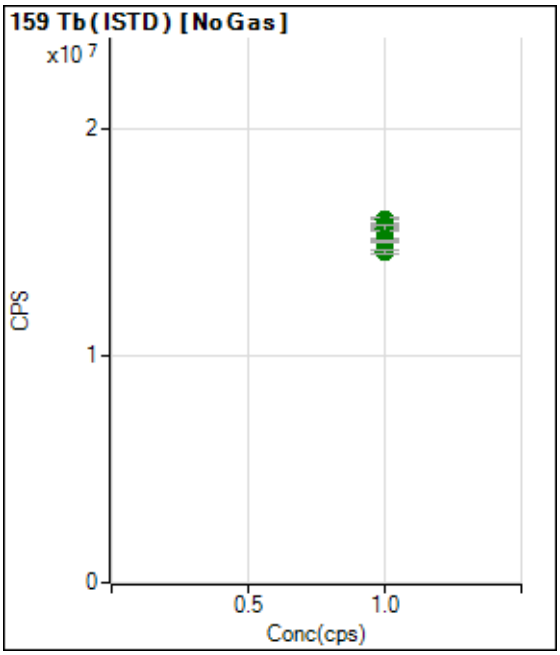


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12520361.47		A	1.1
2	☐	1.000		12918794.16		A	1.0
3	☐	1.000		12773973.67		A	2.1
4	☐	1.000		12249973.15		A	1.1
5	☐	1.000		11966731.73		A	0.9
6	☐	1.000		11445779.50		A	0.4
7	☐	1.000		10964169.51		A	0.9
8	☐	1.000		10695788.05		A	1.3

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

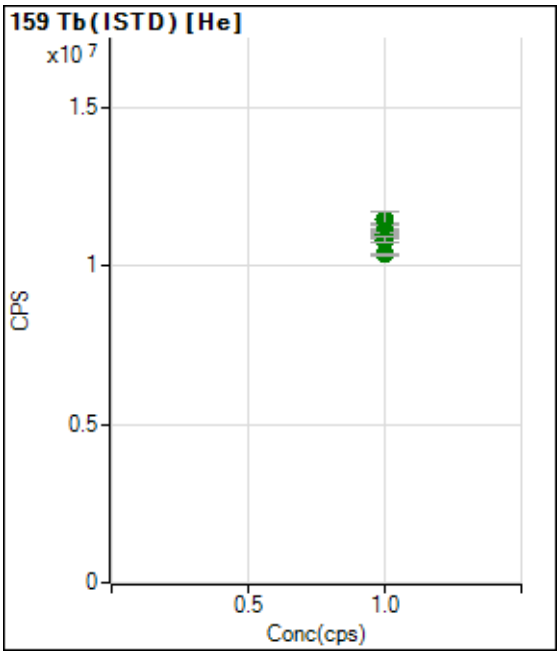


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4972732.79		A	0.3
2	☐	1.000		5063178.65		A	0.8
3	☐	1.000		5044565.50		A	5.3
4	☐	1.000		4724846.45		A	0.3
5	☐	1.000		4567016.27		A	0.6
6	☐	1.000		4427695.76		A	0.3
7	☐	1.000		4295846.64		A	0.8
8	☐	1.000		4291402.98		A	0.5

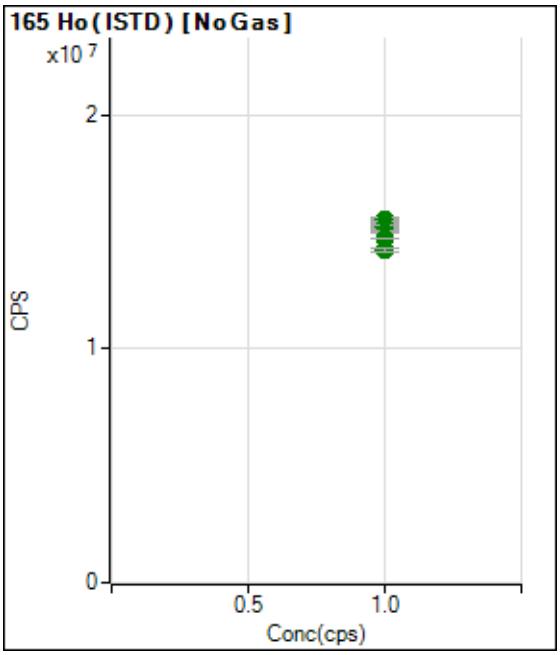


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15617675.74		A	0.4
2	☐	1.000		15909370.04		A	1.3
3	☐	1.000		16019253.23		A	1.5
4	☐	1.000		15769331.02		A	0.7
5	☐	1.000		15660562.41		A	1.4
6	☐	1.000		15163097.13		A	0.6
7	☐	1.000		15061770.05		A	0.7
8	☐	1.000		14602315.76		A	1.6

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On:12/23/2024 4:14:06 AM
Inst Id :P7

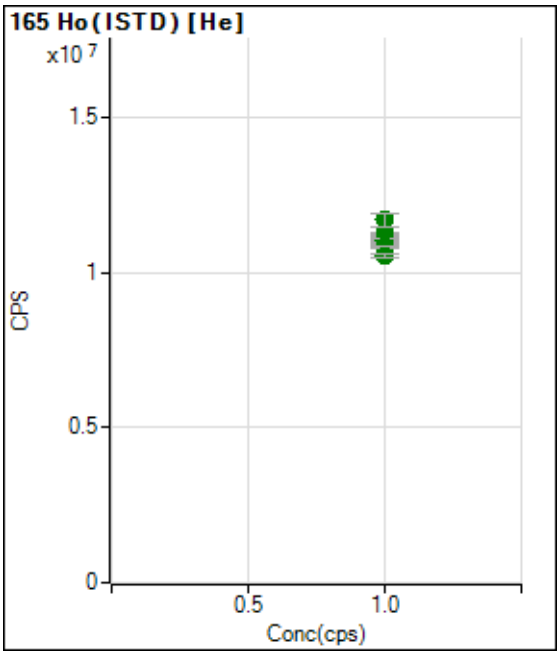


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11031424.84		A	0.9
2	☐	1.000		11293670.67		A	0.7
3	☐	1.000		11439511.77		A	4.8
4	☐	1.000		11087743.31		A	0.7
5	☐	1.000		10973791.92		A	0.8
6	☐	1.000		10807439.98		A	0.9
7	☐	1.000		10811533.73		A	1.4
8	☐	1.000		10350314.29		A	0.4

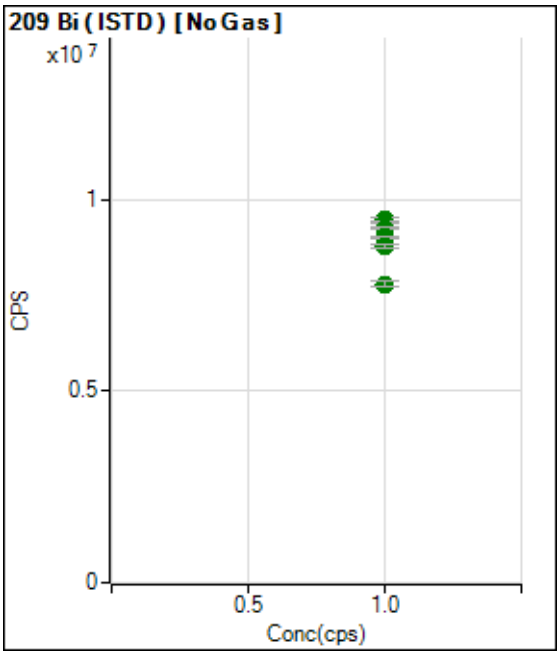


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15123999.36		A	0.8
2	☐	1.000		15491286.30		A	0.8
3	☐	1.000		15510603.38		A	1.4
4	☐	1.000		15413096.16		A	0.7
5	☐	1.000		15220127.55		A	1.1
6	☐	1.000		14980830.06		A	0.6
7	☐	1.000		14718999.64		A	0.3
8	☐	1.000		14209420.07		A	0.8

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

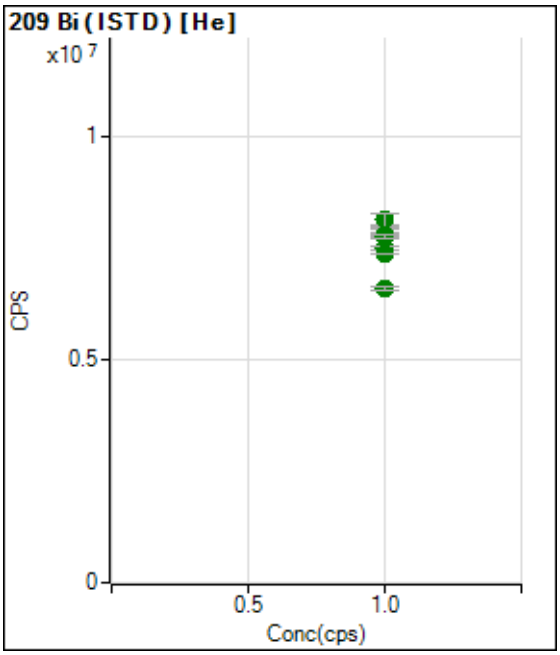


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11138968.31		A	1.1
2	☐	1.000		11268069.14		A	0.9
3	☐	1.000		11709142.46		A	3.7
4	☐	1.000		11174514.41		A	0.2
5	☐	1.000		11029896.09		A	1.2
6	☐	1.000		10880689.98		A	0.7
7	☐	1.000		10840124.01		A	0.8
8	☐	1.000		10562687.34		A	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9237177.16		A	0.6
2	☐	1.000		9460587.08		A	1.1
3	☐	1.000		9459199.51		A	1.5
4	☐	1.000		9391012.57		A	0.6
5	☐	1.000		9244724.93		A	0.5
6	☐	1.000		9008453.34		A	0.6
7	☐	1.000		8790086.81		A	1.0
8	☐	1.000		7796098.71		A	1.9

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7784832.66		A	0.9
2	☐	1.000		7957821.90		A	0.9
3	☐	1.000		8115229.95		A	3.8
4	☐	1.000		7777714.74		A	0.6
5	☐	1.000		7748113.22		A	1.2
6	☐	1.000		7484230.93		A	0.7
7	☐	1.000		7364541.21		A	0.2
8	☐	1.000		6585055.46		A	0.9

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7
ClientSampleId :TUNE004

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7122024MS1.b
Acq. Date-Time	2024-12-20 12:30:51
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		9920	99196.75			0.405	5.000
24		73900	739002.07			0.740	5.000
25		9103	91034.08			0.287	5.000
26		10263	102629.50			0.302	5.000
59		112864	1128642.17			0.988	5.000
113		15119	151187.56			0.410	5.000
115		190720	1907197.70			0.654	5.000
206		38279	382786.06			0.518	5.000
207		32665	326648.85			0.419	5.000
208		78774	787740.42			0.685	5.000
220		0	1.80			75.052	

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	9859	9971	9919	9925	9924
24	73550	74035	73687	73437	74792
25	9069	9098	9115	9095	9140
26	10227	10268	10310	10245	10264
59	112720	114144	113390	111124	112942
113	15171	15154	15156	15088	15024
115	190128	191322	192616	189543	189990
206	38315	38475	38447	38144	38012
207	32619	32777	32769	32712	32447
208	78868	79157	79324	78561	77960

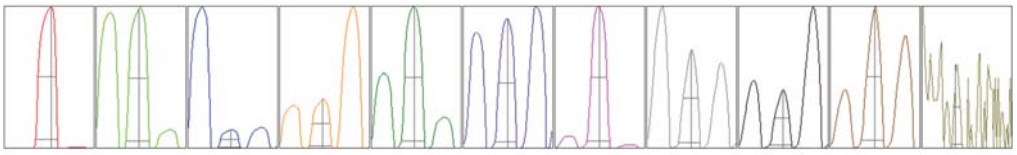
Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7
ClientSampleId :TUNE004

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	17324.90	9.10	8.90 - 9.10	
24	122253.01	23.95	23.90 - 24.10	
25	15536.48	24.95	24.90 - 25.10	
26	17802.16	25.95	25.90 - 26.10	
59	194431.14	58.95	58.90 - 59.10	
113	29279.57	113.00	112.90 - 113.10	
115	365674.65	115.00	114.90 - 115.10	
206	79533.51	206.00	205.90 - 206.10	
207	69141.19	207.00	206.90 - 207.10	
208	165730.98	208.00	207.90 - 208.10	
220	0.35	219.65	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.735	0.900	
24	0.63	0.784	0.900	
25	0.61	0.732	0.900	
26	0.60	0.741	0.900	
59	0.60	0.784	0.900	
113	0.53	0.728	0.900	
115	0.52	0.768	0.900	
206	0.50	0.734	0.900	
207	0.50	0.736	0.900	
208	0.49	0.761	0.900	
220	0.23	0.338		

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:12/23/2024 4:14:06 AM
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	7.7 V	Deflect	16.0 V
Extract 2	-125.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.4 mm		

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		38467	384670.37			0.578	
89		45750	457499.15			0.606	
205		43484	434843.11			0.675	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	38847	38456	38413	38331	38289
89	46153	45784	45782	45641	45389
205	43922	43533	43538	43183	43246

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	9.1 V	Deflect	3.4 V

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7
ClientSampleId :TUNE004

US EPA Tune Check Report

Extract 2	-150.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.4 mm

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:03:39	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.02	-0.05	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.00	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.11	0.37	-0.26	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Calcium	43-1	0.04	-0.67	0.63	0.00	N/A	ppb
Calcium	44-1	0.04	-0.03	-0.01	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	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	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	0.00	0.00	N/A	ppb
Iron	57-2	-0.35	0.57	-0.22	0.00	N/A	ppb
Iron	54-2	0.01	0.01	-0.01	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:03:39	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	0.00	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	0.04	0.02	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-17.58	-18.99	-17.09	-17.89		ppb
Potassium	39-2	-0.60	0.72	-0.12	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.07	-0.15	0.08	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.17	0.32	-0.15	0.00	N/A	ppb
Silicon	28-1	0.01	-0.11	0.10	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	-0.44	-0.02	0.46	0.00	N/A	ppb
Strontium	86-1	-0.24	-0.06	0.30	0.00	N/A	ppb
Strontium	88-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Sulfur	34-1	-63.75	-84.56	-70.05	-72.78		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	0.00	-0.01	0.01	0.00	N/A	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:03:39	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	0.00	0.01	-0.01	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:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:10:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.27	21.15	20.80	20.74	2.13	ppb
Antimony	121-1	2.11	2.14	2.20	2.15	2.11	ppb
Arsenic	75-2	1.20	1.12	1.26	1.19	5.85	ppb
Barium	135-1	10.70	10.85	10.95	10.83	1.17	ppb
Barium	137-1	10.63	10.72	10.71	10.69	0.47	ppb
Beryllium	9-1	1.08	1.14	1.17	1.13	4.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.23	1.51	1.08	1.27	17.22	ppb
Cadmium	106-1	2.31	1.86	1.40	1.86	24.47	ppb
Cadmium	111-1	1.24	1.12	1.17	1.18	4.93	ppb
Calcium	43-1	551.50	560.62	559.18	557.10	0.88	ppb
Calcium	44-1	553.69	557.61	558.82	556.70	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	2.22	2.18	2.18	1.79	ppb
Cobalt	59-2	1.14	1.13	1.17	1.15	1.82	ppb
Copper	63-2	2.10	2.12	2.09	2.10	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	57.18	57.38	57.44	57.33	0.24	ppb
Iron	57-2	60.19	60.81	57.39	59.46	3.06	ppb
Iron	54-2	58.75	58.17	59.52	58.81	1.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:10:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.95	0.98	0.97	1.43	ppb
Lead	207-1	0.95	0.97	0.99	0.97	1.75	ppb
Lead	208-1	0.97	0.96	0.98	0.97	1.38	ppb
Lithium	6-1				104		%
Magnesium	24-2	548.46	548.41	546.14	547.67	0.24	ppb
Manganese	55-2	1.10	1.09	1.07	1.08	1.25	ppb
Molybdenum	94-1	6.05	6.32	6.15	6.17	2.22	ppb
Molybdenum	95-1	5.19	5.49	5.24	5.31	3.05	ppb
Molybdenum	96-1	5.33	5.50	5.31	5.38	1.90	ppb
Molybdenum	97-1	5.22	5.58	5.31	5.37	3.55	ppb
Molybdenum	98-1	5.16	5.38	5.22	5.25	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.10	1.09	1.08	2.19	ppb
Phosphorus	31-2	13.88	25.16	14.63	17.89	35.25	ppb
Potassium	39-2	551.52	551.18	552.00	551.57	0.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	5.25	5.35	5.24	5.28	1.12	ppb
Selenium	77-2	5.94	4.76	6.61	5.77	16.24	ppb
Selenium	78-2	5.22	5.59	5.02	5.28	5.51	ppb
Silicon	28-1	0.90	1.68	1.67	1.42	31.81	ppb
Silver	107-1	1.07	1.13	1.11	1.11	2.83	ppb
Silver	109-1	1.09	1.13	1.11	1.11	1.88	ppb
Sodium	23-2	510.77	514.75	515.09	513.54	0.47	ppb
Strontium	86-1	26.40	27.74	27.13	27.09	2.49	ppb
Strontium	88-1	27.19	27.01	26.49	26.90	1.35	ppb
Sulfur	34-1	40.07	40.49	137.80	72.78	77.36	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.98	0.98	1.01	0.99	1.64	ppb
Thallium	205-1	0.97	0.99	0.97	0.98	0.90	ppb
Tin	118-1	5.62	5.68	5.72	5.68	0.90	ppb
Titanium	47-1	5.32	5.38	5.49	5.40	1.59	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:10:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.92	0.91	1.36	ppb
Vanadium	51-2	5.45	5.40	5.43	5.42	0.45	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5.40	5.69	5.23	5.44	4.25	ppb
Zirconium	90-1	1.04	1.06	1.05	1.05	1.27	ppb
Zirconium	91-1	1.00	1.12	1.07	1.06	5.78	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:13:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	964.82	1031.28	1024.87	1006.99	3.64	ppb
Antimony	121-1	52.01	53.78	53.24	53.01	1.71	ppb
Arsenic	75-2	50.91	54.67	55.59	53.72	4.61	ppb
Barium	135-1	257.58	266.11	262.75	262.15	1.64	ppb
Barium	137-1	267.92	272.57	271.76	270.75	0.92	ppb
Beryllium	9-1	54.35	54.96	54.80	54.71	0.58	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	56.53	58.40	58.08	57.67	1.74	ppb
Cadmium	106-1	56.40	60.77	58.82	58.66	3.73	ppb
Cadmium	111-1	55.42	56.86	56.09	56.12	1.28	ppb
Calcium	43-1	5375.38	5646.55	5549.14	5523.69	2.49	ppb
Calcium	44-1	5162.98	5316.28	5309.80	5263.02	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.43	53.57	52.70	52.23	3.10	ppb
Cobalt	59-2	50.25	53.22	52.92	52.13	3.13	ppb
Copper	63-2	518.44	555.10	551.15	541.56	3.72	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				103		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	2600.84	2727.16	2715.59	2681.20	2.60	ppb
Iron	57-2	2640.81	2812.90	2780.75	2744.82	3.33	ppb
Iron	54-2	2667.15	2843.48	2830.55	2780.39	3.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:13:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	255.65	260.89	261.67	259.40	1.26	ppb
Lead	207-1	257.82	260.89	263.97	260.89	1.18	ppb
Lead	208-1	256.54	262.01	261.23	259.93	1.14	ppb
Lithium	6-1				106		%
Magnesium	24-2	4867.84	5209.25	5192.22	5089.77	3.78	ppb
Manganese	55-2	502.31	528.49	536.75	522.52	3.44	ppb
Molybdenum	94-1	518.30	530.80	533.42	527.51	1.53	ppb
Molybdenum	95-1	522.54	534.96	529.55	529.02	1.18	ppb
Molybdenum	96-1	521.18	531.66	531.02	527.95	1.11	ppb
Molybdenum	97-1	523.04	534.72	531.88	529.88	1.15	ppb
Molybdenum	98-1	520.52	529.89	527.18	525.86	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.35	53.79	53.76	52.63	3.75	ppb
Phosphorus	31-2	1016.81	1120.10	1081.13	1072.68	4.86	ppb
Potassium	39-2	2513.35	2720.33	2616.96	2616.88	3.95	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	53.89	55.63	55.77	55.10	1.90	ppb
Selenium	77-2	51.44	54.47	54.33	53.42	3.20	ppb
Selenium	78-2	54.81	57.77	55.93	56.17	2.66	ppb
Silicon	28-1	65.22	68.93	67.57	67.24	2.79	ppb
Silver	107-1	55.26	57.44	56.53	56.41	1.94	ppb
Silver	109-1	55.17	57.25	56.62	56.35	1.89	ppb
Sodium	23-2	4966.96	5260.42	5248.30	5158.56	3.22	ppb
Strontium	86-1	1274.78	1293.00	1300.58	1289.45	1.03	ppb
Strontium	88-1	1296.67	1334.75	1314.31	1315.24	1.45	ppb
Sulfur	34-1	1017.68	1208.96	1139.41	1122.01	8.63	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	47.41	49.20	49.12	48.58	2.08	ppb
Thallium	205-1	47.23	48.54	48.84	48.20	1.77	ppb
Tin	118-1	52.66	54.70	54.08	53.81	1.94	ppb
Titanium	47-1	506.82	527.58	522.72	519.04	2.09	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:13:31	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	48.47	50.07	50.01	49.52	1.83	ppb
Vanadium	51-2	49.02	52.29	52.03	51.11	3.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	510.55	542.42	533.35	528.77	3.10	ppb
Zirconium	90-1	50.72	51.69	51.53	51.31	1.01	ppb
Zirconium	91-1	50.98	52.18	51.77	51.64	1.18	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:16:32	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2483.79	2468.68	2459.05	2470.51	0.50	ppb
Antimony	121-1	129.03	131.64	127.89	129.52	1.48	ppb
Arsenic	75-2	130.85	131.62	131.80	131.42	0.39	ppb
Barium	135-1	645.60	653.28	649.38	649.42	0.59	ppb
Barium	137-1	644.86	645.80	645.14	645.27	0.08	ppb
Beryllium	9-1	129.09	128.95	132.27	130.10	1.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	137.67	138.35	137.68	137.90	0.28	ppb
Cadmium	106-1	134.04	137.15	135.08	135.42	1.17	ppb
Cadmium	111-1	130.25	131.69	130.35	130.76	0.61	ppb
Calcium	43-1	12981.06	13051.38	13268.65	13100.36	1.14	ppb
Calcium	44-1	12552.63	12474.94	12648.33	12558.63	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.00	128.18	126.64	127.61	0.66	ppb
Cobalt	59-2	127.75	127.54	126.32	127.20	0.61	ppb
Copper	63-2	1322.71	1325.28	1298.90	1315.63	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				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	6579.11	6623.52	6581.80	6594.81	0.38	ppb
Iron	57-2	6751.30	6763.64	6691.48	6735.48	0.57	ppb
Iron	54-2	6774.59	6861.55	6733.37	6789.84	0.96	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:16:32	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	618.86	613.38	615.15	615.80	0.45	ppb
Lead	207-1	614.11	620.21	617.98	617.44	0.50	ppb
Lead	208-1	618.08	618.38	620.68	619.05	0.23	ppb
Lithium	6-1				106		%
Magnesium	24-2	12571.98	12701.46	12486.45	12586.63	0.86	ppb
Manganese	55-2	1279.05	1279.36	1264.64	1274.35	0.66	ppb
Molybdenum	94-1	1256.30	1256.09	1267.81	1260.07	0.53	ppb
Molybdenum	95-1	1261.69	1276.32	1272.65	1270.22	0.60	ppb
Molybdenum	96-1	1258.74	1273.37	1269.44	1267.18	0.60	ppb
Molybdenum	97-1	1263.88	1262.90	1260.65	1262.48	0.13	ppb
Molybdenum	98-1	1258.55	1282.47	1268.92	1269.98	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.81	128.62	128.50	128.64	0.12	ppb
Phosphorus	31-2	2678.71	2645.22	2616.85	2646.93	1.17	ppb
Potassium	39-2	6400.91	6325.71	6272.13	6332.91	1.02	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	129.88	132.86	131.91	131.55	1.16	ppb
Selenium	77-2	140.62	137.78	135.57	137.99	1.83	ppb
Selenium	78-2	134.30	134.78	137.58	135.55	1.31	ppb
Silicon	28-1	138.63	140.43	137.91	138.99	0.94	ppb
Silver	107-1	136.97	135.36	136.35	136.23	0.60	ppb
Silver	109-1	135.18	135.27	134.75	135.07	0.21	ppb
Sodium	23-2	12807.39	12926.72	12532.10	12755.41	1.59	ppb
Strontium	86-1	3041.77	3082.59	3116.85	3080.40	1.22	ppb
Strontium	88-1	3137.40	3192.99	3180.03	3170.14	0.92	ppb
Sulfur	34-1	2478.84	2552.86	2673.94	2568.55	3.83	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	115.52	115.52	115.13	115.39	0.20	ppb
Thallium	205-1	123.32	123.09	121.64	122.68	0.74	ppb
Tin	118-1	126.69	126.00	125.00	125.90	0.68	ppb
Titanium	47-1	1231.36	1245.72	1260.28	1245.79	1.16	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:16:32	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	118.58	117.72	119.43	118.58	0.72	ppb
Vanadium	51-2	125.90	126.49	124.93	125.78	0.63	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	1300.76	1307.08	1294.16	1300.67	0.50	ppb
Zirconium	90-1	125.31	128.29	126.82	126.81	1.18	ppb
Zirconium	91-1	124.02	124.98	126.29	125.10	0.91	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:19:24	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4700.01	4686.24	4659.53	4681.92	0.44	ppb
Antimony	121-1	234.08	241.56	236.43	237.36	1.61	ppb
Arsenic	75-2	235.51	238.46	241.55	238.51	1.27	ppb
Barium	135-1	1169.20	1188.23	1185.57	1181.00	0.87	ppb
Barium	137-1	1156.06	1197.88	1174.22	1176.06	1.78	ppb
Beryllium	9-1	230.98	235.65	238.01	234.88	1.52	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	240.79	248.69	242.48	243.99	1.71	ppb
Cadmium	106-1	241.45	250.54	240.25	244.08	2.31	ppb
Cadmium	111-1	233.86	240.70	234.98	236.52	1.55	ppb
Calcium	43-1	24508.74	24234.01	24447.31	24396.69	0.59	ppb
Calcium	44-1	23389.51	23156.71	23137.07	23227.77	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	233.81	233.58	234.67	234.02	0.25	ppb
Cobalt	59-2	239.75	239.69	245.42	241.62	1.36	ppb
Copper	63-2	2417.42	2407.74	2448.97	2424.71	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				99		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	12215.35	12260.26	12342.60	12272.73	0.53	ppb
Iron	57-2	12254.27	12534.66	12304.87	12364.60	1.21	ppb
Iron	54-2	12553.05	12419.63	12611.88	12528.19	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:19:24	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1158.03	1161.69	1134.23	1151.32	1.29	ppb
Lead	207-1	1156.08	1146.48	1139.54	1147.37	0.72	ppb
Lead	208-1	1146.89	1155.78	1139.05	1147.24	0.73	ppb
Lithium	6-1				108		%
Magnesium	24-2	23271.23	23257.93	23352.79	23293.98	0.22	ppb
Manganese	55-2	2366.78	2362.46	2385.62	2371.62	0.52	ppb
Molybdenum	94-1	2316.06	2322.08	2307.23	2315.12	0.32	ppb
Molybdenum	95-1	2348.13	2341.40	2338.58	2342.70	0.21	ppb
Molybdenum	96-1	2347.65	2342.88	2317.91	2336.15	0.68	ppb
Molybdenum	97-1	2318.60	2343.62	2324.45	2328.89	0.56	ppb
Molybdenum	98-1	2307.50	2355.72	2334.68	2332.63	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	235.22	234.04	236.36	235.21	0.49	ppb
Phosphorus	31-2	4720.86	4811.92	4860.33	4797.70	1.48	ppb
Potassium	39-2	11561.86	11561.59	11742.31	11621.92	0.90	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	82-1	242.06	246.01	246.00	244.69	0.93	ppb
Selenium	77-2	258.45	249.99	242.10	250.18	3.27	ppb
Selenium	78-2	248.15	247.11	249.70	248.32	0.52	ppb
Silicon	28-1	247.04	247.16	252.48	248.89	1.25	ppb
Silver	107-1	242.57	247.75	238.58	242.97	1.89	ppb
Silver	109-1	241.79	248.99	241.71	244.16	1.71	ppb
Sodium	23-2	23449.73	23581.35	23551.09	23527.39	0.29	ppb
Strontium	86-1	5630.85	5707.87	5689.51	5676.08	0.71	ppb
Strontium	88-1	5743.11	5884.53	5819.66	5815.77	1.22	ppb
Sulfur	34-1	4761.77	4724.49	4737.57	4741.28	0.40	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	233.81	228.02	229.87	230.57	1.28	ppb
Thallium	205-1	232.97	230.07	227.34	230.13	1.22	ppb
Tin	118-1	235.99	244.56	239.43	239.99	1.80	ppb
Titanium	47-1	2320.10	2314.39	2301.57	2312.02	0.41	ppb

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:19:24	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	224.30	221.82	221.43	222.52	0.70	ppb
Vanadium	51-2	230.83	230.30	233.66	231.60	0.78	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	2468.15	2414.57	2449.28	2444.00	1.11	ppb
Zirconium	90-1	227.46	233.41	232.65	231.17	1.40	ppb
Zirconium	91-1	227.84	231.31	230.71	229.95	0.81	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:22:11	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10011.06	10090.33	10003.25	10034.88	0.48	ppb
Antimony	121-1	515.03	506.75	512.77	511.51	0.84	ppb
Arsenic	75-2	504.74	509.07	503.79	505.87	0.56	ppb
Barium	135-1	2567.50	2507.90	2549.28	2541.56	1.20	ppb
Barium	137-1	2561.01	2509.29	2539.71	2536.67	1.02	ppb
Beryllium	9-1	490.80	504.63	490.33	495.25	1.64	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	529.79	514.48	520.54	521.60	1.48	ppb
Cadmium	106-1	519.63	509.28	515.21	514.71	1.01	ppb
Cadmium	111-1	514.53	516.59	516.56	515.89	0.23	ppb
Calcium	43-1	51500.98	51032.78	51467.00	51333.59	0.51	ppb
Calcium	44-1	49866.08	50278.67	50816.24	50320.33	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.97	519.46	515.92	514.45	1.14	ppb
Cobalt	59-2	512.65	516.67	508.02	512.45	0.84	ppb
Copper	63-2	5118.07	5147.53	5153.75	5139.78	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	26155.54	26453.91	26166.42	26258.62	0.64	ppb
Iron	57-2	26178.80	26363.20	26085.84	26209.28	0.54	ppb
Iron	54-2	26730.61	26784.38	26780.36	26765.12	0.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:22:11	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2489.70	2551.72	2499.76	2513.73	1.32	ppb
Lead	207-1	2492.16	2526.93	2492.10	2503.73	0.80	ppb
Lead	208-1	2499.09	2530.31	2503.41	2510.93	0.67	ppb
Lithium	6-1				106		%
Magnesium	24-2	49571.24	50226.03	49674.23	49823.83	0.71	ppb
Manganese	55-2	5062.70	5086.63	5092.67	5080.67	0.31	ppb
Molybdenum	94-1	4979.31	5052.51	5010.66	5014.16	0.73	ppb
Molybdenum	95-1	5020.02	5115.28	5044.42	5059.91	0.98	ppb
Molybdenum	96-1	5031.03	5088.24	5064.43	5061.23	0.57	ppb
Molybdenum	97-1	5002.93	5137.95	5072.21	5071.03	1.33	ppb
Molybdenum	98-1	5055.02	5141.59	5124.14	5106.92	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.91	500.96	495.45	497.11	0.67	ppb
Phosphorus	31-2	10211.91	10286.94	10166.16	10221.67	0.60	ppb
Potassium	39-2	24932.63	25125.32	24762.71	24940.22	0.73	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				85		%
Selenium	82-1	509.63	518.31	517.96	515.30	0.95	ppb
Selenium	77-2	518.47	517.18	520.04	518.56	0.28	ppb
Selenium	78-2	512.72	522.08	502.58	512.46	1.90	ppb
Silicon	28-1	521.95	525.06	521.74	522.92	0.36	ppb
Silver	107-1	513.14	511.94	517.55	514.21	0.57	ppb
Silver	109-1	518.29	512.86	514.34	515.17	0.54	ppb
Sodium	23-2	50607.70	51075.07	50633.65	50772.14	0.52	ppb
Strontium	86-1	12545.39	12701.91	12433.22	12560.17	1.07	ppb
Strontium	88-1	12584.02	12715.64	12580.40	12626.69	0.61	ppb
Sulfur	34-1	10051.72	10116.64	10158.82	10109.06	0.53	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	509.49	502.60	504.77	505.62	0.70	ppb
Thallium	205-1	503.81	507.21	499.23	503.42	0.80	ppb
Tin	118-1	507.40	509.15	504.22	506.92	0.49	ppb
Titanium	47-1	5047.71	5041.87	4986.32	5025.30	0.67	ppb

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:22:11	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	498.88	500.72	495.15	498.25	0.57	ppb
Vanadium	51-2	501.76	507.62	507.54	505.64	0.67	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%
Zinc	66-2	5183.52	5230.84	5198.16	5204.18	0.47	ppb
Zirconium	90-1	498.20	505.15	502.63	501.99	0.70	ppb
Zirconium	91-1	505.46	509.49	507.08	507.34	0.40	ppb

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:24:55	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19456.07	19741.86	19611.22	19603.05	0.73	ppb
Antimony	121-1	991.09	994.10	1004.88	996.69	0.73	ppb
Arsenic	75-2	995.01	1006.03	995.81	998.95	0.61	ppb
Barium	135-1	4959.63	4963.78	5055.02	4992.81	1.08	ppb
Barium	137-1	4951.64	4971.15	5066.94	4996.58	1.24	ppb
Beryllium	9-1	995.10	1013.54	1007.21	1005.28	0.93	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	978.61	992.15	995.35	988.70	0.90	ppb
Cadmium	106-1	983.25	988.08	1005.84	992.39	1.20	ppb
Cadmium	111-1	981.69	992.08	1009.42	994.40	1.41	ppb
Calcium	43-1	100816.40	100760.88	101114.16	100897.15	0.19	ppb
Calcium	44-1	100303.14	101348.10	99345.97	100332.40	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987.70	998.73	1002.56	996.33	0.77	ppb
Cobalt	59-2	1002.51	993.44	990.51	995.49	0.63	ppb
Copper	63-2	9889.87	10021.95	9904.13	9938.65	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	51443.64	51815.90	51105.56	51455.03	0.69	ppb
Iron	57-2	51818.82	51142.48	51447.86	51469.72	0.66	ppb
Iron	54-2	51884.58	52443.75	51927.08	52085.14	0.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:24:55	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5037.03	4977.87	5040.55	5018.49	0.70	ppb
Lead	207-1	5072.36	4996.88	5003.34	5024.19	0.83	ppb
Lead	208-1	5055.25	4994.19	5011.98	5020.47	0.63	ppb
Lithium	6-1				101		%
Magnesium	24-2	97451.56	98255.24	96658.88	97455.23	0.82	ppb
Manganese	55-2	9970.50	10047.77	9944.50	9987.59	0.54	ppb
Molybdenum	94-1	10053.81	10066.95	9988.74	10036.50	0.42	ppb
Molybdenum	95-1	9988.81	10044.83	9982.53	10005.39	0.34	ppb
Molybdenum	96-1	10029.36	10048.50	9942.55	10006.80	0.56	ppb
Molybdenum	97-1	9980.83	10079.01	9952.79	10004.21	0.66	ppb
Molybdenum	98-1	9978.91	10060.44	9914.42	9984.59	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1003.25	1002.82	1007.60	1004.56	0.26	ppb
Phosphorus	31-2	19739.46	20110.99	19902.76	19917.74	0.93	ppb
Potassium	39-2	48983.42	49417.37	49394.14	49264.98	0.50	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	986.40	991.18	1000.22	992.60	0.71	ppb
Selenium	77-2	975.50	1009.54	981.58	988.88	1.84	ppb
Selenium	78-2	991.75	1002.23	983.70	992.56	0.94	ppb
Silicon	28-1	987.75	994.58	976.54	986.29	0.92	ppb
Silver	107-1	984.68	991.14	1002.97	992.93	0.93	ppb
Silver	109-1	985.82	997.50	993.58	992.30	0.60	ppb
Sodium	23-2	99195.13	100645.49	99393.78	99744.80	0.79	ppb
Strontium	86-1	25206.35	25059.05	25085.59	25117.00	0.31	ppb
Strontium	88-1	24952.89	25184.85	24971.18	25036.31	0.52	ppb
Sulfur	34-1	20049.44	20014.43	19922.57	19995.48	0.33	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	1000.60	994.32	1015.04	1003.32	1.06	ppb
Thallium	205-1	997.41	1002.62	1010.88	1003.64	0.68	ppb
Tin	118-1	995.73	997.14	1003.34	998.73	0.41	ppb
Titanium	47-1	10048.44	10075.33	9977.99	10033.92	0.50	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:24:55	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1006.57	997.76	1021.39	1008.57	1.18	ppb
Vanadium	51-2	992.37	1006.89	1005.61	1001.63	0.80	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	9865.67	10006.00	9840.75	9904.14	0.90	ppb
Zirconium	90-1	1005.40	1005.46	999.40	1003.42	0.35	ppb
Zirconium	91-1	996.68	1004.81	1002.24	1001.25	0.42	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:27:41	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99789.88	100617.59	99869.95	100092.47	0.46	ppb
Antimony	121-1	0.58	0.56	0.52	0.55	5.50	ppb
Arsenic	75-2	0.75	0.66	0.60	0.67	11.07	ppb
Barium	135-1	2.54	2.40	2.24	2.39	6.15	ppb
Barium	137-1	2.49	2.41	2.41	2.44	1.96	ppb
Beryllium	9-1	0.35	0.32	0.32	0.33	4.26	ppb
Bismuth	209-1				84		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.39	0.50	0.63	0.51	24.57	ppb
Cadmium	106-1	0.58	0.13	-0.46	0.08	631.39	ppb
Cadmium	111-1	0.24	0.24	0.15	0.21	23.83	ppb
Calcium	43-1	494937.14	500694.07	503460.02	499697.07	0.87	ppb
Calcium	44-1	495098.69	500019.02	504840.12	499985.95	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.33	1.90	1.33	1.52	21.68	ppb
Cobalt	59-2	2.63	2.59	2.68	2.63	1.57	ppb
Copper	63-2	1.94	1.81	1.77	1.84	4.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				95		%
Indium	115-1				85		%
Indium	115-2				86		%
Iron	56-2	249936.55	248727.07	250088.56	249584.06	0.30	ppb
Iron	57-2	250870.18	248826.97	249034.79	249577.31	0.45	ppb
Iron	54-2	249378.32	248426.90	250361.03	249388.75	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:27:41	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.62	1.56	1.50	1.56	3.63	ppb
Lead	207-1	1.60	1.49	1.45	1.51	5.16	ppb
Lead	208-1	1.60	1.52	1.46	1.53	4.61	ppb
Lithium	6-1				93		%
Magnesium	24-2	500319.28	501430.39	500076.61	500608.76	0.14	ppb
Manganese	55-2	4.85	4.88	4.57	4.77	3.63	ppb
Molybdenum	94-1	3.18	2.98	2.90	3.02	4.74	ppb
Molybdenum	95-1	2.25	2.20	1.95	2.13	7.47	ppb
Molybdenum	96-1	3.75	3.72	3.52	3.66	3.42	ppb
Molybdenum	97-1	2.31	2.16	1.88	2.12	10.18	ppb
Molybdenum	98-1	2.22	2.08	1.84	2.05	9.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.92	3.78	3.80	3.83	1.99	ppb
Phosphorus	31-2	-7.90	-10.57	-9.40	-9.29		ppb
Potassium	39-2	249918.93	250307.70	250353.99	250193.54	0.10	ppb
Rhodium	103-1				79		%
Rhodium	103-2				82		%
Scandium	45-1				86		%
Scandium	45-2				89		%
Selenium	82-1	1.10	1.12	0.29	0.84	56.40	ppb
Selenium	77-2	0.29	0.29	0.29	0.29	0.28	ppb
Selenium	78-2	-0.19	-0.59	0.58	-0.07		ppb
Silicon	28-1	5.76	5.89	5.96	5.87	1.75	ppb
Silver	107-1	0.25	0.22	0.20	0.23	11.37	ppb
Silver	109-1	0.24	0.22	0.20	0.22	9.84	ppb
Sodium	23-2	498675.22	499645.47	501797.73	500039.47	0.32	ppb
Strontium	86-1	73.64	76.86	76.98	75.83	2.50	ppb
Strontium	88-1	74.80	76.52	75.18	75.50	1.19	ppb
Sulfur	34-1	-403.72	-284.14	-180.67	-289.51		ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	0.19	0.16	0.17	0.17	10.98	ppb
Thallium	205-1	0.20	0.17	0.15	0.17	12.48	ppb
Tin	118-1	0.33	0.33	0.32	0.33	1.30	ppb
Titanium	47-1	2.03	2.05	1.79	1.96	7.51	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:27:41	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.17	0.14	0.16	10.53	ppb
Vanadium	51-2	0.23	0.24	0.20	0.23	8.87	ppb
Yttrium	89-1				87		%
Yttrium	89-2				90		%
Zinc	66-2	9.57	9.79	9.60	9.65	1.21	ppb
Zirconium	90-1	0.63	0.68	0.64	0.65	3.37	ppb
Zirconium	91-1	0.67	0.67	0.64	0.66	2.20	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:41:43	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.12	493.19	493.26	494.52	0.45	ppb
Antimony	121-1	217.87	218.93	215.03	217.27	0.93	ppb
Arsenic	75-2	219.22	218.38	218.36	218.65	0.23	ppb
Barium	135-1	102.76	104.79	103.54	103.70	0.99	ppb
Barium	137-1	102.90	103.65	102.94	103.17	0.41	ppb
Beryllium	9-1	110.77	107.82	109.18	109.26	1.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	101.18	102.31	102.46	101.98	0.68	ppb
Cadmium	106-1	95.82	98.93	97.20	97.31	1.60	ppb
Cadmium	111-1	108.66	110.46	109.85	109.66	0.83	ppb
Calcium	43-1	2122.11	2124.39	2094.06	2113.52	0.80	ppb
Calcium	44-1	2061.33	2035.54	2037.44	2044.77	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.21	106.74	107.36	107.44	0.69	ppb
Cobalt	59-2	107.99	107.21	106.30	107.17	0.79	ppb
Copper	63-2	102.90	102.39	101.45	102.25	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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	2162.73	2141.12	2141.80	2148.55	0.57	ppb
Iron	57-2	2196.32	2209.18	2191.39	2198.96	0.42	ppb
Iron	54-2	2310.97	2285.61	2279.31	2291.96	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:41:43	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	211.73	214.97	209.99	212.23	1.19	ppb
Lead	207-1	201.47	203.51	201.32	202.10	0.60	ppb
Lead	208-1	207.39	208.09	206.14	207.21	0.48	ppb
Lithium	6-1				110		%
Magnesium	24-2	1212.45	1196.15	1189.94	1199.51	0.97	ppb
Manganese	55-2	105.77	104.96	103.89	104.87	0.90	ppb
Molybdenum	94-1	0.06	0.06	0.06	0.06	2.98	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	12.99	ppb
Molybdenum	96-1	0.05	0.06	0.06	0.06	4.32	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	10.35	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	8.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.28	108.73	108.49	108.83	0.37	ppb
Phosphorus	31-2	-19.40	-17.77	-17.80	-18.32		ppb
Potassium	39-2	2039.86	1997.33	2012.68	2016.62	1.07	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	203.06	207.97	209.16	206.73	1.56	ppb
Selenium	77-2	242.02	228.50	235.24	235.25	2.87	ppb
Selenium	78-2	234.24	233.70	231.78	233.24	0.55	ppb
Silicon	28-1	-5.92	-5.40	-5.25	-5.52		ppb
Silver	107-1	52.86	53.71	53.57	53.38	0.85	ppb
Silver	109-1	53.03	53.86	53.50	53.46	0.78	ppb
Sodium	23-2	2067.65	2018.17	2044.08	2043.30	1.21	ppb
Strontium	86-1	5.39	5.74	6.15	5.76	6.63	ppb
Strontium	88-1	6.26	6.38	6.31	6.31	0.94	ppb
Sulfur	34-1	-202.61	-120.23	-46.05	-122.97		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	208.30	210.60	208.51	209.13	0.61	ppb
Thallium	205-1	207.51	209.12	204.74	207.12	1.07	ppb
Tin	118-1	0.02	0.03	0.02	0.03	19.20	ppb
Titanium	47-1	0.00	0.01	0.04	0.02	97.91	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:41:43	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	34.05	ppb
Vanadium	51-2	104.16	103.01	103.31	103.49	0.58	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	212.89	212.33	213.26	212.83	0.22	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	45.34	ppb
Zirconium	91-1	0.06	0.05	0.08	0.06	25.57	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:31:50	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.42	0.38	0.35	24.79	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	0.55	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	85.35	ppb
Barium	135-1	0.01	0.01	0.01	0.01	26.68	ppb
Barium	137-1	0.01	0.00	0.00	0.00	68.71	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	30.14	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.04	0.01	0.01	0.00		ppb
Cadmium	106-1	-1.05	-0.31	-0.91	-0.76		ppb
Cadmium	111-1	-0.07	-0.02	-0.06	-0.05		ppb
Calcium	43-1	0.55	-0.05	0.16	0.22	139.80	ppb
Calcium	44-1	0.47	0.84	0.40	0.57	41.66	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	0.00	0.01	0.01	0.01	27.88	ppb
Copper	63-2	0.01	0.02	0.02	0.02	16.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	0.34	0.42	0.27	0.34	21.55	ppb
Iron	57-2	-1.02	-0.17	-0.08	-0.42		ppb
Iron	54-2	0.15	-0.40	0.21	-0.01		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:31:50	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.02	0.01	53.27	ppb
Lead	207-1	0.01	0.00	0.01	0.01	95.99	ppb
Lead	208-1	0.01	0.00	0.01	0.01	54.27	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.28	-0.04	0.24	0.16	110.33	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	36.71	ppb
Molybdenum	94-1	0.02	0.01	0.01	0.01	30.39	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	25.22	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	19.32	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	119.73	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	43.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-16.32	-17.63	-17.17	-17.04		ppb
Potassium	39-2	-0.66	-0.26	-0.92	-0.61		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.16	0.23	-0.13	0.09	224.32	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.43	0.56	-0.59	-0.15		ppb
Silicon	28-1	-3.68	-2.45	-2.75	-2.96		ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.22	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.38	ppb
Sodium	23-2	0.74	0.82	0.73	0.76	6.81	ppb
Strontium	86-1	-0.22	-0.19	0.36	-0.02		ppb
Strontium	88-1	0.09	0.08	0.09	0.09	6.30	ppb
Sulfur	34-1	-97.66	22.12	-83.31	-52.95		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.01	0.01	49.47	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.53	ppb
Tin	118-1	0.02	0.03	0.03	0.02	32.92	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	4913.99	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:31:50	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	20.11	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	114.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.21	0.20	0.29	0.23	20.94	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1023.42	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	61.87	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:35:20	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94162.71	92600.18	93569.72	93444.20	0.84	ppb
Antimony	121-1	1.13	1.15	1.13	1.14	1.04	ppb
Arsenic	75-2	0.39	0.32	0.38	0.36	9.70	ppb
Barium	135-1	1.50	1.49	1.45	1.48	1.82	ppb
Barium	137-1	1.43	1.40	1.37	1.40	2.39	ppb
Beryllium	9-1	0.25	0.29	0.33	0.29	14.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	10.12	9.22	9.49	9.61	4.81	ppb
Cadmium	106-1	0.04	-0.56	-1.18	-0.56		ppb
Cadmium	111-1	0.44	0.33	0.27	0.35	24.73	ppb
Calcium	43-1	101594.56	98770.55	101972.25	100779.12	1.74	ppb
Calcium	44-1	100462.24	99840.48	100568.89	100290.54	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.66	20.44	20.48	20.53	0.58	ppb
Cobalt	59-2	1.25	1.31	1.29	1.28	2.15	ppb
Copper	63-2	7.32	7.17	7.22	7.24	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	105696.19	105473.58	105170.14	105446.64	0.25	ppb
Iron	57-2	104812.65	104788.77	104357.67	104653.03	0.24	ppb
Iron	54-2	106790.49	105909.78	106893.51	106531.26	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:35:20	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.37	5.12	4.92	5.14	4.37	ppb
Lead	207-1	4.78	4.48	4.33	4.53	5.11	ppb
Lead	208-1	4.98	4.76	4.57	4.77	4.29	ppb
Lithium	6-1				102		%
Magnesium	24-2	98596.08	98109.03	98863.15	98522.75	0.39	ppb
Manganese	55-2	7.86	8.23	8.24	8.11	2.69	ppb
Molybdenum	94-1	1635.38	1624.54	1660.00	1639.97	1.11	ppb
Molybdenum	95-1	1997.46	1993.87	2004.59	1998.64	0.27	ppb
Molybdenum	96-1	1967.66	1965.46	1969.39	1967.50	0.10	ppb
Molybdenum	97-1	2010.49	1986.47	2012.86	2003.27	0.73	ppb
Molybdenum	98-1	1995.44	1996.25	2023.84	2005.18	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.35	5.41	5.42	5.40	0.66	ppb
Phosphorus	31-2	104057.91	103878.92	102906.53	103614.45	0.60	ppb
Potassium	39-2	98913.52	99002.12	99050.64	98988.76	0.07	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	82-1	-0.07	-0.46	0.19	-0.12		ppb
Selenium	77-2	0.28	0.14	0.14	0.19	42.28	ppb
Selenium	78-2	-0.61	0.07	-0.57	-0.37		ppb
Silicon	28-1	1.17	-0.02	0.53	0.56	106.09	ppb
Silver	107-1	0.05	0.04	0.04	0.04	10.29	ppb
Silver	109-1	0.06	0.04	0.04	0.05	17.90	ppb
Sodium	23-2	100166.75	99217.81	100183.07	99855.88	0.55	ppb
Strontium	86-1	848.15	851.94	865.40	855.17	1.06	ppb
Strontium	88-1	847.82	850.22	866.63	854.89	1.20	ppb
Sulfur	34-1	105844.06	104089.45	107003.33	105645.61	1.39	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.15	0.16	0.14	12.87	ppb
Thallium	205-1	0.13	0.14	0.16	0.14	12.54	ppb
Tin	118-1	0.23	0.22	0.25	0.23	7.24	ppb
Titanium	47-1	2055.97	2013.52	2044.64	2038.04	1.08	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:35:20	DataFile Name :	022ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.01	0.01	7.82	ppb
Vanadium	51-2	0.21	0.19	0.19	0.20	4.58	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	11.86	11.43	11.49	11.59	2.00	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	17.36	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	12.78	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:38:24	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93069.56	92810.89	92870.84	92917.10	0.15	ppb
Antimony	121-1	21.42	21.06	21.02	21.17	1.04	ppb
Arsenic	75-2	21.18	21.01	21.67	21.29	1.62	ppb
Barium	135-1	21.38	21.20	21.30	21.29	0.43	ppb
Barium	137-1	21.43	21.46	21.06	21.31	1.05	ppb
Beryllium	9-1	20.85	21.85	21.91	21.54	2.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.06	26.61	27.45	27.04	1.55	ppb
Cadmium	106-1	16.82	16.82	16.79	16.81	0.12	ppb
Cadmium	111-1	20.31	20.01	19.93	20.08	1.00	ppb
Calcium	43-1	102839.80	101835.88	103506.45	102727.38	0.82	ppb
Calcium	44-1	100651.09	101293.18	102596.04	101513.44	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.29	40.73	40.92	40.98	0.69	ppb
Cobalt	59-2	21.75	21.47	21.67	21.63	0.66	ppb
Copper	63-2	26.33	26.12	26.21	26.22	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				105		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	106161.29	105372.85	105919.58	105817.91	0.38	ppb
Iron	57-2	105357.52	104548.01	105647.28	105184.27	0.54	ppb
Iron	54-2	106110.85	105051.20	105629.47	105597.17	0.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:38:24	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.82	25.01	24.79	24.87	0.49	ppb
Lead	207-1	23.28	23.50	23.60	23.46	0.70	ppb
Lead	208-1	23.84	23.90	23.88	23.87	0.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	98559.83	97440.25	98307.54	98102.54	0.60	ppb
Manganese	55-2	28.42	28.01	28.43	28.28	0.84	ppb
Molybdenum	94-1	1642.63	1635.77	1636.66	1638.35	0.23	ppb
Molybdenum	95-1	2009.57	1999.77	2018.73	2009.36	0.47	ppb
Molybdenum	96-1	1957.89	1952.27	1985.45	1965.20	0.90	ppb
Molybdenum	97-1	1986.12	1992.79	2013.33	1997.41	0.71	ppb
Molybdenum	98-1	2009.95	2000.05	2019.67	2009.89	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.73	25.06	25.84	25.54	1.64	ppb
Phosphorus	31-2	101794.17	105058.34	104211.55	103688.02	1.63	ppb
Potassium	39-2	99459.23	99119.12	98800.65	99126.34	0.33	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	19.13	18.72	18.98	18.94	1.11	ppb
Selenium	77-2	19.97	19.67	20.63	20.09	2.47	ppb
Selenium	78-2	21.16	20.72	20.20	20.69	2.32	ppb
Silicon	28-1	1.20	2.34	2.80	2.12	38.82	ppb
Silver	107-1	19.37	19.03	19.19	19.20	0.91	ppb
Silver	109-1	19.16	19.19	18.93	19.09	0.75	ppb
Sodium	23-2	100349.57	99653.12	99077.25	99693.32	0.64	ppb
Strontium	86-1	854.01	852.37	873.90	860.09	1.39	ppb
Strontium	88-1	861.44	858.54	868.34	862.77	0.58	ppb
Sulfur	34-1	106567.07	103951.29	106821.06	105779.81	1.50	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	19.87	20.22	19.96	20.02	0.90	ppb
Thallium	205-1	19.92	20.16	20.08	20.05	0.61	ppb
Tin	118-1	0.16	0.16	0.17	0.16	2.67	ppb
Titanium	47-1	2065.55	2031.06	2063.54	2053.38	0.94	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:38:24	DataFile Name :	023ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	7.82	ppb
Vanadium	51-2	20.32	20.21	20.45	20.32	0.59	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	32.63	32.04	32.16	32.28	0.96	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	11.69	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	22.27	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:41:26	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50361.35	50761.40	50124.99	50415.91	0.64	ppb
Antimony	121-1	491.43	486.25	501.31	492.99	1.55	ppb
Arsenic	75-2	488.10	489.22	486.71	488.01	0.26	ppb
Barium	135-1	2488.03	2488.49	2518.95	2498.49	0.71	ppb
Barium	137-1	2491.58	2481.39	2538.69	2503.88	1.22	ppb
Beryllium	9-1	507.39	498.77	504.46	503.54	0.87	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	476.88	477.87	489.27	481.34	1.43	ppb
Cadmium	106-1	481.07	476.44	492.30	483.27	1.69	ppb
Cadmium	111-1	479.90	460.76	495.68	478.78	3.65	ppb
Calcium	43-1	248838.43	249669.18	251836.03	250114.55	0.62	ppb
Calcium	44-1	247453.70	247708.63	249697.32	248286.55	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.66	500.48	503.52	504.22	0.82	ppb
Cobalt	59-2	485.91	493.12	495.07	491.37	0.98	ppb
Copper	63-2	4775.90	4784.44	4770.37	4776.90	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	127130.96	128881.55	128378.62	128130.38	0.70	ppb
Iron	57-2	127280.73	128452.68	128279.60	128004.34	0.49	ppb
Iron	54-2	128125.46	128917.65	128530.21	128524.44	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:41:26	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2509.11	2556.29	2578.03	2547.81	1.38	ppb
Lead	207-1	2507.49	2556.31	2551.81	2538.54	1.06	ppb
Lead	208-1	2521.88	2543.16	2560.46	2541.83	0.76	ppb
Lithium	6-1				94		%
Magnesium	24-2	244636.00	250402.64	247381.10	247473.24	1.17	ppb
Manganese	55-2	4910.12	4979.46	4947.62	4945.73	0.70	ppb
Molybdenum	94-1	4963.88	5007.65	5050.26	5007.27	0.86	ppb
Molybdenum	95-1	5006.97	5001.30	5062.91	5023.72	0.68	ppb
Molybdenum	96-1	5039.11	5011.52	5085.68	5045.43	0.74	ppb
Molybdenum	97-1	5027.76	4971.79	5059.19	5019.58	0.88	ppb
Molybdenum	98-1	5028.92	5002.74	5077.46	5036.37	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.25	466.94	467.46	465.88	0.49	ppb
Phosphorus	31-2	9854.17	9939.36	9907.51	9900.34	0.43	ppb
Potassium	39-2	123192.51	125269.29	124919.98	124460.59	0.89	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	470.23	475.62	478.69	474.84	0.90	ppb
Selenium	77-2	486.82	474.43	476.61	479.28	1.38	ppb
Selenium	78-2	469.92	483.00	468.90	473.94	1.66	ppb
Silicon	28-1	192.56	199.34	203.28	198.39	2.73	ppb
Silver	107-1	478.26	473.03	489.08	480.12	1.70	ppb
Silver	109-1	482.26	474.19	485.32	480.59	1.20	ppb
Sodium	23-2	244274.48	249668.13	247865.47	247269.36	1.11	ppb
Strontium	86-1	12510.16	12588.42	12700.37	12599.65	0.76	ppb
Strontium	88-1	12446.97	12498.43	12634.81	12526.73	0.77	ppb
Sulfur	34-1	9242.45	9268.75	9474.96	9328.72	1.36	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	505.92	509.95	519.27	511.71	1.34	ppb
Thallium	205-1	503.98	511.82	517.18	510.99	1.30	ppb
Tin	118-1	495.41	492.11	502.12	496.55	1.03	ppb
Titanium	47-1	4888.87	4944.42	4994.30	4942.53	1.07	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:41:26	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	504.41	516.08	518.49	512.99	1.47	ppb
Vanadium	51-2	498.07	508.99	501.69	502.92	1.11	ppb
Yttrium	89-1				93		%
Yttrium	89-2				92		%
Zinc	66-2	4716.58	4671.94	4715.20	4701.24	0.54	ppb
Zirconium	90-1	502.17	502.46	505.52	503.38	0.37	ppb
Zirconium	91-1	500.86	508.28	513.32	507.49	1.23	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:47:29	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.41	0.31	0.36	15.07	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	3.54	ppb
Arsenic	75-2	-0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.03	0.02	0.00	0.02	74.35	ppb
Barium	137-1	0.02	0.02	0.01	0.02	43.07	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	22.35	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.04	0.00	0.01	207.55	ppb
Cadmium	106-1	-0.47	-0.63	-0.61	-0.57		ppb
Cadmium	111-1	-0.02	-0.04	-0.03	-0.03		ppb
Calcium	43-1	1.16	1.85	0.97	1.33	34.74	ppb
Calcium	44-1	1.77	0.89	0.48	1.05	62.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	134.10	ppb
Copper	63-2	0.08	0.06	0.06	0.06	19.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	0.90	0.81	0.63	0.78	17.63	ppb
Iron	57-2	-1.15	-1.41	-1.51	-1.36		ppb
Iron	54-2	0.37	1.11	-0.04	0.48	121.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:47:29	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.07	0.06	0.07	15.06	ppb
Lead	207-1	0.07	0.07	0.07	0.07	6.29	ppb
Lead	208-1	0.07	0.06	0.06	0.06	10.25	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.95	0.99	0.72	0.89	16.72	ppb
Manganese	55-2	0.03	0.02	0.02	0.02	15.38	ppb
Molybdenum	94-1	0.08	0.06	0.07	0.07	11.65	ppb
Molybdenum	95-1	0.07	0.07	0.06	0.07	11.22	ppb
Molybdenum	96-1	0.09	0.06	0.05	0.07	27.13	ppb
Molybdenum	97-1	0.09	0.06	0.05	0.07	33.35	ppb
Molybdenum	98-1	0.07	0.06	0.05	0.06	19.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-22.01	-17.69	-18.42	-19.37		ppb
Potassium	39-2	-2.54	-2.78	-1.56	-2.29		ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.02	-0.35	-0.26	-0.20		ppb
Selenium	77-2	0.13	0.00	0.00	0.04	173.21	ppb
Selenium	78-2	-1.10	-0.14	-0.19	-0.48		ppb
Silicon	28-1	-6.88	-6.61	-6.18	-6.55		ppb
Silver	107-1	0.02	0.02	0.01	0.02	13.58	ppb
Silver	109-1	0.02	0.01	0.01	0.02	14.01	ppb
Sodium	23-2	16.86	15.84	15.03	15.91	5.76	ppb
Strontium	86-1	-0.34	-0.20	-0.50	-0.35		ppb
Strontium	88-1	0.15	0.10	0.12	0.12	24.86	ppb
Sulfur	34-1	-547.41	-516.91	-477.99	-514.10		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.05	0.06	0.05	6.52	ppb
Thallium	205-1	0.06	0.05	0.05	0.06	8.89	ppb
Tin	118-1	0.00	0.00	0.00	0.00	349.27	ppb
Titanium	47-1	0.04	0.05	0.04	0.04	14.82	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:47:29	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.00	40.87	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	30.49	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	-0.01	0.05	0.03	0.02	131.87	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	24.42	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	46.17	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BL	Instrumnet Name :	P7
Client Sample ID :	PBS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:52:03	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.64	1.66	0.96	63.25	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	2.51	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	461.76	ppb
Barium	135-1	0.01	0.01	0.00	0.01	106.13	ppb
Barium	137-1	0.01	0.00	0.00	0.00	56.70	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	45.98	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	-0.03	0.00		ppb
Cadmium	106-1	-1.10	-0.83	-0.43	-0.79		ppb
Cadmium	111-1	-0.07	-0.06	-0.01	-0.05		ppb
Calcium	43-1	-1.23	-0.58	-0.26	-0.69		ppb
Calcium	44-1	-0.68	-0.34	-0.10	-0.37		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	0.02	0.00	446.19	ppb
Cobalt	59-2	0.00	0.00	0.05	0.02	149.32	ppb
Copper	63-2	0.04	0.03	0.19	0.09	103.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	0.28	0.37	13.40	4.68	161.10	ppb
Iron	57-2	-1.82	-0.93	13.09	3.45	242.83	ppb
Iron	54-2	0.18	0.10	15.82	5.36	168.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BL	Instrumnet Name :	P7
Client Sample ID :	PBS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:52:03	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.03	0.03	13.40	ppb
Lead	207-1	0.03	0.04	0.04	0.04	7.49	ppb
Lead	208-1	0.03	0.03	0.03	0.03	4.11	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.40	0.59	1.48	0.82	70.33	ppb
Manganese	55-2	0.01	0.00	0.23	0.08	158.88	ppb
Molybdenum	94-1	0.04	0.03	0.02	0.03	28.68	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	14.62	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.02	51.06	ppb
Molybdenum	97-1	0.01	0.00	0.02	0.01	60.96	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	9.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-20.37	-18.99	-8.71	-16.02		ppb
Potassium	39-2	-3.58	-1.67	16.74	3.83	293.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	0.37	-0.02	-0.11	0.08	325.89	ppb
Selenium	77-2	0.13	0.00	0.13	0.09	86.61	ppb
Selenium	78-2	-0.65	-0.08	0.22	-0.17		ppb
Silicon	28-1	-6.20	-5.56	-5.26	-5.67		ppb
Silver	107-1	0.23	0.01	0.01	0.08	157.75	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.38	ppb
Sodium	23-2	8.34	8.70	9.27	8.77	5.32	ppb
Strontium	86-1	-0.52	-0.22	-0.44	-0.39		ppb
Strontium	88-1	0.06	0.06	0.01	0.04	64.60	ppb
Sulfur	34-1	-502.23	-387.87	-313.04	-401.05		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.04	0.05	0.05	6.22	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.44	ppb
Tin	118-1	0.02	0.01	0.01	0.01	49.04	ppb
Titanium	47-1	0.02	0.01	0.01	0.01	51.86	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BL	Instrumnet Name :	P7
Client Sample ID :	PBS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:52:03	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	20.39	ppb
Vanadium	51-2	0.00	0.00	0.04	0.01	175.87	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.05	0.02	0.11	0.06	81.29	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	32.09	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	119.16	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BS	Instrumnet Name :	P7
Client Sample ID :	LCS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:55:19	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.16	39.18	38.68	38.67	1.31	ppb
Antimony	121-1	4.05	3.96	4.06	4.02	1.35	ppb
Arsenic	75-2	2.06	2.20	2.28	2.18	5.10	ppb
Barium	135-1	19.74	19.22	19.57	19.51	1.35	ppb
Barium	137-1	19.31	19.56	19.68	19.52	0.98	ppb
Beryllium	9-1	2.15	2.03	2.08	2.09	2.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.90	1.80	1.52	1.74	11.38	ppb
Cadmium	106-1	2.47	1.38	1.78	1.88	29.31	ppb
Cadmium	111-1	2.09	2.12	2.15	2.12	1.56	ppb
Calcium	43-1	1022.47	1041.81	1042.36	1035.55	1.09	ppb
Calcium	44-1	1030.49	1042.17	1039.28	1037.31	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.00	4.01	3.96	3.99	0.60	ppb
Cobalt	59-2	2.07	2.03	2.07	2.06	1.32	ppb
Copper	63-2	4.10	4.19	4.27	4.19	2.10	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				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	420.01	424.12	425.11	423.08	0.64	ppb
Iron	57-2	431.38	424.42	426.45	427.41	0.84	ppb
Iron	54-2	435.93	429.87	433.58	433.13	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BS	Instrumnet Name :	P7
Client Sample ID :	LCS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:55:19	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.90	1.95	1.94	1.93	1.45	ppb
Lead	207-1	1.83	1.88	1.94	1.88	2.87	ppb
Lead	208-1	1.88	1.91	1.93	1.91	1.54	ppb
Lithium	6-1				106		%
Magnesium	24-2	962.31	955.48	969.93	962.57	0.75	ppb
Manganese	55-2	2.05	2.06	2.11	2.07	1.60	ppb
Molybdenum	94-1	11.45	11.66	11.55	11.55	0.92	ppb
Molybdenum	95-1	9.78	9.88	9.92	9.86	0.71	ppb
Molybdenum	96-1	9.90	10.02	10.00	9.97	0.62	ppb
Molybdenum	97-1	9.80	9.98	9.69	9.82	1.44	ppb
Molybdenum	98-1	9.79	9.93	9.99	9.90	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	2.03	2.10	2.04	2.70	ppb
Phosphorus	31-2	29.63	33.74	31.79	31.72	6.48	ppb
Potassium	39-2	1028.12	1016.23	1034.60	1026.32	0.91	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	9.40	10.10	9.32	9.61	4.46	ppb
Selenium	77-2	10.78	9.92	14.32	11.68	19.99	ppb
Selenium	78-2	10.55	11.12	10.40	10.69	3.54	ppb
Silicon	28-1	2.05	2.74	2.75	2.51	15.83	ppb
Silver	107-1	2.06	2.00	2.09	2.05	2.12	ppb
Silver	109-1	2.04	2.05	2.09	2.06	1.36	ppb
Sodium	23-2	957.13	952.02	962.57	957.24	0.55	ppb
Strontium	86-1	48.41	49.92	48.58	48.97	1.68	ppb
Strontium	88-1	49.19	49.10	49.86	49.38	0.85	ppb
Sulfur	34-1	-323.11	-283.87	-195.50	-267.49		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1.88	1.93	1.95	1.92	1.75	ppb
Thallium	205-1	1.89	1.90	1.91	1.90	0.42	ppb
Tin	118-1	10.19	10.09	10.20	10.16	0.58	ppb
Titanium	47-1	2.40	2.32	2.41	2.37	2.15	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BS	Instrumnet Name :	P7
Client Sample ID :	LCS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:55:19	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.73	1.74	1.79	1.75	1.70	ppb
Vanadium	51-2	10.09	10.09	10.37	10.18	1.60	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	10.43	10.46	10.62	10.50	0.95	ppb
Zirconium	90-1	1.97	1.94	1.94	1.95	0.85	ppb
Zirconium	91-1	1.99	1.97	1.93	1.96	1.74	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:59:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.97	17.11	17.86	17.32	2.78	ppb
Antimony	121-1	1.70	1.77	1.82	1.76	3.64	ppb
Arsenic	75-2	1.01	0.94	0.93	0.96	4.45	ppb
Barium	135-1	8.20	8.61	8.68	8.50	3.03	ppb
Barium	137-1	8.25	8.50	8.55	8.43	1.93	ppb
Beryllium	9-1	0.93	0.93	0.96	0.94	1.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	0.84	0.87	0.80	12.17	ppb
Cadmium	106-1	0.35	0.64	0.63	0.54	30.61	ppb
Cadmium	111-1	0.95	0.93	0.94	0.94	0.70	ppb
Calcium	43-1	454.83	446.48	460.74	454.02	1.58	ppb
Calcium	44-1	443.35	437.76	455.88	445.66	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.68	1.71	1.77	1.72	2.53	ppb
Cobalt	59-2	0.93	0.89	0.89	0.90	3.03	ppb
Copper	63-2	1.88	1.83	1.84	1.85	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	184.81	185.23	183.95	184.66	0.35	ppb
Iron	57-2	186.90	186.63	183.84	185.79	0.91	ppb
Iron	54-2	188.07	187.63	191.34	189.01	1.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:59:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.82	0.85	0.84	0.84	1.55	ppb
Lead	207-1	0.83	0.86	0.84	0.84	1.76	ppb
Lead	208-1	0.82	0.85	0.84	0.84	1.82	ppb
Lithium	6-1				104		%
Magnesium	24-2	419.54	418.72	413.12	417.13	0.84	ppb
Manganese	55-2	0.93	0.90	0.88	0.90	2.31	ppb
Molybdenum	94-1	5.01	5.08	4.92	5.00	1.58	ppb
Molybdenum	95-1	4.30	4.32	4.29	4.30	0.39	ppb
Molybdenum	96-1	4.33	4.27	4.37	4.32	1.11	ppb
Molybdenum	97-1	4.27	4.17	4.24	4.23	1.23	ppb
Molybdenum	98-1	4.23	4.31	4.29	4.28	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.86	0.87	0.87	1.71	ppb
Phosphorus	31-2	2.35	3.01	1.33	2.23	37.87	ppb
Potassium	39-2	446.90	448.52	448.35	447.92	0.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	4.11	4.32	3.92	4.12	4.94	ppb
Selenium	77-2	5.61	3.29	4.56	4.48	25.91	ppb
Selenium	78-2	4.35	4.24	4.37	4.32	1.60	ppb
Silicon	28-1	-1.89	-1.88	-0.91	-1.56		ppb
Silver	107-1	0.88	0.89	0.88	0.89	0.88	ppb
Silver	109-1	0.89	0.91	0.93	0.91	2.13	ppb
Sodium	23-2	419.97	416.62	413.57	416.72	0.77	ppb
Strontium	86-1	22.88	20.62	22.34	21.94	5.38	ppb
Strontium	88-1	21.37	21.65	21.64	21.55	0.74	ppb
Sulfur	34-1	-259.82	-230.80	-212.61	-234.41		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.84	0.87	0.83	0.85	2.85	ppb
Thallium	205-1	0.83	0.84	0.86	0.84	1.90	ppb
Tin	118-1	4.32	4.45	4.51	4.43	2.12	ppb
Titanium	47-1	1.02	1.03	1.01	1.02	0.92	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:59:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.75	0.75	0.75	0.98	ppb
Vanadium	51-2	4.51	4.45	4.50	4.49	0.73	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	4.51	4.85	4.73	4.70	3.60	ppb
Zirconium	90-1	0.86	0.85	0.87	0.86	1.06	ppb
Zirconium	91-1	0.83	0.88	0.87	0.86	2.95	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BL	Instrumnet Name :	P7
Client Sample ID :	PBS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:02:34	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.32	0.43	0.37	15.40	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	6.48	ppb
Arsenic	75-2	0.00	0.00	-0.01	-0.01		ppb
Barium	135-1	0.02	0.01	0.01	0.01	64.62	ppb
Barium	137-1	0.00	0.01	0.00	0.00	71.58	ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	55.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.00	0.00	0.01	189.22	ppb
Cadmium	106-1	-0.54	-0.14	-0.32	-0.34		ppb
Cadmium	111-1	-0.04	0.00	-0.02	-0.02		ppb
Calcium	43-1	1.20	1.80	2.36	1.79	32.54	ppb
Calcium	44-1	1.24	0.20	1.67	1.04	73.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	228.90	ppb
Copper	63-2	0.03	0.05	0.04	0.04	30.07	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				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	0.36	0.29	0.22	0.29	23.95	ppb
Iron	57-2	-1.00	-0.88	-0.65	-0.84		ppb
Iron	54-2	0.34	0.25	0.47	0.35	31.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BL	Instrumnet Name :	P7
Client Sample ID :	PBS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:02:34	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	13.33	ppb
Lead	207-1	0.01	0.02	0.02	0.02	17.80	ppb
Lead	208-1	0.02	0.02	0.02	0.02	10.62	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.46	0.58	0.69	0.58	19.83	ppb
Manganese	55-2	0.02	0.00	0.01	0.01	169.63	ppb
Molybdenum	94-1	0.04	0.03	0.01	0.03	49.58	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	23.33	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	39.38	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	67.03	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	32.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	-0.01	0.01	307.97	ppb
Phosphorus	31-2	-17.31	-19.11	-18.45	-18.29		ppb
Potassium	39-2	-0.35	-1.17	0.21	-0.44		ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.37	-0.07	-0.66	-0.37		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.19	-0.17	0.48	0.04	951.36	ppb
Silicon	28-1	-4.17	-4.11	-3.25	-3.84		ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.37	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.60	ppb
Sodium	23-2	4.23	3.94	4.96	4.38	11.93	ppb
Strontium	86-1	-0.10	-0.20	-0.22	-0.17		ppb
Strontium	88-1	0.06	0.07	0.05	0.06	21.44	ppb
Sulfur	34-1	-285.49	-229.16	-144.10	-219.58		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.03	0.04	5.14	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	1.86	ppb
Tin	118-1	0.01	0.03	0.01	0.02	42.76	ppb
Titanium	47-1	0.00	0.02	-0.01	0.00	455.61	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BL	Instrumnet Name :	P7
Client Sample ID :	PBS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:02:34	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	24.14	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	95.23	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	0.37	0.33	0.26	0.32	17.74	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	32.63	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	38.23	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BS	Instrumnet Name :	P7
Client Sample ID :	LCS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:05:53	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.05	39.36	37.55	38.32	2.45	ppb
Antimony	121-1	3.75	3.90	3.96	3.87	2.82	ppb
Arsenic	75-2	2.28	2.19	2.21	2.22	2.15	ppb
Barium	135-1	18.12	19.08	19.36	18.85	3.46	ppb
Barium	137-1	18.28	18.77	19.13	18.73	2.25	ppb
Beryllium	9-1	2.09	2.19	2.10	2.13	2.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.63	2.14	2.16	1.98	14.98	ppb
Cadmium	106-1	1.71	1.45	1.60	1.59	8.30	ppb
Cadmium	111-1	2.01	2.09	2.17	2.09	3.76	ppb
Calcium	43-1	975.02	1023.38	1008.73	1002.38	2.47	ppb
Calcium	44-1	949.64	1012.95	1010.98	991.19	3.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.90	3.75	3.84	3.83	1.98	ppb
Cobalt	59-2	2.00	1.94	2.02	1.99	2.23	ppb
Copper	63-2	4.15	4.13	4.16	4.15	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				106		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	411.25	411.96	411.00	411.40	0.12	ppb
Iron	57-2	416.22	421.73	418.72	418.89	0.66	ppb
Iron	54-2	419.46	414.87	420.10	418.14	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BS	Instrumnet Name :	P7
Client Sample ID :	LCS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:05:53	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.77	1.87	1.86	1.83	3.07	ppb
Lead	207-1	1.70	1.76	1.85	1.77	4.43	ppb
Lead	208-1	1.74	1.83	1.84	1.80	2.85	ppb
Lithium	6-1				103		%
Magnesium	24-2	945.81	929.82	926.90	934.18	1.09	ppb
Manganese	55-2	1.95	2.03	1.96	1.98	2.10	ppb
Molybdenum	94-1	10.48	11.21	11.21	10.96	3.83	ppb
Molybdenum	95-1	9.11	9.49	9.60	9.40	2.72	ppb
Molybdenum	96-1	9.26	9.70	9.70	9.56	2.66	ppb
Molybdenum	97-1	8.89	9.44	9.50	9.28	3.63	ppb
Molybdenum	98-1	9.13	9.54	9.56	9.41	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	2.04	1.96	2.00	1.97	ppb
Phosphorus	31-2	34.93	32.57	25.93	31.14	14.98	ppb
Potassium	39-2	1015.93	1010.58	1005.05	1010.52	0.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	9.02	8.91	9.76	9.23	5.01	ppb
Selenium	77-2	10.31	11.97	11.58	11.28	7.68	ppb
Selenium	78-2	10.04	10.01	10.03	10.03	0.17	ppb
Silicon	28-1	2.08	5.03	5.20	4.10	42.70	ppb
Silver	107-1	1.92	2.02	2.04	1.99	3.35	ppb
Silver	109-1	1.90	2.08	2.06	2.01	4.95	ppb
Sodium	23-2	927.01	923.63	922.59	924.41	0.25	ppb
Strontium	86-1	44.99	47.16	47.24	46.46	2.75	ppb
Strontium	88-1	45.83	48.32	48.16	47.44	2.94	ppb
Sulfur	34-1	-410.86	-202.98	-187.50	-267.11		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1.75	1.81	1.86	1.81	2.82	ppb
Thallium	205-1	1.75	1.84	1.86	1.82	3.24	ppb
Tin	118-1	9.54	10.04	10.10	9.90	3.09	ppb
Titanium	47-1	2.28	2.34	2.35	2.32	1.67	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BS	Instrumnet Name :	P7
Client Sample ID :	LCS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:05:53	DataFile Name :	031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.60	1.69	1.68	1.66	2.88	ppb
Vanadium	51-2	9.99	10.12	9.91	10.01	1.06	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	10.17	10.08	10.12	10.12	0.45	ppb
Zirconium	90-1	1.82	1.91	1.91	1.88	2.93	ppb
Zirconium	91-1	1.88	1.93	1.92	1.91	1.39	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:09:07	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.05	20.04	19.64	19.58	2.56	ppb
Antimony	121-1	2.01	2.05	2.05	2.04	1.18	ppb
Arsenic	75-2	1.18	1.13	1.08	1.13	4.57	ppb
Barium	135-1	9.98	9.87	10.08	9.98	1.07	ppb
Barium	137-1	9.89	9.83	10.11	9.95	1.46	ppb
Beryllium	9-1	1.12	1.05	1.11	1.10	3.40	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.26	0.91	1.04	1.07	16.34	ppb
Cadmium	106-1	1.59	0.46	0.28	0.78	91.25	ppb
Cadmium	111-1	1.13	1.04	1.04	1.07	5.20	ppb
Calcium	43-1	510.90	535.36	526.04	524.10	2.36	ppb
Calcium	44-1	517.17	526.76	520.84	521.59	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	1.99	2.00	1.99	0.69	ppb
Cobalt	59-2	1.02	1.04	1.07	1.04	2.38	ppb
Copper	63-2	2.14	2.08	2.12	2.11	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				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	214.15	213.52	214.90	214.19	0.32	ppb
Iron	57-2	215.24	214.73	218.72	216.23	1.01	ppb
Iron	54-2	218.03	217.29	218.00	217.77	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:09:07	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.93	0.94	0.99	0.95	2.88	ppb
Lead	207-1	0.95	0.96	0.95	0.95	0.56	ppb
Lead	208-1	0.94	0.95	0.96	0.95	1.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	485.92	484.99	488.08	486.33	0.33	ppb
Manganese	55-2	1.02	1.03	1.03	1.03	0.68	ppb
Molybdenum	94-1	5.79	5.87	5.96	5.87	1.48	ppb
Molybdenum	95-1	4.91	4.94	4.99	4.95	0.85	ppb
Molybdenum	96-1	5.00	5.06	5.08	5.05	0.79	ppb
Molybdenum	97-1	4.91	4.84	5.08	4.94	2.51	ppb
Molybdenum	98-1	4.93	4.92	4.98	4.94	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.97	0.99	1.01	4.87	ppb
Phosphorus	31-2	2.31	8.44	2.92	4.56	74.08	ppb
Potassium	39-2	518.22	524.51	522.02	521.58	0.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.11	4.59	4.83	4.84	5.35	ppb
Selenium	77-2	4.77	5.29	3.88	4.65	15.34	ppb
Selenium	78-2	6.59	5.25	5.63	5.82	11.84	ppb
Silicon	28-1	0.43	1.29	1.13	0.95	48.27	ppb
Silver	107-1	1.05	1.08	1.09	1.07	2.06	ppb
Silver	109-1	1.04	1.07	1.08	1.06	1.89	ppb
Sodium	23-2	478.66	478.08	482.41	479.72	0.49	ppb
Strontium	86-1	25.12	25.66	25.05	25.28	1.33	ppb
Strontium	88-1	24.65	25.11	25.42	25.06	1.55	ppb
Sulfur	34-1	-301.45	-195.56	-188.17	-228.39		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.94	0.96	0.98	0.96	1.88	ppb
Thallium	205-1	0.95	0.98	0.97	0.97	1.41	ppb
Tin	118-1	5.20	5.25	5.29	5.25	0.86	ppb
Titanium	47-1	1.22	1.20	1.19	1.20	1.46	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:09:07	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.88	0.86	0.86	1.29	ppb
Vanadium	51-2	5.10	5.13	5.12	5.12	0.36	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5.19	5.40	5.25	5.28	2.06	ppb
Zirconium	90-1	0.99	0.97	1.00	0.99	1.60	ppb
Zirconium	91-1	0.99	1.00	1.01	1.00	1.20	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BL	Instrumnet Name :	P7
Client Sample ID :	PBS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:12:25	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.33	0.26	0.32	19.32	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	38.11	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.01	0.00	0.01	58.92	ppb
Barium	137-1	0.01	0.01	0.01	0.01	35.95	ppb
Beryllium	9-1	0.00	0.02	0.00	0.00	239.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.01	-0.03	-0.01		ppb
Cadmium	106-1	0.27	-0.04	-0.08	0.05	378.84	ppb
Cadmium	111-1	0.02	0.00	0.00	0.00	259.35	ppb
Calcium	43-1	11.13	11.52	12.80	11.82	7.40	ppb
Calcium	44-1	11.57	11.66	11.30	11.51	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	29.63	ppb
Copper	63-2	0.02	0.02	0.01	0.02	25.17	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				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	0.32	0.28	0.23	0.28	17.05	ppb
Iron	57-2	-1.86	-1.02	-0.47	-1.12		ppb
Iron	54-2	-0.29	0.11	0.42	0.08	450.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BL	Instrumnet Name :	P7
Client Sample ID :	PBS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:12:25	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.01	0.01	13.54	ppb
Lead	207-1	0.01	0.01	0.01	0.01	22.19	ppb
Lead	208-1	0.01	0.01	0.01	0.01	28.24	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.87	0.88	0.75	0.83	8.20	ppb
Manganese	55-2	0.00	0.00	0.02	0.00	291.41	ppb
Molybdenum	94-1	0.02	0.01	0.03	0.02	45.95	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	20.74	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	15.61	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	381.32	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	38.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-18.83	-20.06	-19.78	-19.56		ppb
Potassium	39-2	-1.17	-0.64	-1.44	-1.08		ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.23	-0.53	-0.16	-0.30		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.36	0.29	0.27	0.07	535.59	ppb
Silicon	28-1	-4.14	-2.80	-3.79	-3.58		ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.23	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.68	ppb
Sodium	23-2	1.98	2.01	2.15	2.04	4.53	ppb
Strontium	86-1	-0.18	-0.09	-0.04	-0.11		ppb
Strontium	88-1	0.09	0.10	0.11	0.10	11.61	ppb
Sulfur	34-1	-252.64	-157.56	-227.82	-212.68		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.03	0.03	6.57	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	4.77	ppb
Tin	118-1	0.03	0.01	0.01	0.02	50.67	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00		ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BL	Instrumnet Name :	P7
Client Sample ID :	PBS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:12:25	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	38.87	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	455.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.91	0.85	0.98	0.91	7.33	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	154.36	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	75.04	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BS	Instrumnet Name :	P7
Client Sample ID :	LCS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:15:41	DataFile Name :	034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.27	37.50	37.50	37.42	0.37	ppb
Antimony	121-1	3.73	3.80	3.91	3.82	2.42	ppb
Arsenic	75-2	2.16	2.05	2.07	2.10	2.84	ppb
Barium	135-1	18.19	18.59	18.72	18.50	1.49	ppb
Barium	137-1	18.35	18.63	18.76	18.58	1.14	ppb
Beryllium	9-1	2.04	2.11	2.06	2.07	1.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.02	2.28	2.18	2.16	6.17	ppb
Cadmium	106-1	2.19	2.36	1.99	2.18	8.60	ppb
Cadmium	111-1	1.98	2.09	2.08	2.05	2.96	ppb
Calcium	43-1	964.73	998.93	986.31	983.32	1.76	ppb
Calcium	44-1	957.63	993.54	971.20	974.12	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.70	3.72	3.70	3.71	0.34	ppb
Cobalt	59-2	1.99	2.01	1.97	1.99	0.99	ppb
Copper	63-2	4.03	3.91	4.00	3.98	1.54	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				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	404.82	400.54	399.88	401.75	0.67	ppb
Iron	57-2	405.93	404.91	408.41	406.42	0.44	ppb
Iron	54-2	409.91	409.48	408.43	409.27	0.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BS	Instrumnet Name :	P7
Client Sample ID :	LCS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:15:41	DataFile Name :	034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.79	1.82	1.80	1.80	0.68	ppb
Lead	207-1	1.74	1.80	1.81	1.78	2.27	ppb
Lead	208-1	1.76	1.80	1.80	1.79	1.17	ppb
Lithium	6-1				105		%
Magnesium	24-2	911.33	916.98	915.21	914.50	0.32	ppb
Manganese	55-2	1.95	2.00	1.89	1.95	2.75	ppb
Molybdenum	94-1	10.69	10.96	11.21	10.96	2.37	ppb
Molybdenum	95-1	9.19	9.29	9.53	9.34	1.90	ppb
Molybdenum	96-1	9.25	9.69	9.78	9.57	2.96	ppb
Molybdenum	97-1	9.04	9.45	9.42	9.30	2.48	ppb
Molybdenum	98-1	9.08	9.51	9.48	9.35	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	1.99	1.99	2.00	1.08	ppb
Phosphorus	31-2	32.11	27.56	33.55	31.07	10.06	ppb
Potassium	39-2	982.80	985.79	977.53	982.04	0.43	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	9.38	8.83	9.42	9.21	3.55	ppb
Selenium	77-2	10.99	10.47	10.84	10.77	2.47	ppb
Selenium	78-2	10.02	10.96	10.39	10.46	4.55	ppb
Silicon	28-1	2.74	4.20	3.62	3.52	20.83	ppb
Silver	107-1	1.96	2.00	2.01	1.99	1.24	ppb
Silver	109-1	1.91	1.96	1.99	1.96	2.05	ppb
Sodium	23-2	897.73	903.55	903.22	901.50	0.36	ppb
Strontium	86-1	45.71	46.41	46.30	46.14	0.82	ppb
Strontium	88-1	46.42	47.44	47.71	47.19	1.44	ppb
Sulfur	34-1	-254.86	-26.82	-107.64	-129.77		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	1.78	1.82	1.78	1.79	1.30	ppb
Thallium	205-1	1.77	1.81	1.81	1.80	1.43	ppb
Tin	118-1	9.54	9.75	9.78	9.69	1.31	ppb
Titanium	47-1	2.22	2.27	2.22	2.23	1.38	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BS	Instrumnet Name :	P7
Client Sample ID :	LCS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:15:41	DataFile Name :	034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.66	1.67	1.65	1.66	0.74	ppb
Vanadium	51-2	9.63	9.73	9.72	9.69	0.55	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	10.00	9.88	9.69	9.86	1.60	ppb
Zirconium	90-1	1.80	1.89	1.87	1.85	2.73	ppb
Zirconium	91-1	1.81	1.89	1.90	1.87	2.63	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:18:59	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.50	20.33	20.46	20.43	0.43	ppb
Antimony	121-1	2.07	2.13	2.09	2.09	1.35	ppb
Arsenic	75-2	1.30	1.11	1.09	1.17	9.88	ppb
Barium	135-1	10.25	10.02	10.15	10.14	1.16	ppb
Barium	137-1	10.13	10.05	10.11	10.10	0.41	ppb
Beryllium	9-1	1.11	1.17	1.16	1.15	2.78	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.23	1.24	1.11	1.19	5.80	ppb
Cadmium	106-1	1.12	1.21	1.03	1.12	7.90	ppb
Cadmium	111-1	1.13	1.14	1.10	1.12	1.75	ppb
Calcium	43-1	538.77	539.35	529.18	535.77	1.07	ppb
Calcium	44-1	528.57	525.39	527.39	527.12	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.05	1.98	2.01	1.60	ppb
Cobalt	59-2	1.06	1.05	1.07	1.06	1.01	ppb
Copper	63-2	2.21	2.18	2.19	2.19	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				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	222.97	225.99	217.50	222.16	1.94	ppb
Iron	57-2	223.65	225.02	218.17	222.28	1.63	ppb
Iron	54-2	225.29	229.70	218.88	224.62	2.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:18:59	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.93	0.97	1.00	0.97	3.72	ppb
Lead	207-1	0.93	0.97	0.98	0.96	2.78	ppb
Lead	208-1	0.93	0.97	0.98	0.96	2.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	507.28	493.29	489.96	496.84	1.85	ppb
Manganese	55-2	1.05	1.19	1.05	1.10	6.99	ppb
Molybdenum	94-1	5.81	5.92	5.93	5.89	1.13	ppb
Molybdenum	95-1	5.00	5.02	4.90	4.97	1.28	ppb
Molybdenum	96-1	5.09	5.13	5.14	5.12	0.54	ppb
Molybdenum	97-1	4.93	4.97	4.92	4.94	0.57	ppb
Molybdenum	98-1	4.98	5.01	4.95	4.98	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.09	1.02	1.03	5.45	ppb
Phosphorus	31-2	9.02	2.86	9.47	7.12	51.94	ppb
Potassium	39-2	544.07	529.19	531.41	534.89	1.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	4.79	5.17	4.88	4.94	4.00	ppb
Selenium	77-2	6.91	5.04	4.61	5.52	22.19	ppb
Selenium	78-2	7.05	4.75	6.27	6.02	19.40	ppb
Silicon	28-1	0.52	0.87	0.90	0.77	27.40	ppb
Silver	107-1	1.08	1.07	1.11	1.09	1.91	ppb
Silver	109-1	1.08	1.08	1.08	1.08	0.15	ppb
Sodium	23-2	497.85	485.60	483.68	489.04	1.57	ppb
Strontium	86-1	24.39	25.43	24.27	24.70	2.58	ppb
Strontium	88-1	25.19	25.01	24.99	25.06	0.43	ppb
Sulfur	34-1	-117.70	-96.31	-21.15	-78.38		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.98	0.98	1.00	0.99	1.58	ppb
Thallium	205-1	0.97	0.99	1.00	0.98	1.42	ppb
Tin	118-1	5.38	5.24	5.34	5.32	1.32	ppb
Titanium	47-1	1.24	1.20	1.18	1.21	2.59	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:18:59	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.88	0.90	0.89	1.58	ppb
Vanadium	51-2	5.33	5.36	5.24	5.31	1.15	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	5.42	5.56	5.35	5.44	1.91	ppb
Zirconium	90-1	0.99	1.00	0.98	0.99	1.32	ppb
Zirconium	91-1	0.99	1.02	0.98	1.00	2.12	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BL	Instrumnet Name :	P7
Client Sample ID :	PBS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:22:15	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.47	0.38	0.40	14.03	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	30.61	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.01	0.01	0.00	0.01	68.78	ppb
Barium	137-1	0.01	0.00	0.00	0.01	82.08	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	83.12	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.02	0.02	0.00	771.60	ppb
Cadmium	106-1	0.85	0.26	0.16	0.42	88.07	ppb
Cadmium	111-1	0.07	0.02	0.01	0.03	86.63	ppb
Calcium	43-1	-0.39	-0.90	0.06	-0.41		ppb
Calcium	44-1	-0.79	-0.77	-1.04	-0.87		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	0.01	0.00	0.00	0.00	90.93	ppb
Copper	63-2	0.01	0.02	0.01	0.01	16.11	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				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	0.21	0.41	0.28	0.30	34.17	ppb
Iron	57-2	-1.01	-0.49	0.37	-0.38		ppb
Iron	54-2	0.07	0.23	-0.05	0.08	173.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BL	Instrumnet Name :	P7
Client Sample ID :	PBS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:22:15	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.01	0.01	53.76	ppb
Lead	207-1	0.01	0.01	0.00	0.00	14.64	ppb
Lead	208-1	0.00	0.00	0.00	0.00	29.98	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.36	0.65	0.52	0.51	28.67	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	224.94	ppb
Molybdenum	94-1	0.01	0.01	-0.01	0.00	226.17	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	94.60	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	44.28	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	44.39	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.01	43.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	0.00	-0.02		ppb
Phosphorus	31-2	-20.07	-19.09	-19.15	-19.44		ppb
Potassium	39-2	2.26	0.90	0.33	1.16	85.20	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.15	-0.41	-0.56	-0.27		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	0.12	0.06	-0.04		ppb
Silicon	28-1	-3.54	-2.87	-2.94	-3.11		ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.46	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.81	ppb
Sodium	23-2	1.27	0.23	0.84	0.78	66.89	ppb
Strontium	86-1	-0.51	-0.62	-0.08	-0.40		ppb
Strontium	88-1	0.02	0.04	0.07	0.04	57.39	ppb
Sulfur	34-1	-90.24	-11.08	-57.91	-53.08		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.02	0.02	0.02	7.49	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	6.11	ppb
Tin	118-1	0.02	0.00	0.01	0.01	57.59	ppb
Titanium	47-1	0.01	0.01	0.03	0.02	78.38	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BL	Instrumnet Name :	P7
Client Sample ID :	PBS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:22:15	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	41.16	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	0.04	0.02	0.05	0.03	39.16	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	86.57	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	36.61	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BS	Instrumnet Name :	P7
Client Sample ID :	LCS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:25:33	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.77	39.52	39.59	39.96	1.75	ppb
Antimony	121-1	4.01	4.08	4.18	4.09	2.09	ppb
Arsenic	75-2	2.34	2.46	2.17	2.32	6.36	ppb
Barium	135-1	19.68	19.60	19.95	19.74	0.93	ppb
Barium	137-1	19.71	19.46	19.98	19.72	1.32	ppb
Beryllium	9-1	2.16	2.16	2.19	2.17	0.68	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.15	2.13	2.18	2.15	1.34	ppb
Cadmium	106-1	2.87	2.06	2.20	2.38	18.29	ppb
Cadmium	111-1	2.17	2.25	2.23	2.22	1.83	ppb
Calcium	43-1	1045.23	1035.14	1057.27	1045.88	1.06	ppb
Calcium	44-1	1020.87	1041.62	1047.49	1036.66	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.91	4.00	4.05	3.99	1.79	ppb
Cobalt	59-2	2.07	2.07	2.09	2.08	0.55	ppb
Copper	63-2	4.23	4.15	4.19	4.19	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				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	424.37	419.73	420.37	421.49	0.60	ppb
Iron	57-2	430.58	422.06	426.32	426.32	1.00	ppb
Iron	54-2	432.12	428.95	433.33	431.47	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BS	Instrumnet Name :	P7
Client Sample ID :	LCS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:25:33	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.83	1.92	1.91	1.88	2.71	ppb
Lead	207-1	1.86	1.89	1.86	1.87	0.90	ppb
Lead	208-1	1.84	1.92	1.87	1.88	2.13	ppb
Lithium	6-1				102		%
Magnesium	24-2	958.03	968.20	969.39	965.21	0.65	ppb
Manganese	55-2	2.04	2.05	2.06	2.05	0.65	ppb
Molybdenum	94-1	11.52	11.38	11.54	11.48	0.76	ppb
Molybdenum	95-1	9.74	9.87	9.88	9.83	0.80	ppb
Molybdenum	96-1	9.96	10.01	10.16	10.04	1.02	ppb
Molybdenum	97-1	9.85	10.02	9.96	9.94	0.88	ppb
Molybdenum	98-1	9.67	9.96	9.99	9.87	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	2.03	1.98	2.01	1.36	ppb
Phosphorus	31-2	36.07	33.73	31.97	33.92	6.06	ppb
Potassium	39-2	1047.83	1037.75	1045.69	1043.76	0.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	10.07	9.78	9.85	9.90	1.49	ppb
Selenium	77-2	11.15	13.17	13.82	12.71	10.93	ppb
Selenium	78-2	11.64	10.37	10.45	10.82	6.58	ppb
Silicon	28-1	4.51	5.58	6.26	5.45	16.12	ppb
Silver	107-1	2.10	2.13	2.15	2.13	1.25	ppb
Silver	109-1	2.08	2.09	2.18	2.12	2.54	ppb
Sodium	23-2	954.81	954.46	952.89	954.05	0.11	ppb
Strontium	86-1	48.19	50.13	48.77	49.03	2.02	ppb
Strontium	88-1	49.76	49.46	50.45	49.89	1.01	ppb
Sulfur	34-1	-150.98	-90.57	-36.35	-92.63		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.85	1.92	1.90	1.89	1.69	ppb
Thallium	205-1	1.86	1.89	1.93	1.89	1.82	ppb
Tin	118-1	10.33	10.45	10.47	10.42	0.72	ppb
Titanium	47-1	2.43	2.46	2.52	2.47	1.80	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BS	Instrumnet Name :	P7
Client Sample ID :	LCS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:25:33	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.76	1.76	1.74	1.68	ppb
Vanadium	51-2	10.27	10.38	10.36	10.34	0.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	10.28	10.10	10.37	10.25	1.31	ppb
Zirconium	90-1	1.94	1.95	1.97	1.95	0.90	ppb
Zirconium	91-1	1.92	2.06	2.04	2.01	3.77	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:28:48	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.25	20.02	19.67	19.98	1.47	ppb
Antimony	121-1	2.01	2.06	2.05	2.04	1.41	ppb
Arsenic	75-2	1.12	1.16	1.08	1.12	3.29	ppb
Barium	135-1	10.02	9.98	10.20	10.07	1.20	ppb
Barium	137-1	9.78	9.99	9.99	9.92	1.23	ppb
Beryllium	9-1	1.06	1.10	1.10	1.08	2.08	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.15	0.97	1.07	1.07	8.63	ppb
Cadmium	106-1	1.00	1.01	1.16	1.06	8.65	ppb
Cadmium	111-1	1.07	1.09	1.13	1.09	2.50	ppb
Calcium	43-1	518.17	523.38	514.49	518.68	0.86	ppb
Calcium	44-1	519.85	522.20	514.19	518.75	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	1.96	2.01	1.98	1.66	ppb
Cobalt	59-2	1.06	1.00	1.03	1.03	3.11	ppb
Copper	63-2	2.08	2.13	2.00	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				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	209.70	210.04	211.77	210.50	0.53	ppb
Iron	57-2	215.20	211.68	212.35	213.08	0.88	ppb
Iron	54-2	213.31	215.08	213.68	214.02	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:28:48	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.95	0.95	0.94	0.95	0.77	ppb
Lead	207-1	0.93	0.94	0.92	0.93	0.96	ppb
Lead	208-1	0.93	0.95	0.95	0.94	0.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	477.04	474.40	481.17	477.54	0.71	ppb
Manganese	55-2	0.99	1.04	1.02	1.02	2.37	ppb
Molybdenum	94-1	5.62	5.87	5.76	5.75	2.18	ppb
Molybdenum	95-1	4.87	4.92	5.02	4.94	1.52	ppb
Molybdenum	96-1	4.98	5.13	5.17	5.09	2.02	ppb
Molybdenum	97-1	4.85	4.93	5.01	4.93	1.56	ppb
Molybdenum	98-1	4.85	4.98	4.99	4.94	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.00	1.02	1.03	2.29	ppb
Phosphorus	31-2	6.02	10.27	5.40	7.23	36.70	ppb
Potassium	39-2	517.90	513.09	519.16	516.72	0.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	4.85	4.57	4.97	4.79	4.29	ppb
Selenium	77-2	5.36	5.62	5.62	5.54	2.68	ppb
Selenium	78-2	4.63	4.66	6.08	5.12	16.24	ppb
Silicon	28-1	1.36	1.96	2.04	1.79	20.90	ppb
Silver	107-1	1.07	1.07	1.06	1.06	0.72	ppb
Silver	109-1	1.05	1.06	1.08	1.07	1.34	ppb
Sodium	23-2	472.19	468.82	473.85	471.62	0.54	ppb
Strontium	86-1	23.52	24.31	24.26	24.03	1.84	ppb
Strontium	88-1	24.74	25.12	24.96	24.94	0.77	ppb
Sulfur	34-1	-153.88	-170.87	-198.01	-174.25		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.95	0.95	0.94	0.95	0.59	ppb
Thallium	205-1	0.97	0.96	0.94	0.96	1.49	ppb
Tin	118-1	5.19	5.18	5.32	5.23	1.53	ppb
Titanium	47-1	1.19	1.21	1.19	1.20	1.08	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:28:48	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.84	0.86	0.85	1.60	ppb
Vanadium	51-2	5.00	5.08	5.10	5.06	1.06	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	5.34	5.28	5.18	5.27	1.59	ppb
Zirconium	90-1	0.98	0.98	0.99	0.98	0.90	ppb
Zirconium	91-1	0.99	0.98	0.98	0.98	0.78	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:32:06	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28013.13	28302.93	28304.53	28206.87	0.59	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	12.98	ppb
Arsenic	75-2	15.06	15.46	15.78	15.44	2.34	ppb
Barium	135-1	320.04	321.85	318.95	320.28	0.46	ppb
Barium	137-1	331.03	334.88	332.94	332.95	0.58	ppb
Beryllium	9-1	1.11	1.08	1.17	1.12	3.69	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.64	0.78	0.70	0.70	9.96	ppb
Cadmium	106-1	1.29	1.28	1.34	1.30	2.74	ppb
Cadmium	111-1	0.51	0.47	0.47	0.48	4.34	ppb
Calcium	43-1	15486.81	15583.69	15357.70	15476.07	0.73	ppb
Calcium	44-1	14875.15	14950.54	14615.32	14813.67	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.85	26.82	26.79	26.82	0.10	ppb
Cobalt	59-2	32.81	33.14	32.81	32.92	0.58	ppb
Copper	63-2	65.74	65.79	65.53	65.68	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	54045.13	54401.09	55072.08	54506.10	0.96	ppb
Iron	57-2	53991.66	53472.44	53317.82	53593.97	0.66	ppb
Iron	54-2	54917.34	54325.90	54325.18	54522.81	0.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:32:06	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.65	25.92	25.42	25.67	0.97	ppb
Lead	207-1	24.19	24.69	24.30	24.39	1.09	ppb
Lead	208-1	24.66	25.00	24.61	24.75	0.85	ppb
Lithium	6-1				108		%
Magnesium	24-2	15060.42	15181.98	15267.80	15170.07	0.69	ppb
Manganese	55-2	1888.19	1856.17	1885.11	1876.49	0.94	ppb
Molybdenum	94-1	3.01	2.94	3.09	3.01	2.61	ppb
Molybdenum	95-1	0.13	0.14	0.15	0.14	4.26	ppb
Molybdenum	96-1	0.77	0.82	0.79	0.79	3.01	ppb
Molybdenum	97-1	0.12	0.09	0.11	0.11	15.00	ppb
Molybdenum	98-1	0.10	0.09	0.11	0.10	9.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.25	32.11	32.30	32.22	0.31	ppb
Phosphorus	31-2	1639.74	1670.09	1669.29	1659.71	1.04	ppb
Potassium	39-2	6137.02	6197.75	6182.25	6172.34	0.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	0.50	0.23	0.35	0.36	37.71	ppb
Selenium	77-2	10.22	9.68	10.79	10.23	5.42	ppb
Selenium	78-2	1.37	1.33	1.67	1.45	12.85	ppb
Silicon	28-1	351.22	401.69	350.46	367.79	7.98	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.16	ppb
Silver	109-1	0.05	0.05	0.05	0.05	4.23	ppb
Sodium	23-2	97.96	97.92	97.70	97.86	0.14	ppb
Strontium	86-1	1397.49	1406.00	1396.56	1400.02	0.37	ppb
Strontium	88-1	1427.88	1451.61	1431.45	1436.98	0.89	ppb
Sulfur	34-1	-554.84	-666.64	-756.55	-659.35		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.21	0.21	0.20	0.21	2.49	ppb
Thallium	205-1	0.21	0.21	0.21	0.21	0.49	ppb
Tin	118-1	0.03	0.03	0.02	0.03	23.01	ppb
Titanium	47-1	85.08	85.88	86.41	85.79	0.78	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:32:06	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.60	0.59	0.59	1.97	ppb
Vanadium	51-2	65.53	65.48	65.16	65.39	0.31	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	159.68	160.29	161.24	160.41	0.49	ppb
Zirconium	90-1	1.61	1.62	1.62	1.61	0.30	ppb
Zirconium	91-1	1.60	1.61	1.67	1.62	2.33	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:35:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30718.28	30469.19	30345.77	30511.08	0.62	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	16.78	ppb
Arsenic	75-2	17.83	18.14	17.76	17.91	1.14	ppb
Barium	135-1	338.91	333.60	341.82	338.11	1.23	ppb
Barium	137-1	346.99	348.87	361.25	352.37	2.20	ppb
Beryllium	9-1	1.28	1.25	1.17	1.23	4.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	0.76	0.87	0.77	11.87	ppb
Cadmium	106-1	0.67	1.10	0.46	0.74	43.96	ppb
Cadmium	111-1	0.48	0.51	0.49	0.49	2.39	ppb
Calcium	43-1	16749.54	16832.29	16812.16	16798.00	0.26	ppb
Calcium	44-1	16004.77	16191.81	15970.46	16055.68	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.51	30.03	29.95	30.17	1.00	ppb
Cobalt	59-2	35.78	35.58	35.55	35.63	0.35	ppb
Copper	63-2	73.27	72.59	72.43	72.77	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	59666.69	58642.94	59245.63	59185.09	0.87	ppb
Iron	57-2	58629.43	58192.73	58683.80	58501.99	0.46	ppb
Iron	54-2	59550.43	59259.07	59379.69	59396.40	0.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:35:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.51	26.87	27.18	26.86	1.25	ppb
Lead	207-1	25.60	25.57	25.62	25.60	0.10	ppb
Lead	208-1	25.75	25.96	26.18	25.96	0.83	ppb
Lithium	6-1				109		%
Magnesium	24-2	16566.68	16443.78	16422.49	16477.65	0.47	ppb
Manganese	55-2	2043.87	2014.19	2006.38	2021.48	0.98	ppb
Molybdenum	94-1	3.01	3.11	3.11	3.08	1.88	ppb
Molybdenum	95-1	0.18	0.18	0.18	0.18	1.03	ppb
Molybdenum	96-1	0.87	0.83	0.87	0.86	2.33	ppb
Molybdenum	97-1	0.15	0.17	0.16	0.16	6.55	ppb
Molybdenum	98-1	0.14	0.13	0.15	0.14	8.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.20	36.52	35.68	36.14	1.17	ppb
Phosphorus	31-2	1972.69	1925.02	1939.92	1945.88	1.25	ppb
Potassium	39-2	6670.85	6653.78	6703.57	6676.07	0.38	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.21	0.12	0.04	0.13	66.59	ppb
Selenium	77-2	10.78	10.72	10.24	10.58	2.81	ppb
Selenium	78-2	1.57	2.04	1.64	1.75	14.28	ppb
Silicon	28-1	304.94	319.41	317.99	314.11	2.54	ppb
Silver	107-1	0.06	0.06	0.05	0.06	4.84	ppb
Silver	109-1	0.06	0.06	0.06	0.06	5.36	ppb
Sodium	23-2	104.16	103.12	102.89	103.39	0.65	ppb
Strontium	86-1	1486.71	1501.91	1485.93	1491.51	0.60	ppb
Strontium	88-1	1554.87	1562.68	1542.05	1553.20	0.67	ppb
Sulfur	34-1	-1003.43	-982.46	-939.91	-975.26		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.21	0.21	0.21	0.21	1.13	ppb
Thallium	205-1	0.22	0.22	0.22	0.22	0.55	ppb
Tin	118-1	0.03	0.04	0.05	0.04	22.48	ppb
Titanium	47-1	167.29	165.76	166.66	166.57	0.46	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:35:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.63	0.64	0.63	1.40	ppb
Vanadium	51-2	76.40	75.59	76.13	76.04	0.54	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	174.91	172.75	172.45	173.37	0.77	ppb
Zirconium	90-1	1.66	1.64	1.66	1.66	0.88	ppb
Zirconium	91-1	1.67	1.70	1.65	1.68	1.47	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:38:23	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5824.82	5703.69	5820.37	5782.96	1.19	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	55.14	ppb
Arsenic	75-2	3.41	3.30	3.29	3.34	1.99	ppb
Barium	135-1	63.31	62.66	64.04	63.34	1.10	ppb
Barium	137-1	63.16	63.05	63.28	63.16	0.18	ppb
Beryllium	9-1	0.22	0.27	0.23	0.24	12.35	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.15	0.15	0.15	5.85	ppb
Cadmium	106-1	-0.21	-0.03	-0.93	-0.39		ppb
Cadmium	111-1	0.09	0.08	0.02	0.06	54.11	ppb
Calcium	43-1	3098.88	3173.98	3175.92	3149.60	1.39	ppb
Calcium	44-1	3018.08	3027.23	3076.79	3040.70	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.51	5.47	5.54	5.51	0.67	ppb
Cobalt	59-2	6.74	6.72	6.84	6.77	0.97	ppb
Copper	63-2	13.54	13.60	13.63	13.59	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				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	11182.88	11159.32	11154.83	11165.68	0.13	ppb
Iron	57-2	11039.88	11127.27	11214.24	11127.13	0.78	ppb
Iron	54-2	11362.75	11255.96	11032.47	11217.06	1.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:38:23	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.06	5.01	4.98	5.02	0.86	ppb
Lead	207-1	4.72	4.69	4.71	4.71	0.28	ppb
Lead	208-1	4.81	4.84	4.82	4.83	0.34	ppb
Lithium	6-1				104		%
Magnesium	24-2	3142.56	3098.72	3070.08	3103.79	1.18	ppb
Manganese	55-2	386.97	386.32	385.68	386.32	0.17	ppb
Molybdenum	94-1	0.60	0.62	0.60	0.61	1.44	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	9.67	ppb
Molybdenum	96-1	0.15	0.17	0.14	0.15	8.50	ppb
Molybdenum	97-1	0.01	0.02	0.02	0.02	43.94	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	8.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.95	6.67	6.60	6.74	2.76	ppb
Phosphorus	31-2	317.04	328.63	310.46	318.71	2.89	ppb
Potassium	39-2	1296.64	1311.17	1281.93	1296.58	1.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.31	0.01	-0.16	-0.15		ppb
Selenium	77-2	1.90	1.67	1.77	1.78	6.45	ppb
Selenium	78-2	0.08	-0.33	0.84	0.20	298.12	ppb
Silicon	28-1	68.68	72.28	103.91	81.63	23.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.24	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.37	ppb
Sodium	23-2	19.74	19.32	19.03	19.36	1.85	ppb
Strontium	86-1	297.03	293.21	294.96	295.07	0.65	ppb
Strontium	88-1	297.76	296.88	298.31	297.65	0.24	ppb
Sulfur	34-1	-1198.68	-1118.33	-1057.69	-1124.90		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.65	ppb
Thallium	205-1	0.04	0.05	0.05	0.04	12.33	ppb
Tin	118-1	0.03	0.01	0.04	0.02	66.65	ppb
Titanium	47-1	16.92	17.20	17.70	17.28	2.29	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:38:23	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.11	0.11	0.11	3.14	ppb
Vanadium	51-2	13.23	13.38	13.15	13.25	0.87	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	32.64	32.74	33.36	32.91	1.19	ppb
Zirconium	90-1	0.33	0.34	0.36	0.34	4.17	ppb
Zirconium	91-1	0.37	0.34	0.33	0.34	5.74	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:41:32	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29703.67	29631.89	29600.36	29645.31	0.18	ppb
Antimony	121-1	70.42	71.28	70.43	70.71	0.70	ppb
Arsenic	75-2	51.53	51.39	49.46	50.79	2.28	ppb
Barium	135-1	1880.44	1892.76	1868.69	1880.63	0.64	ppb
Barium	137-1	1865.93	1889.63	1863.49	1873.02	0.77	ppb
Beryllium	9-1	41.00	39.10	40.82	40.31	2.60	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.69	34.94	34.11	33.91	3.36	ppb
Cadmium	106-1	33.84	34.30	33.38	33.84	1.35	ppb
Cadmium	111-1	37.22	37.79	37.57	37.53	0.75	ppb
Calcium	43-1	15438.53	15653.69	15796.77	15629.66	1.15	ppb
Calcium	44-1	14837.05	15039.86	15102.05	14992.99	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	177.17	179.02	177.69	177.96	0.54	ppb
Cobalt	59-2	411.12	411.35	409.90	410.79	0.19	ppb
Copper	63-2	248.79	246.06	243.18	246.01	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	55374.03	55331.06	55207.80	55304.30	0.16	ppb
Iron	57-2	54827.23	54424.77	54704.16	54652.05	0.38	ppb
Iron	54-2	55787.37	55683.87	55717.02	55729.42	0.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:41:32	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.73	40.07	39.74	39.85	0.49	ppb
Lead	207-1	37.30	37.32	37.46	37.36	0.24	ppb
Lead	208-1	38.08	38.36	38.27	38.24	0.38	ppb
Lithium	6-1				108		%
Magnesium	24-2	15208.45	15248.45	15163.79	15206.89	0.28	ppb
Manganese	55-2	2255.97	2255.69	2240.90	2250.86	0.38	ppb
Molybdenum	94-1	2.99	2.91	2.99	2.96	1.56	ppb
Molybdenum	95-1	0.13	0.15	0.15	0.14	7.21	ppb
Molybdenum	96-1	0.80	0.79	0.81	0.80	1.32	ppb
Molybdenum	97-1	0.11	0.11	0.12	0.11	6.49	ppb
Molybdenum	98-1	0.10	0.12	0.11	0.11	7.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	401.95	402.15	399.87	401.32	0.31	ppb
Phosphorus	31-2	1664.29	1654.17	1639.65	1652.70	0.75	ppb
Potassium	39-2	6171.01	6210.75	6224.89	6202.22	0.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	35.01	35.80	35.33	35.38	1.12	ppb
Selenium	77-2	43.75	48.70	47.60	46.68	5.57	ppb
Selenium	78-2	39.59	41.81	42.84	41.41	4.00	ppb
Silicon	28-1	350.35	337.62	338.30	342.09	2.09	ppb
Silver	107-1	38.32	39.19	38.92	38.81	1.15	ppb
Silver	109-1	38.68	39.37	39.14	39.07	0.90	ppb
Sodium	23-2	95.88	96.60	94.68	95.72	1.01	ppb
Strontium	86-1	1379.73	1410.64	1406.89	1399.09	1.21	ppb
Strontium	88-1	1443.44	1442.40	1454.02	1446.62	0.44	ppb
Sulfur	34-1	-1042.94	-1035.09	-967.51	-1015.18		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	33.81	33.44	33.62	33.62	0.55	ppb
Thallium	205-1	33.66	33.81	33.81	33.76	0.25	ppb
Tin	118-1	0.04	0.01	0.01	0.02	66.41	ppb
Titanium	47-1	96.32	96.79	98.04	97.05	0.91	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:41:32	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.59	0.60	0.60	1.21	ppb
Vanadium	51-2	446.54	449.91	444.10	446.85	0.65	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	531.08	534.16	535.58	533.61	0.43	ppb
Zirconium	90-1	1.56	1.59	1.61	1.59	1.67	ppb
Zirconium	91-1	1.58	1.59	1.63	1.60	1.45	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:44:35	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33124.62	33405.85	32855.85	33128.77	0.83	ppb
Antimony	121-1	295.76	307.95	309.25	304.32	2.44	ppb
Arsenic	75-2	168.04	165.41	165.46	166.30	0.91	ppb
Barium	135-1	6276.11	6519.48	6443.95	6413.18	1.94	ppb
Barium	137-1	6234.57	6486.44	6430.54	6383.85	2.07	ppb
Beryllium	9-1	150.18	160.39	158.58	156.38	3.48	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	136.02	143.03	144.19	141.08	3.13	ppb
Cadmium	106-1	133.33	141.55	140.60	138.50	3.25	ppb
Cadmium	111-1	148.98	155.76	154.72	153.15	2.38	ppb
Calcium	43-1	14344.37	15061.63	15214.56	14873.52	3.12	ppb
Calcium	44-1	13880.95	14454.15	14615.03	14316.71	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	631.78	639.77	642.89	638.15	0.90	ppb
Cobalt	59-2	1561.16	1576.00	1568.64	1568.60	0.47	ppb
Copper	63-2	798.99	795.85	796.34	797.06	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	55911.80	56328.31	56424.10	56221.40	0.48	ppb
Iron	57-2	55416.25	55682.37	56100.90	55733.17	0.62	ppb
Iron	54-2	56442.02	57181.50	57194.98	56939.50	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:44:35	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.52	84.21	83.78	82.84	2.44	ppb
Lead	207-1	74.07	77.68	76.69	76.15	2.45	ppb
Lead	208-1	79.21	83.46	82.13	81.60	2.66	ppb
Lithium	6-1				109		%
Magnesium	24-2	14753.02	14865.80	14632.94	14750.59	0.79	ppb
Manganese	55-2	3290.61	3344.63	3340.89	3325.37	0.91	ppb
Molybdenum	94-1	2.77	2.89	2.95	2.87	3.25	ppb
Molybdenum	95-1	0.17	0.17	0.17	0.17	0.67	ppb
Molybdenum	96-1	0.79	0.77	0.82	0.79	2.60	ppb
Molybdenum	97-1	0.14	0.12	0.12	0.13	5.94	ppb
Molybdenum	98-1	0.15	0.15	0.17	0.16	8.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1574.83	1606.11	1617.85	1599.60	1.39	ppb
Phosphorus	31-2	1635.54	1630.22	1609.07	1624.94	0.86	ppb
Potassium	39-2	5998.18	6023.47	5953.46	5991.70	0.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	290.74	306.71	308.55	302.00	3.24	ppb
Selenium	77-2	344.92	350.12	359.87	351.63	2.16	ppb
Selenium	78-2	344.17	338.22	342.73	341.71	0.91	ppb
Silicon	28-1	306.69	352.91	308.64	322.75	8.10	ppb
Silver	107-1	149.94	156.12	156.00	154.02	2.30	ppb
Silver	109-1	148.65	154.96	155.51	153.04	2.49	ppb
Sodium	23-2	93.96	97.09	96.85	95.96	1.81	ppb
Strontium	86-1	1307.19	1349.93	1374.38	1343.83	2.53	ppb
Strontium	88-1	1332.94	1411.22	1409.88	1384.68	3.24	ppb
Sulfur	34-1	-1264.54	-1208.94	-1158.94	-1210.81		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	144.39	151.00	151.16	148.85	2.60	ppb
Thallium	205-1	144.85	151.34	153.08	149.76	2.89	ppb
Tin	118-1	0.06	0.10	0.05	0.07	35.33	ppb
Titanium	47-1	88.21	93.97	91.28	91.15	3.17	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:44:35	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.54	0.57	0.58	0.57	3.19	ppb
Vanadium	51-2	1550.68	1562.94	1555.72	1556.45	0.40	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	1746.77	1730.80	1740.50	1739.36	0.46	ppb
Zirconium	90-1	1.49	1.57	1.56	1.54	2.77	ppb
Zirconium	91-1	1.55	1.61	1.61	1.59	2.28	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:47:28	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27256.73	27121.37	27535.56	27304.55	0.77	ppb
Antimony	121-1	0.13	0.11	0.11	0.12	10.89	ppb
Arsenic	75-2	22.25	22.44	23.37	22.69	2.65	ppb
Barium	135-1	398.11	408.03	406.36	404.16	1.31	ppb
Barium	137-1	414.53	424.42	425.17	421.37	1.41	ppb
Beryllium	9-1	1.51	1.51	1.41	1.48	3.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	1.29	1.04	1.13	12.34	ppb
Cadmium	106-1	2.33	2.63	3.18	2.71	15.91	ppb
Cadmium	111-1	0.54	0.59	0.66	0.60	9.97	ppb
Calcium	43-1	18646.39	19210.60	19011.61	18956.20	1.51	ppb
Calcium	44-1	17912.10	18248.65	18324.02	18161.59	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.08	35.52	36.05	35.88	0.87	ppb
Cobalt	59-2	24.12	23.83	24.40	24.12	1.19	ppb
Copper	63-2	59.42	59.07	59.54	59.34	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	43579.96	43131.37	43578.39	43429.91	0.60	ppb
Iron	57-2	42773.84	42175.55	42933.15	42627.51	0.94	ppb
Iron	54-2	43496.92	43327.84	43485.20	43436.65	0.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:47:28	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.90	34.36	34.47	34.24	0.88	ppb
Lead	207-1	32.50	33.15	33.29	32.98	1.29	ppb
Lead	208-1	32.87	33.50	33.69	33.35	1.28	ppb
Lithium	6-1				107		%
Magnesium	24-2	14186.46	14038.72	14095.32	14106.83	0.53	ppb
Manganese	55-2	1395.81	1395.54	1412.64	1401.33	0.70	ppb
Molybdenum	94-1	15.45	15.78	15.89	15.71	1.47	ppb
Molybdenum	95-1	0.21	0.23	0.21	0.22	5.70	ppb
Molybdenum	96-1	2.10	2.18	2.21	2.16	2.70	ppb
Molybdenum	97-1	0.22	0.21	0.22	0.21	3.02	ppb
Molybdenum	98-1	0.21	0.20	0.21	0.20	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.12	38.56	38.72	38.47	0.82	ppb
Phosphorus	31-2	2904.60	2829.40	2869.17	2867.72	1.31	ppb
Potassium	39-2	6355.62	6398.71	6451.23	6401.85	0.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.48	0.26	-0.23	0.17	217.58	ppb
Selenium	77-2	12.83	12.48	11.13	12.15	7.39	ppb
Selenium	78-2	2.31	1.65	1.85	1.94	17.51	ppb
Silicon	28-1	835.80	886.29	977.79	899.96	8.00	ppb
Silver	107-1	0.16	0.16	0.16	0.16	1.09	ppb
Silver	109-1	0.15	0.16	0.15	0.15	5.60	ppb
Sodium	23-2	95.83	93.32	94.59	94.58	1.33	ppb
Strontium	86-1	1888.44	1945.39	1925.18	1919.67	1.50	ppb
Strontium	88-1	1961.59	2014.15	1972.46	1982.73	1.40	ppb
Sulfur	34-1	-681.29	-588.76	-511.26	-593.77		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.21	0.22	0.22	0.22	3.58	ppb
Thallium	205-1	0.22	0.22	0.22	0.22	1.16	ppb
Tin	118-1	0.10	0.07	0.08	0.09	18.79	ppb
Titanium	47-1	67.28	67.46	66.73	67.16	0.57	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:47:28	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.67	0.68	0.67	1.64	ppb
Vanadium	51-2	65.77	65.34	66.07	65.73	0.56	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	199.41	197.88	200.09	199.13	0.57	ppb
Zirconium	90-1	8.48	8.88	8.77	8.71	2.38	ppb
Zirconium	91-1	8.61	8.88	8.90	8.80	1.87	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:50:37	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30209.07	29775.31	29899.06	29961.15	0.75	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	2.30	ppb
Arsenic	75-2	25.39	24.81	24.91	25.04	1.24	ppb
Barium	135-1	442.82	445.29	460.44	449.52	2.12	ppb
Barium	137-1	442.74	466.06	460.33	456.37	2.66	ppb
Beryllium	9-1	1.50	1.56	1.57	1.54	2.44	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.30	1.20	1.31	1.27	5.00	ppb
Cadmium	106-1	2.66	2.66	1.51	2.28	29.13	ppb
Cadmium	111-1	0.56	0.62	0.53	0.57	8.33	ppb
Calcium	43-1	19598.03	20030.98	20017.77	19882.26	1.24	ppb
Calcium	44-1	18520.57	19514.47	19298.17	19111.07	2.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.79	39.18	39.13	39.36	0.93	ppb
Cobalt	59-2	26.66	26.45	26.51	26.54	0.41	ppb
Copper	63-2	64.51	63.74	63.40	63.88	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				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	47576.21	46857.46	47104.58	47179.42	0.77	ppb
Iron	57-2	47134.92	46554.02	46256.68	46648.54	0.96	ppb
Iron	54-2	47988.23	47079.64	47627.13	47565.00	0.96	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:50:37	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.93	36.61	36.46	36.33	0.98	ppb
Lead	207-1	34.40	35.50	35.74	35.21	2.03	ppb
Lead	208-1	34.73	35.79	35.89	35.47	1.81	ppb
Lithium	6-1				106		%
Magnesium	24-2	15503.41	15333.66	15382.88	15406.65	0.57	ppb
Manganese	55-2	1480.10	1463.55	1473.22	1472.29	0.56	ppb
Molybdenum	94-1	16.48	17.10	17.01	16.87	1.99	ppb
Molybdenum	95-1	0.26	0.31	0.30	0.29	8.72	ppb
Molybdenum	96-1	2.26	2.40	2.35	2.34	2.95	ppb
Molybdenum	97-1	0.27	0.27	0.28	0.27	2.02	ppb
Molybdenum	98-1	0.26	0.27	0.27	0.27	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.69	42.18	41.90	41.92	0.59	ppb
Phosphorus	31-2	3172.45	3164.59	3188.30	3175.11	0.38	ppb
Potassium	39-2	7017.12	6954.19	6996.44	6989.25	0.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.39	0.73	-0.23	0.30	164.18	ppb
Selenium	77-2	14.65	12.32	12.13	13.03	10.75	ppb
Selenium	78-2	3.72	2.69	2.62	3.01	20.36	ppb
Silicon	28-1	847.28	851.35	885.71	861.45	2.45	ppb
Silver	107-1	0.14	0.13	0.14	0.14	2.14	ppb
Silver	109-1	0.13	0.14	0.13	0.14	1.81	ppb
Sodium	23-2	104.59	102.28	104.31	103.72	1.22	ppb
Strontium	86-1	2005.25	2083.14	2101.06	2063.15	2.47	ppb
Strontium	88-1	2067.36	2147.41	2148.73	2121.17	2.20	ppb
Sulfur	34-1	-730.77	-495.38	-488.80	-571.65		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.21	0.22	0.22	0.22	3.98	ppb
Thallium	205-1	0.22	0.22	0.22	0.22	0.78	ppb
Tin	118-1	0.12	0.12	0.12	0.12	3.00	ppb
Titanium	47-1	91.63	101.29	97.18	96.70	5.01	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:50:37	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.71	0.72	0.71	2.29	ppb
Vanadium	51-2	70.77	70.41	70.08	70.42	0.49	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	219.50	216.51	216.14	217.38	0.85	ppb
Zirconium	90-1	9.01	9.48	9.42	9.30	2.75	ppb
Zirconium	91-1	9.17	9.53	9.61	9.44	2.47	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:53:43	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5629.04	5659.27	5694.96	5661.09	0.58	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	1.32	ppb
Arsenic	75-2	5.02	5.18	5.06	5.09	1.64	ppb
Barium	135-1	82.19	82.38	83.38	82.65	0.77	ppb
Barium	137-1	81.75	82.69	82.78	82.41	0.69	ppb
Beryllium	9-1	0.30	0.27	0.30	0.29	5.41	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.28	0.30	0.26	0.28	6.77	ppb
Cadmium	106-1	0.02	0.59	-0.01	0.20	167.06	ppb
Cadmium	111-1	0.07	0.14	0.07	0.09	43.51	ppb
Calcium	43-1	3950.58	3989.13	3903.73	3947.81	1.08	ppb
Calcium	44-1	3743.52	3814.45	3814.67	3790.88	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.44	7.36	7.43	7.41	0.60	ppb
Cobalt	59-2	4.95	4.99	5.07	5.00	1.28	ppb
Copper	63-2	12.40	12.45	12.40	12.42	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				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	8945.70	8967.74	8968.62	8960.69	0.14	ppb
Iron	57-2	8943.91	8975.13	8985.72	8968.25	0.24	ppb
Iron	54-2	8994.06	9026.01	8978.78	8999.62	0.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:53:43	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.81	6.87	6.78	6.82	0.64	ppb
Lead	207-1	6.46	6.62	6.37	6.49	1.93	ppb
Lead	208-1	6.56	6.72	6.57	6.61	1.35	ppb
Lithium	6-1				101		%
Magnesium	24-2	2871.98	2936.63	2884.61	2897.74	1.18	ppb
Manganese	55-2	289.37	288.73	291.32	289.81	0.46	ppb
Molybdenum	94-1	3.37	3.47	3.51	3.45	1.96	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	4.27	ppb
Molybdenum	96-1	0.44	0.45	0.47	0.45	3.11	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	21.07	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	8.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.85	8.07	8.26	8.06	2.52	ppb
Phosphorus	31-2	573.14	594.27	551.45	572.95	3.74	ppb
Potassium	39-2	1347.13	1360.09	1357.68	1354.97	0.51	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.23	-0.46	-0.31	-0.33		ppb
Selenium	77-2	3.45	2.45	2.58	2.83	19.23	ppb
Selenium	78-2	0.29	1.13	0.20	0.54	95.33	ppb
Silicon	28-1	186.31	179.94	182.27	182.84	1.76	ppb
Silver	107-1	0.03	0.03	0.03	0.03	1.04	ppb
Silver	109-1	0.03	0.02	0.03	0.03	10.35	ppb
Sodium	23-2	17.87	18.47	17.90	18.08	1.87	ppb
Strontium	86-1	408.01	423.05	412.70	414.59	1.86	ppb
Strontium	88-1	414.76	421.93	413.74	416.81	1.07	ppb
Sulfur	34-1	-1143.27	-1086.77	-1089.70	-1106.58		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.04	0.04	6.07	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.52	ppb
Tin	118-1	0.01	0.02	0.02	0.02	30.50	ppb
Titanium	47-1	14.80	14.16	13.65	14.20	4.06	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:53:43	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.13	0.13	0.13	0.13	2.25	ppb
Vanadium	51-2	13.32	13.51	13.45	13.43	0.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	40.61	40.89	41.20	40.90	0.73	ppb
Zirconium	90-1	1.88	1.90	1.86	1.88	1.21	ppb
Zirconium	91-1	1.84	1.95	1.90	1.89	2.86	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:56:56	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28743.92	28562.34	28295.69	28533.98	0.79	ppb
Antimony	121-1	72.00	71.83	73.20	72.34	1.03	ppb
Arsenic	75-2	58.45	58.23	56.51	57.73	1.84	ppb
Barium	135-1	1782.69	1750.53	1772.77	1768.66	0.93	ppb
Barium	137-1	1787.25	1770.49	1789.01	1782.25	0.57	ppb
Beryllium	9-1	36.15	36.44	35.90	36.16	0.76	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.94	35.79	34.40	35.38	2.40	ppb
Cadmium	106-1	35.90	35.29	36.49	35.89	1.67	ppb
Cadmium	111-1	37.79	38.18	38.62	38.19	1.09	ppb
Calcium	43-1	18650.48	18995.79	19107.21	18917.83	1.26	ppb
Calcium	44-1	17897.18	18356.90	18283.50	18179.19	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	169.75	168.85	167.63	168.75	0.63	ppb
Cobalt	59-2	361.51	365.72	359.50	362.24	0.88	ppb
Copper	63-2	214.17	211.23	211.13	212.18	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	43525.13	43114.41	43108.79	43249.44	0.55	ppb
Iron	57-2	43725.47	43377.44	42826.84	43309.92	1.05	ppb
Iron	54-2	43992.21	44021.18	43444.35	43819.25	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:56:56	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.99	48.70	48.31	48.33	0.73	ppb
Lead	207-1	45.54	46.89	46.20	46.21	1.46	ppb
Lead	208-1	46.50	47.11	46.71	46.78	0.66	ppb
Lithium	6-1				104		%
Magnesium	24-2	14109.98	13977.75	13971.03	14019.58	0.56	ppb
Manganese	55-2	1704.54	1693.45	1673.55	1690.51	0.93	ppb
Molybdenum	94-1	15.38	15.75	15.54	15.56	1.19	ppb
Molybdenum	95-1	0.23	0.24	0.23	0.23	4.29	ppb
Molybdenum	96-1	2.14	2.16	2.17	2.16	0.58	ppb
Molybdenum	97-1	0.23	0.20	0.22	0.22	6.62	ppb
Molybdenum	98-1	0.23	0.22	0.22	0.22	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	369.80	364.29	364.49	366.20	0.85	ppb
Phosphorus	31-2	2858.91	2860.80	2854.56	2858.09	0.11	ppb
Potassium	39-2	6397.62	6366.02	6298.19	6353.94	0.80	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	48.42	48.21	48.04	48.22	0.40	ppb
Selenium	77-2	65.05	66.70	63.47	65.07	2.49	ppb
Selenium	78-2	55.30	58.29	57.74	57.11	2.78	ppb
Silicon	28-1	818.53	862.45	863.62	848.20	3.03	ppb
Silver	107-1	35.42	35.81	36.21	35.81	1.10	ppb
Silver	109-1	35.46	35.71	36.05	35.74	0.83	ppb
Sodium	23-2	107.64	105.09	105.66	106.13	1.26	ppb
Strontium	86-1	1914.09	1931.39	1890.31	1911.93	1.08	ppb
Strontium	88-1	1955.54	1978.14	1954.42	1962.70	0.68	ppb
Sulfur	34-1	-779.43	-609.18	-576.96	-655.19		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	34.28	34.70	34.44	34.47	0.63	ppb
Thallium	205-1	34.56	34.53	34.39	34.49	0.27	ppb
Tin	118-1	0.10	0.10	0.09	0.10	5.25	ppb
Titanium	47-1	70.23	71.69	73.67	71.86	2.41	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:56:56	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.66	0.67	0.66	1.05	ppb
Vanadium	51-2	398.70	399.25	396.33	398.10	0.39	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	537.91	531.99	534.05	534.65	0.56	ppb
Zirconium	90-1	8.53	8.78	8.59	8.64	1.50	ppb
Zirconium	91-1	8.76	8.93	8.77	8.82	1.07	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:59:57	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32029.00	31831.73	31946.51	31935.75	0.31	ppb
Antimony	121-1	303.81	303.01	302.67	303.17	0.19	ppb
Arsenic	75-2	162.65	166.05	165.09	164.60	1.07	ppb
Barium	135-1	6164.59	6261.92	6193.61	6206.71	0.81	ppb
Barium	137-1	6161.75	6173.38	6133.58	6156.24	0.33	ppb
Beryllium	9-1	146.15	148.03	150.20	148.13	1.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	136.91	140.96	137.70	138.53	1.55	ppb
Cadmium	106-1	136.57	137.85	135.97	136.80	0.70	ppb
Cadmium	111-1	151.34	154.19	152.31	152.61	0.95	ppb
Calcium	43-1	18119.73	18501.28	18511.15	18377.38	1.21	ppb
Calcium	44-1	17554.72	17747.70	17764.53	17688.98	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	618.43	615.11	607.08	613.54	0.95	ppb
Cobalt	59-2	1449.66	1444.62	1451.88	1448.72	0.26	ppb
Copper	63-2	742.02	740.49	737.23	739.92	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	45341.55	45021.04	44304.27	44888.95	1.18	ppb
Iron	57-2	44726.87	44228.99	44422.11	44459.32	0.56	ppb
Iron	54-2	46123.77	45750.86	45360.67	45745.10	0.83	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:59:57	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	91.51	89.73	91.90	91.05	1.27	ppb
Lead	207-1	85.20	83.56	85.46	84.74	1.22	ppb
Lead	208-1	90.17	89.32	90.63	90.04	0.74	ppb
Lithium	6-1				106		%
Magnesium	24-2	13708.88	13566.03	13641.04	13638.65	0.52	ppb
Manganese	55-2	2769.11	2732.87	2719.33	2740.44	0.94	ppb
Molybdenum	94-1	15.30	15.25	16.41	15.65	4.20	ppb
Molybdenum	95-1	0.25	0.26	0.26	0.26	2.53	ppb
Molybdenum	96-1	2.11	2.10	2.14	2.12	0.90	ppb
Molybdenum	97-1	0.24	0.26	0.24	0.25	4.43	ppb
Molybdenum	98-1	0.27	0.27	0.27	0.27	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1489.31	1496.99	1483.56	1489.95	0.45	ppb
Phosphorus	31-2	2791.37	2760.78	2762.71	2771.62	0.62	ppb
Potassium	39-2	6212.14	6076.09	6123.89	6137.37	1.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	285.72	289.15	291.57	288.81	1.02	ppb
Selenium	77-2	329.58	337.35	331.95	332.96	1.20	ppb
Selenium	78-2	312.97	336.32	319.09	322.79	3.75	ppb
Silicon	28-1	815.41	832.35	844.18	830.65	1.74	ppb
Silver	107-1	145.68	146.86	145.42	145.99	0.53	ppb
Silver	109-1	145.88	145.76	146.23	145.96	0.17	ppb
Sodium	23-2	91.75	92.04	89.07	90.96	1.80	ppb
Strontium	86-1	1857.71	1856.36	1869.68	1861.25	0.39	ppb
Strontium	88-1	1925.12	1914.25	1920.16	1919.84	0.28	ppb
Sulfur	34-1	-871.28	-770.60	-810.33	-817.41		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	146.40	145.50	148.69	146.86	1.12	ppb
Thallium	205-1	149.70	148.34	148.83	148.96	0.46	ppb
Tin	118-1	0.09	0.09	0.09	0.09	2.54	ppb
Titanium	47-1	67.89	69.60	69.23	68.91	1.31	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:59:57	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.63	0.66	0.64	1.67	ppb
Vanadium	51-2	1479.80	1453.38	1462.56	1465.25	0.92	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	1676.54	1649.10	1682.41	1669.35	1.06	ppb
Zirconium	90-1	8.29	8.41	8.50	8.40	1.25	ppb
Zirconium	91-1	8.57	8.62	8.53	8.57	0.54	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:02:54	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31654.25	31333.20	31483.21	31490.22	0.51	ppb
Antimony	121-1	0.73	0.73	0.74	0.73	0.77	ppb
Arsenic	75-2	53.10	53.56	53.09	53.25	0.51	ppb
Barium	135-1	301.97	300.69	300.79	301.15	0.24	ppb
Barium	137-1	319.04	310.09	315.03	314.72	1.43	ppb
Beryllium	9-1	1.20	1.20	1.32	1.24	5.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.13	1.97	1.61	1.90	14.05	ppb
Cadmium	106-1	3.04	2.93	2.61	2.86	7.74	ppb
Cadmium	111-1	0.88	0.95	0.90	0.91	4.36	ppb
Calcium	43-1	20266.58	20567.51	20771.86	20535.32	1.24	ppb
Calcium	44-1	19826.35	19841.76	19900.79	19856.30	0.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86.70	85.52	86.61	86.28	0.76	ppb
Cobalt	59-2	45.68	44.87	45.26	45.27	0.90	ppb
Copper	63-2	136.20	134.70	135.36	135.42	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	94200.23	93768.02	93302.91	93757.05	0.48	ppb
Iron	57-2	92820.82	91423.41	93065.31	92436.52	0.96	ppb
Iron	54-2	94662.25	93434.73	93052.00	93716.32	0.90	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:02:54	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.36	43.77	43.74	43.62	0.53	ppb
Lead	207-1	42.49	42.76	42.85	42.70	0.43	ppb
Lead	208-1	42.58	42.89	42.80	42.76	0.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	17652.84	17565.44	17614.30	17610.86	0.25	ppb
Manganese	55-2	1660.13	1659.18	1638.49	1652.60	0.74	ppb
Molybdenum	94-1	24.22	24.59	24.52	24.44	0.79	ppb
Molybdenum	95-1	0.97	0.99	0.96	0.97	1.41	ppb
Molybdenum	96-1	4.07	4.08	4.05	4.07	0.44	ppb
Molybdenum	97-1	0.97	1.00	0.96	0.98	2.42	ppb
Molybdenum	98-1	0.96	0.91	0.95	0.94	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.79	67.48	67.46	67.58	0.28	ppb
Phosphorus	31-2	2286.71	2244.84	2273.81	2268.45	0.95	ppb
Potassium	39-2	7009.95	7019.58	7027.84	7019.12	0.13	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.75	0.84	0.79	0.79	5.67	ppb
Selenium	77-2	11.56	10.67	11.28	11.17	4.08	ppb
Selenium	78-2	1.84	2.83	2.38	2.35	21.00	ppb
Silicon	28-1	993.13	1022.29	1017.82	1011.08	1.55	ppb
Silver	107-1	0.35	0.33	0.33	0.34	3.11	ppb
Silver	109-1	0.34	0.33	0.32	0.33	1.98	ppb
Sodium	23-2	242.53	240.40	243.16	242.03	0.60	ppb
Strontium	86-1	1853.98	1872.02	1869.93	1865.31	0.53	ppb
Strontium	88-1	1901.22	1944.09	1957.00	1934.10	1.51	ppb
Sulfur	34-1	-890.28	-767.00	-716.76	-791.35		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.28	0.28	0.28	0.28	1.44	ppb
Thallium	205-1	0.28	0.28	0.28	0.28	0.92	ppb
Tin	118-1	0.91	1.00	0.90	0.94	5.74	ppb
Titanium	47-1	987.48	1006.75	1037.68	1010.64	2.51	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:02:54	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.02	1.03	1.05	1.03	1.53	ppb
Vanadium	51-2	218.04	216.22	218.28	217.51	0.52	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	287.89	284.10	286.68	286.22	0.68	ppb
Zirconium	90-1	13.10	13.32	13.26	13.22	0.84	ppb
Zirconium	91-1	13.17	13.54	13.35	13.35	1.41	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:05:59	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31725.15	31819.73	31234.39	31593.09	0.99	ppb
Antimony	121-1	0.65	0.69	0.70	0.68	3.78	ppb
Arsenic	75-2	53.53	54.49	53.22	53.75	1.23	ppb
Barium	135-1	298.45	306.13	307.08	303.89	1.56	ppb
Barium	137-1	312.55	317.68	324.40	318.21	1.87	ppb
Beryllium	9-1	1.17	1.31	1.18	1.22	6.57	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.08	1.76	1.71	1.85	11.01	ppb
Cadmium	106-1	3.55	3.81	3.55	3.64	4.13	ppb
Cadmium	111-1	0.85	1.02	0.95	0.94	8.81	ppb
Calcium	43-1	20520.44	20875.72	20814.76	20736.97	0.92	ppb
Calcium	44-1	19804.46	19900.85	19806.88	19837.40	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86.69	87.15	86.24	86.69	0.52	ppb
Cobalt	59-2	44.75	44.79	44.67	44.73	0.13	ppb
Copper	63-2	137.88	138.19	136.85	137.64	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				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	93160.88	93654.32	93016.49	93277.23	0.36	ppb
Iron	57-2	92472.88	92623.04	91198.83	92098.25	0.85	ppb
Iron	54-2	93553.56	94465.08	92907.09	93641.91	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:05:59	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.54	43.74	44.23	43.83	0.81	ppb
Lead	207-1	42.34	42.35	43.16	42.61	1.10	ppb
Lead	208-1	42.59	42.78	43.19	42.85	0.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	17815.30	17894.47	17545.22	17751.66	1.03	ppb
Manganese	55-2	1644.87	1653.47	1636.71	1645.02	0.51	ppb
Molybdenum	94-1	24.14	24.65	24.57	24.45	1.11	ppb
Molybdenum	95-1	0.93	0.96	0.98	0.96	2.51	ppb
Molybdenum	96-1	4.01	4.08	4.05	4.05	0.87	ppb
Molybdenum	97-1	0.96	0.97	0.99	0.97	1.41	ppb
Molybdenum	98-1	0.91	0.96	1.00	0.96	5.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.15	67.55	66.69	67.13	0.65	ppb
Phosphorus	31-2	2292.56	2333.25	2241.53	2289.11	2.01	ppb
Potassium	39-2	6968.50	7032.41	6973.12	6991.34	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	0.64	0.64	0.71	0.66	5.98	ppb
Selenium	77-2	11.77	11.80	9.47	11.01	12.12	ppb
Selenium	78-2	2.36	3.09	1.71	2.39	28.87	ppb
Silicon	28-1	917.36	940.36	932.94	930.22	1.26	ppb
Silver	107-1	0.29	0.29	0.29	0.29	1.06	ppb
Silver	109-1	0.28	0.29	0.28	0.28	1.02	ppb
Sodium	23-2	236.84	244.31	235.26	238.80	2.02	ppb
Strontium	86-1	1836.67	1895.70	1867.77	1866.71	1.58	ppb
Strontium	88-1	1910.60	1930.59	1923.99	1921.73	0.53	ppb
Sulfur	34-1	-753.48	-685.63	-701.18	-713.43		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.24	0.27	0.26	5.48	ppb
Thallium	205-1	0.27	0.27	0.27	0.27	0.56	ppb
Tin	118-1	0.93	0.94	0.95	0.94	1.10	ppb
Titanium	47-1	983.39	996.72	991.54	990.55	0.68	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:05:59	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.02	1.02	1.02	0.46	ppb
Vanadium	51-2	218.06	218.96	215.87	217.63	0.73	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	281.40	282.39	282.06	281.95	0.18	ppb
Zirconium	90-1	13.06	13.26	13.23	13.19	0.80	ppb
Zirconium	91-1	13.05	13.48	13.52	13.35	1.96	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:09:07	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6648.16	6637.49	6707.36	6664.34	0.56	ppb
Antimony	121-1	0.14	0.13	0.16	0.14	9.46	ppb
Arsenic	75-2	12.00	11.74	11.87	11.87	1.11	ppb
Barium	135-1	62.48	61.31	61.95	61.92	0.95	ppb
Barium	137-1	61.55	60.91	61.81	61.43	0.75	ppb
Beryllium	9-1	0.23	0.24	0.25	0.24	4.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.31	0.47	0.40	20.51	ppb
Cadmium	106-1	-0.23	0.89	0.38	0.35	162.94	ppb
Cadmium	111-1	0.12	0.21	0.16	0.16	28.78	ppb
Calcium	43-1	4342.86	4349.17	4354.80	4348.94	0.14	ppb
Calcium	44-1	4163.69	4163.25	4123.06	4150.00	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.14	18.01	18.20	18.12	0.54	ppb
Cobalt	59-2	9.39	9.47	9.59	9.48	1.06	ppb
Copper	63-2	28.83	28.86	28.82	28.84	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				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	19643.50	19840.70	19600.53	19694.91	0.65	ppb
Iron	57-2	19818.37	19601.56	19584.87	19668.27	0.66	ppb
Iron	54-2	19774.83	19561.36	19652.21	19662.80	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:09:07	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.62	8.79	8.68	8.70	0.98	ppb
Lead	207-1	8.49	8.61	8.61	8.57	0.84	ppb
Lead	208-1	8.53	8.57	8.58	8.56	0.33	ppb
Lithium	6-1				103		%
Magnesium	24-2	3713.67	3753.70	3663.81	3710.39	1.21	ppb
Manganese	55-2	347.43	351.66	344.51	347.87	1.03	ppb
Molybdenum	94-1	5.14	5.29	5.23	5.22	1.43	ppb
Molybdenum	95-1	0.23	0.21	0.21	0.21	5.77	ppb
Molybdenum	96-1	0.85	0.85	0.90	0.87	3.19	ppb
Molybdenum	97-1	0.19	0.19	0.20	0.19	2.67	ppb
Molybdenum	98-1	0.18	0.19	0.20	0.19	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.22	14.18	14.27	14.22	0.35	ppb
Phosphorus	31-2	465.33	456.27	467.76	463.12	1.31	ppb
Potassium	39-2	1507.46	1519.07	1508.36	1511.63	0.43	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.07	0.29	-0.26	0.03	860.13	ppb
Selenium	77-2	2.34	2.19	3.34	2.62	23.74	ppb
Selenium	78-2	0.41	0.05	0.25	0.23	77.76	ppb
Silicon	28-1	221.81	217.08	219.52	219.47	1.08	ppb
Silver	107-1	0.06	0.07	0.06	0.06	5.14	ppb
Silver	109-1	0.06	0.06	0.06	0.06	2.35	ppb
Sodium	23-2	48.26	49.22	50.15	49.21	1.91	ppb
Strontium	86-1	398.63	401.87	400.58	400.36	0.41	ppb
Strontium	88-1	404.45	403.35	407.91	405.24	0.59	ppb
Sulfur	34-1	-959.85	-900.06	-918.21	-926.04		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.08	0.08	0.07	8.91	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	6.96	ppb
Tin	118-1	0.18	0.19	0.20	0.19	5.40	ppb
Titanium	47-1	207.71	208.24	207.14	207.70	0.26	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:09:07	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.21	0.20	0.20	4.20	ppb
Vanadium	51-2	45.06	45.63	45.63	45.44	0.73	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	59.84	60.47	60.03	60.11	0.54	ppb
Zirconium	90-1	2.78	2.84	2.85	2.82	1.28	ppb
Zirconium	91-1	2.87	2.89	2.89	2.88	0.34	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:12:16	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32257.40	32736.02	32642.10	32545.18	0.78	ppb
Antimony	121-1	70.75	71.52	71.43	71.23	0.60	ppb
Arsenic	75-2	90.83	90.76	89.34	90.31	0.93	ppb
Barium	135-1	2098.05	2095.19	2095.45	2096.23	0.08	ppb
Barium	137-1	2074.23	2083.76	2109.81	2089.27	0.88	ppb
Beryllium	9-1	47.15	46.58	47.21	46.98	0.74	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.33	35.18	35.04	34.85	1.31	ppb
Cadmium	106-1	35.98	35.76	37.42	36.39	2.47	ppb
Cadmium	111-1	37.19	37.10	37.76	37.35	0.96	ppb
Calcium	43-1	19740.89	20292.87	20166.62	20066.79	1.44	ppb
Calcium	44-1	19257.70	19559.95	19369.98	19395.87	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	263.16	263.78	262.26	263.07	0.29	ppb
Cobalt	59-2	486.68	488.13	483.86	486.22	0.45	ppb
Copper	63-2	349.27	345.27	345.92	346.82	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	91678.26	92659.28	92674.75	92337.43	0.62	ppb
Iron	57-2	91760.68	91608.13	91121.61	91496.81	0.36	ppb
Iron	54-2	91202.53	93749.08	93048.67	92666.76	1.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:12:16	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.51	56.52	57.83	56.95	1.33	ppb
Lead	207-1	54.54	54.48	55.76	54.92	1.32	ppb
Lead	208-1	54.83	55.09	56.07	55.33	1.18	ppb
Lithium	6-1				104		%
Magnesium	24-2	17178.68	17520.91	17350.83	17350.14	0.99	ppb
Manganese	55-2	2020.48	2047.25	2052.92	2040.22	0.85	ppb
Molybdenum	94-1	23.76	23.49	24.13	23.79	1.36	ppb
Molybdenum	95-1	0.98	0.96	0.96	0.97	1.49	ppb
Molybdenum	96-1	3.97	3.92	4.03	3.97	1.34	ppb
Molybdenum	97-1	0.97	0.97	0.92	0.95	2.77	ppb
Molybdenum	98-1	0.93	0.94	0.96	0.94	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.17	498.12	494.70	496.00	0.37	ppb
Phosphorus	31-2	2226.80	2217.06	2183.91	2209.26	1.02	ppb
Potassium	39-2	6760.09	6868.17	6738.72	6788.99	1.02	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	69.92	70.93	71.59	70.81	1.19	ppb
Selenium	77-2	86.35	90.44	86.52	87.77	2.64	ppb
Selenium	78-2	78.19	79.09	80.23	79.17	1.29	ppb
Silicon	28-1	1018.42	1055.40	1055.56	1043.12	2.05	ppb
Silver	107-1	41.36	41.05	42.85	41.75	2.30	ppb
Silver	109-1	41.32	42.53	43.21	42.36	2.27	ppb
Sodium	23-2	237.10	236.75	235.58	236.48	0.34	ppb
Strontium	86-1	1816.15	1826.70	1853.27	1832.04	1.04	ppb
Strontium	88-1	1893.58	1867.42	1905.12	1888.71	1.02	ppb
Sulfur	34-1	-770.73	-684.69	-705.32	-720.25		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	33.51	33.52	34.57	33.87	1.79	ppb
Thallium	205-1	33.38	33.39	34.41	33.73	1.75	ppb
Tin	118-1	0.89	0.88	0.86	0.88	1.56	ppb
Titanium	47-1	977.14	1012.05	985.33	991.51	1.84	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:12:16	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.01	1.03	1.02	0.97	ppb
Vanadium	51-2	644.43	642.96	647.10	644.83	0.33	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	711.50	720.44	714.68	715.54	0.63	ppb
Zirconium	90-1	12.84	12.89	13.11	12.95	1.11	ppb
Zirconium	91-1	12.74	13.23	13.18	13.05	2.06	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:15:18	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36133.63	36430.00	36055.55	36206.39	0.55	ppb
Antimony	121-1	282.98	289.81	282.83	285.21	1.40	ppb
Arsenic	75-2	193.39	193.22	191.94	192.85	0.41	ppb
Barium	135-1	6942.94	7124.97	7041.49	7036.47	1.29	ppb
Barium	137-1	6901.60	7126.53	7052.12	7026.75	1.63	ppb
Beryllium	9-1	168.10	172.08	168.33	169.50	1.32	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	129.36	134.07	131.56	131.66	1.79	ppb
Cadmium	106-1	127.86	133.90	128.50	130.09	2.55	ppb
Cadmium	111-1	139.00	144.14	140.68	141.27	1.86	ppb
Calcium	43-1	19533.05	20074.33	19967.83	19858.40	1.44	ppb
Calcium	44-1	18945.33	18983.35	19129.91	19019.53	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	746.71	741.18	742.75	743.55	0.38	ppb
Cobalt	59-2	1665.08	1685.31	1670.13	1673.51	0.63	ppb
Copper	63-2	905.66	907.70	911.93	908.43	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				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	93277.22	93219.27	93611.83	93369.44	0.23	ppb
Iron	57-2	92052.10	91796.65	91835.26	91894.67	0.15	ppb
Iron	54-2	93294.82	94174.31	94395.89	93955.01	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:15:18	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.11	97.74	97.05	96.30	2.00	ppb
Lead	207-1	88.32	92.47	91.42	90.74	2.38	ppb
Lead	208-1	94.21	97.57	96.01	95.93	1.76	ppb
Lithium	6-1				104		%
Magnesium	24-2	17201.78	17077.93	16984.24	17087.98	0.64	ppb
Manganese	55-2	3173.26	3201.32	3208.76	3194.45	0.59	ppb
Molybdenum	94-1	23.08	23.27	23.59	23.31	1.10	ppb
Molybdenum	95-1	0.96	0.97	0.95	0.96	1.38	ppb
Molybdenum	96-1	3.89	3.88	3.96	3.91	1.05	ppb
Molybdenum	97-1	0.90	0.91	0.94	0.92	2.27	ppb
Molybdenum	98-1	0.96	0.97	0.93	0.95	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1736.40	1756.07	1726.19	1739.55	0.87	ppb
Phosphorus	31-2	2180.20	2126.76	2175.13	2160.70	1.37	ppb
Potassium	39-2	6722.04	6706.66	6680.37	6703.02	0.31	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	353.51	350.38	355.03	352.97	0.67	ppb
Selenium	77-2	394.06	399.46	402.18	398.57	1.04	ppb
Selenium	78-2	392.89	397.65	399.66	396.73	0.88	ppb
Silicon	28-1	992.99	1028.94	1062.97	1028.30	3.40	ppb
Silver	107-1	137.34	155.31	177.37	156.67	12.80	ppb
Silver	109-1	180.58	146.89	138.82	155.43	14.25	ppb
Sodium	23-2	234.68	231.32	231.26	232.42	0.84	ppb
Strontium	86-1	1777.07	1761.24	1793.58	1777.29	0.91	ppb
Strontium	88-1	1828.40	1831.67	1862.69	1840.92	1.03	ppb
Sulfur	34-1	-849.04	-834.83	-844.03	-842.63		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	136.74	139.82	140.80	139.12	1.52	ppb
Thallium	205-1	137.25	141.87	137.96	139.03	1.79	ppb
Tin	118-1	0.86	0.88	0.88	0.87	1.65	ppb
Titanium	47-1	953.60	966.43	974.58	964.87	1.10	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:15:18	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.01	0.99	0.99	1.54	ppb
Vanadium	51-2	1812.90	1827.31	1811.02	1817.07	0.49	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	1935.10	1948.84	1944.13	1942.69	0.36	ppb
Zirconium	90-1	12.40	12.59	12.70	12.56	1.20	ppb
Zirconium	91-1	12.69	12.80	12.81	12.77	0.54	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:18:10	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51212.19	51228.31	50281.51	50907.34	1.06	ppb
Antimony	121-1	490.26	496.05	494.95	493.75	0.62	ppb
Arsenic	75-2	486.19	476.48	489.05	483.91	1.36	ppb
Barium	135-1	2508.86	2511.86	2521.24	2513.99	0.26	ppb
Barium	137-1	2475.61	2518.65	2498.85	2497.70	0.86	ppb
Beryllium	9-1	489.15	499.19	502.35	496.89	1.39	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	484.72	489.27	492.43	488.81	0.79	ppb
Cadmium	106-1	481.33	492.70	490.86	488.30	1.25	ppb
Cadmium	111-1	458.15	468.96	467.13	464.75	1.25	ppb
Calcium	43-1	250903.84	252946.24	252293.63	252047.90	0.41	ppb
Calcium	44-1	250899.22	250526.66	250874.29	250766.72	0.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.20	497.94	497.54	501.23	1.21	ppb
Cobalt	59-2	497.53	490.32	492.08	493.31	0.76	ppb
Copper	63-2	4785.02	4717.19	4808.37	4770.19	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	128559.06	128212.87	127529.03	128100.32	0.41	ppb
Iron	57-2	129537.02	127789.75	127784.82	128370.53	0.79	ppb
Iron	54-2	128505.62	128558.02	128586.05	128549.90	0.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:18:10	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2540.03	2545.12	2563.32	2549.49	0.48	ppb
Lead	207-1	2500.10	2540.62	2505.00	2515.24	0.88	ppb
Lead	208-1	2515.03	2556.19	2536.39	2535.87	0.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	253294.15	249811.83	250064.39	251056.79	0.77	ppb
Manganese	55-2	4960.19	4976.91	4970.96	4969.36	0.17	ppb
Molybdenum	94-1	5004.39	5085.37	5060.43	5050.06	0.82	ppb
Molybdenum	95-1	5011.03	5102.32	5126.47	5079.94	1.20	ppb
Molybdenum	96-1	5040.99	5108.82	5121.71	5090.51	0.85	ppb
Molybdenum	97-1	4998.42	5065.36	5095.27	5053.01	0.98	ppb
Molybdenum	98-1	5057.66	5126.10	5059.73	5081.16	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.81	460.63	463.60	465.35	1.24	ppb
Phosphorus	31-2	10049.82	9931.41	9891.22	9957.48	0.83	ppb
Potassium	39-2	125017.97	124121.36	124533.21	124557.51	0.36	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	475.76	475.54	482.99	478.10	0.89	ppb
Selenium	77-2	466.47	458.14	474.47	466.36	1.75	ppb
Selenium	78-2	471.68	464.15	473.96	469.93	1.09	ppb
Silicon	28-1	199.98	204.67	206.49	203.71	1.65	ppb
Silver	107-1	482.53	481.82	488.75	484.37	0.79	ppb
Silver	109-1	474.78	493.90	482.68	483.78	1.99	ppb
Sodium	23-2	251145.32	248074.66	250235.44	249818.47	0.63	ppb
Strontium	86-1	12454.24	12623.66	12555.58	12544.49	0.68	ppb
Strontium	88-1	12489.07	12689.23	12636.77	12605.02	0.82	ppb
Sulfur	34-1	9831.16	9726.87	9772.48	9776.83	0.53	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	511.51	517.54	511.85	513.63	0.66	ppb
Thallium	205-1	512.92	519.27	518.16	516.78	0.66	ppb
Tin	118-1	495.79	499.50	502.01	499.10	0.63	ppb
Titanium	47-1	4915.44	4977.42	4969.79	4954.22	0.68	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:18:10	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	511.13	512.48	512.92	512.18	0.18	ppb
Vanadium	51-2	509.13	501.93	508.13	506.40	0.77	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	4710.40	4717.05	4713.99	4713.81	0.07	ppb
Zirconium	90-1	501.38	507.64	510.16	506.39	0.89	ppb
Zirconium	91-1	504.00	516.90	513.05	511.32	1.29	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:24:21	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	0.84	0.82	0.82	2.99	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	10.30	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.03	0.02	0.02	0.02	26.29	ppb
Barium	137-1	0.02	0.02	0.01	0.02	34.40	ppb
Beryllium	9-1	0.05	0.01	0.02	0.02	80.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.00	0.00	0.00	216.01	ppb
Cadmium	106-1	-0.01	-0.51	-0.78	-0.43		ppb
Cadmium	111-1	0.00	-0.02	-0.05	-0.02		ppb
Calcium	43-1	-0.57	1.12	-0.03	0.17	502.59	ppb
Calcium	44-1	1.03	-0.31	0.79	0.50	141.33	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	86.69	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	34.55	ppb
Copper	63-2	0.02	0.02	0.03	0.03	20.08	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				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	0.79	0.67	0.66	0.71	10.36	ppb
Iron	57-2	-1.32	-0.87	-1.50	-1.23		ppb
Iron	54-2	0.60	0.77	0.52	0.63	20.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:24:21	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.01	0.01	63.09	ppb
Lead	207-1	0.02	0.03	0.01	0.02	61.50	ppb
Lead	208-1	0.02	0.01	0.01	0.01	33.62	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.83	0.87	0.53	0.75	25.04	ppb
Manganese	55-2	0.03	0.01	0.01	0.02	57.37	ppb
Molybdenum	94-1	0.06	0.06	0.05	0.05	11.82	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	5.07	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.04	12.71	ppb
Molybdenum	97-1	0.05	0.04	0.04	0.04	21.62	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	14.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	0.00	0.00	351.99	ppb
Phosphorus	31-2	-20.05	-17.74	-20.32	-19.37		ppb
Potassium	39-2	-4.07	-3.14	-3.67	-3.63		ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	-0.26	-0.18	-0.58	-0.34		ppb
Selenium	77-2	0.13	0.13	0.00	0.09	86.60	ppb
Selenium	78-2	-0.97	-1.22	-0.25	-0.81		ppb
Silicon	28-1	-6.26	-6.49	-5.77	-6.17		ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.90	ppb
Silver	109-1	0.02	0.02	0.01	0.02	15.75	ppb
Sodium	23-2	6.31	6.41	6.05	6.26	3.01	ppb
Strontium	86-1	-0.23	-0.20	0.04	-0.13		ppb
Strontium	88-1	0.06	0.04	0.05	0.05	17.95	ppb
Sulfur	34-1	-421.44	-467.65	-383.25	-424.11		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.03	0.02	0.02	14.91	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.92	ppb
Tin	118-1	0.02	0.01	0.02	0.02	21.61	ppb
Titanium	47-1	0.03	0.02	0.01	0.02	43.34	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:24:21	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	20.63	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	45.53	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	-0.02	0.01	0.02	0.00	964.16	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	43.25	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	74.73	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:27:39	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26135.42	26050.89	25969.63	26051.98	0.32	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	1.15	ppb
Arsenic	75-2	11.98	11.77	11.71	11.82	1.17	ppb
Barium	135-1	189.14	187.08	187.40	187.87	0.59	ppb
Barium	137-1	188.96	186.14	186.74	187.28	0.79	ppb
Beryllium	9-1	0.70	0.61	0.62	0.64	7.09	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.79	0.71	0.87	0.79	10.16	ppb
Cadmium	106-1	1.22	1.30	0.71	1.08	29.56	ppb
Cadmium	111-1	0.21	0.22	0.18	0.20	9.11	ppb
Calcium	43-1	13518.27	13654.84	13804.55	13659.22	1.05	ppb
Calcium	44-1	13051.54	13287.80	13346.14	13228.49	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77.58	76.94	77.59	77.37	0.48	ppb
Cobalt	59-2	30.21	29.87	30.09	30.06	0.57	ppb
Copper	63-2	85.87	85.54	86.93	86.11	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				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	59836.22	59900.08	60867.95	60201.42	0.96	ppb
Iron	57-2	59157.21	58486.69	59489.58	59044.50	0.87	ppb
Iron	54-2	59954.51	60097.99	60590.04	60214.18	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:27:39	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.48	18.11	17.66	17.75	1.83	ppb
Lead	207-1	13.55	13.95	13.89	13.80	1.57	ppb
Lead	208-1	14.80	15.35	15.09	15.08	1.80	ppb
Lithium	6-1				109		%
Magnesium	24-2	21177.81	20991.71	21001.24	21056.92	0.50	ppb
Manganese	55-2	951.05	950.86	959.86	953.92	0.54	ppb
Molybdenum	94-1	10.44	10.65	10.66	10.58	1.21	ppb
Molybdenum	95-1	0.35	0.38	0.38	0.37	4.53	ppb
Molybdenum	96-1	1.86	1.84	1.88	1.86	1.15	ppb
Molybdenum	97-1	0.36	0.38	0.36	0.37	3.44	ppb
Molybdenum	98-1	0.36	0.36	0.34	0.36	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.77	59.35	60.13	59.75	0.65	ppb
Phosphorus	31-2	1650.81	1641.77	1683.17	1658.58	1.31	ppb
Potassium	39-2	2186.55	2182.89	2206.79	2192.07	0.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.03	0.11	-0.08	0.02	434.26	ppb
Selenium	77-2	7.20	7.43	4.72	6.45	23.22	ppb
Selenium	78-2	0.81	1.27	0.71	0.93	32.40	ppb
Silicon	28-1	621.21	632.76	633.40	629.12	1.09	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.09	ppb
Silver	109-1	0.05	0.04	0.05	0.05	5.94	ppb
Sodium	23-2	220.01	219.08	220.40	219.83	0.31	ppb
Strontium	86-1	1536.96	1526.22	1522.61	1528.60	0.49	ppb
Strontium	88-1	1591.15	1566.40	1571.00	1576.19	0.84	ppb
Sulfur	34-1	-712.18	-700.24	-698.36	-703.59		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.10	0.09	0.09	6.09	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	4.49	ppb
Tin	118-1	0.61	0.58	0.61	0.60	2.69	ppb
Titanium	47-1	1530.01	1556.37	1548.55	1544.98	0.88	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:27:39	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.30	1.28	1.27	2.17	ppb
Vanadium	51-2	104.77	105.19	104.57	104.84	0.30	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	163.12	159.23	161.31	161.22	1.21	ppb
Zirconium	90-1	5.74	5.74	5.77	5.75	0.35	ppb
Zirconium	91-1	5.80	5.91	5.88	5.86	1.00	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:30:45	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26255.20	26028.87	26364.34	26216.14	0.65	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	5.37	ppb
Arsenic	75-2	11.92	12.07	11.74	11.91	1.42	ppb
Barium	135-1	188.44	206.49	190.36	195.10	5.08	ppb
Barium	137-1	188.45	204.99	188.48	193.97	4.92	ppb
Beryllium	9-1	0.66	0.64	0.67	0.65	2.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.87	0.94	0.56	0.79	25.85	ppb
Cadmium	106-1	1.51	2.01	1.43	1.65	19.27	ppb
Cadmium	111-1	0.21	0.27	0.24	0.24	12.97	ppb
Calcium	43-1	13660.92	14893.17	13891.02	14148.37	4.63	ppb
Calcium	44-1	13252.12	14140.41	13348.44	13580.32	3.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77.17	78.82	77.28	77.76	1.19	ppb
Cobalt	59-2	30.03	30.45	30.15	30.21	0.71	ppb
Copper	63-2	86.69	86.40	86.11	86.40	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	59904.69	59947.07	60178.47	60010.07	0.25	ppb
Iron	57-2	59627.46	59451.13	59922.87	59667.15	0.40	ppb
Iron	54-2	60330.78	60678.67	60776.62	60595.35	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:30:45	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.96	19.59	17.78	18.44	5.43	ppb
Lead	207-1	14.10	15.29	13.93	14.44	5.12	ppb
Lead	208-1	15.24	16.50	15.16	15.64	4.82	ppb
Lithium	6-1				105		%
Magnesium	24-2	21292.81	21404.95	21348.17	21348.64	0.26	ppb
Manganese	55-2	959.80	960.50	959.27	959.86	0.06	ppb
Molybdenum	94-1	10.52	11.64	10.71	10.96	5.49	ppb
Molybdenum	95-1	0.36	0.39	0.33	0.36	8.50	ppb
Molybdenum	96-1	1.86	2.09	1.88	1.94	6.78	ppb
Molybdenum	97-1	0.38	0.39	0.37	0.38	1.86	ppb
Molybdenum	98-1	0.33	0.36	0.34	0.34	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.69	59.43	60.55	59.89	0.98	ppb
Phosphorus	31-2	1677.11	1674.10	1622.73	1657.98	1.84	ppb
Potassium	39-2	2252.98	2269.52	2200.20	2240.90	1.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.38	0.25	-0.02	0.20	100.66	ppb
Selenium	77-2	4.74	5.56	4.64	4.98	10.09	ppb
Selenium	78-2	-0.03	1.37	1.24	0.86	89.86	ppb
Silicon	28-1	612.99	679.55	635.86	642.80	5.26	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.29	ppb
Silver	109-1	0.05	0.04	0.04	0.04	3.06	ppb
Sodium	23-2	220.98	223.17	220.20	221.45	0.69	ppb
Strontium	86-1	1513.75	1640.50	1517.92	1557.39	4.62	ppb
Strontium	88-1	1567.16	1728.19	1570.95	1622.10	5.67	ppb
Sulfur	34-1	-824.52	-542.84	-846.34	-737.90		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.10	0.09	0.10	9.11	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	5.13	ppb
Tin	118-1	0.57	0.66	0.60	0.61	7.34	ppb
Titanium	47-1	1532.85	1663.40	1543.06	1579.77	4.60	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:30:45	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.32	1.42	1.29	1.34	4.93	ppb
Vanadium	51-2	105.38	105.78	105.27	105.48	0.25	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	159.22	161.25	158.67	159.71	0.85	ppb
Zirconium	90-1	5.77	6.25	5.88	5.97	4.17	ppb
Zirconium	91-1	5.80	6.35	5.87	6.00	4.99	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:33:58	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5323.07	5391.60	5438.31	5384.33	1.08	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	16.21	ppb
Arsenic	75-2	2.39	2.60	2.44	2.48	4.48	ppb
Barium	135-1	38.44	38.12	38.70	38.42	0.76	ppb
Barium	137-1	38.25	38.23	38.67	38.38	0.64	ppb
Beryllium	9-1	0.12	0.13	0.18	0.14	20.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.05	0.14	0.12	51.49	ppb
Cadmium	106-1	-0.52	-0.23	0.08	-0.22		ppb
Cadmium	111-1	-0.01	0.02	0.04	0.02	133.14	ppb
Calcium	43-1	2779.98	2831.55	2817.86	2809.80	0.95	ppb
Calcium	44-1	2673.39	2704.60	2743.42	2707.14	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.00	15.86	16.16	16.01	0.92	ppb
Cobalt	59-2	6.20	6.20	6.19	6.20	0.10	ppb
Copper	63-2	17.69	17.94	17.96	17.86	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	12362.01	12380.73	12344.11	12362.28	0.15	ppb
Iron	57-2	12374.86	12233.64	12161.51	12256.67	0.89	ppb
Iron	54-2	12434.01	12412.98	12527.07	12458.02	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:33:58	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.55	3.60	3.56	3.57	0.70	ppb
Lead	207-1	2.75	2.82	2.82	2.80	1.54	ppb
Lead	208-1	2.99	3.05	3.01	3.02	1.03	ppb
Lithium	6-1				105		%
Magnesium	24-2	4381.09	4262.92	4361.09	4335.03	1.46	ppb
Manganese	55-2	194.54	191.79	192.98	193.10	0.71	ppb
Molybdenum	94-1	2.16	2.20	2.24	2.20	1.80	ppb
Molybdenum	95-1	0.07	0.08	0.07	0.07	5.62	ppb
Molybdenum	96-1	0.39	0.38	0.39	0.38	1.83	ppb
Molybdenum	97-1	0.08	0.08	0.08	0.08	3.36	ppb
Molybdenum	98-1	0.07	0.08	0.07	0.07	8.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.42	12.70	12.30	12.48	1.65	ppb
Phosphorus	31-2	324.70	316.91	335.53	325.72	2.87	ppb
Potassium	39-2	467.81	462.12	472.07	467.33	1.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.02	0.23	-0.23	0.00	5618.18	ppb
Selenium	77-2	1.28	1.01	1.03	1.10	13.47	ppb
Selenium	78-2	0.43	0.27	0.38	0.36	23.73	ppb
Silicon	28-1	133.59	137.46	135.65	135.57	1.43	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.98	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.54	ppb
Sodium	23-2	46.11	45.89	45.72	45.91	0.42	ppb
Strontium	86-1	317.79	316.80	311.40	315.33	1.09	ppb
Strontium	88-1	318.56	316.03	319.42	318.00	0.55	ppb
Sulfur	34-1	-935.40	-862.50	-829.65	-875.85		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.03	0.04	0.03	13.08	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	5.92	ppb
Tin	118-1	0.12	0.14	0.15	0.14	8.80	ppb
Titanium	47-1	307.07	308.06	307.60	307.58	0.16	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:33:58	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.26	0.26	0.26	2.87	ppb
Vanadium	51-2	21.43	21.47	21.46	21.45	0.11	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	33.14	33.15	33.45	33.25	0.53	ppb
Zirconium	90-1	1.17	1.18	1.19	1.18	0.90	ppb
Zirconium	91-1	1.20	1.21	1.21	1.21	0.37	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:37:09	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27150.43	27201.91	27219.06	27190.47	0.13	ppb
Antimony	121-1	67.86	69.60	70.09	69.19	1.69	ppb
Arsenic	75-2	48.60	48.75	49.26	48.87	0.71	ppb
Barium	135-1	1603.83	1648.83	1640.32	1630.99	1.47	ppb
Barium	137-1	1606.80	1619.64	1642.17	1622.87	1.10	ppb
Beryllium	9-1	36.78	37.40	36.40	36.86	1.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.42	33.87	34.43	33.91	1.48	ppb
Cadmium	106-1	33.82	34.26	33.39	33.82	1.28	ppb
Cadmium	111-1	35.70	36.91	36.47	36.36	1.68	ppb
Calcium	43-1	13471.22	13969.03	13582.12	13674.12	1.91	ppb
Calcium	44-1	12988.23	13171.14	13231.69	13130.35	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	221.24	224.54	226.34	224.04	1.15	ppb
Cobalt	59-2	395.07	393.10	390.89	393.02	0.53	ppb
Copper	63-2	261.77	260.21	259.48	260.49	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	60793.27	61631.60	60949.87	61124.91	0.73	ppb
Iron	57-2	60943.36	60376.94	60127.44	60482.58	0.69	ppb
Iron	54-2	61900.86	61693.14	61470.38	61688.13	0.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:37:09	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.89	31.59	31.03	31.17	1.19	ppb
Lead	207-1	25.82	26.52	26.49	26.28	1.51	ppb
Lead	208-1	27.37	28.11	28.09	27.86	1.51	ppb
Lithium	6-1				106		%
Magnesium	24-2	20850.37	21202.52	20911.91	20988.27	0.90	ppb
Manganese	55-2	1313.37	1319.67	1305.50	1312.85	0.54	ppb
Molybdenum	94-1	10.53	10.52	10.93	10.66	2.21	ppb
Molybdenum	95-1	0.34	0.36	0.36	0.35	3.22	ppb
Molybdenum	96-1	1.87	1.86	1.88	1.87	0.31	ppb
Molybdenum	97-1	0.34	0.38	0.39	0.37	7.60	ppb
Molybdenum	98-1	0.33	0.34	0.34	0.34	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	408.78	408.62	408.40	408.60	0.05	ppb
Phosphorus	31-2	1645.02	1657.02	1649.99	1650.68	0.37	ppb
Potassium	39-2	2174.21	2203.17	2172.27	2183.22	0.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	60.56	60.75	64.06	61.79	3.18	ppb
Selenium	77-2	74.45	76.85	76.00	75.77	1.60	ppb
Selenium	78-2	68.39	67.33	70.51	68.74	2.36	ppb
Silicon	28-1	587.30	596.40	586.13	589.95	0.95	ppb
Silver	107-1	34.15	34.84	35.03	34.67	1.34	ppb
Silver	109-1	33.90	35.20	34.94	34.68	1.99	ppb
Sodium	23-2	218.28	219.20	217.49	218.32	0.39	ppb
Strontium	86-1	1488.46	1493.51	1538.79	1506.92	1.84	ppb
Strontium	88-1	1546.54	1550.16	1587.81	1561.50	1.46	ppb
Sulfur	34-1	-913.62	-859.37	-961.49	-911.49		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	32.14	32.98	32.55	32.56	1.30	ppb
Thallium	205-1	31.92	32.92	32.83	32.56	1.70	ppb
Tin	118-1	0.59	0.62	0.63	0.61	3.40	ppb
Titanium	47-1	1513.26	1550.48	1512.29	1525.34	1.43	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:37:09	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.29	1.28	1.27	1.67	ppb
Vanadium	51-2	460.64	458.46	458.70	459.27	0.26	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	510.43	515.16	508.27	511.29	0.69	ppb
Zirconium	90-1	5.68	5.79	5.91	5.80	2.02	ppb
Zirconium	91-1	5.73	5.90	5.90	5.84	1.60	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MS	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:40:10	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31445.01	31718.25	31351.72	31505.00	0.60	ppb
Antimony	121-1	307.89	306.51	313.82	309.41	1.25	ppb
Arsenic	75-2	167.88	165.79	163.48	165.72	1.33	ppb
Barium	135-1	6296.93	6279.08	6425.87	6333.96	1.26	ppb
Barium	137-1	6259.02	6269.37	6419.19	6315.86	1.42	ppb
Beryllium	9-1	150.33	156.94	154.89	154.05	2.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	139.50	140.09	141.93	140.51	0.90	ppb
Cadmium	106-1	136.83	140.78	141.09	139.57	1.70	ppb
Cadmium	111-1	151.09	153.14	155.18	153.14	1.34	ppb
Calcium	43-1	13261.50	13605.17	13562.79	13476.49	1.39	ppb
Calcium	44-1	12755.53	13057.14	13011.28	12941.32	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	697.47	696.00	681.12	691.53	1.31	ppb
Cobalt	59-2	1530.47	1538.10	1534.01	1534.19	0.25	ppb
Copper	63-2	811.91	810.48	801.95	808.11	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				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	62924.42	62572.54	62143.12	62546.69	0.63	ppb
Iron	57-2	62342.75	61804.64	61313.10	61820.16	0.83	ppb
Iron	54-2	63707.45	63014.80	62982.77	63235.01	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MS	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:40:10	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	74.79	76.14	77.64	76.19	1.87	ppb
Lead	207-1	66.29	67.38	67.92	67.20	1.24	ppb
Lead	208-1	69.27	70.49	71.33	70.36	1.47	ppb
Lithium	6-1				107		%
Magnesium	24-2	21074.47	20956.46	20889.20	20973.37	0.45	ppb
Manganese	55-2	2446.29	2421.36	2402.50	2423.38	0.91	ppb
Molybdenum	94-1	10.32	10.47	10.65	10.48	1.61	ppb
Molybdenum	95-1	0.41	0.37	0.37	0.38	6.29	ppb
Molybdenum	96-1	1.82	1.91	1.87	1.87	2.48	ppb
Molybdenum	97-1	0.37	0.36	0.36	0.36	1.18	ppb
Molybdenum	98-1	0.40	0.40	0.40	0.40	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1610.81	1614.14	1605.08	1610.01	0.28	ppb
Phosphorus	31-2	1638.01	1623.06	1611.17	1624.08	0.83	ppb
Potassium	39-2	2184.02	2165.06	2175.19	2174.76	0.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	301.22	306.95	305.77	304.65	0.99	ppb
Selenium	77-2	337.39	350.56	337.51	341.82	2.21	ppb
Selenium	78-2	348.58	348.33	346.90	347.94	0.26	ppb
Silicon	28-1	576.29	593.62	595.65	588.52	1.81	ppb
Silver	107-1	139.57	148.10	147.38	145.02	3.26	ppb
Silver	109-1	158.94	149.33	156.55	154.94	3.23	ppb
Sodium	23-2	215.06	218.00	215.03	216.03	0.79	ppb
Strontium	86-1	1456.02	1498.88	1506.55	1487.15	1.83	ppb
Strontium	88-1	1523.77	1567.41	1567.12	1552.76	1.62	ppb
Sulfur	34-1	-1074.52	-1050.52	-1083.25	-1069.43		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	147.97	148.98	153.09	150.01	1.81	ppb
Thallium	205-1	148.24	149.71	152.56	150.17	1.46	ppb
Tin	118-1	0.59	0.60	0.63	0.60	3.24	ppb
Titanium	47-1	1501.86	1517.96	1525.83	1515.22	0.81	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MS	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:40:10	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.23	1.27	1.27	1.26	1.80	ppb
Vanadium	51-2	1597.43	1603.19	1583.08	1594.57	0.65	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1710.76	1708.95	1692.28	1704.00	0.60	ppb
Zirconium	90-1	5.62	5.74	5.68	5.68	0.99	ppb
Zirconium	91-1	5.77	5.78	5.77	5.77	0.13	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:43:03	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7299.90	7387.91	7385.29	7357.70	0.68	ppb
Antimony	121-1	0.12	0.11	0.10	0.11	10.57	ppb
Arsenic	75-2	4.08	4.15	4.26	4.16	2.08	ppb
Barium	135-1	79.28	79.96	79.99	79.74	0.51	ppb
Barium	137-1	79.78	79.97	79.76	79.83	0.14	ppb
Beryllium	9-1	0.30	0.32	0.34	0.32	6.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.14	0.11	0.14	21.29	ppb
Cadmium	106-1	0.03	-0.14	-0.53	-0.21		ppb
Cadmium	111-1	0.11	0.11	0.08	0.10	18.07	ppb
Calcium	43-1	3964.64	3981.05	3892.99	3946.23	1.19	ppb
Calcium	44-1	3832.00	3820.35	3843.87	3832.08	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.89	6.88	6.85	6.87	0.26	ppb
Cobalt	59-2	8.49	8.51	8.67	8.56	1.17	ppb
Copper	63-2	17.20	17.29	17.20	17.23	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				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	13978.13	14056.02	14064.79	14032.98	0.34	ppb
Iron	57-2	14060.24	13958.71	13850.38	13956.44	0.75	ppb
Iron	54-2	14133.53	14137.98	14272.77	14181.43	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:43:03	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.46	6.51	6.27	6.41	1.96	ppb
Lead	207-1	6.09	6.17	6.01	6.09	1.33	ppb
Lead	208-1	6.14	6.26	6.06	6.15	1.67	ppb
Lithium	6-1				105		%
Magnesium	24-2	3977.92	3975.96	4001.31	3985.06	0.35	ppb
Manganese	55-2	486.84	486.21	481.68	484.91	0.58	ppb
Molybdenum	94-1	0.78	0.75	0.72	0.75	3.77	ppb
Molybdenum	95-1	0.04	0.03	0.02	0.03	18.25	ppb
Molybdenum	96-1	0.19	0.19	0.21	0.20	4.18	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	22.42	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	9.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.55	8.53	8.30	8.46	1.63	ppb
Phosphorus	31-2	410.45	413.94	400.17	408.19	1.75	ppb
Potassium	39-2	1562.38	1576.25	1617.70	1585.44	1.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.19	-0.33	-0.34	-0.16		ppb
Selenium	77-2	3.26	3.02	2.27	2.85	18.03	ppb
Selenium	78-2	0.50	0.01	0.48	0.33	84.53	ppb
Silicon	28-1	98.47	96.25	97.54	97.42	1.14	ppb
Silver	107-1	0.06	0.06	0.05	0.06	11.87	ppb
Silver	109-1	0.06	0.05	0.05	0.05	9.87	ppb
Sodium	23-2	23.73	24.00	24.70	24.14	2.08	ppb
Strontium	86-1	370.83	373.33	374.06	372.74	0.45	ppb
Strontium	88-1	373.94	374.80	372.64	373.79	0.29	ppb
Sulfur	34-1	-1007.80	-996.21	-973.51	-992.51		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.08	0.08	0.08	5.37	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	3.29	ppb
Tin	118-1	0.01	0.03	0.00	0.01	159.46	ppb
Titanium	47-1	21.16	21.46	23.48	22.03	5.72	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:43:03	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.15	0.14	0.14	1.93	ppb
Vanadium	51-2	16.90	16.85	16.93	16.90	0.22	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	41.19	41.73	41.25	41.39	0.72	ppb
Zirconium	90-1	0.41	0.42	0.41	0.41	1.27	ppb
Zirconium	91-1	0.41	0.40	0.39	0.40	2.61	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:46:14	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7890.51	7861.81	7900.06	7884.13	0.25	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	10.23	ppb
Arsenic	75-2	4.80	4.92	4.64	4.79	2.99	ppb
Barium	135-1	84.84	85.70	86.78	85.77	1.13	ppb
Barium	137-1	85.10	85.65	86.38	85.71	0.75	ppb
Beryllium	9-1	0.30	0.35	0.33	0.33	7.28	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.19	0.13	0.22	0.18	26.73	ppb
Cadmium	106-1	0.22	-0.09	-0.22	-0.03		ppb
Cadmium	111-1	0.13	0.10	0.09	0.11	17.10	ppb
Calcium	43-1	4333.35	4339.43	4345.76	4339.51	0.14	ppb
Calcium	44-1	4189.31	4153.88	4119.50	4154.23	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.70	7.73	7.68	7.70	0.31	ppb
Cobalt	59-2	9.29	9.27	9.24	9.27	0.25	ppb
Copper	63-2	18.72	18.75	18.84	18.77	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				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	15359.44	15272.14	15144.32	15258.63	0.71	ppb
Iron	57-2	15151.02	15220.15	15198.82	15190.00	0.23	ppb
Iron	54-2	15315.75	15448.06	15220.99	15328.27	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:46:14	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.73	6.79	6.97	6.83	1.88	ppb
Lead	207-1	6.38	6.37	6.54	6.43	1.53	ppb
Lead	208-1	6.43	6.52	6.62	6.52	1.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	4246.94	4278.33	4232.33	4252.54	0.55	ppb
Manganese	55-2	523.07	523.19	519.67	521.98	0.38	ppb
Molybdenum	94-1	0.84	0.85	0.85	0.85	1.07	ppb
Molybdenum	95-1	0.04	0.05	0.03	0.04	19.43	ppb
Molybdenum	96-1	0.25	0.23	0.23	0.24	3.89	ppb
Molybdenum	97-1	0.04	0.03	0.05	0.04	20.70	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	9.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.68	9.45	9.29	9.47	2.09	ppb
Phosphorus	31-2	492.23	479.59	491.35	487.72	1.45	ppb
Potassium	39-2	1762.66	1740.17	1726.40	1743.07	1.05	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.36	-0.13	-0.24	-0.24		ppb
Selenium	77-2	3.13	3.14	2.10	2.79	21.46	ppb
Selenium	78-2	0.80	0.03	0.37	0.40	96.25	ppb
Silicon	28-1	90.56	88.25	83.46	87.42	4.14	ppb
Silver	107-1	0.03	0.02	0.03	0.03	20.07	ppb
Silver	109-1	0.02	0.02	0.03	0.03	11.14	ppb
Sodium	23-2	25.71	26.25	25.70	25.89	1.23	ppb
Strontium	86-1	394.80	398.86	397.13	396.93	0.51	ppb
Strontium	88-1	397.64	404.59	401.89	401.37	0.87	ppb
Sulfur	34-1	-951.80	-965.70	-964.83	-960.78		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.06	0.05	0.06	5.70	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	6.16	ppb
Tin	118-1	0.00	0.02	0.01	0.01	65.41	ppb
Titanium	47-1	42.87	42.39	42.91	42.72	0.68	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:46:14	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.15	0.16	0.16	2.99	ppb
Vanadium	51-2	19.48	19.43	19.46	19.46	0.12	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	44.60	44.50	44.26	44.45	0.39	ppb
Zirconium	90-1	0.43	0.45	0.46	0.45	4.04	ppb
Zirconium	91-1	0.43	0.46	0.43	0.44	3.51	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 16:49:22	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1430.20	1444.81	1433.92	1436.31	0.53	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	9.16	ppb
Arsenic	75-2	0.90	0.81	0.79	0.83	6.98	ppb
Barium	135-1	15.75	16.34	16.09	16.06	1.85	ppb
Barium	137-1	15.89	16.39	16.43	16.24	1.84	ppb
Beryllium	9-1	0.07	0.07	0.08	0.07	5.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.05	0.06	0.04	93.34	ppb
Cadmium	106-1	-0.33	-0.59	-0.83	-0.58		ppb
Cadmium	111-1	0.00	-0.03	-0.04	-0.02		ppb
Calcium	43-1	793.29	806.55	803.20	801.01	0.86	ppb
Calcium	44-1	783.78	793.95	795.31	791.01	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.35	1.41	1.39	1.38	2.21	ppb
Cobalt	59-2	1.75	1.77	1.75	1.76	0.80	ppb
Copper	63-2	3.44	3.52	3.44	3.47	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	2807.15	2830.43	2811.35	2816.31	0.44	ppb
Iron	57-2	2826.10	2851.09	2826.95	2834.71	0.50	ppb
Iron	54-2	2889.63	2909.26	2865.51	2888.13	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 16:49:22	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.22	1.22	1.25	1.23	1.45	ppb
Lead	207-1	1.17	1.19	1.19	1.18	1.11	ppb
Lead	208-1	1.17	1.19	1.21	1.19	1.45	ppb
Lithium	6-1				100		%
Magnesium	24-2	768.76	769.57	769.35	769.23	0.05	ppb
Manganese	55-2	95.90	97.43	95.75	96.36	0.97	ppb
Molybdenum	94-1	0.16	0.16	0.18	0.16	5.73	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	39.22	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	6.13	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	94.48	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	100.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.78	1.63	1.59	1.67	5.93	ppb
Phosphorus	31-2	68.00	63.68	68.25	66.64	3.86	ppb
Potassium	39-2	333.81	334.41	329.32	332.51	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	-0.09	0.16	-0.13	-0.02		ppb
Selenium	77-2	0.38	0.64	0.38	0.47	31.89	ppb
Selenium	78-2	-0.39	0.60	0.32	0.17	291.15	ppb
Silicon	28-1	12.01	13.26	13.44	12.90	6.02	ppb
Silver	107-1	0.01	0.01	0.00	0.01	34.36	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.38	ppb
Sodium	23-2	4.03	4.26	4.50	4.26	5.46	ppb
Strontium	86-1	70.19	77.16	73.17	73.51	4.76	ppb
Strontium	88-1	74.17	77.06	75.92	75.72	1.92	ppb
Sulfur	34-1	-1115.65	-1101.79	-1087.56	-1101.67		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.02	0.02	0.01	10.22	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	5.72	ppb
Tin	118-1	0.01	-0.01	0.01	0.00	202.71	ppb
Titanium	47-1	4.16	4.35	4.34	4.28	2.58	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 16:49:22	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	2.70	ppb
Vanadium	51-2	3.40	3.38	3.41	3.40	0.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	8.23	8.42	8.40	8.35	1.22	ppb
Zirconium	90-1	0.09	0.09	0.09	0.09	2.21	ppb
Zirconium	91-1	0.10	0.09	0.09	0.09	6.47	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:52:39	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8245.40	8272.64	8290.31	8269.45	0.27	ppb
Antimony	121-1	17.66	19.18	19.61	18.82	5.43	ppb
Arsenic	75-2	14.67	15.04	14.93	14.88	1.27	ppb
Barium	135-1	467.26	521.74	522.11	503.71	6.27	ppb
Barium	137-1	468.19	515.75	519.15	501.03	5.69	ppb
Beryllium	9-1	9.86	10.88	10.87	10.54	5.58	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.80	9.50	9.35	9.22	4.00	ppb
Cadmium	106-1	8.52	9.58	8.06	8.72	8.98	ppb
Cadmium	111-1	9.26	10.00	10.33	9.86	5.57	ppb
Calcium	43-1	3916.32	4260.98	4360.75	4179.35	5.58	ppb
Calcium	44-1	3762.72	4149.38	4120.11	4010.74	5.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.22	49.44	49.55	49.40	0.35	ppb
Cobalt	59-2	112.08	112.73	113.05	112.62	0.44	ppb
Copper	63-2	67.85	67.31	67.49	67.55	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				105		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	15329.84	15326.52	15413.60	15356.65	0.32	ppb
Iron	57-2	15383.60	15335.78	15421.07	15380.15	0.28	ppb
Iron	54-2	15608.76	15456.50	15399.81	15488.35	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:52:39	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.68	10.58	10.70	10.32	5.38	ppb
Lead	207-1	8.98	9.96	10.13	9.69	6.39	ppb
Lead	208-1	9.28	10.19	10.35	9.94	5.75	ppb
Lithium	6-1				105		%
Magnesium	24-2	4247.82	4247.05	4174.69	4223.19	0.99	ppb
Manganese	55-2	623.80	625.00	627.97	625.59	0.34	ppb
Molybdenum	94-1	0.75	0.84	0.84	0.81	6.50	ppb
Molybdenum	95-1	0.04	0.06	0.04	0.04	24.00	ppb
Molybdenum	96-1	0.20	0.22	0.23	0.22	7.92	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	13.30	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	8.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.49	113.89	114.89	114.09	0.63	ppb
Phosphorus	31-2	465.90	449.58	448.91	454.80	2.12	ppb
Potassium	39-2	1734.03	1721.81	1730.55	1728.79	0.36	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	8.88	9.71	9.68	9.42	5.02	ppb
Selenium	77-2	14.85	15.70	13.77	14.77	6.54	ppb
Selenium	78-2	11.50	12.03	11.06	11.53	4.22	ppb
Silicon	28-1	85.05	99.08	112.77	98.97	14.01	ppb
Silver	107-1	9.74	10.71	11.06	10.50	6.51	ppb
Silver	109-1	9.82	10.73	10.98	10.51	5.85	ppb
Sodium	23-2	26.24	25.88	25.43	25.85	1.56	ppb
Strontium	86-1	363.51	405.26	407.74	392.17	6.34	ppb
Strontium	88-1	362.36	400.90	406.31	389.86	6.15	ppb
Sulfur	34-1	-1267.09	-1093.42	-1072.15	-1144.22		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	8.12	8.96	9.14	8.74	6.21	ppb
Thallium	205-1	8.23	9.10	9.18	8.83	5.96	ppb
Tin	118-1	0.01	0.02	0.02	0.01	57.63	ppb
Titanium	47-1	24.00	26.26	28.80	26.35	9.12	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:52:39	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.16	0.16	0.15	7.69	ppb
Vanadium	51-2	121.04	120.38	121.41	120.94	0.43	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	149.09	149.34	149.21	149.21	0.08	ppb
Zirconium	90-1	0.41	0.45	0.45	0.44	4.37	ppb
Zirconium	91-1	0.41	0.45	0.45	0.44	5.26	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:55:45	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6806.07	6793.09	6661.54	6753.57	1.18	ppb
Antimony	121-1	60.42	59.89	60.03	60.11	0.45	ppb
Arsenic	75-2	35.38	36.10	36.71	36.07	1.85	ppb
Barium	135-1	1327.32	1313.40	1315.59	1318.77	0.57	ppb
Barium	137-1	1297.46	1308.95	1315.36	1307.26	0.69	ppb
Beryllium	9-1	31.85	32.02	31.31	31.73	1.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.92	28.99	29.98	29.30	2.02	ppb
Cadmium	106-1	28.37	27.81	28.46	28.21	1.24	ppb
Cadmium	111-1	31.85	31.78	31.35	31.66	0.85	ppb
Calcium	43-1	3013.31	3096.36	3142.28	3083.98	2.12	ppb
Calcium	44-1	2989.15	2959.17	2964.87	2971.06	0.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.55	128.62	127.38	128.19	0.54	ppb
Cobalt	59-2	318.93	321.75	320.74	320.47	0.44	ppb
Copper	63-2	157.36	156.25	156.98	156.87	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				105		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	11531.62	11447.79	11436.60	11472.00	0.45	ppb
Iron	57-2	11605.27	11453.76	11388.29	11482.44	0.97	ppb
Iron	54-2	11678.37	11631.53	11497.59	11602.50	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:55:45	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.56	16.38	16.73	16.55	1.06	ppb
Lead	207-1	15.18	15.32	15.68	15.39	1.65	ppb
Lead	208-1	15.69	15.70	15.97	15.79	1.01	ppb
Lithium	6-1				103		%
Magnesium	24-2	3134.98	3034.36	3011.91	3060.42	2.14	ppb
Manganese	55-2	680.41	673.28	681.26	678.32	0.65	ppb
Molybdenum	94-1	0.63	0.64	0.76	0.68	11.21	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	5.17	ppb
Molybdenum	96-1	0.17	0.15	0.18	0.17	9.80	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.03	13.85	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	9.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	313.75	314.57	313.76	314.03	0.15	ppb
Phosphorus	31-2	325.08	307.19	309.72	314.00	3.08	ppb
Potassium	39-2	1265.03	1265.38	1264.18	1264.86	0.05	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	63.92	63.62	63.85	63.80	0.25	ppb
Selenium	77-2	75.76	74.71	72.94	74.47	1.92	ppb
Selenium	78-2	72.47	75.22	74.83	74.17	2.00	ppb
Silicon	28-1	72.72	70.47	89.96	77.72	13.72	ppb
Silver	107-1	30.95	31.10	30.74	30.93	0.59	ppb
Silver	109-1	30.77	30.86	31.16	30.93	0.65	ppb
Sodium	23-2	16.79	17.66	17.10	17.18	2.55	ppb
Strontium	86-1	289.45	287.51	287.35	288.10	0.40	ppb
Strontium	88-1	290.91	289.05	290.93	290.29	0.37	ppb
Sulfur	34-1	-1262.70	-1172.17	-1136.14	-1190.34		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	27.69	27.50	27.88	27.69	0.69	ppb
Thallium	205-1	27.76	27.54	28.16	27.82	1.14	ppb
Tin	118-1	0.01	0.02	0.02	0.02	13.85	ppb
Titanium	47-1	18.37	19.31	19.38	19.02	2.95	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:55:45	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.10	0.11	0.11	1.17	ppb
Vanadium	51-2	315.66	318.65	320.65	318.32	0.79	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	340.44	341.27	337.85	339.86	0.52	ppb
Zirconium	90-1	0.33	0.33	0.32	0.33	1.08	ppb
Zirconium	91-1	0.32	0.35	0.34	0.34	5.36	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:58:51	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7015.42	6936.21	6969.08	6973.57	0.57	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	4.58	ppb
Arsenic	75-2	6.47	6.17	5.84	6.16	5.11	ppb
Barium	135-1	98.90	102.65	101.86	101.14	1.96	ppb
Barium	137-1	98.56	102.36	101.92	100.95	2.06	ppb
Beryllium	9-1	0.38	0.40	0.35	0.38	6.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.27	0.34	0.31	0.31	12.48	ppb
Cadmium	106-1	0.22	0.19	0.16	0.19	16.22	ppb
Cadmium	111-1	0.13	0.13	0.10	0.12	13.42	ppb
Calcium	43-1	4610.82	4871.53	4914.18	4798.84	3.42	ppb
Calcium	44-1	4459.44	4726.99	4693.32	4626.59	3.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.34	9.28	9.14	9.25	1.11	ppb
Cobalt	59-2	6.28	6.27	6.19	6.24	0.82	ppb
Copper	63-2	15.32	15.41	15.51	15.41	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	11075.06	11065.80	11205.06	11115.30	0.70	ppb
Iron	57-2	10867.71	11065.62	11302.92	11078.75	1.97	ppb
Iron	54-2	11154.57	11169.23	11243.22	11189.01	0.42	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:58:51	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.21	8.52	8.39	8.37	1.83	ppb
Lead	207-1	7.90	8.08	8.16	8.05	1.68	ppb
Lead	208-1	7.96	8.27	8.19	8.14	1.98	ppb
Lithium	6-1				105		%
Magnesium	24-2	3659.66	3698.38	3656.80	3671.61	0.63	ppb
Manganese	55-2	355.99	362.72	362.00	360.24	1.03	ppb
Molybdenum	94-1	4.06	4.26	4.17	4.16	2.43	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.06	13.71	ppb
Molybdenum	96-1	0.54	0.57	0.56	0.55	2.98	ppb
Molybdenum	97-1	0.07	0.06	0.06	0.06	6.89	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.82	9.90	10.12	9.95	1.54	ppb
Phosphorus	31-2	714.78	724.82	701.81	713.80	1.62	ppb
Potassium	39-2	1626.52	1645.62	1601.12	1624.42	1.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.15	0.02	-0.18	0.00		ppb
Selenium	77-2	3.70	2.13	4.51	3.45	35.07	ppb
Selenium	78-2	0.51	1.25	0.57	0.78	53.28	ppb
Silicon	28-1	207.55	217.73	219.99	215.09	3.08	ppb
Silver	107-1	0.06	0.06	0.05	0.05	11.66	ppb
Silver	109-1	0.07	0.05	0.05	0.06	16.63	ppb
Sodium	23-2	22.20	22.60	21.97	22.26	1.43	ppb
Strontium	86-1	495.05	519.09	508.99	507.71	2.38	ppb
Strontium	88-1	495.60	520.24	513.31	509.72	2.49	ppb
Sulfur	34-1	-1164.37	-943.39	-935.97	-1014.58		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.05	0.05	0.05	0.86	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	4.92	ppb
Tin	118-1	0.01	0.03	0.03	0.03	35.50	ppb
Titanium	47-1	16.33	17.11	17.42	16.95	3.33	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:58:51	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.16	0.16	0.16	4.17	ppb
Vanadium	51-2	16.85	16.96	16.97	16.93	0.41	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	50.30	51.09	50.55	50.64	0.80	ppb
Zirconium	90-1	2.26	2.33	2.32	2.30	1.73	ppb
Zirconium	91-1	2.27	2.43	2.26	2.32	4.00	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:02:00	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7814.47	7765.78	7633.22	7737.82	1.21	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	17.79	ppb
Arsenic	75-2	6.68	7.05	6.70	6.81	3.06	ppb
Barium	135-1	109.81	109.01	111.03	109.95	0.93	ppb
Barium	137-1	108.07	109.80	110.97	109.61	1.33	ppb
Beryllium	9-1	0.41	0.38	0.40	0.40	3.72	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.51	0.36	0.35	0.41	21.20	ppb
Cadmium	106-1	0.46	0.37	0.78	0.53	40.07	ppb
Cadmium	111-1	0.13	0.14	0.18	0.15	18.32	ppb
Calcium	43-1	5090.79	5229.93	5199.20	5173.31	1.41	ppb
Calcium	44-1	4863.20	4984.31	4951.45	4932.99	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.10	10.14	9.97	10.07	0.89	ppb
Cobalt	59-2	7.01	6.92	6.87	6.93	0.97	ppb
Copper	63-2	16.46	16.63	16.52	16.53	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	12059.88	12039.33	12004.98	12034.73	0.23	ppb
Iron	57-2	12016.59	11968.49	11922.60	11969.23	0.39	ppb
Iron	54-2	12203.94	12334.58	12207.72	12248.75	0.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:02:00	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.08	9.14	8.96	9.06	1.04	ppb
Lead	207-1	8.71	8.69	8.70	8.70	0.14	ppb
Lead	208-1	8.77	8.81	8.81	8.80	0.24	ppb
Lithium	6-1				104		%
Magnesium	24-2	4027.35	3976.87	3970.32	3991.52	0.78	ppb
Manganese	55-2	383.81	382.29	383.72	383.27	0.22	ppb
Molybdenum	94-1	4.48	4.46	4.56	4.50	1.16	ppb
Molybdenum	95-1	0.07	0.07	0.06	0.07	11.10	ppb
Molybdenum	96-1	0.65	0.63	0.64	0.64	1.30	ppb
Molybdenum	97-1	0.06	0.07	0.06	0.06	13.47	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.69	10.98	10.83	10.84	1.35	ppb
Phosphorus	31-2	806.86	817.15	809.04	811.02	0.67	ppb
Potassium	39-2	1798.56	1777.14	1787.18	1787.62	0.60	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.12	-0.16	0.08	0.01	1143.62	ppb
Selenium	77-2	3.35	3.63	3.11	3.36	7.59	ppb
Selenium	78-2	-0.38	-0.30	0.31	-0.12		ppb
Silicon	28-1	222.24	232.23	231.35	228.60	2.42	ppb
Silver	107-1	0.04	0.04	0.04	0.04	8.02	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.70	ppb
Sodium	23-2	24.46	24.85	25.41	24.91	1.90	ppb
Strontium	86-1	550.72	559.72	558.88	556.44	0.89	ppb
Strontium	88-1	551.29	562.74	563.48	559.17	1.22	ppb
Sulfur	34-1	-1093.63	-930.96	-958.83	-994.47		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.59	ppb
Thallium	205-1	0.05	0.06	0.05	0.06	6.10	ppb
Tin	118-1	0.03	0.03	0.03	0.03	4.58	ppb
Titanium	47-1	23.97	24.54	24.90	24.47	1.91	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:02:00	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.18	0.17	0.17	2.92	ppb
Vanadium	51-2	18.00	18.18	17.97	18.05	0.63	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	54.80	55.26	54.94	55.00	0.43	ppb
Zirconium	90-1	2.48	2.50	2.53	2.50	0.94	ppb
Zirconium	91-1	2.47	2.56	2.52	2.52	1.85	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:05:10	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1310.51	1303.49	1311.40	1308.47	0.33	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	16.29	ppb
Arsenic	75-2	1.19	1.22	1.11	1.17	5.21	ppb
Barium	135-1	19.54	19.19	19.44	19.39	0.94	ppb
Barium	137-1	19.81	19.23	19.51	19.52	1.49	ppb
Beryllium	9-1	0.10	0.05	0.05	0.07	47.79	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.10	0.06	0.06	77.11	ppb
Cadmium	106-1	-0.20	-0.61	-0.91	-0.58		ppb
Cadmium	111-1	0.00	-0.02	-0.05	-0.02		ppb
Calcium	43-1	952.35	916.04	948.12	938.84	2.11	ppb
Calcium	44-1	928.67	917.96	929.49	925.37	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.76	1.73	1.76	1.75	1.04	ppb
Cobalt	59-2	1.17	1.20	1.20	1.19	1.54	ppb
Copper	63-2	3.01	2.94	2.93	2.96	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	2114.30	2127.88	2122.31	2121.50	0.32	ppb
Iron	57-2	2114.35	2124.93	2118.33	2119.21	0.25	ppb
Iron	54-2	2144.84	2161.09	2165.87	2157.27	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:05:10	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.64	1.61	1.60	1.62	1.13	ppb
Lead	207-1	1.53	1.57	1.58	1.56	1.70	ppb
Lead	208-1	1.57	1.57	1.57	1.57	0.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	668.45	670.67	675.85	671.66	0.57	ppb
Manganese	55-2	66.78	66.97	67.26	67.00	0.36	ppb
Molybdenum	94-1	0.82	0.86	0.85	0.84	2.50	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	44.46	ppb
Molybdenum	96-1	0.11	0.12	0.11	0.11	4.11	ppb
Molybdenum	97-1	0.00	0.02	0.00	0.01	130.75	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	33.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	1.82	2.03	1.90	6.23	ppb
Phosphorus	31-2	120.32	134.63	134.37	129.77	6.31	ppb
Potassium	39-2	319.32	319.52	321.40	320.08	0.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	-0.15	0.15	-0.28	-0.09		ppb
Selenium	77-2	0.76	0.77	0.90	0.81	9.45	ppb
Selenium	78-2	-0.13	0.23	-0.11	-0.01		ppb
Silicon	28-1	47.50	47.80	50.00	48.43	2.82	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.96	ppb
Silver	109-1	0.01	0.01	0.01	0.01	4.95	ppb
Sodium	23-2	2.08	2.28	2.73	2.36	14.18	ppb
Strontium	86-1	99.51	99.40	102.41	100.44	1.70	ppb
Strontium	88-1	101.42	102.12	100.12	101.22	1.00	ppb
Sulfur	34-1	-1105.76	-1079.29	-1016.62	-1067.22		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.01	0.01	24.20	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	36.13	ppb
Tin	118-1	0.01	0.01	0.02	0.01	54.75	ppb
Titanium	47-1	3.39	3.23	3.44	3.35	3.35	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:05:10	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	5.64	ppb
Vanadium	51-2	3.22	3.15	3.26	3.21	1.83	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	9.21	9.54	9.99	9.58	4.06	ppb
Zirconium	90-1	0.45	0.46	0.47	0.46	1.58	ppb
Zirconium	91-1	0.48	0.49	0.46	0.47	3.78	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:08:26	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7311.95	7335.47	7193.28	7280.23	1.05	ppb
Antimony	121-1	18.07	18.14	18.72	18.31	1.94	ppb
Arsenic	75-2	15.38	16.03	15.36	15.59	2.47	ppb
Barium	135-1	446.39	446.09	458.90	450.46	1.62	ppb
Barium	137-1	451.30	449.31	464.49	455.03	1.81	ppb
Beryllium	9-1	9.20	8.70	9.36	9.09	3.79	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.45	9.45	9.48	9.46	0.17	ppb
Cadmium	106-1	8.12	8.50	8.67	8.43	3.36	ppb
Cadmium	111-1	9.72	9.63	9.84	9.73	1.10	ppb
Calcium	43-1	4758.87	4832.98	4834.87	4808.91	0.90	ppb
Calcium	44-1	4632.95	4649.49	4646.20	4642.88	0.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.50	43.47	43.48	43.49	0.04	ppb
Cobalt	59-2	90.66	90.53	90.47	90.56	0.11	ppb
Copper	63-2	55.28	55.99	55.19	55.49	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				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	11302.13	11215.78	11070.82	11196.24	1.04	ppb
Iron	57-2	11236.60	11258.42	11097.07	11197.36	0.78	ppb
Iron	54-2	11436.27	11368.02	11288.81	11364.37	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:08:26	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.27	12.18	12.11	12.19	0.63	ppb
Lead	207-1	11.26	11.60	11.63	11.49	1.80	ppb
Lead	208-1	11.62	11.72	11.78	11.71	0.71	ppb
Lithium	6-1				104		%
Magnesium	24-2	3638.01	3616.48	3584.90	3613.13	0.74	ppb
Manganese	55-2	444.75	438.76	440.77	441.43	0.69	ppb
Molybdenum	94-1	4.13	4.20	4.23	4.19	1.27	ppb
Molybdenum	95-1	0.07	0.05	0.07	0.06	11.77	ppb
Molybdenum	96-1	0.59	0.59	0.58	0.59	0.62	ppb
Molybdenum	97-1	0.06	0.05	0.05	0.05	11.98	ppb
Molybdenum	98-1	0.05	0.07	0.05	0.06	12.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.98	95.46	95.16	95.20	0.25	ppb
Phosphorus	31-2	716.91	742.75	735.15	731.61	1.82	ppb
Potassium	39-2	1620.82	1622.35	1631.16	1624.77	0.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	13.11	12.76	13.23	13.03	1.86	ppb
Selenium	77-2	19.04	16.13	13.94	16.37	15.63	ppb
Selenium	78-2	14.36	15.92	15.02	15.10	5.18	ppb
Silicon	28-1	220.00	218.58	223.01	220.53	1.03	ppb
Silver	107-1	9.25	9.36	9.56	9.39	1.67	ppb
Silver	109-1	9.10	9.28	9.56	9.31	2.46	ppb
Sodium	23-2	25.81	26.04	25.53	25.79	1.00	ppb
Strontium	86-1	508.52	512.38	522.22	514.37	1.37	ppb
Strontium	88-1	508.24	522.52	521.26	517.34	1.53	ppb
Sulfur	34-1	-967.45	-978.38	-944.34	-963.39		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	8.56	8.70	8.66	8.64	0.84	ppb
Thallium	205-1	8.54	8.70	8.76	8.67	1.30	ppb
Tin	118-1	0.03	0.02	0.03	0.02	19.38	ppb
Titanium	47-1	18.20	19.30	18.49	18.66	3.07	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:08:26	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.17	0.17	0.16	2.05	ppb
Vanadium	51-2	100.04	99.99	99.44	99.82	0.33	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	137.44	138.28	137.24	137.65	0.40	ppb
Zirconium	90-1	2.28	2.31	2.35	2.31	1.66	ppb
Zirconium	91-1	2.29	2.41	2.37	2.36	2.59	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:11:35	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8020.55	8062.86	8221.03	8101.48	1.30	ppb
Antimony	121-1	66.63	73.11	73.12	70.95	5.27	ppb
Arsenic	75-2	44.50	44.91	44.76	44.72	0.47	ppb
Barium	135-1	1426.14	1558.90	1546.69	1510.58	4.86	ppb
Barium	137-1	1439.00	1546.27	1558.76	1514.67	4.35	ppb
Beryllium	9-1	33.98	36.85	38.00	36.28	5.71	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.42	35.29	36.65	34.46	7.88	ppb
Cadmium	106-1	32.35	34.71	35.57	34.21	4.87	ppb
Cadmium	111-1	35.49	38.91	38.77	37.72	5.13	ppb
Calcium	43-1	4287.81	4627.73	4658.53	4524.69	4.55	ppb
Calcium	44-1	4103.29	4546.09	4529.05	4392.81	5.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154.04	153.76	154.54	154.11	0.26	ppb
Cobalt	59-2	374.17	376.79	375.00	375.32	0.36	ppb
Copper	63-2	183.19	182.44	183.12	182.92	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	11574.36	11521.02	11576.04	11557.14	0.27	ppb
Iron	57-2	11657.08	11383.85	11440.75	11493.89	1.25	ppb
Iron	54-2	11787.90	11707.63	11647.54	11714.36	0.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:11:35	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.64	22.50	22.62	21.92	5.07	ppb
Lead	207-1	19.24	21.26	21.31	20.60	5.73	ppb
Lead	208-1	19.72	21.73	21.76	21.07	5.57	ppb
Lithium	6-1				107		%
Magnesium	24-2	3432.97	3487.61	3506.55	3475.71	1.10	ppb
Manganese	55-2	712.66	701.26	704.22	706.05	0.84	ppb
Molybdenum	94-1	3.73	4.14	4.10	3.99	5.60	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	6.61	ppb
Molybdenum	96-1	0.51	0.56	0.55	0.54	5.18	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.07	4.92	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	371.09	369.64	371.70	370.81	0.28	ppb
Phosphorus	31-2	688.12	702.79	684.15	691.69	1.42	ppb
Potassium	39-2	1565.66	1588.27	1601.16	1585.03	1.13	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	69.62	76.43	77.70	74.58	5.83	ppb
Selenium	77-2	88.07	82.77	86.29	85.71	3.15	ppb
Selenium	78-2	90.56	85.07	83.99	86.54	4.07	ppb
Silicon	28-1	196.09	215.31	216.49	209.30	5.47	ppb
Silver	107-1	33.00	36.36	36.00	35.12	5.24	ppb
Silver	109-1	32.66	36.20	36.12	34.99	5.76	ppb
Sodium	23-2	20.64	20.75	20.82	20.73	0.44	ppb
Strontium	86-1	454.43	497.52	502.45	484.80	5.45	ppb
Strontium	88-1	456.15	502.19	502.46	486.93	5.48	ppb
Sulfur	34-1	-1296.77	-1040.74	-996.01	-1111.18		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	31.52	34.44	34.49	33.48	5.08	ppb
Thallium	205-1	31.48	34.24	34.26	33.33	4.80	ppb
Tin	118-1	0.01	0.03	0.02	0.02	48.77	ppb
Titanium	47-1	16.12	18.53	17.74	17.46	7.02	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:11:35	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.16	0.16	0.15	2.93	ppb
Vanadium	51-2	373.96	374.66	380.65	376.43	0.98	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	407.85	408.64	410.06	408.85	0.27	ppb
Zirconium	90-1	2.03	2.25	2.25	2.17	5.83	ppb
Zirconium	91-1	2.04	2.22	2.29	2.18	5.88	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:14:37	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7988.22	8073.08	8104.57	8055.29	0.75	ppb
Antimony	121-1	0.20	0.20	0.19	0.20	3.71	ppb
Arsenic	75-2	14.79	14.29	14.44	14.51	1.77	ppb
Barium	135-1	76.83	76.58	77.23	76.88	0.43	ppb
Barium	137-1	76.73	76.60	76.32	76.55	0.27	ppb
Beryllium	9-1	0.32	0.31	0.34	0.32	5.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.57	0.64	0.54	0.58	9.12	ppb
Cadmium	106-1	0.91	0.60	0.23	0.58	58.74	ppb
Cadmium	111-1	0.26	0.23	0.19	0.23	15.55	ppb
Calcium	43-1	5314.81	5291.90	5268.34	5291.68	0.44	ppb
Calcium	44-1	5093.43	5061.74	5167.60	5107.59	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.98	22.01	22.21	22.06	0.57	ppb
Cobalt	59-2	11.45	11.76	11.71	11.64	1.44	ppb
Copper	63-2	35.08	34.79	35.16	35.01	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				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	23828.48	23903.43	23998.13	23910.01	0.36	ppb
Iron	57-2	23972.11	23728.38	23759.08	23819.86	0.56	ppb
Iron	54-2	23870.49	24018.30	24034.98	23974.59	0.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:14:37	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.83	10.94	10.82	10.86	0.64	ppb
Lead	207-1	10.52	10.73	10.53	10.59	1.13	ppb
Lead	208-1	10.57	10.70	10.56	10.61	0.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	4518.49	4494.70	4540.67	4517.95	0.51	ppb
Manganese	55-2	423.75	428.27	422.97	425.00	0.67	ppb
Molybdenum	94-1	6.45	6.32	6.44	6.40	1.08	ppb
Molybdenum	95-1	0.25	0.26	0.26	0.26	2.62	ppb
Molybdenum	96-1	1.03	1.06	1.07	1.05	2.23	ppb
Molybdenum	97-1	0.27	0.24	0.26	0.25	6.57	ppb
Molybdenum	98-1	0.24	0.24	0.25	0.24	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.55	17.35	17.57	17.49	0.69	ppb
Phosphorus	31-2	552.49	576.05	582.97	570.50	2.80	ppb
Potassium	39-2	1775.12	1803.06	1816.63	1798.27	1.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.01	0.01	0.02	0.01	229.90	ppb
Selenium	77-2	3.35	3.40	2.31	3.02	20.35	ppb
Selenium	78-2	1.50	1.49	0.67	1.22	39.05	ppb
Silicon	28-1	262.54	262.22	262.44	262.40	0.06	ppb
Silver	107-1	0.10	0.10	0.10	0.10	1.39	ppb
Silver	109-1	0.10	0.09	0.09	0.09	7.05	ppb
Sodium	23-2	58.55	58.69	59.62	58.96	0.99	ppb
Strontium	86-1	485.73	492.95	500.15	492.95	1.46	ppb
Strontium	88-1	489.94	494.20	499.90	494.68	1.01	ppb
Sulfur	34-1	-1034.67	-1027.81	-1020.06	-1027.51		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.08	0.09	0.08	8.47	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	5.70	ppb
Tin	118-1	0.24	0.23	0.23	0.23	1.18	ppb
Titanium	47-1	252.77	254.83	254.23	253.94	0.42	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:14:37	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.25	0.26	1.36	ppb
Vanadium	51-2	55.02	55.68	55.83	55.51	0.78	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	72.34	72.96	73.19	72.83	0.61	ppb
Zirconium	90-1	3.38	3.43	3.48	3.43	1.44	ppb
Zirconium	91-1	3.44	3.45	3.54	3.48	1.58	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:17:49	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8075.93	8176.54	8095.74	8116.07	0.66	ppb
Antimony	121-1	0.19	0.20	0.19	0.20	2.69	ppb
Arsenic	75-2	14.11	14.76	14.51	14.46	2.26	ppb
Barium	135-1	75.22	78.54	76.97	76.91	2.16	ppb
Barium	137-1	75.54	76.88	76.79	76.40	0.99	ppb
Beryllium	9-1	0.33	0.32	0.31	0.32	3.72	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.55	0.55	0.39	0.49	18.29	ppb
Cadmium	106-1	1.08	-0.03	0.07	0.37	164.20	ppb
Cadmium	111-1	0.26	0.19	0.19	0.21	18.83	ppb
Calcium	43-1	5255.30	5402.61	5421.67	5359.86	1.70	ppb
Calcium	44-1	5072.79	5171.71	5202.94	5149.15	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.49	22.77	22.35	22.54	0.94	ppb
Cobalt	59-2	11.81	11.85	11.54	11.73	1.44	ppb
Copper	63-2	72.43	72.83	71.85	72.37	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	24206.67	24215.56	24099.14	24173.79	0.27	ppb
Iron	57-2	24008.75	23816.28	23570.19	23798.41	0.92	ppb
Iron	54-2	24434.45	24502.93	24198.30	24378.56	0.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:17:49	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.86	40.88	41.56	41.10	0.97	ppb
Lead	207-1	39.04	38.74	39.74	39.17	1.30	ppb
Lead	208-1	39.52	39.68	40.34	39.85	1.09	ppb
Lithium	6-1				102		%
Magnesium	24-2	4529.23	4603.82	4546.26	4559.77	0.86	ppb
Manganese	55-2	431.64	435.62	429.89	432.38	0.68	ppb
Molybdenum	94-1	6.24	6.50	6.32	6.36	2.09	ppb
Molybdenum	95-1	0.25	0.24	0.26	0.25	4.85	ppb
Molybdenum	96-1	1.07	1.08	1.10	1.08	1.53	ppb
Molybdenum	97-1	0.24	0.25	0.25	0.25	3.00	ppb
Molybdenum	98-1	0.23	0.28	0.25	0.25	9.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.90	27.14	26.92	26.98	0.50	ppb
Phosphorus	31-2	545.84	566.00	560.05	557.30	1.86	ppb
Potassium	39-2	1826.78	1852.67	1797.11	1825.52	1.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.09	-0.11	0.06	-0.05		ppb
Selenium	77-2	3.04	2.33	2.94	2.77	13.87	ppb
Selenium	78-2	0.96	1.01	0.57	0.85	27.96	ppb
Silicon	28-1	237.48	247.32	245.49	243.43	2.15	ppb
Silver	107-1	0.08	0.09	0.08	0.08	2.20	ppb
Silver	109-1	0.08	0.08	0.08	0.08	2.71	ppb
Sodium	23-2	60.28	59.83	58.88	59.66	1.20	ppb
Strontium	86-1	472.53	498.33	494.22	488.36	2.84	ppb
Strontium	88-1	485.08	503.62	500.77	496.49	2.01	ppb
Sulfur	34-1	-1091.13	-985.04	-998.29	-1024.82		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.08	0.08	0.08	4.64	ppb
Thallium	205-1	0.07	0.08	0.08	0.07	2.71	ppb
Tin	118-1	1.49	1.52	1.51	1.50	1.15	ppb
Titanium	47-1	246.26	253.04	255.71	251.67	1.94	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:17:49	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.25	0.25	0.25	0.48	ppb
Vanadium	51-2	56.29	56.44	56.17	56.30	0.25	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	82.36	83.09	82.33	82.59	0.52	ppb
Zirconium	90-1	3.34	3.42	3.44	3.40	1.48	ppb
Zirconium	91-1	3.51	3.50	3.50	3.50	0.21	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:20:58	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1590.43	1599.12	1595.74	1595.10	0.27	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	15.86	ppb
Arsenic	75-2	3.06	3.22	2.86	3.05	5.88	ppb
Barium	135-1	15.52	15.16	15.70	15.46	1.79	ppb
Barium	137-1	15.46	15.21	15.44	15.37	0.92	ppb
Beryllium	9-1	0.09	0.07	0.07	0.08	15.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.05	0.13	0.12	52.04	ppb
Cadmium	106-1	-0.03	-0.75	-1.05	-0.61		ppb
Cadmium	111-1	0.02	-0.02	-0.03	-0.01		ppb
Calcium	43-1	1077.16	1066.12	1090.19	1077.82	1.12	ppb
Calcium	44-1	1064.58	1083.07	1076.31	1074.65	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.45	4.45	4.50	4.47	0.67	ppb
Cobalt	59-2	2.33	2.32	2.43	2.36	2.55	ppb
Copper	63-2	7.16	7.15	7.27	7.19	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	4822.63	4858.57	4853.78	4845.00	0.40	ppb
Iron	57-2	4881.96	4822.67	4879.62	4861.41	0.69	ppb
Iron	54-2	4911.53	4855.78	4949.87	4905.73	0.96	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:20:58	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.18	2.14	2.15	2.16	0.85	ppb
Lead	207-1	2.07	2.13	2.13	2.11	1.51	ppb
Lead	208-1	2.11	2.10	2.10	2.10	0.35	ppb
Lithium	6-1				102		%
Magnesium	24-2	888.17	884.69	885.73	886.19	0.20	ppb
Manganese	55-2	84.38	84.12	84.82	84.44	0.41	ppb
Molybdenum	94-1	1.32	1.25	1.30	1.29	2.63	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	6.45	ppb
Molybdenum	96-1	0.23	0.23	0.21	0.22	5.05	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.04	11.66	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	8.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.46	3.57	3.54	3.52	1.50	ppb
Phosphorus	31-2	103.97	102.00	106.10	104.02	1.97	ppb
Potassium	39-2	376.02	374.26	375.05	375.11	0.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-0.07	0.04	-0.14	-0.06		ppb
Selenium	77-2	1.67	0.26	0.76	0.90	79.83	ppb
Selenium	78-2	0.12	0.55	0.36	0.35	61.80	ppb
Silicon	28-1	62.33	62.12	64.42	62.96	2.02	ppb
Silver	107-1	0.02	0.02	0.01	0.02	16.76	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.34	ppb
Sodium	23-2	10.69	10.42	10.71	10.61	1.57	ppb
Strontium	86-1	99.61	99.71	102.04	100.45	1.37	ppb
Strontium	88-1	99.76	101.02	101.01	100.60	0.72	ppb
Sulfur	34-1	-1109.85	-1048.11	-1044.58	-1067.51		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	18.32	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.40	ppb
Tin	118-1	0.05	0.05	0.06	0.05	6.34	ppb
Titanium	47-1	51.49	51.03	51.99	51.50	0.94	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:20:58	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	3.59	ppb
Vanadium	51-2	11.25	11.18	11.29	11.24	0.45	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	15.32	15.19	15.23	15.25	0.46	ppb
Zirconium	90-1	0.69	0.70	0.70	0.70	0.79	ppb
Zirconium	91-1	0.68	0.70	0.71	0.70	2.56	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:24:13	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8443.94	8331.25	8313.59	8362.93	0.85	ppb
Antimony	121-1	17.92	18.14	18.09	18.05	0.65	ppb
Arsenic	75-2	23.72	23.98	24.54	24.08	1.74	ppb
Barium	135-1	522.78	529.89	530.39	527.69	0.81	ppb
Barium	137-1	527.79	530.08	529.49	529.12	0.23	ppb
Beryllium	9-1	11.66	11.84	12.11	11.87	1.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.37	9.51	8.98	8.95	6.37	ppb
Cadmium	106-1	9.27	8.91	8.62	8.94	3.65	ppb
Cadmium	111-1	9.62	9.66	9.46	9.58	1.10	ppb
Calcium	43-1	5144.91	5250.23	5260.14	5218.43	1.22	ppb
Calcium	44-1	4930.09	4995.30	5021.15	4982.18	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.52	66.09	66.05	66.22	0.40	ppb
Cobalt	59-2	121.55	122.69	120.54	121.60	0.88	ppb
Copper	63-2	87.26	86.93	86.28	86.82	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				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	23620.47	23812.02	23336.32	23589.60	1.01	ppb
Iron	57-2	23469.65	23348.79	23106.98	23308.48	0.79	ppb
Iron	54-2	23950.47	23914.21	23628.34	23831.01	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:24:13	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.93	14.04	14.29	14.09	1.29	ppb
Lead	207-1	13.65	13.44	13.69	13.59	0.99	ppb
Lead	208-1	13.61	13.59	13.86	13.69	1.09	ppb
Lithium	6-1				101		%
Magnesium	24-2	4484.72	4470.70	4408.22	4454.55	0.91	ppb
Manganese	55-2	527.63	528.85	524.10	526.86	0.47	ppb
Molybdenum	94-1	6.12	6.12	6.30	6.18	1.65	ppb
Molybdenum	95-1	0.25	0.26	0.25	0.25	3.21	ppb
Molybdenum	96-1	1.06	1.06	1.02	1.05	2.53	ppb
Molybdenum	97-1	0.24	0.24	0.24	0.24	1.24	ppb
Molybdenum	98-1	0.23	0.24	0.25	0.24	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.25	129.15	128.04	128.48	0.46	ppb
Phosphorus	31-2	571.52	569.85	547.93	563.10	2.34	ppb
Potassium	39-2	1772.16	1759.00	1728.88	1753.35	1.27	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	19.07	18.76	19.45	19.10	1.80	ppb
Selenium	77-2	22.88	25.15	26.71	24.91	7.73	ppb
Selenium	78-2	20.98	20.67	22.08	21.24	3.47	ppb
Silicon	28-1	266.87	274.74	272.37	271.33	1.49	ppb
Silver	107-1	11.02	11.12	11.18	11.10	0.73	ppb
Silver	109-1	10.95	11.08	11.15	11.06	0.92	ppb
Sodium	23-2	58.00	57.77	57.59	57.79	0.36	ppb
Strontium	86-1	473.95	480.24	485.65	479.95	1.22	ppb
Strontium	88-1	477.30	483.22	487.20	482.57	1.03	ppb
Sulfur	34-1	-1061.71	-977.87	-962.59	-1000.72		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	8.24	8.32	8.33	8.30	0.57	ppb
Thallium	205-1	8.34	8.31	8.39	8.35	0.47	ppb
Tin	118-1	0.23	0.23	0.22	0.23	3.64	ppb
Titanium	47-1	245.61	249.76	253.05	249.47	1.49	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:24:13	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.24	0.24	0.24	1.86	ppb
Vanadium	51-2	164.93	163.79	161.66	163.46	1.01	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	185.52	184.71	181.16	183.80	1.26	ppb
Zirconium	90-1	3.28	3.33	3.35	3.32	1.02	ppb
Zirconium	91-1	3.30	3.37	3.41	3.36	1.70	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:27:20	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9253.34	9409.60	9226.91	9296.61	1.06	ppb
Antimony	121-1	68.35	69.11	69.13	68.86	0.64	ppb
Arsenic	75-2	52.00	51.33	51.43	51.59	0.70	ppb
Barium	135-1	1753.87	1758.88	1756.97	1756.57	0.14	ppb
Barium	137-1	1762.67	1772.42	1738.94	1758.01	0.98	ppb
Beryllium	9-1	42.41	42.95	43.93	43.10	1.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.53	33.93	33.41	33.63	0.82	ppb
Cadmium	106-1	33.86	33.41	32.17	33.15	2.64	ppb
Cadmium	111-1	36.00	36.17	36.21	36.13	0.31	ppb
Calcium	43-1	5077.17	5118.76	5175.59	5123.84	0.96	ppb
Calcium	44-1	4919.35	4864.17	5009.54	4931.02	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	189.59	188.76	187.48	188.61	0.56	ppb
Cobalt	59-2	437.46	436.28	427.24	433.66	1.29	ppb
Copper	63-2	236.16	238.01	235.48	236.55	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				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	23839.76	23996.19	23679.58	23838.51	0.66	ppb
Iron	57-2	23765.48	23686.81	23630.34	23694.21	0.29	ppb
Iron	54-2	24389.41	24264.54	24069.64	24241.19	0.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:27:20	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.61	24.02	23.88	23.83	0.87	ppb
Lead	207-1	22.15	22.70	22.62	22.49	1.32	ppb
Lead	208-1	22.69	23.13	23.02	22.95	1.01	ppb
Lithium	6-1				102		%
Magnesium	24-2	4373.80	4386.45	4291.03	4350.43	1.19	ppb
Manganese	55-2	819.55	835.91	816.41	823.95	1.27	ppb
Molybdenum	94-1	6.10	6.08	6.05	6.08	0.46	ppb
Molybdenum	95-1	0.25	0.26	0.26	0.26	1.97	ppb
Molybdenum	96-1	0.97	1.03	1.05	1.02	3.96	ppb
Molybdenum	97-1	0.25	0.26	0.26	0.26	1.97	ppb
Molybdenum	98-1	0.26	0.24	0.24	0.25	3.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	433.93	435.70	428.58	432.74	0.86	ppb
Phosphorus	31-2	538.48	556.58	549.47	548.18	1.66	ppb
Potassium	39-2	1776.82	1694.54	1729.19	1733.51	2.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	94.03	93.48	95.41	94.31	1.05	ppb
Selenium	77-2	111.77	103.79	112.65	109.40	4.46	ppb
Selenium	78-2	107.16	107.76	102.30	105.74	2.83	ppb
Silicon	28-1	270.22	263.54	268.76	267.51	1.31	ppb
Silver	107-1	39.97	40.77	40.53	40.43	1.01	ppb
Silver	109-1	40.29	40.81	40.57	40.56	0.65	ppb
Sodium	23-2	55.83	57.46	55.50	56.26	1.86	ppb
Strontium	86-1	471.62	470.24	469.99	470.61	0.19	ppb
Strontium	88-1	476.30	476.58	476.26	476.38	0.04	ppb
Sulfur	34-1	-1100.59	-1091.60	-1036.64	-1076.28		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	31.85	32.06	32.18	32.03	0.52	ppb
Thallium	205-1	31.71	32.09	32.00	31.94	0.62	ppb
Tin	118-1	0.22	0.22	0.22	0.22	1.19	ppb
Titanium	47-1	242.86	244.55	248.42	245.28	1.16	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:27:20	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.24	0.25	0.24	4.02	ppb
Vanadium	51-2	468.57	472.35	465.86	468.93	0.70	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	485.38	489.36	478.49	484.41	1.14	ppb
Zirconium	90-1	3.27	3.29	3.29	3.28	0.40	ppb
Zirconium	91-1	3.35	3.31	3.41	3.36	1.50	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:30:22	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6499.65	6530.31	6536.22	6522.06	0.30	ppb
Antimony	121-1	0.04	0.05	0.05	0.04	8.00	ppb
Arsenic	75-2	3.04	3.11	3.07	3.08	1.08	ppb
Barium	135-1	46.73	48.40	47.62	47.58	1.76	ppb
Barium	137-1	46.82	47.93	46.56	47.10	1.54	ppb
Beryllium	9-1	0.16	0.18	0.12	0.15	20.32	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.23	0.13	0.19	0.18	26.83	ppb
Cadmium	106-1	0.59	-0.42	0.06	0.07	676.72	ppb
Cadmium	111-1	0.08	0.00	0.04	0.04	108.90	ppb
Calcium	43-1	3373.90	3449.63	3441.91	3421.81	1.22	ppb
Calcium	44-1	3287.30	3322.14	3335.46	3314.96	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.61	19.65	19.61	19.62	0.12	ppb
Cobalt	59-2	7.78	7.67	7.70	7.72	0.71	ppb
Copper	63-2	22.14	22.10	21.74	21.99	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	15106.88	15115.81	15095.22	15105.97	0.07	ppb
Iron	57-2	15167.61	15219.55	14751.14	15046.10	1.71	ppb
Iron	54-2	15218.91	15288.43	15295.66	15267.67	0.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:30:22	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.28	4.36	4.46	4.37	2.06	ppb
Lead	207-1	3.34	3.34	3.44	3.37	1.71	ppb
Lead	208-1	3.65	3.69	3.74	3.69	1.14	ppb
Lithium	6-1				104		%
Magnesium	24-2	5294.80	5334.25	5303.20	5310.75	0.39	ppb
Manganese	55-2	236.39	235.51	236.85	236.25	0.29	ppb
Molybdenum	94-1	2.61	2.66	2.69	2.65	1.49	ppb
Molybdenum	95-1	0.07	0.09	0.09	0.08	11.96	ppb
Molybdenum	96-1	0.46	0.46	0.50	0.47	4.47	ppb
Molybdenum	97-1	0.09	0.08	0.09	0.08	7.86	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	8.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.40	15.49	15.15	15.35	1.16	ppb
Phosphorus	31-2	404.05	387.61	409.26	400.31	2.82	ppb
Potassium	39-2	574.36	579.03	574.61	576.00	0.46	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.35	0.21	-0.54	0.01	6539.88	ppb
Selenium	77-2	1.13	1.88	0.76	1.25	45.65	ppb
Selenium	78-2	0.15	0.32	0.74	0.40	75.46	ppb
Silicon	28-1	156.30	161.49	162.77	160.19	2.14	ppb
Silver	107-1	0.04	0.03	0.03	0.04	10.65	ppb
Silver	109-1	0.04	0.04	0.03	0.04	9.35	ppb
Sodium	23-2	54.19	55.25	53.87	54.44	1.32	ppb
Strontium	86-1	378.18	385.63	383.83	382.55	1.01	ppb
Strontium	88-1	382.23	396.15	390.91	389.77	1.80	ppb
Sulfur	34-1	-1226.21	-1100.73	-1082.83	-1136.59		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.04	0.04	0.04	11.06	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	7.64	ppb
Tin	118-1	0.15	0.15	0.15	0.15	0.78	ppb
Titanium	47-1	370.04	376.25	379.41	375.23	1.27	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:30:22	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.31	0.30	0.31	1.94	ppb
Vanadium	51-2	26.26	26.43	26.58	26.43	0.60	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	41.79	41.94	40.92	41.55	1.33	ppb
Zirconium	90-1	1.43	1.47	1.41	1.44	2.36	ppb
Zirconium	91-1	1.42	1.52	1.45	1.46	3.61	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:33:31	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6601.74	6579.32	6667.77	6616.28	0.69	ppb
Antimony	121-1	0.02	0.03	0.03	0.02	9.03	ppb
Arsenic	75-2	2.94	3.14	2.97	3.02	3.61	ppb
Barium	135-1	47.35	47.55	47.68	47.53	0.35	ppb
Barium	137-1	47.71	47.36	47.80	47.62	0.49	ppb
Beryllium	9-1	0.17	0.18	0.16	0.17	4.19	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.21	0.20	0.13	0.18	26.24	ppb
Cadmium	106-1	0.32	0.23	-0.25	0.10	311.86	ppb
Cadmium	111-1	0.05	0.05	0.02	0.04	38.59	ppb
Calcium	43-1	3471.37	3428.18	3497.67	3465.74	1.01	ppb
Calcium	44-1	3325.46	3345.24	3404.54	3358.41	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.86	19.61	19.76	19.74	0.62	ppb
Cobalt	59-2	7.74	7.73	7.75	7.74	0.14	ppb
Copper	63-2	22.04	21.88	22.06	21.99	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	15319.68	15204.81	15239.94	15254.81	0.39	ppb
Iron	57-2	15128.12	15097.84	15221.88	15149.28	0.43	ppb
Iron	54-2	15445.44	15286.91	15273.72	15335.36	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:33:31	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.37	4.37	4.40	4.38	0.44	ppb
Lead	207-1	3.38	3.48	3.45	3.44	1.62	ppb
Lead	208-1	3.67	3.70	3.73	3.70	0.77	ppb
Lithium	6-1				103		%
Magnesium	24-2	5316.32	5314.74	5288.29	5306.45	0.30	ppb
Manganese	55-2	238.02	237.46	237.45	237.64	0.14	ppb
Molybdenum	94-1	2.67	2.76	2.67	2.70	1.87	ppb
Molybdenum	95-1	0.09	0.10	0.09	0.09	6.72	ppb
Molybdenum	96-1	0.46	0.46	0.46	0.46	0.77	ppb
Molybdenum	97-1	0.11	0.10	0.08	0.10	18.16	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	4.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.47	15.35	15.11	15.31	1.20	ppb
Phosphorus	31-2	410.26	415.89	411.48	412.54	0.72	ppb
Potassium	39-2	581.40	577.07	575.52	578.00	0.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.07	-0.26	-0.41	-0.20		ppb
Selenium	77-2	1.14	1.74	0.99	1.29	30.93	ppb
Selenium	78-2	-0.02	0.00	0.51	0.16	184.86	ppb
Silicon	28-1	161.43	160.89	165.10	162.47	1.41	ppb
Silver	107-1	0.02	0.02	0.01	0.02	14.52	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.29	ppb
Sodium	23-2	52.82	53.53	52.46	52.94	1.03	ppb
Strontium	86-1	382.71	390.63	391.24	388.19	1.23	ppb
Strontium	88-1	388.31	394.92	395.19	392.81	0.99	ppb
Sulfur	34-1	-1091.60	-1059.80	-1020.31	-1057.24		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.28	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.41	ppb
Tin	118-1	0.16	0.15	0.17	0.16	5.82	ppb
Titanium	47-1	380.77	381.77	383.23	381.92	0.32	ppb

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:33:31	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.31	0.31	0.31	0.79	ppb
Vanadium	51-2	26.74	26.42	26.75	26.63	0.71	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	41.58	41.05	39.92	40.85	2.08	ppb
Zirconium	90-1	1.46	1.50	1.51	1.49	1.75	ppb
Zirconium	91-1	1.46	1.55	1.42	1.48	4.32	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:36:43	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1272.48	1268.56	1267.12	1269.39	0.22	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	33.70	ppb
Arsenic	75-2	0.66	0.65	0.65	0.65	1.07	ppb
Barium	135-1	9.36	9.26	9.59	9.40	1.79	ppb
Barium	137-1	9.29	9.21	9.48	9.32	1.51	ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	75.22	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	-0.03	0.01	0.01	296.90	ppb
Cadmium	106-1	-0.41	0.01	-0.43	-0.27		ppb
Cadmium	111-1	-0.02	0.01	-0.02	-0.01		ppb
Calcium	43-1	679.43	667.24	690.51	679.06	1.71	ppb
Calcium	44-1	676.98	690.44	681.06	682.83	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.88	3.91	3.90	3.90	0.46	ppb
Cobalt	59-2	1.57	1.54	1.53	1.55	1.23	ppb
Copper	63-2	4.42	4.42	4.40	4.41	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				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	3016.21	3013.63	3015.80	3015.21	0.05	ppb
Iron	57-2	3047.58	3014.10	3014.04	3025.24	0.64	ppb
Iron	54-2	3059.80	3070.96	3046.80	3059.19	0.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:36:43	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.85	0.87	0.89	0.87	1.94	ppb
Lead	207-1	0.64	0.65	0.68	0.65	3.15	ppb
Lead	208-1	0.72	0.72	0.72	0.72	0.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	1024.64	1016.11	1021.73	1020.83	0.42	ppb
Manganese	55-2	46.90	47.31	46.98	47.07	0.46	ppb
Molybdenum	94-1	0.51	0.52	0.54	0.53	2.33	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	37.39	ppb
Molybdenum	96-1	0.09	0.10	0.10	0.10	8.09	ppb
Molybdenum	97-1	0.02	0.02	0.01	0.02	29.52	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	9.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.06	2.91	2.93	2.97	2.79	ppb
Phosphorus	31-2	55.91	62.20	61.57	59.89	5.79	ppb
Potassium	39-2	111.75	113.00	115.60	113.45	1.73	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	-0.15	-0.18	-0.12	-0.15		ppb
Selenium	77-2	0.25	0.38	0.37	0.33	21.74	ppb
Selenium	78-2	0.48	0.18	0.14	0.27	70.77	ppb
Silicon	28-1	38.10	39.56	40.28	39.31	2.82	ppb
Silver	107-1	0.01	0.01	0.00	0.01	24.53	ppb
Silver	109-1	0.01	0.00	0.00	0.00	31.52	ppb
Sodium	23-2	8.40	8.06	8.67	8.38	3.66	ppb
Strontium	86-1	74.90	76.87	76.10	75.96	1.31	ppb
Strontium	88-1	77.60	78.22	77.71	77.84	0.42	ppb
Sulfur	34-1	-1151.45	-1036.73	-1022.56	-1070.25		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.01	0.01	25.78	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	2.99	ppb
Tin	118-1	0.03	0.02	0.03	0.03	22.35	ppb
Titanium	47-1	76.31	75.59	75.28	75.72	0.70	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:36:43	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.06	0.06	0.06	2.84	ppb
Vanadium	51-2	5.20	5.18	5.29	5.22	1.10	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	8.19	8.51	8.35	8.35	1.91	ppb
Zirconium	90-1	0.30	0.29	0.30	0.30	1.30	ppb
Zirconium	91-1	0.29	0.30	0.30	0.29	1.50	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:39:57	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6866.93	6918.68	6936.07	6907.23	0.52	ppb
Antimony	121-1	16.86	17.38	17.69	17.31	2.41	ppb
Arsenic	75-2	12.70	12.69	12.77	12.72	0.34	ppb
Barium	135-1	382.45	388.11	392.48	387.68	1.30	ppb
Barium	137-1	402.95	406.81	417.37	409.04	1.83	ppb
Beryllium	9-1	9.10	8.82	9.13	9.02	1.92	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.05	8.22	9.02	8.43	6.15	ppb
Cadmium	106-1	9.05	8.64	8.39	8.69	3.85	ppb
Cadmium	111-1	9.25	9.21	9.13	9.20	0.69	ppb
Calcium	43-1	3404.77	3460.08	3466.82	3443.89	0.99	ppb
Calcium	44-1	3235.49	3329.59	3354.75	3306.61	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.21	55.39	55.26	55.29	0.17	ppb
Cobalt	59-2	96.43	94.42	94.49	95.11	1.20	ppb
Copper	63-2	63.91	63.84	63.43	63.72	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	15360.51	15420.38	15173.64	15318.18	0.84	ppb
Iron	57-2	15202.19	15265.74	15168.30	15212.08	0.33	ppb
Iron	54-2	15362.36	15465.65	15563.83	15463.95	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:39:57	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.52	7.79	7.75	7.68	1.89	ppb
Lead	207-1	6.27	6.55	6.45	6.42	2.22	ppb
Lead	208-1	6.65	6.94	6.92	6.84	2.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	5283.11	5417.73	5309.35	5336.73	1.34	ppb
Manganese	55-2	328.96	338.03	325.11	330.70	2.01	ppb
Molybdenum	94-1	2.60	2.75	2.68	2.67	2.87	ppb
Molybdenum	95-1	0.09	0.09	0.09	0.09	1.72	ppb
Molybdenum	96-1	0.45	0.51	0.49	0.48	6.11	ppb
Molybdenum	97-1	0.07	0.08	0.09	0.08	11.10	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	7.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.48	103.97	103.24	104.23	1.10	ppb
Phosphorus	31-2	402.77	421.46	395.98	406.74	3.24	ppb
Potassium	39-2	579.37	579.49	571.97	576.94	0.75	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	15.64	15.69	16.29	15.87	2.29	ppb
Selenium	77-2	21.26	20.21	20.22	20.56	2.95	ppb
Selenium	78-2	18.77	18.26	19.59	18.87	3.57	ppb
Silicon	28-1	150.52	155.86	154.53	153.64	1.81	ppb
Silver	107-1	8.47	8.82	9.05	8.78	3.27	ppb
Silver	109-1	8.50	8.75	8.97	8.74	2.66	ppb
Sodium	23-2	52.79	51.86	51.07	51.91	1.66	ppb
Strontium	86-1	372.78	386.45	392.65	383.96	2.65	ppb
Strontium	88-1	379.94	392.58	393.81	388.78	1.98	ppb
Sulfur	34-1	-1083.20	-962.02	-979.75	-1008.32		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	7.84	8.13	8.07	8.01	1.90	ppb
Thallium	205-1	7.85	8.11	8.09	8.02	1.79	ppb
Tin	118-1	0.15	0.15	0.16	0.15	3.74	ppb
Titanium	47-1	367.01	381.00	379.88	375.96	2.07	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:39:57	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.30	0.32	0.32	0.31	2.91	ppb
Vanadium	51-2	113.97	113.42	112.07	113.15	0.86	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	129.67	128.84	128.21	128.91	0.57	ppb
Zirconium	90-1	1.40	1.48	1.49	1.46	3.11	ppb
Zirconium	91-1	1.48	1.45	1.50	1.48	1.69	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:43:08	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7800.18	7875.28	7871.13	7848.87	0.54	ppb
Antimony	121-1	73.09	73.87	74.79	73.92	1.15	ppb
Arsenic	75-2	43.31	43.30	43.34	43.32	0.05	ppb
Barium	135-1	1569.27	1551.31	1598.21	1572.93	1.50	ppb
Barium	137-1	1552.50	1569.63	1601.19	1574.44	1.57	ppb
Beryllium	9-1	39.13	39.09	39.69	39.30	0.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.42	35.45	36.48	36.12	1.60	ppb
Cadmium	106-1	35.35	34.47	35.13	34.98	1.31	ppb
Cadmium	111-1	39.25	39.32	39.56	39.38	0.42	ppb
Calcium	43-1	3422.60	3396.35	3446.56	3421.84	0.73	ppb
Calcium	44-1	3304.67	3296.18	3316.97	3305.94	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	167.98	170.69	170.82	169.83	0.95	ppb
Cobalt	59-2	386.40	393.23	393.83	391.16	1.06	ppb
Copper	63-2	195.41	198.52	198.89	197.61	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				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	15689.55	15812.08	15803.73	15768.45	0.43	ppb
Iron	57-2	15448.71	15571.50	15669.44	15563.22	0.71	ppb
Iron	54-2	15862.18	15988.86	16163.91	16004.98	0.95	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:43:08	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	18.82	18.67	18.83	18.77	0.46	ppb
Lead	207-1	16.66	16.58	16.61	16.61	0.25	ppb
Lead	208-1	17.41	17.19	17.43	17.34	0.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	5227.15	5247.68	5206.55	5227.13	0.39	ppb
Manganese	55-2	609.20	613.25	612.04	611.50	0.34	ppb
Molybdenum	94-1	2.76	2.76	2.67	2.73	1.84	ppb
Molybdenum	95-1	0.08	0.11	0.09	0.09	13.70	ppb
Molybdenum	96-1	0.50	0.49	0.49	0.50	0.60	ppb
Molybdenum	97-1	0.09	0.08	0.09	0.09	5.88	ppb
Molybdenum	98-1	0.09	0.10	0.10	0.10	8.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	386.15	391.48	394.32	390.65	1.06	ppb
Phosphorus	31-2	398.25	391.88	405.77	398.63	1.74	ppb
Potassium	39-2	561.14	567.12	565.39	564.55	0.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	78.46	79.93	80.73	79.71	1.44	ppb
Selenium	77-2	97.24	83.83	90.33	90.47	7.42	ppb
Selenium	78-2	86.71	89.26	89.44	88.47	1.73	ppb
Silicon	28-1	154.72	155.65	157.12	155.83	0.78	ppb
Silver	107-1	36.61	37.08	37.95	37.22	1.83	ppb
Silver	109-1	36.62	36.82	38.06	37.16	2.10	ppb
Sodium	23-2	51.87	51.79	51.39	51.68	0.50	ppb
Strontium	86-1	386.41	384.20	383.48	384.70	0.40	ppb
Strontium	88-1	384.15	392.78	386.53	387.82	1.15	ppb
Sulfur	34-1	-1091.53	-1083.61	-1037.32	-1070.82		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	34.40	34.29	34.36	34.35	0.16	ppb
Thallium	205-1	34.22	34.33	34.55	34.37	0.50	ppb
Tin	118-1	0.17	0.17	0.16	0.17	1.65	ppb
Titanium	47-1	376.88	372.71	378.47	376.02	0.79	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:43:08	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.31	0.30	0.31	0.31	1.13	ppb
Vanadium	51-2	402.57	406.32	403.79	404.23	0.47	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	411.03	417.49	416.14	414.89	0.82	ppb
Zirconium	90-1	1.44	1.48	1.47	1.46	1.58	ppb
Zirconium	91-1	1.47	1.52	1.50	1.50	1.39	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5182-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ18ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:46:10	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35165.70	34881.42	34845.02	34964.05	0.50	ppb
Antimony	121-1	0.40	0.40	0.40	0.40	0.59	ppb
Arsenic	75-2	104.06	106.42	104.59	105.02	1.18	ppb
Barium	135-1	313.25	315.81	310.82	313.30	0.80	ppb
Barium	137-1	324.14	328.87	322.05	325.02	1.08	ppb
Beryllium	9-1	1.52	1.45	1.52	1.50	2.77	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.05	2.03	1.99	2.03	1.54	ppb
Cadmium	106-1	4.65	3.75	3.05	3.82	21.00	ppb
Cadmium	111-1	1.51	1.33	1.27	1.37	9.28	ppb
Calcium	43-1	13872.17	14155.02	14243.97	14090.39	1.38	ppb
Calcium	44-1	13466.87	13524.79	13535.85	13509.17	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.59	42.46	42.44	42.50	0.19	ppb
Cobalt	59-2	38.80	38.72	38.70	38.74	0.13	ppb
Copper	63-2	153.61	154.82	154.99	154.47	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	94079.85	94483.16	92948.38	93837.13	0.85	ppb
Iron	57-2	92080.54	92781.06	92018.64	92293.41	0.46	ppb
Iron	54-2	94183.09	94041.69	93580.51	93935.10	0.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5182-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ18ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:46:10	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	70.46	71.15	71.52	71.04	0.76	ppb
Lead	207-1	71.74	72.62	73.02	72.46	0.91	ppb
Lead	208-1	70.58	71.35	71.56	71.16	0.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	14993.81	15244.00	15090.74	15109.51	0.83	ppb
Manganese	55-2	1759.01	1771.94	1750.58	1760.51	0.61	ppb
Molybdenum	94-1	19.85	20.09	20.13	20.02	0.76	ppb
Molybdenum	95-1	0.78	0.80	0.81	0.80	2.27	ppb
Molybdenum	96-1	3.46	3.48	3.43	3.46	0.77	ppb
Molybdenum	97-1	0.77	0.77	0.76	0.77	0.52	ppb
Molybdenum	98-1	0.75	0.75	0.76	0.75	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.06	39.52	39.70	39.76	0.69	ppb
Phosphorus	31-2	2890.99	2896.35	2882.77	2890.03	0.24	ppb
Potassium	39-2	9029.19	9039.51	9024.13	9030.94	0.09	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	1.32	0.80	0.70	0.94	35.33	ppb
Selenium	77-2	14.02	16.21	14.77	15.00	7.42	ppb
Selenium	78-2	2.80	2.84	3.82	3.16	18.28	ppb
Silicon	28-1	1600.21	1623.43	1632.44	1618.69	1.03	ppb
Silver	107-1	2.35	2.41	2.37	2.37	1.27	ppb
Silver	109-1	2.32	2.37	2.32	2.34	1.15	ppb
Sodium	23-2	120.65	121.41	122.92	121.66	0.95	ppb
Strontium	86-1	1396.37	1407.67	1405.95	1403.33	0.43	ppb
Strontium	88-1	1446.17	1453.08	1445.52	1448.26	0.29	ppb
Sulfur	34-1	-515.62	-456.50	-396.38	-456.17		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.27	0.27	0.27	3.05	ppb
Thallium	205-1	0.26	0.28	0.29	0.28	4.30	ppb
Tin	118-1	0.49	0.48	0.48	0.48	1.75	ppb
Titanium	47-1	623.73	637.77	638.40	633.30	1.31	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5182-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ18ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:46:10	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.98	0.97	0.97	0.77	ppb
Vanadium	51-2	149.59	149.70	148.94	149.41	0.28	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	379.01	381.70	380.34	380.35	0.35	ppb
Zirconium	90-1	10.83	11.03	10.89	10.92	0.91	ppb
Zirconium	91-1	11.00	11.13	10.94	11.02	0.89	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5183-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZD8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:49:19	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74415.62	74794.79	73937.79	74382.73	0.58	ppb
Antimony	121-1	1.14	1.17	1.18	1.16	1.72	ppb
Arsenic	75-2	157.25	158.42	158.24	157.97	0.40	ppb
Barium	135-1	145.03	145.82	147.73	146.19	0.95	ppb
Barium	137-1	145.06	146.72	148.45	146.74	1.15	ppb
Beryllium	9-1	0.72	0.86	0.80	0.80	8.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.05	4.37	4.53	4.32	5.71	ppb
Cadmium	106-1	6.17	5.18	5.00	5.45	11.57	ppb
Cadmium	111-1	3.79	3.70	3.64	3.71	1.99	ppb
Calcium	43-1	13357.93	13364.72	13608.20	13443.62	1.06	ppb
Calcium	44-1	12790.89	12852.86	12900.13	12847.96	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	318.50	317.41	318.53	318.15	0.20	ppb
Cobalt	59-2	108.81	109.54	109.69	109.34	0.43	ppb
Copper	63-2	756.25	761.72	753.78	757.25	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	169871.34	169877.06	169140.81	169629.74	0.25	ppb
Iron	57-2	167082.29	169112.40	167051.26	167748.65	0.70	ppb
Iron	54-2	170752.53	172030.21	171608.18	171463.64	0.38	ppb
Krypton	83-1						cps

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5183-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZD8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:49:19	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	107.45	108.08	107.68	107.74	0.30	ppb
Lead	207-1	106.23	107.08	107.47	106.92	0.59	ppb
Lead	208-1	110.59	111.30	111.53	111.14	0.44	ppb
Lithium	6-1				104		%
Magnesium	24-2	53216.25	53294.62	52765.18	53092.01	0.54	ppb
Manganese	55-2	2955.71	2969.45	2956.52	2960.56	0.26	ppb
Molybdenum	94-1	11.00	11.10	11.17	11.09	0.75	ppb
Molybdenum	95-1	0.64	0.66	0.64	0.65	1.84	ppb
Molybdenum	96-1	2.92	2.95	2.96	2.95	0.77	ppb
Molybdenum	97-1	0.66	0.65	0.66	0.66	1.35	ppb
Molybdenum	98-1	0.61	0.61	0.62	0.61	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	191.88	190.57	191.43	191.29	0.35	ppb
Phosphorus	31-2	889.39	915.53	923.03	909.32	1.94	ppb
Potassium	39-2	1239.10	1233.55	1232.87	1235.17	0.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	1.61	1.58	1.61	1.60	1.02	ppb
Selenium	77-2	6.01	6.17	7.66	6.61	13.73	ppb
Selenium	78-2	1.64	2.33	1.74	1.91	19.56	ppb
Silicon	28-1	1563.73	1583.75	1591.54	1579.67	0.91	ppb
Silver	107-1	2.93	3.04	3.08	3.02	2.59	ppb
Silver	109-1	2.97	3.05	3.11	3.04	2.30	ppb
Sodium	23-2	125.32	126.02	125.95	125.76	0.31	ppb
Strontium	86-1	1450.19	1434.22	1441.21	1441.87	0.56	ppb
Strontium	88-1	1495.44	1504.98	1486.13	1495.52	0.63	ppb
Sulfur	34-1	-1259.91	-1238.91	-1192.22	-1230.35		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.15	0.15	0.15	2.88	ppb
Thallium	205-1	0.15	0.14	0.14	0.15	2.05	ppb
Tin	118-1	0.77	0.78	0.79	0.78	1.87	ppb
Titanium	47-1	2490.81	2451.22	2500.07	2480.70	1.05	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5183-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZD8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:49:19	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.53	0.53	0.53	1.24	ppb
Vanadium	51-2	395.28	401.69	397.13	398.04	0.83	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	348.49	349.54	346.22	348.08	0.49	ppb
Zirconium	90-1	5.87	5.82	5.87	5.85	0.47	ppb
Zirconium	91-1	5.97	5.90	5.99	5.96	0.80	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:52:23	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50746.30	50304.83	50553.39	50534.84	0.44	ppb
Antimony	121-1	487.03	489.27	486.89	487.73	0.27	ppb
Arsenic	75-2	486.15	486.83	487.05	486.68	0.10	ppb
Barium	135-1	2477.56	2479.89	2506.84	2488.10	0.65	ppb
Barium	137-1	2488.40	2503.30	2491.88	2494.53	0.31	ppb
Beryllium	9-1	477.78	490.77	487.81	485.45	1.40	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	482.72	482.60	482.70	482.67	0.01	ppb
Cadmium	106-1	479.60	483.72	481.57	481.63	0.43	ppb
Cadmium	111-1	457.68	461.84	460.99	460.17	0.48	ppb
Calcium	43-1	248292.93	252574.06	247872.05	249579.68	1.04	ppb
Calcium	44-1	245407.73	251703.51	246687.93	247933.06	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.75	496.21	500.11	496.02	0.84	ppb
Cobalt	59-2	486.72	487.42	488.58	487.57	0.19	ppb
Copper	63-2	4726.56	4734.18	4734.42	4731.72	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				97		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	125623.97	126652.53	126402.28	126226.26	0.42	ppb
Iron	57-2	126308.25	127026.01	128008.56	127114.28	0.67	ppb
Iron	54-2	126529.17	126455.52	127775.45	126920.04	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:52:23	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2486.06	2543.61	2528.24	2519.30	1.18	ppb
Lead	207-1	2463.30	2526.08	2505.30	2498.23	1.28	ppb
Lead	208-1	2482.57	2542.33	2516.96	2513.95	1.19	ppb
Lithium	6-1				97		%
Magnesium	24-2	246734.13	247857.54	247834.60	247475.42	0.26	ppb
Manganese	55-2	4859.89	4844.40	4860.72	4855.01	0.19	ppb
Molybdenum	94-1	4903.57	4958.92	5005.74	4956.08	1.03	ppb
Molybdenum	95-1	4931.29	5027.35	5010.65	4989.76	1.03	ppb
Molybdenum	96-1	4928.31	5009.94	4996.06	4978.10	0.88	ppb
Molybdenum	97-1	4973.91	4990.64	5020.02	4994.86	0.47	ppb
Molybdenum	98-1	4973.35	4990.67	5045.27	5003.10	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	458.51	461.03	458.55	459.36	0.31	ppb
Phosphorus	31-2	9811.03	9876.65	9902.80	9863.49	0.48	ppb
Potassium	39-2	123753.77	124406.24	123555.18	123905.06	0.36	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	464.18	467.64	476.57	469.46	1.36	ppb
Selenium	77-2	477.28	455.85	467.10	466.74	2.30	ppb
Selenium	78-2	476.13	460.64	467.76	468.18	1.66	ppb
Silicon	28-1	194.59	211.46	203.48	203.18	4.15	ppb
Silver	107-1	482.39	491.31	478.94	484.21	1.32	ppb
Silver	109-1	482.52	483.44	477.97	481.31	0.61	ppb
Sodium	23-2	244659.66	244775.46	246265.20	245233.44	0.37	ppb
Strontium	86-1	12454.05	12454.81	12662.09	12523.65	0.96	ppb
Strontium	88-1	12357.98	12486.59	12558.49	12467.69	0.81	ppb
Sulfur	34-1	9545.43	9957.58	9682.32	9728.44	2.16	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	503.97	508.68	500.89	504.51	0.78	ppb
Thallium	205-1	503.17	513.47	510.05	508.90	1.03	ppb
Tin	118-1	495.58	498.03	497.20	496.94	0.25	ppb
Titanium	47-1	4792.31	4971.72	4884.81	4882.94	1.84	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:52:23	DataFile Name :	084CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	498.46	508.74	504.01	503.74	1.02	ppb
Vanadium	51-2	493.96	502.80	498.15	498.30	0.89	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	4605.80	4616.40	4636.11	4619.44	0.33	ppb
Zirconium	90-1	494.09	497.83	501.48	497.80	0.74	ppb
Zirconium	91-1	493.57	503.53	511.52	502.87	1.79	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:59:03	DataFile Name :	086CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.52	0.47	0.54	13.29	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	12.29	ppb
Arsenic	75-2	-0.01	0.00	-0.01	-0.01		ppb
Barium	135-1	0.01	0.02	0.01	0.01	41.90	ppb
Barium	137-1	0.01	0.01	0.01	0.01	15.15	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	68.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.01	-0.01	0.01	247.28	ppb
Cadmium	106-1	0.58	-0.24	0.05	0.13	320.15	ppb
Cadmium	111-1	0.04	-0.01	0.01	0.01	206.89	ppb
Calcium	43-1	12.98	12.14	10.45	11.86	10.88	ppb
Calcium	44-1	12.30	11.75	12.35	12.13	2.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	54.76	ppb
Copper	63-2	0.03	0.01	0.03	0.02	53.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	0.65	0.62	0.66	0.64	2.90	ppb
Iron	57-2	-0.52	-0.67	-0.41	-0.53		ppb
Iron	54-2	0.77	0.40	0.68	0.62	30.94	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:59:03	DataFile Name :	086CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.01	0.00	127.54	ppb
Lead	207-1	0.02	0.01	0.00	0.01	131.60	ppb
Lead	208-1	0.01	0.00	0.00	0.00	59.90	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.73	0.65	0.68	0.69	6.06	ppb
Manganese	55-2	0.02	0.02	0.02	0.02	20.21	ppb
Molybdenum	94-1	0.04	0.04	0.03	0.04	16.45	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	10.02	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	20.13	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	25.84	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	30.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.02	-0.02		ppb
Phosphorus	31-2	-19.35	-20.16	-18.28	-19.27		ppb
Potassium	39-2	-3.19	-1.73	-1.58	-2.17		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	-0.06	0.04	-0.10	-0.04		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.47	-1.34	-0.62	-0.50		ppb
Silicon	28-1	-5.92	-5.32	-4.73	-5.32		ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.69	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.91	ppb
Sodium	23-2	3.89	3.35	3.22	3.49	10.10	ppb
Strontium	86-1	-0.25	-0.37	-0.58	-0.40		ppb
Strontium	88-1	0.13	0.16	0.21	0.16	24.54	ppb
Sulfur	34-1	-488.24	-366.94	-336.66	-397.28		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.02	0.02	19.24	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	14.13	ppb
Tin	118-1	0.02	0.01	0.04	0.02	68.51	ppb
Titanium	47-1	0.04	0.03	0.01	0.03	49.41	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:59:03	DataFile Name :	086CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	2.49	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	132.99	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1.04	0.97	0.96	0.99	4.26	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	41.66	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	60.02	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:03:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	100	73	92	17.83	cps
Antimony	121-1	57	57	73	62	15.46	cps
Arsenic	75-2	17	7	17	14	42.81	cps
Barium	135-1	37	27	27	30	19.24	cps
Barium	137-1	70	67	37	58	31.77	cps
Beryllium	9-1	50	77	37	54	37.41	cps
Bismuth	209-1	9300862	9185168	9225502	9237177	0.64	cps
Bismuth	209-2	7863336	7740836	7750326	7784833	0.88	cps
Bromine	81-1	15885	15632	15595	15704	1.01	cps
Bromine	81-2	227	253	203	228	10.98	cps
Cadmium	108-1	17	10	3	10	66.70	cps
Cadmium	106-1	3617	3791	3544	3650	3.47	cps
Cadmium	111-1	2524	2670	2492	2562	3.71	cps
Calcium	43-1	227	200	247	224	10.43	cps
Calcium	44-1	10614	10567	10504	10562	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1387	1373	1250	1337	5.64	cps
Cobalt	59-2	147	93	103	114	24.77	cps
Copper	63-2	787	680	823	763	9.76	cps
Dysprosium	156-1	13	17	3	11	62.48	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	53	67	50	57	15.57	cps
Erbium	164-2	43	30	30	34	22.34	cps
Gadolinium	160-1	60	60	53	58	6.67	cps
Gadolinium	160-2	660	573	607	613	7.13	cps
Holmium	165-1	15243232	15128892	14999874	15123999	0.81	cps
Holmium	165-2	11258474	11005775	11152655	11138968	1.14	cps
Indium	115-1	12674802	12464081	12422201	12520361	1.08	cps
Indium	115-2	4990536	4957610	4970052	4972733	0.33	cps
Iron	56-2	20214	19703	19593	19837	1.67	cps
Iron	57-2	1270	1380	1257	1302	5.20	cps
Iron	54-2	2837	2794	2760	2797	1.37	cps
Krypton	83-1	250	247	233	243	3.62	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:03:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	673	677	597	649	6.97	cps
Lead	207-1	540	630	550	573	8.60	cps
Lead	208-1	2763	2867	2523	2718	6.48	cps
Lithium	6-1	1717615	1676302	1673034	1688984	1.47	cps
Magnesium	24-2	1073	1110	1087	1090	1.70	cps
Manganese	55-2	253	273	343	290	16.30	cps
Molybdenum	94-1	280	287	270	279	3.01	cps
Molybdenum	95-1	150	133	150	144	6.66	cps
Molybdenum	96-1	233	193	243	223	11.85	cps
Molybdenum	97-1	93	90	110	98	10.96	cps
Molybdenum	98-1	283	243	287	271	8.89	cps
Neodymium	150-1	3	10	10	8	49.52	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	407	363	373	381	5.95	cps
Phosphorus	31-2	197	170	200	189	8.71	cps
Potassium	39-2	65212	65212	63954	64793	1.12	cps
Rhodium	103-1	12082346	11921055	12001096	12001499	0.67	cps
Rhodium	103-2	7329283	7365917	7390428	7361876	0.42	cps
Scandium	45-1	7012199	7008037	6961188	6993808	0.41	cps
Scandium	45-2	688463	678228	671538	679410	1.25	cps
Selenium	82-1	583	530	574	562	5.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	527	560	523	537	3.78	cps
Silicon	28-1	714394	711866	710738	712333	0.26	cps
Silver	107-1	110	93	73	92	19.91	cps
Silver	109-1	33	47	67	49	34.32	cps
Sodium	23-2	22997	23037	23244	23093	0.57	cps
Strontium	86-1	380	413	470	421	10.80	cps
Strontium	88-1	110	110	137	119	12.95	cps
Sulfur	34-1	210525	209337	208674	209512	0.45	cps
Terbium	159-1	15645841	15665106	15542080	15617676	0.42	cps
Terbium	159-2	11143380	11005444	10945451	11031425	0.92	cps
Thallium	203-1	213	243	240	232	7.08	cps
Thallium	205-1	510	583	470	521	11.03	cps
Tin	118-1	1617	1473	1497	1529	5.03	cps
Titanium	47-1	93	90	113	99	12.76	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:03:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	23	20	20	16.65	cps
Vanadium	51-2	23	7	10	13	66.12	cps
Yttrium	89-1	14969132	14981081	14699383	14883199	1.07	cps
Yttrium	89-2	4422488	4356139	4380510	4386379	0.77	cps
Zinc	66-2	277	283	263	274	3.71	cps
Zirconium	90-1	667	700	643	670	4.25	cps
Zirconium	91-1	153	110	117	127	18.42	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:10:15	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7722	8015	7855	7864	1.87	cps
Antimony	121-1	29480	29347	29968	29598	1.10	cps
Arsenic	75-2	972	912	1016	967	5.40	cps
Barium	135-1	37924	37790	37870	37861	0.18	cps
Barium	137-1	65463	64901	64351	64905	0.86	cps
Beryllium	9-1	1860	1887	1950	1899	2.43	cps
Bismuth	209-1	9567755	9445651	9368355	9460587	1.06	cps
Bismuth	209-2	7937468	8034535	7901463	7957822	0.86	cps
Bromine	81-1	16649	16266	16496	16470	1.17	cps
Bromine	81-2	230	193	217	213	8.70	cps
Cadmium	108-1	323	387	277	329	16.79	cps
Cadmium	106-1	4601	4361	4171	4377	4.92	cps
Cadmium	111-1	7035	6516	6610	6720	4.12	cps
Calcium	43-1	21141	21275	21121	21179	0.39	cps
Calcium	44-1	353897	352810	351896	352867	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14684	15101	14777	14854	1.47	cps
Cobalt	59-2	11151	11064	11388	11201	1.50	cps
Copper	63-2	15388	15488	15234	15370	0.83	cps
Dysprosium	156-1	0	17	23	13	90.13	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	60	70	63	64	7.90	cps
Erbium	164-2	50	40	60	50	20.00	cps
Gadolinium	160-1	27	77	47	50	50.33	cps
Gadolinium	160-2	660	667	620	649	3.89	cps
Holmium	165-1	15634710	15452391	15386758	15491286	0.83	cps
Holmium	165-2	11373081	11271056	11160071	11268069	0.95	cps
Indium	115-1	13074898	12838672	12842812	12918794	1.05	cps
Indium	115-2	5105085	5064491	5019961	5063179	0.84	cps
Iron	56-2	348220	347770	346839	347610	0.20	cps
Iron	57-2	9970	10013	9490	9824	2.96	cps
Iron	54-2	21165	20891	21228	21095	0.85	cps
Krypton	83-1	237	247	207	230	9.05	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:10:15	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11605	11201	11382	11396	1.77	cps
Lead	207-1	10121	10114	10237	10157	0.68	cps
Lead	208-1	46532	45353	46168	46017	1.31	cps
Lithium	6-1	1800809	1725822	1748643	1758424	2.19	cps
Magnesium	24-2	317860	316408	313906	316058	0.63	cps
Manganese	55-2	5911	5845	5728	5828	1.59	cps
Molybdenum	94-1	31307	31835	31353	31498	0.93	cps
Molybdenum	95-1	38216	39387	38096	38566	1.85	cps
Molybdenum	96-1	43194	43378	42468	43013	1.12	cps
Molybdenum	97-1	24097	25109	24190	24465	2.29	cps
Molybdenum	98-1	61248	62233	61184	61555	0.96	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	2964	3064	3014	3014	1.66	cps
Phosphorus	31-2	740	930	747	806	13.39	cps
Potassium	39-2	481438	479025	477825	479429	0.38	cps
Rhodium	103-1	12288974	12312537	12142333	12247948	0.75	cps
Rhodium	103-2	7590563	7607196	7508242	7568667	0.70	cps
Scandium	45-1	7130239	7059805	7026788	7072277	0.75	cps
Scandium	45-2	693646	690532	687920	690699	0.41	cps
Selenium	82-1	1872	1848	1847	1856	0.78	cps
Selenium	77-2	153	123	170	149	15.88	cps
Selenium	78-2	993	1030	973	999	2.88	cps
Silicon	28-1	741834	748000	744415	744749	0.42	cps
Silver	107-1	18882	19623	19093	19199	1.99	cps
Silver	109-1	18222	18592	18135	18316	1.33	cps
Sodium	23-2	504563	506032	504432	505009	0.18	cps
Strontium	86-1	5318	5421	5381	5373	0.97	cps
Strontium	88-1	44059	42618	42354	43011	2.13	cps
Sulfur	34-1	219470	217323	221295	219363	0.91	cps
Terbium	159-1	16132522	15854735	15740853	15909370	1.27	cps
Terbium	159-2	11328690	11353288	11199034	11293671	0.73	cps
Thallium	203-1	13904	13747	14007	13886	0.94	cps
Thallium	205-1	32753	32779	31974	32502	1.41	cps
Tin	118-1	65853	65347	65394	65531	0.43	cps
Titanium	47-1	9670	9683	9830	9728	0.91	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:10:15	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40187	40548	40348	40361	0.45	cps
Vanadium	51-2	30100	29703	29779	29861	0.71	cps
Yttrium	89-1	15363380	14961878	15157958	15161072	1.32	cps
Yttrium	89-2	4455059	4476480	4443648	4458396	0.37	cps
Zinc	66-2	6688	7002	6438	6709	4.21	cps
Zirconium	90-1	26417	26370	26414	26400	0.10	cps
Zirconium	91-1	5608	6115	5918	5880	4.35	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:13:31	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	371910	372065	371019	371664	0.15	cps
Antimony	121-1	731513	735943	730539	732665	0.39	cps
Arsenic	75-2	42424	42923	43329	42892	1.06	cps
Barium	135-1	921793	926474	917303	921857	0.50	cps
Barium	137-1	1665683	1648649	1648252	1654195	0.60	cps
Beryllium	9-1	90123	91695	90729	90849	0.87	cps
Bismuth	209-1	9617662	9430146	9329790	9459200	1.54	cps
Bismuth	209-2	8467820	7899798	7978072	8115230	3.79	cps
Bromine	81-1	16319	15809	15478	15869	2.67	cps
Bromine	81-2	177	200	163	180	10.31	cps
Cadmium	108-1	14524	14597	14557	14560	0.25	cps
Cadmium	106-1	24264	25145	24527	24645	1.84	cps
Cadmium	111-1	201019	200564	198417	200000	0.69	cps
Calcium	43-1	206455	208492	206168	207038	0.61	cps
Calcium	44-1	3248053	3215161	3231141	3231451	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	322076	320111	316010	319399	0.97	cps
Cobalt	59-2	499893	495445	494391	496576	0.59	cps
Copper	63-2	3701711	3709604	3695839	3702385	0.19	cps
Dysprosium	156-1	20	23	13	19	26.96	cps
Dysprosium	156-2	73	33	37	48	46.45	cps
Erbium	164-1	50	93	47	63	41.10	cps
Erbium	164-2	60	40	47	49	20.83	cps
Gadolinium	160-1	47	33	53	44	22.92	cps
Gadolinium	160-2	727	623	677	676	7.65	cps
Holmium	165-1	15758467	15427991	15345352	15510603	1.41	cps
Holmium	165-2	12202760	11556467	11368201	11709142	3.74	cps
Indium	115-1	13068845	12716745	12536331	12773974	2.12	cps
Indium	115-2	5354198	4917006	4862493	5044565	5.34	cps
Iron	56-2	15300388	15015129	15002770	15106096	1.11	cps
Iron	57-2	389650	388380	385271	387767	0.58	cps
Iron	54-2	854327	852299	851345	852657	0.18	cps
Krypton	83-1	290	280	273	281	2.98	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:13:31	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2884437	2886261	2864070	2878256	0.43	cps
Lead	207-1	2590003	2569799	2572413	2577405	0.43	cps
Lead	208-1	11639807	11655977	11497447	11597744	0.75	cps
Lithium	6-1	1786581	1797466	1783763	1789270	0.40	cps
Magnesium	24-2	2880675	2885216	2885646	2883846	0.10	cps
Manganese	55-2	2636368	2596143	2645731	2626081	1.00	cps
Molybdenum	94-1	2637028	2648194	2652911	2646044	0.31	cps
Molybdenum	95-1	3807954	3822787	3772257	3800999	0.68	cps
Molybdenum	96-1	4169222	4170453	4152384	4164020	0.24	cps
Molybdenum	97-1	2388727	2394658	2374455	2385947	0.44	cps
Molybdenum	98-1	6108978	6098296	6048041	6085105	0.53	cps
Neodymium	150-1	40	97	47	61	50.68	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	125930	125882	126249	126020	0.16	cps
Phosphorus	31-2	18451	18975	18395	18607	1.72	cps
Potassium	39-2	2006221	2027155	1959225	1997533	1.74	cps
Rhodium	103-1	12380822	12043028	11949759	12124536	1.87	cps
Rhodium	103-2	7907286	7329915	7285263	7507488	4.62	cps
Scandium	45-1	7213944	6935655	6978607	7042736	2.13	cps
Scandium	45-2	710485	664985	667264	680911	3.77	cps
Selenium	82-1	13749	13899	13890	13846	0.61	cps
Selenium	77-2	1387	1383	1370	1380	0.64	cps
Selenium	78-2	5484	5418	5224	5375	2.51	cps
Silicon	28-1	1883838	1873959	1862414	1873404	0.57	cps
Silver	107-1	979033	989948	977077	982019	0.71	cps
Silver	109-1	930305	939159	931426	933630	0.52	cps
Sodium	23-2	4814989	4771570	4776943	4787834	0.49	cps
Strontium	86-1	234555	233282	233912	233917	0.27	cps
Strontium	88-1	2080268	2099777	2061134	2080393	0.93	cps
Sulfur	34-1	273496	272624	270772	272297	0.51	cps
Terbium	159-1	16299374	15857233	15901152	16019253	1.52	cps
Terbium	159-2	12067114	11056386	11195035	11439512	4.79	cps
Thallium	203-1	666644	678292	670002	671646	0.89	cps
Thallium	205-1	1569310	1581097	1573986	1574797	0.38	cps
Tin	118-1	609776	616118	610853	612249	0.55	cps
Titanium	47-1	922511	923258	920403	922057	0.16	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:13:31	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2173349	2201007	2175095	2183150	0.71	cps
Vanadium	51-2	277465	277002	276549	277005	0.17	cps
Yttrium	89-1	15253732	14957574	14910657	15040654	1.24	cps
Yttrium	89-2	4655297	4386330	4354851	4465493	3.70	cps
Zinc	66-2	621059	617551	609307	615972	0.98	cps
Zirconium	90-1	1250482	1249590	1241765	1247279	0.38	cps
Zirconium	91-1	278687	279719	276670	278359	0.56	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:16:32	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	846091	836981	840956	841342	0.54	cps
Antimony	121-1	1768944	1790266	1728337	1762516	1.79	cps
Arsenic	75-2	98177	97837	96865	97626	0.70	cps
Barium	135-1	2251834	2260416	2232847	2248366	0.63	cps
Barium	137-1	3907592	3882037	3853791	3881140	0.69	cps
Beryllium	9-1	215803	216793	217145	216580	0.32	cps
Bismuth	209-1	9452061	9389937	9331039	9391013	0.64	cps
Bismuth	209-2	7757111	7832533	7743500	7777715	0.62	cps
Bromine	81-1	15375	15048	14184	14869	4.14	cps
Bromine	81-2	173	153	220	182	18.77	cps
Cadmium	108-1	34464	34357	33976	34266	0.75	cps
Cadmium	106-1	51093	51772	50728	51198	1.03	cps
Cadmium	111-1	456917	458259	450796	455324	0.87	cps
Calcium	43-1	480927	473076	471814	475272	1.04	cps
Calcium	44-1	7607422	7396927	7357173	7453840	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	720551	718206	715757	718171	0.33	cps
Cobalt	59-2	1122983	1115832	1114769	1117861	0.40	cps
Copper	63-2	8346218	8323044	8228223	8299161	0.75	cps
Dysprosium	156-1	50	57	53	53	6.25	cps
Dysprosium	156-2	133	97	117	116	15.89	cps
Erbium	164-1	73	77	80	77	4.35	cps
Erbium	164-2	57	33	53	48	26.42	cps
Gadolinium	160-1	60	93	77	77	21.74	cps
Gadolinium	160-2	677	617	643	646	4.66	cps
Holmium	165-1	15538861	15316682	15383746	15413096	0.74	cps
Holmium	165-2	11198902	11178734	11145907	11174514	0.24	cps
Indium	115-1	12302045	12347656	12100218	12249973	1.07	cps
Indium	115-2	4714785	4716103	4743651	4724846	0.34	cps
Iron	56-2	34180527	34248920	34328855	34252768	0.22	cps
Iron	57-2	878576	876031	874225	876277	0.25	cps
Iron	54-2	1913978	1929379	1909826	1917728	0.54	cps
Krypton	83-1	193	187	237	206	13.21	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:16:32	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6861389	6756004	6732901	6783431	1.01	cps
Lead	207-1	6062300	6082280	6022422	6055667	0.50	cps
Lead	208-1	27556475	27388684	27318277	27421145	0.45	cps
Lithium	6-1	1801805	1812037	1769503	1794449	1.24	cps
Magnesium	24-2	6574076	6610474	6555026	6579859	0.43	cps
Manganese	55-2	5932953	5906441	5889169	5909521	0.37	cps
Molybdenum	94-1	6166652	6035456	6020601	6074237	1.32	cps
Molybdenum	95-1	8870858	8784335	8656723	8770639	1.23	cps
Molybdenum	96-1	9714903	9620386	9478636	9604642	1.24	cps
Molybdenum	97-1	5569002	5447225	5374027	5463418	1.80	cps
Molybdenum	98-1	14250874	14215213	13900764	14122284	1.36	cps
Neodymium	150-1	130	123	110	121	8.41	cps
Neodymium	150-2	20	40	57	39	47.21	cps
Nickel	60-2	284192	282421	284624	283746	0.41	cps
Phosphorus	31-2	42222	41503	41419	41714	1.06	cps
Potassium	39-2	4423291	4351419	4352540	4375750	0.94	cps
Rhodium	103-1	11692356	11559400	11504432	11585396	0.83	cps
Rhodium	103-2	7033755	7019228	7030123	7027702	0.11	cps
Scandium	45-1	6963248	6812682	6683305	6819745	2.05	cps
Scandium	45-2	627962	625003	630431	627799	0.43	cps
Selenium	82-1	31187	31218	30635	31013	1.06	cps
Selenium	77-2	3414	3314	3224	3317	2.87	cps
Selenium	78-2	11358	11291	11384	11344	0.42	cps
Silicon	28-1	3066707	3030324	2931547	3009526	2.32	cps
Silver	107-1	2365131	2318575	2320849	2334851	1.12	cps
Silver	109-1	2221670	2205396	2183134	2203400	0.88	cps
Sodium	23-2	10939794	10989488	10747181	10892154	1.18	cps
Strontium	86-1	539412	535108	534731	536417	0.48	cps
Strontium	88-1	4856161	4837876	4761970	4818669	1.04	cps
Sulfur	34-1	338218	334584	334134	335645	0.67	cps
Terbium	159-1	15886919	15759892	15661182	15769331	0.72	cps
Terbium	159-2	11136376	11002965	11123889	11087743	0.66	cps
Thallium	203-1	1596023	1585479	1570238	1583913	0.82	cps
Thallium	205-1	4025770	3991739	3920157	3979222	1.35	cps
Tin	118-1	1427729	1408631	1388659	1408340	1.39	cps
Titanium	47-1	2163284	2141196	2125072	2143184	0.90	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:16:32	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5225132	5153175	5195115	5191141	0.70	cps
Vanadium	51-2	629797	629755	627381	628978	0.22	cps
Yttrium	89-1	14717201	14406566	14238281	14454016	1.68	cps
Yttrium	89-2	4192662	4153684	4106718	4151022	1.04	cps
Zinc	66-2	1398127	1398291	1396497	1397639	0.07	cps
Zirconium	90-1	2979547	2986120	2917433	2961033	1.28	cps
Zirconium	91-1	654000	645119	644285	647801	0.83	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:19:24	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1534007	1527444	1496735	1519395	1.31	cps
Antimony	121-1	3208694	3223540	3189294	3207176	0.54	cps
Arsenic	75-2	171343	171407	173015	171922	0.55	cps
Barium	135-1	4077710	4034301	4068885	4060299	0.57	cps
Barium	137-1	7004558	7065637	7001131	7023776	0.52	cps
Beryllium	9-1	397233	399162	398070	398155	0.24	cps
Bismuth	209-1	9205168	9289415	9239591	9244725	0.46	cps
Bismuth	209-2	7774073	7823897	7646370	7748113	1.18	cps
Bromine	81-1	14594	14474	14250	14439	1.21	cps
Bromine	81-2	177	163	133	158	14.07	cps
Cadmium	108-1	60264	60592	59719	60192	0.73	cps
Cadmium	106-1	89047	89815	87210	88691	1.51	cps
Cadmium	111-1	818270	819804	809051	815709	0.71	cps
Calcium	43-1	857960	850551	842575	850362	0.90	cps
Calcium	44-1	13388062	13289373	13038867	13238767	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1260198	1257279	1244860	1254112	0.65	cps
Cobalt	59-2	2019332	2016074	2034404	2023270	0.48	cps
Copper	63-2	14615373	14537156	14571865	14574798	0.27	cps
Dysprosium	156-1	93	80	67	80	16.66	cps
Dysprosium	156-2	220	210	223	218	3.19	cps
Erbium	164-1	100	57	110	89	31.89	cps
Erbium	164-2	73	80	47	67	26.45	cps
Gadolinium	160-1	90	90	70	83	13.86	cps
Gadolinium	160-2	667	640	587	631	6.45	cps
Holmium	165-1	15394821	15207775	15057787	15220128	1.11	cps
Holmium	165-2	11174559	11011246	10903883	11029896	1.24	cps
Indium	115-1	11976555	12066647	11856994	11966732	0.88	cps
Indium	115-2	4563307	4597488	4540254	4567016	0.63	cps
Iron	56-2	60793512	60934372	60454784	60727556	0.41	cps
Iron	57-2	1527072	1559872	1509113	1532019	1.68	cps
Iron	54-2	3396105	3355486	3358026	3369872	0.68	cps
Krypton	83-1	253	183	220	219	16.00	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:19:24	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12503383	12657627	12292215	12484408	1.47	cps
Lead	207-1	11113839	11122422	10995802	11077354	0.64	cps
Lead	208-1	49794918	50640085	49639616	50024873	1.08	cps
Lithium	6-1	1853800	1825901	1802877	1827526	1.40	cps
Magnesium	24-2	11659166	11636732	11514917	11603605	0.67	cps
Manganese	55-2	10519128	10485714	10435089	10479977	0.40	cps
Molybdenum	94-1	10976600	10804480	10686245	10822442	1.35	cps
Molybdenum	95-1	15940603	15605050	15514971	15686874	1.43	cps
Molybdenum	96-1	17494617	17140693	16880447	17171919	1.80	cps
Molybdenum	97-1	9864334	9788937	9664469	9772580	1.03	cps
Molybdenum	98-1	25227980	25285516	24945053	25152850	0.72	cps
Neodymium	150-1	230	237	247	238	3.53	cps
Neodymium	150-2	57	73	40	57	29.41	cps
Nickel	60-2	496974	493817	491481	494091	0.56	cps
Phosphorus	31-2	70967	72229	71895	71697	0.91	cps
Potassium	39-2	7609325	7598851	7604938	7604372	0.07	cps
Rhodium	103-1	11281224	11016629	11137145	11144999	1.19	cps
Rhodium	103-2	6830093	6865358	6614114	6769855	2.01	cps
Scandium	45-1	6580876	6597987	6479107	6552657	0.98	cps
Scandium	45-2	601702	600887	592182	598257	0.88	cps
Selenium	82-1	55658	55525	55268	55484	0.36	cps
Selenium	77-2	6085	5815	5611	5837	4.07	cps
Selenium	78-2	19930	19610	19740	19760	0.82	cps
Silicon	28-1	4640523	4654521	4654828	4649957	0.18	cps
Silver	107-1	4187947	4164013	4053389	4135117	1.74	cps
Silver	109-1	3973440	3983327	3908649	3955139	1.03	cps
Sodium	23-2	19175598	19257013	18953705	19128772	0.82	cps
Strontium	86-1	963800	959161	951703	958221	0.64	cps
Strontium	88-1	8582979	8633941	8499708	8572209	0.79	cps
Sulfur	34-1	429250	428571	421467	426429	1.01	cps
Terbium	159-1	15885286	15464437	15631965	15660562	1.35	cps
Terbium	159-2	11013687	11034510	10873179	10973792	0.80	cps
Thallium	203-1	3145689	3095901	3104272	3115287	0.86	cps
Thallium	205-1	7406188	7380917	7254202	7347102	1.11	cps
Tin	118-1	2657853	2681298	2653507	2664219	0.56	cps
Titanium	47-1	3852109	3852619	3762256	3822328	1.36	cps

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:19:24	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9625477	9605946	9537772	9589732	0.48	cps
Vanadium	51-2	1106366	1102317	1102217	1103634	0.21	cps
Yttrium	89-1	14210127	13950991	13887168	14016095	1.22	cps
Yttrium	89-2	4065784	4016894	4002712	4028463	0.82	cps
Zinc	66-2	2541736	2483191	2482400	2502442	1.36	cps
Zirconium	90-1	5221725	5260552	5219491	5233923	0.44	cps
Zirconium	91-1	1159932	1156133	1147857	1154641	0.53	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:22:11	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3154650	3135068	3124500	3138073	0.49	cps
Antimony	121-1	6715019	6674579	6688533	6692710	0.31	cps
Arsenic	75-2	355745	354716	354500	354987	0.19	cps
Barium	135-1	8517085	8404269	8460428	8460594	0.67	cps
Barium	137-1	14759162	14608685	14642919	14670255	0.54	cps
Beryllium	9-1	816079	825907	825878	822621	0.69	cps
Bismuth	209-1	9029931	8942271	9053158	9008453	0.65	cps
Bismuth	209-2	7510676	7423973	7518044	7484231	0.70	cps
Bromine	81-1	13053	13249	13660	13321	2.33	cps
Bromine	81-2	153	157	143	151	4.59	cps
Cadmium	108-1	126106	123712	123960	124593	1.06	cps
Cadmium	106-1	178215	176518	176809	177181	0.51	cps
Cadmium	111-1	1709400	1733729	1716907	1720012	0.72	cps
Calcium	43-1	1720347	1697672	1694070	1704030	0.84	cps
Calcium	44-1	27229590	27341474	27342447	27304504	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2642140	2663997	2659910	2655349	0.44	cps
Cobalt	59-2	4168815	4142633	4094878	4135442	0.91	cps
Copper	63-2	29874946	29625801	29818948	29773232	0.44	cps
Dysprosium	156-1	137	147	140	141	3.61	cps
Dysprosium	156-2	397	467	400	421	9.38	cps
Erbium	164-1	140	150	127	139	8.43	cps
Erbium	164-2	107	100	103	103	3.23	cps
Gadolinium	160-1	87	130	137	118	23.05	cps
Gadolinium	160-2	617	600	603	607	1.45	cps
Holmium	165-1	15079996	14952560	14909935	14980830	0.59	cps
Holmium	165-2	10963817	10846027	10832225	10880690	0.66	cps
Indium	115-1	11462491	11486154	11388693	11445779	0.44	cps
Indium	115-2	4439330	4432827	4410930	4427696	0.34	cps
Iron	56-2	125661591	125313735	124609621	125194983	0.43	cps
Iron	57-2	3148484	3126219	3109750	3128151	0.62	cps
Iron	54-2	6979542	6895566	6931103	6935404	0.61	cps
Krypton	83-1	213	207	203	208	2.45	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:22:11	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26369020	26763530	26543610	26558720	0.74	cps
Lead	207-1	23501313	23597899	23561191	23553468	0.21	cps
Lead	208-1	106435358	106718759	106893489	106682536	0.22	cps
Lithium	6-1	1792527	1764381	1815787	1790899	1.44	cps
Magnesium	24-2	23978015	23954252	23816770	23916345	0.36	cps
Manganese	55-2	21724631	21521449	21661300	21635793	0.48	cps
Molybdenum	94-1	22599076	22584973	22383469	22522506	0.54	cps
Molybdenum	95-1	32635815	32752875	32278348	32555680	0.76	cps
Molybdenum	96-1	35903237	35763095	35572799	35746377	0.46	cps
Molybdenum	97-1	20383179	20617115	20340212	20446835	0.73	cps
Molybdenum	98-1	52926048	53019458	52805413	52916973	0.20	cps
Neodymium	150-1	400	443	463	436	7.43	cps
Neodymium	150-2	103	103	83	97	11.95	cps
Nickel	60-2	1009211	1007235	1001437	1005961	0.40	cps
Phosphorus	31-2	147728	146725	145776	146743	0.67	cps
Potassium	39-2	15779059	15677737	15534237	15663678	0.79	cps
Rhodium	103-1	10629164	10600373	10471610	10567049	0.79	cps
Rhodium	103-2	6517160	6529442	6437068	6494557	0.77	cps
Scandium	45-1	6280500	6254574	6188652	6241242	0.76	cps
Scandium	45-2	580946	572804	575843	576531	0.71	cps
Selenium	82-1	111650	111828	111681	111720	0.09	cps
Selenium	77-2	11825	11661	11841	11776	0.85	cps
Selenium	78-2	39379	39633	38547	39186	1.45	cps
Silicon	28-1	8645122	8656961	8515588	8605890	0.91	cps
Silver	107-1	8426545	8492580	8502787	8473971	0.49	cps
Silver	109-1	8101114	8098121	8042976	8080737	0.41	cps
Sodium	23-2	39933134	39736941	39602646	39757574	0.42	cps
Strontium	86-1	2055915	2050123	2005470	2037169	1.36	cps
Strontium	88-1	18010059	17923584	17721529	17885058	0.83	cps
Sulfur	34-1	652036	652306	647335	650559	0.43	cps
Terbium	159-1	15109439	15263654	15116199	15163097	0.57	cps
Terbium	159-2	10910845	10719827	10791649	10807440	0.89	cps
Thallium	203-1	6723913	6568553	6678811	6657092	1.20	cps
Thallium	205-1	15710634	15663108	15607871	15660538	0.33	cps
Tin	118-1	5433792	5508184	5402148	5448041	1.00	cps
Titanium	47-1	7998176	7955941	7785358	7913158	1.42	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:22:11	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21000628	20873388	20897360	20923792	0.32	cps
Vanadium	51-2	2321932	2316159	2328086	2322059	0.26	cps
Yttrium	89-1	13608371	13402852	13394212	13468479	0.90	cps
Yttrium	89-2	3938824	3894010	3932434	3921756	0.62	cps
Zinc	66-2	5153665	5127824	5122818	5134769	0.32	cps
Zirconium	90-1	10952001	10936926	10875454	10921460	0.37	cps
Zirconium	91-1	2464231	2446344	2433230	2447935	0.64	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:24:55	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6143856	6156888	6153879	6151541	0.11	cps
Antimony	121-1	12962013	12944836	12953670	12953506	0.07	cps
Arsenic	75-2	693859	689498	690636	691331	0.33	cps
Barium	135-1	16503420	16445289	16579330	16509346	0.41	cps
Barium	137-1	28624859	28612496	28870851	28702735	0.51	cps
Beryllium	9-1	1585651	1599110	1581960	1588907	0.57	cps
Bismuth	209-1	8760520	8885080	8724661	8790087	0.96	cps
Bismuth	209-2	7351319	7379685	7362620	7364541	0.19	cps
Bromine	81-1	12872	13086	12959	12972	0.83	cps
Bromine	81-2	183	190	113	162	26.18	cps
Cadmium	108-1	233652	235854	234238	234581	0.49	cps
Cadmium	106-1	335106	335267	337802	336059	0.45	cps
Cadmium	111-1	3269275	3289476	3313279	3290677	0.67	cps
Calcium	43-1	3239191	3240434	3278013	3252546	0.68	cps
Calcium	44-1	52674944	53273373	52642191	52863503	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5147209	5140216	5191724	5159716	0.54	cps
Cobalt	59-2	8169499	7995263	8020885	8061882	1.17	cps
Copper	63-2	57850469	57897002	57569296	57772256	0.31	cps
Dysprosium	156-1	267	260	273	267	2.50	cps
Dysprosium	156-2	727	870	747	781	9.94	cps
Erbium	164-1	230	230	180	213	13.53	cps
Erbium	164-2	137	97	137	123	18.72	cps
Gadolinium	160-1	160	143	180	161	11.39	cps
Gadolinium	160-2	730	670	677	692	4.75	cps
Holmium	165-1	14746031	14676661	14734307	14719000	0.25	cps
Holmium	165-2	10866291	10743030	10911051	10840124	0.80	cps
Indium	115-1	10939371	11077733	10875404	10964170	0.94	cps
Indium	115-2	4323707	4308141	4255692	4295847	0.83	cps
Iron	56-2	247663463	246365803	244487623	246172296	0.65	cps
Iron	57-2	6244296	6086478	6160588	6163787	1.28	cps
Iron	54-2	13573890	13550219	13499514	13541208	0.28	cps
Krypton	83-1	200	187	223	203	9.13	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:24:55	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	51756104	51875489	51580289	51737294	0.29	cps
Lead	207-1	46405221	46364609	45586438	46118756	1.00	cps
Lead	208-1	208875484	209286207	206239675	208133789	0.79	cps
Lithium	6-1	1717883	1700944	1693273	1704033	0.74	cps
Magnesium	24-2	47237194	47036858	46558119	46944057	0.74	cps
Manganese	55-2	42875096	42672216	42494177	42680496	0.45	cps
Molybdenum	94-1	44547771	44638399	44268416	44484862	0.43	cps
Molybdenum	95-1	63398432	63800281	63371392	63523369	0.38	cps
Molybdenum	96-1	69875467	70059664	69284697	69739943	0.58	cps
Molybdenum	97-1	39699889	40119559	39596375	39805274	0.70	cps
Molybdenum	98-1	102001188	102909245	101362515	102090983	0.76	cps
Neodymium	150-1	760	963	753	826	14.46	cps
Neodymium	150-2	200	223	187	203	9.13	cps
Nickel	60-2	2049829	2023565	2045753	2039716	0.69	cps
Phosphorus	31-2	285769	287534	286316	286539	0.32	cps
Potassium	39-2	31012220	30898964	31074994	30995393	0.29	cps
Rhodium	103-1	10150730	10182592	10124711	10152677	0.29	cps
Rhodium	103-2	6410697	6299444	6295233	6335125	1.03	cps
Scandium	45-1	6041211	6046859	6095614	6061228	0.49	cps
Scandium	45-2	582178	574967	578514	578553	0.62	cps
Selenium	82-1	210504	211678	213492	211891	0.71	cps
Selenium	77-2	22013	22390	22030	22144	0.96	cps
Selenium	78-2	74918	74406	73909	74411	0.68	cps
Silicon	28-1	15187854	15302936	15157804	15216198	0.50	cps
Silver	107-1	16219914	16255253	16284070	16253079	0.20	cps
Silver	109-1	15456506	15571654	15354606	15460922	0.70	cps
Sodium	23-2	78419149	78579969	78081659	78360259	0.32	cps
Strontium	86-1	4032425	4011775	4013922	4019374	0.28	cps
Strontium	88-1	34865159	35214820	34897770	34992583	0.55	cps
Sulfur	34-1	1067823	1067276	1071797	1068965	0.23	cps
Terbium	159-1	15156306	15090304	14938700	15061770	0.74	cps
Terbium	159-2	10986461	10748049	10700092	10811534	1.42	cps
Thallium	203-1	12811018	12911676	12942723	12888472	0.53	cps
Thallium	205-1	30174277	30763238	30456605	30464706	0.97	cps
Tin	118-1	10694937	10663438	10621951	10660109	0.34	cps
Titanium	47-1	15315197	15370537	15344779	15343504	0.18	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:24:55	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41107988	41327350	41542584	41325974	0.53	cps
Vanadium	51-2	4602047	4611526	4634105	4615893	0.36	cps
Yttrium	89-1	13285641	13295291	13288331	13289754	0.04	cps
Yttrium	89-2	3897140	3830253	3875931	3867774	0.88	cps
Zinc	66-2	9829437	9845763	9742900	9806033	0.56	cps
Zirconium	90-1	21576925	21593816	21452486	21541076	0.36	cps
Zirconium	91-1	4743709	4785879	4771126	4766905	0.45	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:27:41	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32576445	33244630	32876015	32899030	1.02	cps
Antimony	121-1	7472	7045	6502	7006	6.94	cps
Arsenic	75-2	545	478	439	487	10.96	cps
Barium	135-1	8302	7669	7119	7697	7.70	cps
Barium	137-1	14181	13410	13286	13626	3.56	cps
Beryllium	9-1	553	523	513	530	3.93	cps
Bismuth	209-1	7932514	7818402	7637379	7796099	1.91	cps
Bismuth	209-2	6545998	6656427	6552741	6585055	0.94	cps
Bromine	81-1	13483	14244	13703	13810	2.83	cps
Bromine	81-2	147	197	170	171	14.62	cps
Cadmium	108-1	100	123	153	126	21.30	cps
Cadmium	106-1	3667	3437	3220	3442	6.49	cps
Cadmium	111-1	3207	3160	2847	3071	6.37	cps
Calcium	43-1	15859621	16012261	16007061	15959648	0.54	cps
Calcium	44-1	259286209	261343403	262328296	260985969	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8369	11573	8412	9451	19.44	cps
Cobalt	59-2	22283	22213	22834	22444	1.52	cps
Copper	63-2	12382	11775	11495	11884	3.82	cps
Dysprosium	156-1	440	470	543	484	10.97	cps
Dysprosium	156-2	413	417	367	399	7.01	cps
Erbium	164-1	553	533	547	544	1.87	cps
Erbium	164-2	420	427	367	404	8.13	cps
Gadolinium	160-1	450	477	437	454	4.48	cps
Gadolinium	160-2	923	913	957	931	2.44	cps
Holmium	165-1	14286155	14264233	14077873	14209420	0.81	cps
Holmium	165-2	10416633	10659439	10611990	10562687	1.22	cps
Indium	115-1	10828815	10701867	10556682	10695788	1.27	cps
Indium	115-2	4295410	4312533	4266266	4291403	0.55	cps
Iron	56-2	1243861608	1252840435	1255056381	1250586141	0.47	cps
Iron	57-2	31247775	31368808	31279321	31298635	0.20	cps
Iron	54-2	67437219	67993911	68270762	67900631	0.63	cps
Krypton	83-1	217	213	273	234	14.38	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:27:41	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15596	14838	14001	14812	5.39	cps
Lead	207-1	13760	12613	12065	12813	6.75	cps
Lead	208-1	62172	58259	54817	58416	6.30	cps
Lithium	6-1	1562369	1570480	1554880	1562576	0.50	cps
Magnesium	24-2	250709796	254310970	252689810	252570192	0.71	cps
Manganese	55-2	21833	22215	20734	21594	3.56	cps
Molybdenum	94-1	14147	13099	12686	13311	5.66	cps
Molybdenum	95-1	14200	13727	12115	13347	8.19	cps
Molybdenum	96-1	25966	25402	23923	25097	4.20	cps
Molybdenum	97-1	9156	8453	7345	8318	10.98	cps
Molybdenum	98-1	22674	20975	18438	20696	10.30	cps
Neodymium	150-1	310	290	327	309	5.94	cps
Neodymium	150-2	147	147	190	161	15.53	cps
Nickel	60-2	8609	8412	8422	8481	1.31	cps
Phosphorus	31-2	317	280	297	298	6.17	cps
Potassium	39-2	163340174	165576314	164996694	164637728	0.70	cps
Rhodium	103-1	9499863	9480160	9332484	9437502	0.97	cps
Rhodium	103-2	5992389	6015461	6000636	6002829	0.19	cps
Scandium	45-1	6025347	6013393	5978414	6005718	0.41	cps
Scandium	45-2	601854	609147	606902	605968	0.62	cps
Selenium	82-1	726	721	546	664	15.37	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	470	440	527	479	9.19	cps
Silicon	28-1	698463	699040	695977	697827	0.23	cps
Silver	107-1	4194	3517	3294	3668	12.78	cps
Silver	109-1	3721	3294	2970	3328	11.31	cps
Sodium	23-2	407471674	413211047	413461727	411381483	0.82	cps
Strontium	86-1	11998	12332	12289	12206	1.49	cps
Strontium	88-1	103269	104152	101829	103083	1.14	cps
Sulfur	34-1	165953	170870	174389	170404	2.49	cps
Terbium	159-1	14865845	14530788	14410315	14602316	1.62	cps
Terbium	159-2	10329491	10395943	10325510	10350314	0.38	cps
Thallium	203-1	2447	1987	2074	2169	11.27	cps
Thallium	205-1	5831	5164	4464	5153	13.27	cps
Tin	118-1	4894	4824	4697	4805	2.08	cps
Titanium	47-1	3177	3194	2780	3050	7.67	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:27:41	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6138	6145	4938	5740	12.11	cps
Vanadium	51-2	1137	1183	997	1106	8.79	cps
Yttrium	89-1	13113736	12930045	12865848	12969876	0.99	cps
Yttrium	89-2	3961190	3965771	3944562	3957175	0.28	cps
Zinc	66-2	10103	10450	10217	10257	1.72	cps
Zirconium	90-1	14040	14721	13977	14246	2.90	cps
Zirconium	91-1	3260	3194	3074	3176	2.98	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:41:43	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175659	174627	175183	175157	0.29	cps
Antimony	121-1	3004092	2979609	2951539	2978413	0.88	cps
Arsenic	75-2	169769	168285	168423	168826	0.49	cps
Barium	135-1	360528	362901	361614	361681	0.33	cps
Barium	137-1	627218	623591	624612	625140	0.30	cps
Beryllium	9-1	188944	188073	187235	188084	0.45	cps
Bismuth	209-1	9503862	9418803	9524799	9482488	0.59	cps
Bismuth	209-2	8137263	8025253	8086565	8083027	0.69	cps
Bromine	81-1	14304	15198	14691	14731	3.04	cps
Bromine	81-2	197	163	150	170	14.14	cps
Cadmium	108-1	25479	25429	25683	25530	0.53	cps
Cadmium	106-1	37799	38401	38117	38105	0.79	cps
Cadmium	111-1	383848	385095	386248	385064	0.31	cps
Calcium	43-1	78019	77386	76434	77280	1.03	cps
Calcium	44-1	1245451	1218711	1222238	1228800	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	631868	624520	630092	628826	0.61	cps
Cobalt	59-2	984356	979176	973843	979125	0.54	cps
Copper	63-2	673934	671981	667836	671250	0.46	cps
Dysprosium	156-1	27	13	10	17	52.93	cps
Dysprosium	156-2	40	20	17	26	49.38	cps
Erbium	164-1	57	73	63	64	13.01	cps
Erbium	164-2	37	30	47	38	22.21	cps
Gadolinium	160-1	57	67	47	57	17.65	cps
Gadolinium	160-2	440	717	720	626	25.69	cps
Holmium	165-1	15555160	15478451	15391180	15474930	0.53	cps
Holmium	165-2	11376169	11421272	11353675	11383706	0.30	cps
Indium	115-1	12725921	12643639	12531466	12633675	0.77	cps
Indium	115-2	4946812	4912592	4937362	4932255	0.36	cps
Iron	56-2	11663362	11570546	11609386	11614431	0.40	cps
Iron	57-2	297204	299546	298047	298265	0.40	cps
Iron	54-2	678757	672708	672898	674788	0.51	cps
Krypton	83-1	233	260	247	247	5.41	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:41:43	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2360839	2375489	2346520	2360949	0.61	cps
Lead	207-1	2000139	2002292	2003074	2001835	0.08	cps
Lead	208-1	9298823	9246840	9263104	9269589	0.29	cps
Lithium	6-1	1838372	1879911	1848369	1855550	1.17	cps
Magnesium	24-2	658347	650832	649425	652868	0.73	cps
Manganese	55-2	508987	506109	502456	505851	0.65	cps
Molybdenum	94-1	563	570	560	564	0.90	cps
Molybdenum	95-1	417	440	370	409	8.72	cps
Molybdenum	96-1	653	660	677	663	1.81	cps
Molybdenum	97-1	267	247	280	264	6.35	cps
Molybdenum	98-1	763	680	733	726	5.82	cps
Neodymium	150-1	23	37	30	30	22.23	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	250041	249289	249502	249611	0.16	cps
Phosphorus	31-2	157	183	183	174	8.83	cps
Potassium	39-2	1503946	1476882	1492278	1491035	0.91	cps
Rhodium	103-1	11958601	11769888	11632405	11786965	1.39	cps
Rhodium	103-2	7380936	7369181	7412956	7387691	0.31	cps
Scandium	45-1	6893571	6830283	6843723	6855859	0.49	cps
Scandium	45-2	651131	652458	654441	652677	0.26	cps
Selenium	82-1	49212	49456	49545	49404	0.35	cps
Selenium	77-2	6065	5698	5871	5878	3.12	cps
Selenium	78-2	20054	19910	19770	19911	0.71	cps
Silicon	28-1	602414	605656	609252	605774	0.56	cps
Silver	107-1	918100	920827	926161	921696	0.44	cps
Silver	109-1	876616	878755	880359	878577	0.21	cps
Sodium	23-2	1849864	1809803	1838325	1832664	1.13	cps
Strontium	86-1	1393	1430	1497	1440	3.64	cps
Strontium	88-1	9963	9960	9810	9911	0.88	cps
Sulfur	34-1	199980	202249	206351	202860	1.59	cps
Terbium	159-1	15978851	15771910	15906635	15885799	0.66	cps
Terbium	159-2	11359879	11258107	11276283	11298089	0.48	cps
Thallium	203-1	2893356	2899186	2902664	2898402	0.16	cps
Thallium	205-1	6810878	6802370	6734623	6782624	0.62	cps
Tin	118-1	1837	1897	1807	1847	2.48	cps
Titanium	47-1	103	120	163	129	24.03	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICV004	Instrumnet Name :	P7
Client Sample ID :	ICV004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 13:41:43	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107	70	70	82	25.75	cps
Vanadium	51-2	540258	535395	538558	538070	0.46	cps
Yttrium	89-1	14949635	14673609	14617368	14746871	1.21	cps
Yttrium	89-2	4327594	4306336	4310347	4314759	0.26	cps
Zinc	66-2	237489	237343	239108	237980	0.41	cps
Zirconium	90-1	1000	923	773	899	12.83	cps
Zirconium	91-1	423	387	540	450	17.79	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:31:50	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	247	237	223	14.39	cps
Antimony	121-1	400	390	390	393	1.47	cps
Arsenic	75-2	20	20	14	18	21.10	cps
Barium	135-1	70	53	70	64	14.93	cps
Barium	137-1	110	77	73	87	23.40	cps
Beryllium	9-1	87	103	93	94	8.88	cps
Bismuth	209-1	9628027	9470667	9280591	9459761	1.84	cps
Bismuth	209-2	8035846	7956282	7977489	7989872	0.52	cps
Bromine	81-1	15932	15735	16239	15969	1.59	cps
Bromine	81-2	103	130	167	133	23.85	cps
Cadmium	108-1	0	13	13	9	86.60	cps
Cadmium	106-1	3404	3567	3390	3454	2.85	cps
Cadmium	111-1	2393	2511	2381	2428	2.97	cps
Calcium	43-1	253	223	233	237	6.45	cps
Calcium	44-1	11221	11111	10948	11093	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1247	1370	1270	1296	5.06	cps
Cobalt	59-2	157	163	187	169	9.33	cps
Copper	63-2	860	890	877	876	1.72	cps
Dysprosium	156-1	20	17	7	14	48.02	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	67	50	60	59	14.25	cps
Erbium	164-2	43	40	63	49	25.81	cps
Gadolinium	160-1	33	43	63	47	32.74	cps
Gadolinium	160-2	787	643	653	694	11.52	cps
Holmium	165-1	15766092	15335059	15566426	15555859	1.39	cps
Holmium	165-2	11579895	11255558	11419862	11418438	1.42	cps
Indium	115-1	13162094	12661315	12694583	12839331	2.18	cps
Indium	115-2	5028467	5012290	5075545	5038767	0.65	cps
Iron	56-2	21869	22217	21622	21903	1.36	cps
Iron	57-2	1167	1280	1307	1251	5.94	cps
Iron	54-2	2860	2677	2894	2810	4.15	cps
Krypton	83-1	243	203	197	214	11.77	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:31:50	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	850	737	890	826	9.63	cps
Lead	207-1	663	587	680	643	7.74	cps
Lead	208-1	3227	2930	3237	3131	5.57	cps
Lithium	6-1	1838576	1749500	1828173	1805416	2.70	cps
Magnesium	24-2	1257	1067	1243	1189	8.92	cps
Manganese	55-2	320	347	330	332	4.05	cps
Molybdenum	94-1	373	353	327	351	6.67	cps
Molybdenum	95-1	200	180	203	194	6.49	cps
Molybdenum	96-1	283	280	300	288	3.72	cps
Molybdenum	97-1	87	157	157	133	30.31	cps
Molybdenum	98-1	343	360	307	337	8.11	cps
Neodymium	150-1	0	10	10	7	86.60	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	350	377	390	372	5.47	cps
Phosphorus	31-2	217	193	203	204	5.72	cps
Potassium	39-2	64710	64650	64874	64745	0.18	cps
Rhodium	103-1	12470951	12157421	12136473	12254948	1.53	cps
Rhodium	103-2	7543437	7484627	7520804	7516290	0.39	cps
Scandium	45-1	7235176	7017314	7085744	7112745	1.57	cps
Scandium	45-2	683627	679935	687472	683678	0.55	cps
Selenium	82-1	615	621	534	590	8.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	507	593	490	530	10.47	cps
Silicon	28-1	671932	672799	674186	672972	0.17	cps
Silver	107-1	217	233	207	219	6.16	cps
Silver	109-1	197	193	157	182	12.18	cps
Sodium	23-2	23925	23875	24052	23951	0.38	cps
Strontium	86-1	390	390	490	423	13.64	cps
Strontium	88-1	267	247	260	258	3.95	cps
Sulfur	34-1	215430	215075	211722	214076	0.96	cps
Terbium	159-1	16183896	15732666	15876197	15930920	1.45	cps
Terbium	159-2	11420941	11290817	11165762	11292507	1.13	cps
Thallium	203-1	483	317	397	399	20.90	cps
Thallium	205-1	940	947	833	907	7.01	cps
Tin	118-1	1757	1830	1893	1827	3.74	cps
Titanium	47-1	113	117	73	101	23.85	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICB004	Instrumnet Name :	P7
Client Sample ID :	ICB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:31:50	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63	50	50	54	14.14	cps
Vanadium	51-2	43	23	13	27	57.29	cps
Yttrium	89-1	15211657	14986478	14981929	15060021	0.87	cps
Yttrium	89-2	4439295	4457668	4416375	4437779	0.47	cps
Zinc	66-2	520	503	613	546	10.87	cps
Zirconium	90-1	713	607	733	684	9.95	cps
Zirconium	91-1	147	157	187	163	12.74	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:35:20	DataFile Name :	022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31220340	30593680	30826399	30880139	1.03	cps
Antimony	121-1	15632	15635	15332	15533	1.12	cps
Arsenic	75-2	305	249	289	281	10.22	cps
Barium	135-1	5301	5161	5024	5162	2.68	cps
Barium	137-1	8799	8416	8239	8485	3.38	cps
Beryllium	9-1	460	523	590	524	12.40	cps
Bismuth	209-1	9066852	8963749	8981148	9003916	0.61	cps
Bismuth	209-2	7641688	7507429	7531634	7560250	0.95	cps
Bromine	81-1	16700	16403	16790	16631	1.22	cps
Bromine	81-2	453	410	540	468	14.15	cps
Cadmium	108-1	2557	2290	2354	2400	5.81	cps
Cadmium	106-1	3747	3474	3254	3492	7.08	cps
Cadmium	111-1	4160	3715	3500	3792	8.87	cps
Calcium	43-1	3576175	3455846	3521995	3518005	1.71	cps
Calcium	44-1	57801017	57097559	56774676	57224417	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114241	112633	112499	113124	0.86	cps
Cobalt	59-2	10824	11251	11051	11042	1.93	cps
Copper	63-2	45646	44559	44763	44990	1.28	cps
Dysprosium	156-1	60	63	47	57	15.56	cps
Dysprosium	156-2	53	37	40	43	20.34	cps
Erbium	164-1	130	107	130	122	11.02	cps
Erbium	164-2	57	63	97	72	29.67	cps
Gadolinium	160-1	120	77	73	90	28.93	cps
Gadolinium	160-2	677	603	660	647	5.94	cps
Holmium	165-1	15516539	15345333	15196433	15352768	1.04	cps
Holmium	165-2	11440526	11334135	11232872	11335844	0.92	cps
Indium	115-1	11993875	11680576	11809848	11828100	1.33	cps
Indium	115-2	4655598	4627583	4614868	4632683	0.45	cps
Iron	56-2	534258432	531247579	528218232	531241414	0.57	cps
Iron	57-2	13260122	13210210	13118589	13196307	0.54	cps
Iron	54-2	29331635	28986864	29173178	29163892	0.59	cps
Krypton	83-1	220	267	167	218	22.98	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:35:20	DataFile Name :	022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	57759	54495	52494	54916	4.84	cps
Lead	207-1	45867	42526	41166	43186	5.60	cps
Lead	208-1	215589	203763	196250	205201	4.75	cps
Lithium	6-1	1730932	1721740	1724375	1725683	0.27	cps
Magnesium	24-2	50180146	49755658	49996024	49977276	0.43	cps
Manganese	55-2	35736	37293	37216	36748	2.39	cps
Molybdenum	94-1	7802643	7635322	7747305	7728424	1.10	cps
Molybdenum	95-1	13650919	13423164	13400791	13491625	1.03	cps
Molybdenum	96-1	14761166	14524833	14451866	14579288	1.11	cps
Molybdenum	97-1	8610802	8381050	8432879	8474911	1.42	cps
Molybdenum	98-1	21962364	21643710	21789084	21798386	0.73	cps
Neodymium	150-1	10	47	73	43	73.38	cps
Neodymium	150-2	27	43	40	37	24.04	cps
Nickel	60-2	11828	11911	11891	11877	0.37	cps
Phosphorus	31-2	1579842	1571547	1552428	1567939	0.90	cps
Potassium	39-2	65693716	65519942	65366271	65526643	0.25	cps
Rhodium	103-1	10905217	10653727	10660412	10739786	1.33	cps
Rhodium	103-2	6724279	6669819	6649292	6681130	0.58	cps
Scandium	45-1	6618616	6578774	6494200	6563863	0.97	cps
Scandium	45-2	611270	609108	607382	609253	0.32	cps
Selenium	82-1	524	429	571	508	14.24	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	460	503	457	473	5.50	cps
Silicon	28-1	693055	669793	669817	677555	1.98	cps
Silver	107-1	907	753	777	812	10.17	cps
Silver	109-1	1000	723	767	830	17.93	cps
Sodium	23-2	83144089	82065319	82628692	82612700	0.65	cps
Strontium	86-1	146490	144948	146201	145880	0.56	cps
Strontium	88-1	1275629	1260178	1275495	1270434	0.70	cps
Sulfur	34-1	5312511	5196320	5267571	5258801	1.11	cps
Terbium	159-1	15969482	15695112	15675133	15779909	1.04	cps
Terbium	159-2	11094559	11228909	11225679	11183049	0.69	cps
Thallium	203-1	1863	2170	2320	2118	10.99	cps
Thallium	205-1	4454	4928	5528	4970	10.83	cps
Tin	118-1	4174	3951	4318	4147	4.46	cps
Titanium	47-1	3433147	3342033	3350052	3375077	1.49	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSA004	Instrumnet Name :	P7
Client Sample ID :	ICSA004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:35:20	DataFile Name :	022ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	633	670	577	627	7.50	cps
Vanadium	51-2	1013	937	930	960	4.82	cps
Yttrium	89-1	14305314	14092003	13993246	14130188	1.13	cps
Yttrium	89-2	4156537	4069273	4102154	4109321	1.07	cps
Zinc	66-2	12649	12158	12185	12331	2.24	cps
Zirconium	90-1	1187	1377	1213	1259	8.17	cps
Zirconium	91-1	250	283	263	266	6.32	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:38:24	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31509492	31613466	31394245	31505735	0.35	cps
Antimony	121-1	297453	295020	297284	296586	0.46	cps
Arsenic	75-2	15965	15969	16240	16058	0.98	cps
Barium	135-1	75555	75572	76661	75930	0.83	cps
Barium	137-1	131568	132894	131642	132035	0.56	cps
Beryllium	9-1	32855	33346	33245	33149	0.78	cps
Bismuth	209-1	9221735	9133492	9161068	9172098	0.49	cps
Bismuth	209-2	7721252	7697401	7683873	7700842	0.25	cps
Bromine	81-1	16222	16513	16676	16470	1.40	cps
Bromine	81-2	483	473	480	479	1.06	cps
Cadmium	108-1	6868	6815	7095	6926	2.15	cps
Cadmium	106-1	9783	9870	9950	9868	0.85	cps
Cadmium	111-1	74380	73962	74375	74239	0.32	cps
Calcium	43-1	3658736	3558385	3582295	3599805	1.46	cps
Calcium	44-1	58529226	57851686	58037359	58139424	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231879	230150	229479	230503	0.54	cps
Cobalt	59-2	190111	188839	189156	189368	0.35	cps
Copper	63-2	165850	165484	164802	165379	0.32	cps
Dysprosium	156-1	47	63	47	52	18.42	cps
Dysprosium	156-2	73	57	57	62	15.46	cps
Erbium	164-1	97	107	167	123	30.70	cps
Erbium	164-2	73	90	90	84	11.40	cps
Gadolinium	160-1	53	90	107	83	32.75	cps
Gadolinium	160-2	627	733	640	667	8.72	cps
Holmium	165-1	15903327	15878278	15741406	15841003	0.55	cps
Holmium	165-2	11434883	11484866	11601608	11507119	0.74	cps
Indium	115-1	12181698	12165956	12076595	12141417	0.47	cps
Indium	115-2	4657444	4667438	4672092	4665658	0.16	cps
Iron	56-2	547940299	547186445	545858712	546995152	0.19	cps
Iron	57-2	13610504	13588270	13627111	13608628	0.14	cps
Iron	54-2	29760399	29642837	29580203	29661146	0.31	cps
Krypton	83-1	187	243	217	216	13.15	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:38:24	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	269059	268606	267015	268227	0.40	cps
Lead	207-1	224762	224754	226331	225283	0.40	cps
Lead	208-1	1039449	1032423	1034362	1035411	0.35	cps
Lithium	6-1	1696144	1642510	1633510	1657388	2.04	cps
Magnesium	24-2	51220906	50947778	51011856	51060180	0.28	cps
Manganese	55-2	131290	130190	131121	130867	0.45	cps
Molybdenum	94-1	7970193	7937724	7871465	7926461	0.63	cps
Molybdenum	95-1	13966689	13899982	13907111	13924594	0.26	cps
Molybdenum	96-1	14937185	14895761	15014288	14949078	0.40	cps
Molybdenum	97-1	8650782	8680684	8692222	8674562	0.25	cps
Molybdenum	98-1	22497456	22388925	22407660	22431347	0.26	cps
Neodymium	150-1	80	63	77	73	12.03	cps
Neodymium	150-2	37	37	33	36	5.42	cps
Nickel	60-2	56713	55583	56850	56382	1.23	cps
Phosphorus	31-2	1578117	1638635	1613118	1609957	1.89	cps
Potassium	39-2	67450662	67629987	66902201	67327617	0.56	cps
Rhodium	103-1	11016646	11104020	11025822	11048829	0.43	cps
Rhodium	103-2	6865779	6803811	6791810	6820466	0.58	cps
Scandium	45-1	6689429	6570085	6507485	6589000	1.40	cps
Scandium	45-2	624177	627982	623225	625128	0.40	cps
Selenium	82-1	5010	4914	4932	4952	1.03	cps
Selenium	77-2	487	483	500	490	1.80	cps
Selenium	78-2	2230	2214	2140	2195	2.18	cps
Silicon	28-1	701012	706759	707287	705020	0.49	cps
Silver	107-1	338884	335729	341858	338823	0.90	cps
Silver	109-1	318907	322257	320843	320669	0.52	cps
Sodium	23-2	85054667	84979415	83848422	84627502	0.80	cps
Strontium	86-1	150002	149729	152137	150622	0.88	cps
Strontium	88-1	1318123	1313808	1317008	1316313	0.17	cps
Sulfur	34-1	5404634	5182835	5269693	5285721	2.11	cps
Terbium	159-1	16089692	16232228	16384303	16235408	0.91	cps
Terbium	159-2	11474005	11213774	11466250	11384676	1.30	cps
Thallium	203-1	268088	270110	267419	268539	0.52	cps
Thallium	205-1	634785	636246	635743	635591	0.12	cps
Tin	118-1	3417	3440	3564	3474	2.27	cps
Titanium	47-1	3486050	3366685	3387937	3413558	1.87	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	ICSAB004	Instrumnet Name :	P7
Client Sample ID :	ICSAB004	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:38:24	DataFile Name :	023ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	743	810	700	751	7.38	cps
Vanadium	51-2	101018	101089	101515	101207	0.27	cps
Yttrium	89-1	14548068	14549502	14420244	14505938	0.51	cps
Yttrium	89-2	4209062	4244764	4184789	4212871	0.72	cps
Zinc	66-2	35105	34690	34553	34783	0.83	cps
Zirconium	90-1	1157	1290	1223	1223	5.45	cps
Zirconium	91-1	243	300	307	283	12.28	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:41:26	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16668255	16697861	16453853	16606656	0.80	cps
Antimony	121-1	6654705	6632118	6667803	6651542	0.27	cps
Arsenic	75-2	353360	354911	353269	353847	0.26	cps
Barium	135-1	8572084	8635558	8524363	8577335	0.65	cps
Barium	137-1	14913342	14959571	14925245	14932719	0.16	cps
Beryllium	9-1	744128	734567	744693	741129	0.77	cps
Bismuth	209-1	8823684	8725805	8646304	8731931	1.02	cps
Bismuth	209-2	7143906	7198038	7278809	7206918	0.94	cps
Bromine	81-1	14904	14617	14164	14562	2.56	cps
Bromine	81-2	143	83	117	114	26.27	cps
Cadmium	108-1	117894	118993	118808	118565	0.50	cps
Cadmium	106-1	171631	171243	172433	171769	0.35	cps
Cadmium	111-1	1656070	1601587	1680047	1645901	2.44	cps
Calcium	43-1	8542972	8510013	8491318	8514768	0.31	cps
Calcium	44-1	138848248	137994351	137602351	138148317	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2778894	2717502	2728264	2741553	1.20	cps
Cobalt	59-2	4150302	4186077	4193812	4176730	0.56	cps
Copper	63-2	29281066	29153976	29007093	29147378	0.47	cps
Dysprosium	156-1	330	320	347	332	4.06	cps
Dysprosium	156-2	540	637	607	594	8.32	cps
Erbium	164-1	293	350	327	323	8.81	cps
Erbium	164-2	203	203	257	221	13.92	cps
Gadolinium	160-1	310	313	303	309	1.65	cps
Gadolinium	160-2	793	810	813	806	1.33	cps
Holmium	165-1	15252496	15341388	15158936	15250940	0.60	cps
Holmium	165-2	11037000	11010026	11147089	11064705	0.66	cps
Indium	115-1	11469524	11579978	11368968	11472823	0.92	cps
Indium	115-2	4414477	4435967	4463235	4437893	0.55	cps
Iron	56-2	641466604	646320230	642444790	643410542	0.40	cps
Iron	57-2	16073957	16122689	16067119	16087921	0.19	cps
Iron	54-2	35129018	35129921	34950725	35069888	0.29	cps
Krypton	83-1	203	240	243	229	9.70	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:41:26	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25967617	26162385	26144505	26091503	0.41	cps
Lead	207-1	23105835	23294392	23041465	23147231	0.57	cps
Lead	208-1	104953050	104664333	104416213	104677866	0.26	cps
Lithium	6-1	1581033	1587686	1591415	1586711	0.33	cps
Magnesium	24-2	124285565	126436821	124648571	125123653	0.92	cps
Manganese	55-2	22130578	22305793	22116571	22184314	0.48	cps
Molybdenum	94-1	23201840	23230406	23178675	23203640	0.11	cps
Molybdenum	95-1	33523060	33233285	33284516	33346953	0.46	cps
Molybdenum	96-1	37034764	36555024	36701091	36763626	0.67	cps
Molybdenum	97-1	21096083	20704346	20844044	20881491	0.95	cps
Molybdenum	98-1	54225206	53537223	53758451	53840293	0.65	cps
Neodymium	150-1	537	507	517	520	2.94	cps
Neodymium	150-2	187	153	190	177	11.47	cps
Nickel	60-2	992231	994012	993024	993089	0.09	cps
Phosphorus	31-2	149744	150111	149317	149724	0.27	cps
Potassium	39-2	81660045	82527609	82124640	82104098	0.53	cps
Rhodium	103-1	10453486	10365042	10311793	10376774	0.69	cps
Rhodium	103-2	6475403	6380239	6427102	6427581	0.74	cps
Scandium	45-1	6455437	6409134	6340032	6401534	0.91	cps
Scandium	45-2	610191	606458	605183	607277	0.43	cps
Selenium	82-1	106134	106538	106080	106251	0.24	cps
Selenium	77-2	11404	11138	11194	11245	1.25	cps
Selenium	78-2	37113	38213	37130	37485	1.68	cps
Silicon	28-1	3693191	3772769	3793114	3753025	1.41	cps
Silver	107-1	8156950	8125922	8193155	8158676	0.41	cps
Silver	109-1	7828996	7753506	7738555	7773686	0.62	cps
Sodium	23-2	202374110	205576484	203663290	203871295	0.79	cps
Strontium	86-1	2111366	2108596	2104697	2108219	0.16	cps
Strontium	88-1	18345895	18283206	18285957	18305019	0.19	cps
Sulfur	34-1	632085	628781	631539	630802	0.28	cps
Terbium	159-1	15692728	15806046	15413833	15637536	1.29	cps
Terbium	159-2	10945845	10963984	11094390	11001407	0.74	cps
Thallium	203-1	6524325	6503356	6561806	6529829	0.45	cps
Thallium	205-1	15356809	15422670	15442305	15407261	0.29	cps
Tin	118-1	5510192	5513096	5485523	5502937	0.28	cps
Titanium	47-1	7962260	7994974	7988556	7981930	0.22	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV030	Instrumnet Name :	P7
Client Sample ID :	CCV030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:41:26	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20748368	20993103	20899066	20880179	0.59	cps
Vanadium	51-2	2420906	2458840	2418503	2432750	0.93	cps
Yttrium	89-1	14014764	13909371	13761300	13895145	0.92	cps
Yttrium	89-2	4045798	4054291	4056280	4052123	0.14	cps
Zinc	66-2	4925505	4849033	4883648	4886062	0.78	cps
Zirconium	90-1	11368963	11289797	11237727	11298829	0.58	cps
Zirconium	91-1	2514742	2532790	2530668	2526067	0.39	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:47:29	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	233	193	213	9.37	cps
Antimony	121-1	767	797	747	770	3.27	cps
Arsenic	75-2	7	17	7	10	56.15	cps
Barium	135-1	133	100	43	92	49.34	cps
Barium	137-1	197	190	113	167	27.78	cps
Beryllium	9-1	87	80	93	87	7.70	cps
Bismuth	209-1	10091218	9883410	10052695	10009108	1.10	cps
Bismuth	209-2	8387985	8229127	8360014	8325709	1.02	cps
Bromine	81-1	16099	16309	16563	16324	1.42	cps
Bromine	81-2	283	273	263	273	3.66	cps
Cadmium	108-1	10	20	10	13	43.30	cps
Cadmium	106-1	3714	3614	3607	3645	1.64	cps
Cadmium	111-1	2659	2549	2585	2598	2.17	cps
Calcium	43-1	263	287	253	268	6.39	cps
Calcium	44-1	11451	10854	10547	10951	4.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1120	1143	1187	1150	2.94	cps
Cobalt	59-2	113	110	140	121	13.58	cps
Copper	63-2	1237	1090	1110	1146	6.94	cps
Dysprosium	156-1	7	0	13	7	99.98	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	57	43	50	50	13.34	cps
Erbium	164-2	33	53	50	46	23.52	cps
Gadolinium	160-1	57	40	43	47	18.90	cps
Gadolinium	160-2	603	720	617	647	9.88	cps
Holmium	165-1	16198460	15768074	15946009	15970848	1.35	cps
Holmium	165-2	11540111	11603953	11511097	11551720	0.41	cps
Indium	115-1	12942379	12781031	12744151	12822520	0.82	cps
Indium	115-2	4955949	5024189	4955735	4978624	0.79	cps
Iron	56-2	23629	23251	22083	22988	3.51	cps
Iron	57-2	1083	1053	1030	1056	2.53	cps
Iron	54-2	2764	2990	2630	2795	6.51	cps
Krypton	83-1	227	250	210	229	8.78	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:47:29	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1563	1540	1357	1487	7.61	cps
Lead	207-1	1413	1293	1357	1355	4.43	cps
Lead	208-1	6257	5837	5624	5906	5.46	cps
Lithium	6-1	1765431	1770788	1772921	1769713	0.22	cps
Magnesium	24-2	1543	1577	1413	1511	5.71	cps
Manganese	55-2	410	377	387	391	4.37	cps
Molybdenum	94-1	677	597	607	627	6.96	cps
Molybdenum	95-1	650	653	560	621	8.52	cps
Molybdenum	96-1	910	667	653	743	19.44	cps
Molybdenum	97-1	513	383	310	402	25.60	cps
Molybdenum	98-1	1103	943	830	959	14.32	cps
Neodymium	150-1	10	10	0	7	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	313	297	333	314	5.84	cps
Phosphorus	31-2	113	183	170	156	23.90	cps
Potassium	39-2	59733	59864	60135	59910	0.34	cps
Rhodium	103-1	12161334	12007605	12038466	12069135	0.67	cps
Rhodium	103-2	7553403	7465397	7425044	7481281	0.88	cps
Scandium	45-1	6882892	6837431	6796257	6838860	0.63	cps
Scandium	45-2	644965	648186	641916	645022	0.49	cps
Selenium	82-1	571	476	501	516	9.54	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	437	517	513	489	9.26	cps
Silicon	28-1	585416	586111	589720	587083	0.39	cps
Silver	107-1	417	407	340	388	10.75	cps
Silver	109-1	370	297	303	323	12.54	cps
Sodium	23-2	36684	35972	34916	35857	2.48	cps
Strontium	86-1	363	383	333	360	6.99	cps
Strontium	88-1	363	267	300	310	15.84	cps
Sulfur	34-1	182357	182674	183503	182845	0.32	cps
Terbium	159-1	16634281	16456031	16384734	16491682	0.78	cps
Terbium	159-2	11405619	11471846	11590723	11489396	0.82	cps
Thallium	203-1	1010	963	1077	1017	5.60	cps
Thallium	205-1	2747	2417	2414	2526	7.58	cps
Tin	118-1	1660	1613	1590	1621	2.20	cps
Titanium	47-1	173	183	160	172	6.80	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB030	Instrumnet Name :	P7
Client Sample ID :	CCB030	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:47:29	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	313	180	163	219	37.56	cps
Vanadium	51-2	20	27	23	23	14.29	cps
Yttrium	89-1	14985287	14819920	14913950	14906386	0.56	cps
Yttrium	89-2	4318188	4319036	4323519	4320247	0.07	cps
Zinc	66-2	250	317	290	286	11.75	cps
Zirconium	90-1	873	817	793	828	4.97	cps
Zirconium	91-1	203	153	200	186	15.06	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BL	Instrumnet Name :	P7
Client Sample ID :	PBS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:52:03	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	313	677	430	49.71	cps
Antimony	121-1	323	330	317	323	2.06	cps
Arsenic	75-2	17	7	21	15	48.68	cps
Barium	135-1	77	63	27	56	46.60	cps
Barium	137-1	100	70	90	87	17.63	cps
Beryllium	9-1	77	107	90	91	16.50	cps
Bismuth	209-1	10070302	9831610	9860039	9920650	1.31	cps
Bismuth	209-2	8352688	8293603	8209148	8285146	0.87	cps
Bromine	81-1	15615	15905	16366	15962	2.37	cps
Bromine	81-2	187	193	173	184	5.52	cps
Cadmium	108-1	13	13	3	10	57.75	cps
Cadmium	106-1	3470	3517	3637	3542	2.43	cps
Cadmium	111-1	2460	2476	2607	2514	3.21	cps
Calcium	43-1	180	200	210	197	7.77	cps
Calcium	44-1	10227	10201	10271	10233	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1360	1187	1393	1313	8.45	cps
Cobalt	59-2	133	137	590	287	91.67	cps
Copper	63-2	1007	937	1984	1309	44.74	cps
Dysprosium	156-1	7	0	7	4	86.60	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	53	57	53	54	3.54	cps
Erbium	164-2	50	23	43	39	35.69	cps
Gadolinium	160-1	53	50	60	54	9.35	cps
Gadolinium	160-2	677	613	633	641	5.05	cps
Holmium	165-1	16254715	15764719	15871453	15963629	1.61	cps
Holmium	165-2	11720485	11604277	11589732	11638165	0.62	cps
Indium	115-1	12982592	13043445	12823655	12949897	0.88	cps
Indium	115-2	5033467	4987306	4967077	4995950	0.68	cps
Iron	56-2	20885	21038	91284	44402	91.44	cps
Iron	57-2	1020	1123	3018	1720	65.37	cps
Iron	54-2	2780	2710	7321	4270	61.86	cps
Krypton	83-1	183	213	253	217	16.21	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BL	Instrumnet Name :	P7
Client Sample ID :	PBS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:52:03	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1080	980	1067	1042	5.21	cps
Lead	207-1	973	990	1007	990	1.68	cps
Lead	208-1	4400	4210	4330	4314	2.23	cps
Lithium	6-1	1807987	1789634	1769267	1788963	1.08	cps
Magnesium	24-2	1283	1363	1850	1499	20.47	cps
Manganese	55-2	337	290	1371	666	91.77	cps
Molybdenum	94-1	480	413	390	428	10.92	cps
Molybdenum	95-1	307	263	283	284	7.62	cps
Molybdenum	96-1	320	317	423	353	17.16	cps
Molybdenum	97-1	153	117	173	148	19.45	cps
Molybdenum	98-1	507	537	490	511	4.63	cps
Neodymium	150-1	13	10	3	9	57.30	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	333	350	323	336	4.02	cps
Phosphorus	31-2	143	163	330	212	48.29	cps
Potassium	39-2	60613	60955	74055	65208	11.75	cps
Rhodium	103-1	12367242	12132069	12176072	12225128	1.02	cps
Rhodium	103-2	7562263	7523822	7495031	7527039	0.45	cps
Scandium	45-1	7047206	6887489	6841383	6925359	1.56	cps
Scandium	45-2	662605	651565	652205	655458	0.95	cps
Selenium	82-1	666	566	536	589	11.60	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	483	523	547	518	6.19	cps
Silicon	28-1	611130	607940	608896	609322	0.27	cps
Silver	107-1	4198	200	247	1548	148.23	cps
Silver	109-1	173	153	223	183	19.67	cps
Sodium	23-2	30029	29849	30378	30085	0.89	cps
Strontium	86-1	337	387	343	356	7.64	cps
Strontium	88-1	217	220	137	191	24.69	cps
Sulfur	34-1	189033	190495	192955	190828	1.04	cps
Terbium	159-1	16591169	16345059	16218746	16384992	1.16	cps
Terbium	159-2	11714576	11519295	11547273	11593715	0.91	cps
Thallium	203-1	887	887	947	907	3.82	cps
Thallium	205-1	2264	2327	2194	2261	2.95	cps
Tin	118-1	1857	1703	1693	1751	5.23	cps
Titanium	47-1	133	110	113	119	10.62	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BL	Instrumnet Name :	P7
Client Sample ID :	PBS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:52:03	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60	50	47	52	13.28	cps
Vanadium	51-2	7	17	243	89	150.58	cps
Yttrium	89-1	15253993	15095538	14877319	15075617	1.25	cps
Yttrium	89-2	4400220	4329746	4316574	4348846	1.03	cps
Zinc	66-2	320	283	387	330	15.88	cps
Zirconium	90-1	770	730	717	739	3.76	cps
Zirconium	91-1	127	203	153	161	24.16	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BS	Instrumnet Name :	P7
Client Sample ID :	LCS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:55:19	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13910	14303	14016	14077	1.45	cps
Antimony	121-1	57886	56714	57079	57227	1.05	cps
Arsenic	75-2	1666	1795	1816	1759	4.62	cps
Barium	135-1	71713	69950	69927	70530	1.45	cps
Barium	137-1	121880	123635	122193	122569	0.76	cps
Beryllium	9-1	3634	3464	3437	3512	3.04	cps
Bismuth	209-1	9945035	9766738	9667153	9792975	1.44	cps
Bismuth	209-2	8361075	8434313	8273165	8356184	0.97	cps
Bromine	81-1	16893	16132	16893	16639	2.64	cps
Bromine	81-2	183	157	207	182	13.73	cps
Cadmium	108-1	507	480	400	462	12.01	cps
Cadmium	106-1	4774	4381	4447	4534	4.64	cps
Cadmium	111-1	10292	10429	10359	10360	0.66	cps
Calcium	43-1	38596	38719	38659	38658	0.16	cps
Calcium	44-1	642649	639863	636785	639766	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25211	25308	24851	25123	0.96	cps
Cobalt	59-2	19483	19076	19369	19309	1.09	cps
Copper	63-2	28223	28941	29232	28799	1.80	cps
Dysprosium	156-1	13	23	17	18	28.64	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	67	57	60	61	8.33	cps
Erbium	164-2	43	37	33	38	13.48	cps
Gadolinium	160-1	73	33	43	50	41.64	cps
Gadolinium	160-2	580	620	670	623	7.23	cps
Holmium	165-1	16150345	15932912	15828276	15970511	1.03	cps
Holmium	165-2	11725480	11841249	11693034	11753254	0.66	cps
Indium	115-1	13056077	13091586	12813423	12987029	1.17	cps
Indium	115-2	5045813	5036587	5080604	5054335	0.46	cps
Iron	56-2	2338113	2365162	2352910	2352062	0.58	cps
Iron	57-2	60879	60029	59859	60256	0.91	cps
Iron	54-2	133508	131935	132053	132499	0.66	cps
Krypton	83-1	227	247	263	246	7.48	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BS	Instrumnet Name :	P7
Client Sample ID :	LCS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:55:19	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22823	23000	22696	22839	0.67	cps
Lead	207-1	19598	19791	20142	19843	1.39	cps
Lead	208-1	90950	90925	91062	90979	0.08	cps
Lithium	6-1	1791970	1805041	1752082	1783031	1.55	cps
Magnesium	24-2	535966	533154	537156	535425	0.38	cps
Manganese	55-2	10394	10450	10634	10493	1.20	cps
Molybdenum	94-1	58660	59025	58182	58622	0.72	cps
Molybdenum	95-1	71604	71463	71376	71481	0.16	cps
Molybdenum	96-1	79641	79598	79048	79429	0.42	cps
Molybdenum	97-1	44969	45213	43732	44638	1.78	cps
Molybdenum	98-1	115425	115633	115875	115644	0.19	cps
Neodymium	150-1	20	23	17	20	16.65	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	5041	5151	5268	5153	2.20	cps
Phosphorus	31-2	973	1043	1003	1007	3.49	cps
Potassium	39-2	808775	801635	808879	806429	0.51	cps
Rhodium	103-1	12413526	12037203	12171159	12207296	1.56	cps
Rhodium	103-2	7629864	7584458	7553421	7589248	0.51	cps
Scandium	45-1	7056315	6948267	6933777	6979453	0.96	cps
Scandium	45-2	667610	668846	663845	666767	0.39	cps
Selenium	82-1	2882	3016	2813	2903	3.55	cps
Selenium	77-2	280	260	367	302	18.76	cps
Selenium	78-2	1460	1523	1427	1470	3.34	cps
Silicon	28-1	754098	754137	752767	753667	0.10	cps
Silver	107-1	37131	36175	37037	36781	1.43	cps
Silver	109-1	34952	35176	35263	35130	0.46	cps
Sodium	23-2	890181	887187	890061	889143	0.19	cps
Strontium	86-1	9346	9507	9220	9357	1.54	cps
Strontium	88-1	79228	78119	78960	78769	0.73	cps
Sulfur	34-1	198498	197448	201506	199151	1.06	cps
Terbium	159-1	16541316	16567398	16267810	16458841	1.01	cps
Terbium	159-2	11705337	11695667	11626079	11675695	0.37	cps
Thallium	203-1	27588	27765	27735	27696	0.34	cps
Thallium	205-1	65624	64656	64318	64866	1.04	cps
Tin	118-1	121053	120095	119157	120102	0.79	cps
Titanium	47-1	4371	4157	4311	4280	2.57	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BS	Instrumnet Name :	P7
Client Sample ID :	LCS687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:55:19	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	80213	79257	80501	79990	0.81	cps
Vanadium	51-2	53655	53772	54853	54093	1.22	cps
Yttrium	89-1	15290836	15106020	15034063	15143640	0.87	cps
Yttrium	89-2	4485055	4526593	4420744	4477464	1.19	cps
Zinc	66-2	12188	12242	12329	12253	0.58	cps
Zirconium	90-1	49289	48052	47724	48355	1.71	cps
Zirconium	91-1	11051	10811	10507	10790	2.53	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:59:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6221	6265	6548	6345	2.80	cps
Antimony	121-1	24711	25052	25306	25023	1.19	cps
Arsenic	75-2	814	753	753	774	4.54	cps
Barium	135-1	30342	30940	30566	30616	0.99	cps
Barium	137-1	53005	53028	52356	52796	0.72	cps
Beryllium	9-1	1607	1543	1620	1590	2.58	cps
Bismuth	209-1	9916523	9673105	9643719	9744449	1.54	cps
Bismuth	209-2	8151436	8152144	8129937	8144506	0.15	cps
Bromine	81-1	16493	16352	16326	16390	0.55	cps
Bromine	81-2	197	173	207	192	8.90	cps
Cadmium	108-1	193	227	230	217	9.36	cps
Cadmium	106-1	4064	4051	3971	4028	1.25	cps
Cadmium	111-1	6260	6031	5942	6078	2.70	cps
Calcium	43-1	17320	16996	17130	17149	0.95	cps
Calcium	44-1	282975	279380	283841	282065	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11348	11498	11861	11569	2.28	cps
Cobalt	59-2	8829	8369	8396	8531	3.03	cps
Copper	63-2	13316	12996	13042	13118	1.32	cps
Dysprosium	156-1	17	3	7	9	78.08	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	50	30	53	44	28.39	cps
Erbium	164-2	40	57	27	41	36.56	cps
Gadolinium	160-1	40	53	50	48	14.52	cps
Gadolinium	160-2	643	660	660	654	1.47	cps
Holmium	165-1	16108330	15771544	15689554	15856476	1.40	cps
Holmium	165-2	11639448	11578923	11568305	11595559	0.33	cps
Indium	115-1	13250704	13036861	12852433	13046666	1.53	cps
Indium	115-2	5083709	4979929	4959912	5007850	1.33	cps
Iron	56-2	1037491	1038151	1033167	1036270	0.26	cps
Iron	57-2	27044	26964	26634	26881	0.81	cps
Iron	54-2	59035	58807	60039	59294	1.11	cps
Krypton	83-1	220	237	213	223	5.38	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:59:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10287	10327	10177	10264	0.76	cps
Lead	207-1	9197	9270	9106	9191	0.89	cps
Lead	208-1	41238	41595	40988	41274	0.74	cps
Lithium	6-1	1790009	1721065	1754546	1755207	1.96	cps
Magnesium	24-2	233766	232941	230305	232337	0.78	cps
Manganese	55-2	4837	4721	4634	4731	2.16	cps
Molybdenum	94-1	25612	25833	25048	25498	1.59	cps
Molybdenum	95-1	31283	31293	31060	31212	0.42	cps
Molybdenum	96-1	34597	34060	34828	34495	1.14	cps
Molybdenum	97-1	19470	18946	19280	19232	1.38	cps
Molybdenum	98-1	49554	50373	50059	49995	0.83	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	10	0	10	7	86.60	cps
Nickel	60-2	2444	2370	2414	2409	1.53	cps
Phosphorus	31-2	520	530	503	518	2.60	cps
Potassium	39-2	386715	387272	387926	387304	0.16	cps
Rhodium	103-1	12409666	12118629	12083855	12204050	1.47	cps
Rhodium	103-2	7545210	7435079	7444379	7474889	0.82	cps
Scandium	45-1	7066728	7062622	6900563	7009971	1.35	cps
Scandium	45-2	666175	665120	666453	665916	0.11	cps
Selenium	82-1	1569	1616	1518	1568	3.12	cps
Selenium	77-2	143	83	117	114	26.27	cps
Selenium	78-2	910	893	913	906	1.18	cps
Silicon	28-1	687106	686917	687560	687194	0.05	cps
Silver	107-1	16192	15992	15502	15895	2.24	cps
Silver	109-1	15538	15358	15438	15445	0.58	cps
Sodium	23-2	402460	398797	396842	399366	0.71	cps
Strontium	86-1	4601	4174	4487	4421	5.00	cps
Strontium	88-1	34153	34480	34470	34368	0.54	cps
Sulfur	34-1	202054	203432	199680	201722	0.94	cps
Terbium	159-1	16831853	16341848	16031709	16401803	2.46	cps
Terbium	159-2	11525792	11336257	11527181	11463077	0.96	cps
Thallium	203-1	12396	12599	11915	12303	2.85	cps
Thallium	205-1	28961	28513	29191	28888	1.19	cps
Tin	118-1	53228	53181	52770	53059	0.48	cps
Titanium	47-1	1913	1933	1857	1901	2.09	cps

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165687BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD687	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 14:59:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35233	34027	33599	34286	2.47	cps
Vanadium	51-2	23936	23578	23902	23805	0.83	cps
Yttrium	89-1	15145096	15091772	15096027	15110965	0.20	cps
Yttrium	89-2	4415804	4378750	4422635	4405729	0.54	cps
Zinc	66-2	5414	5785	5668	5622	3.37	cps
Zirconium	90-1	21603	21409	21843	21618	1.01	cps
Zirconium	91-1	4644	4891	4828	4787	2.68	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BL	Instrumnet Name :	P7
Client Sample ID :	PBS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:02:34	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	207	247	226	8.91	cps
Antimony	121-1	170	153	157	160	5.51	cps
Arsenic	75-2	10	10	4	8	48.47	cps
Barium	135-1	103	50	63	72	38.43	cps
Barium	137-1	77	110	77	88	21.92	cps
Beryllium	9-1	77	90	120	96	23.22	cps
Bismuth	209-1	9778331	9582511	9573062	9644634	1.20	cps
Bismuth	209-2	8106087	8130853	8094307	8110416	0.23	cps
Bromine	81-1	15842	16202	15959	16001	1.15	cps
Bromine	81-2	180	157	200	179	12.12	cps
Cadmium	108-1	20	10	10	13	43.30	cps
Cadmium	106-1	3664	3707	3634	3668	1.01	cps
Cadmium	111-1	2584	2631	2563	2593	1.34	cps
Calcium	43-1	270	293	310	291	6.90	cps
Calcium	44-1	11355	10748	11488	11197	3.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1297	1177	1230	1235	4.87	cps
Cobalt	59-2	127	137	100	121	15.65	cps
Copper	63-2	937	1090	1003	1010	7.61	cps
Dysprosium	156-1	10	0	7	6	91.64	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	40	50	77	56	34.12	cps
Erbium	164-2	53	47	43	48	10.66	cps
Gadolinium	160-1	33	40	40	38	10.19	cps
Gadolinium	160-2	567	640	597	601	6.13	cps
Holmium	165-1	15762870	15749107	15620069	15710682	0.50	cps
Holmium	165-2	11432462	11499202	11416869	11449511	0.38	cps
Indium	115-1	12970867	12752368	12735482	12819572	1.02	cps
Indium	115-2	5080838	5036844	4924959	5014214	1.60	cps
Iron	56-2	21662	21232	20774	21223	2.09	cps
Iron	57-2	1150	1167	1193	1170	1.87	cps
Iron	54-2	2874	2844	2897	2871	0.93	cps
Krypton	83-1	233	190	243	222	12.76	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BL	Instrumnet Name :	P7
Client Sample ID :	PBS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:02:34	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	947	870	887	901	4.47	cps
Lead	207-1	760	810	780	783	3.21	cps
Lead	208-1	3634	3547	3694	3625	2.03	cps
Lithium	6-1	1719683	1754803	1733493	1735993	1.02	cps
Magnesium	24-2	1337	1407	1457	1400	4.31	cps
Manganese	55-2	363	263	323	317	15.89	cps
Molybdenum	94-1	477	423	343	414	16.19	cps
Molybdenum	95-1	270	237	293	267	10.68	cps
Molybdenum	96-1	390	310	313	338	13.40	cps
Molybdenum	97-1	150	107	137	131	16.93	cps
Molybdenum	98-1	420	347	400	389	9.75	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	440	383	350	391	11.63	cps
Phosphorus	31-2	197	167	177	180	8.49	cps
Potassium	39-2	63913	63287	63970	63724	0.59	cps
Rhodium	103-1	12218074	12048783	12029238	12098698	0.86	cps
Rhodium	103-2	7550105	7523734	7471994	7515278	0.53	cps
Scandium	45-1	7016655	7036598	6940097	6997783	0.73	cps
Scandium	45-2	672825	672553	669183	671520	0.30	cps
Selenium	82-1	477	548	407	477	14.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	530	530	573	544	4.60	cps
Silicon	28-1	643266	646053	651811	647043	0.67	cps
Silver	107-1	293	277	230	267	12.31	cps
Silver	109-1	263	217	180	220	18.99	cps
Sodium	23-2	26737	26463	27251	26817	1.49	cps
Strontium	86-1	407	387	383	392	3.22	cps
Strontium	88-1	213	233	193	213	9.37	cps
Sulfur	34-1	199309	202766	204292	202122	1.26	cps
Terbium	159-1	16533486	16076360	16036779	16215542	1.70	cps
Terbium	159-2	11324296	11429897	11347072	11367088	0.49	cps
Thallium	203-1	773	780	727	760	3.82	cps
Thallium	205-1	1813	1820	1813	1816	0.21	cps
Tin	118-1	1750	1863	1740	1785	3.84	cps
Titanium	47-1	103	137	77	106	28.48	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BL	Instrumnet Name :	P7
Client Sample ID :	PBS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:02:34	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	63	47	56	15.09	cps
Vanadium	51-2	20	17	37	24	43.83	cps
Yttrium	89-1	14979158	14926682	14939348	14948396	0.18	cps
Yttrium	89-2	4463243	4449794	4358030	4423689	1.29	cps
Zinc	66-2	693	653	563	637	10.46	cps
Zirconium	90-1	717	720	697	711	1.77	cps
Zirconium	91-1	180	170	150	167	9.17	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BS	Instrumnet Name :	P7
Client Sample ID :	LCS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:05:53	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13986	14550	13806	14114	2.75	cps
Antimony	121-1	55269	54994	55048	55104	0.26	cps
Arsenic	75-2	1811	1764	1762	1779	1.58	cps
Barium	135-1	67867	68480	68350	68232	0.47	cps
Barium	137-1	119009	117020	117319	117783	0.91	cps
Beryllium	9-1	3630	3540	3317	3496	4.62	cps
Bismuth	209-1	10180752	9713689	9544321	9812920	3.36	cps
Bismuth	209-2	8199762	8144068	8107169	8150333	0.57	cps
Bromine	81-1	16009	15675	16139	15941	1.50	cps
Bromine	81-2	143	187	197	176	16.15	cps
Cadmium	108-1	450	560	557	522	11.98	cps
Cadmium	106-1	4634	4344	4331	4436	3.87	cps
Cadmium	111-1	10331	10177	10291	10266	0.77	cps
Calcium	43-1	38666	38141	37516	38108	1.51	cps
Calcium	44-1	622876	623903	621341	622707	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24844	24079	24487	24470	1.56	cps
Cobalt	59-2	18959	18461	19159	18860	1.90	cps
Copper	63-2	28858	28834	28891	28861	0.10	cps
Dysprosium	156-1	20	27	20	22	17.33	cps
Dysprosium	156-2	13	23	17	18	28.64	cps
Erbium	164-1	67	50	63	60	14.70	cps
Erbium	164-2	23	70	53	49	48.38	cps
Gadolinium	160-1	80	60	47	62	26.96	cps
Gadolinium	160-2	557	623	630	603	6.72	cps
Holmium	165-1	16636661	15965414	15638827	16080301	3.16	cps
Holmium	165-2	11464183	11551873	11559021	11525026	0.46	cps
Indium	115-1	13807916	13145834	12806597	13253449	3.84	cps
Indium	115-2	5124062	5036923	5042886	5067957	0.96	cps
Iron	56-2	2308871	2326582	2308350	2314601	0.45	cps
Iron	57-2	59276	60401	59648	59775	0.96	cps
Iron	54-2	129642	129016	129884	129514	0.35	cps
Krypton	83-1	220	260	230	237	8.80	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BS	Instrumnet Name :	P7
Client Sample ID :	LCS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:05:53	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21841	21998	21510	21783	1.14	cps
Lead	207-1	18660	18476	19050	18729	1.57	cps
Lead	208-1	86782	86501	85655	86313	0.68	cps
Lithium	6-1	1840708	1712665	1673945	1742439	5.01	cps
Magnesium	24-2	531198	525341	520799	525779	0.99	cps
Manganese	55-2	9993	10427	10027	10149	2.38	cps
Molybdenum	94-1	56050	56997	56471	56506	0.84	cps
Molybdenum	95-1	69584	68928	69068	69193	0.50	cps
Molybdenum	96-1	77738	77437	76730	77302	0.67	cps
Molybdenum	97-1	42575	43003	42876	42818	0.51	cps
Molybdenum	98-1	112300	111672	110793	111588	0.68	cps
Neodymium	150-1	10	7	13	10	33.30	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	5118	5218	5004	5113	2.09	cps
Phosphorus	31-2	1070	1037	920	1009	7.81	cps
Potassium	39-2	806618	807487	798974	804360	0.58	cps
Rhodium	103-1	12920313	12255235	12081329	12418959	3.57	cps
Rhodium	103-2	7599424	7551719	7553158	7568100	0.36	cps
Scandium	45-1	7411009	6967074	6951785	7109956	3.67	cps
Scandium	45-2	673186	677193	673445	674608	0.33	cps
Selenium	82-1	2908	2741	2920	2857	3.50	cps
Selenium	77-2	263	310	297	290	8.29	cps
Selenium	78-2	1393	1410	1397	1400	0.63	cps
Silicon	28-1	792505	795132	796285	794641	0.24	cps
Silver	107-1	35634	36018	35734	35795	0.56	cps
Silver	109-1	33535	35216	34267	34340	2.45	cps
Sodium	23-2	870082	872156	866380	869539	0.34	cps
Strontium	86-1	9093	9046	8976	9038	0.65	cps
Strontium	88-1	77017	77244	76260	76840	0.67	cps
Sulfur	34-1	203732	202094	202436	202754	0.43	cps
Terbium	159-1	17055431	16337417	16074013	16488954	3.08	cps
Terbium	159-2	11502433	11498208	11279719	11426787	1.11	cps
Thallium	203-1	26362	25958	26132	26151	0.78	cps
Thallium	205-1	62020	62369	61679	62023	0.56	cps
Tin	118-1	117017	117878	116611	117169	0.55	cps
Titanium	47-1	4367	4211	4224	4267	2.04	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BS	Instrumnet Name :	P7
Client Sample ID :	LCS689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:05:53	DataFile Name :	031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76025	76454	74745	75741	1.17	cps
Vanadium	51-2	53561	54618	53197	53792	1.37	cps
Yttrium	89-1	15953626	15175956	15033460	15387680	3.22	cps
Yttrium	89-2	4411696	4473709	4426270	4437225	0.73	cps
Zinc	66-2	11992	11958	11931	11960	0.25	cps
Zirconium	90-1	47573	47614	47125	47437	0.57	cps
Zirconium	91-1	10857	10597	10454	10636	1.92	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:09:07	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7162	7522	7285	7323	2.50	cps
Antimony	121-1	28575	28732	28538	28615	0.36	cps
Arsenic	75-2	956	914	871	914	4.71	cps
Barium	135-1	36069	35093	35721	35628	1.39	cps
Barium	137-1	62148	60759	62249	61719	1.35	cps
Beryllium	9-1	1873	1747	1810	1810	3.50	cps
Bismuth	209-1	9851443	9710504	9696103	9752684	0.88	cps
Bismuth	209-2	8257098	8236307	8260657	8251354	0.16	cps
Bromine	81-1	15762	16179	16439	16127	2.12	cps
Bromine	81-2	240	203	210	218	8.97	cps
Cadmium	108-1	337	243	273	284	16.75	cps
Cadmium	106-1	4427	3947	3871	4082	7.39	cps
Cadmium	111-1	6794	6340	6319	6484	4.14	cps
Calcium	43-1	19593	20170	19830	19864	1.46	cps
Calcium	44-1	331116	331310	327818	330081	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13426	13496	13416	13446	0.32	cps
Cobalt	59-2	9893	10090	10234	10072	1.70	cps
Copper	63-2	15448	15061	15148	15219	1.33	cps
Dysprosium	156-1	10	13	13	12	15.73	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	60	67	63	63	5.27	cps
Erbium	164-2	43	60	50	51	16.42	cps
Gadolinium	160-1	57	60	60	59	3.26	cps
Gadolinium	160-2	543	623	633	600	8.22	cps
Holmium	165-1	16091516	15797966	15950584	15946689	0.92	cps
Holmium	165-2	11509191	11710515	11533763	11584490	0.95	cps
Indium	115-1	13193254	12973092	13027990	13064779	0.88	cps
Indium	115-2	5045767	5116013	5101795	5087858	0.73	cps
Iron	56-2	1231523	1226448	1219663	1225878	0.49	cps
Iron	57-2	31787	31677	31860	31775	0.29	cps
Iron	54-2	69838	69530	68920	69429	0.67	cps
Krypton	83-1	220	257	233	237	7.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:09:07	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11475	11432	11885	11597	2.16	cps
Lead	207-1	10397	10297	10174	10290	1.09	cps
Lead	208-1	46388	46455	46939	46594	0.65	cps
Lithium	6-1	1747089	1730375	1698148	1725204	1.44	cps
Magnesium	24-2	277895	277036	275494	276808	0.44	cps
Manganese	55-2	5458	5514	5444	5472	0.68	cps
Molybdenum	94-1	29911	30051	30231	30064	0.53	cps
Molybdenum	95-1	36125	36074	36061	36087	0.09	cps
Molybdenum	96-1	40499	40573	40366	40479	0.26	cps
Molybdenum	97-1	22668	22120	23002	22596	1.97	cps
Molybdenum	98-1	58513	57881	57954	58116	0.60	cps
Neodymium	150-1	10	3	0	4	114.60	cps
Neodymium	150-2	20	7	10	12	56.76	cps
Nickel	60-2	2944	2720	2724	2796	4.58	cps
Phosphorus	31-2	533	637	537	569	10.32	cps
Potassium	39-2	450132	454266	447064	450487	0.80	cps
Rhodium	103-1	12421544	12282798	12291027	12331790	0.63	cps
Rhodium	103-2	7569018	7668253	7597687	7611653	0.67	cps
Scandium	45-1	7126932	7005472	7007939	7046781	0.99	cps
Scandium	45-2	684177	683361	675270	680936	0.72	cps
Selenium	82-1	1837	1694	1734	1755	4.19	cps
Selenium	77-2	123	137	100	120	15.47	cps
Selenium	78-2	1113	997	1027	1046	5.79	cps
Silicon	28-1	733337	735549	733091	733992	0.18	cps
Silver	107-1	18866	19073	19253	19064	1.02	cps
Silver	109-1	17724	17928	18011	17888	0.83	cps
Sodium	23-2	467849	466759	465199	466602	0.29	cps
Strontium	86-1	5078	5131	4971	5060	1.61	cps
Strontium	88-1	39907	40288	40392	40196	0.63	cps
Sulfur	34-1	201611	203587	204036	203078	0.64	cps
Terbium	159-1	16450886	16181925	16124767	16252526	1.07	cps
Terbium	159-2	11540363	11442779	11578649	11520597	0.61	cps
Thallium	203-1	13804	13814	14094	13904	1.19	cps
Thallium	205-1	33040	33474	32876	33130	0.93	cps
Tin	118-1	62197	61828	61979	62001	0.30	cps
Titanium	47-1	2297	2220	2197	2238	2.34	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165689BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD689	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:09:07	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39281	39712	38987	39327	0.93	cps
Vanadium	51-2	27796	27953	27575	27774	0.68	cps
Yttrium	89-1	15348887	15210679	15066015	15208527	0.93	cps
Yttrium	89-2	4467123	4459722	4448734	4458526	0.21	cps
Zinc	66-2	6348	6588	6338	6425	2.20	cps
Zirconium	90-1	25198	24490	25015	24901	1.48	cps
Zirconium	91-1	5558	5561	5584	5568	0.26	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BL	Instrumnet Name :	P7
Client Sample ID :	PBS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:12:25	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	217	187	212	11.14	cps
Antimony	121-1	83	97	103	94	10.78	cps
Arsenic	75-2	7	4	7	6	32.89	cps
Barium	135-1	83	67	43	64	31.18	cps
Barium	137-1	137	103	100	113	17.89	cps
Beryllium	9-1	53	83	53	63	27.35	cps
Bismuth	209-1	9778747	9857250	9704739	9780245	0.78	cps
Bismuth	209-2	8257556	8251021	8218430	8242336	0.25	cps
Bromine	81-1	17157	16997	17317	17157	0.93	cps
Bromine	81-2	210	177	187	191	8.95	cps
Cadmium	108-1	17	7	3	9	78.08	cps
Cadmium	106-1	3964	3801	3747	3837	2.94	cps
Cadmium	111-1	2770	2676	2637	2694	2.53	cps
Calcium	43-1	657	657	717	677	5.12	cps
Calcium	44-1	18101	17751	17831	17894	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1323	1257	1380	1320	4.68	cps
Cobalt	59-2	143	143	130	139	5.55	cps
Copper	63-2	900	917	850	889	3.90	cps
Dysprosium	156-1	10	0	3	4	114.60	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	57	43	60	53	16.54	cps
Erbium	164-2	27	40	47	38	26.95	cps
Gadolinium	160-1	47	37	37	40	14.43	cps
Gadolinium	160-2	583	673	630	629	7.16	cps
Holmium	165-1	16099084	15990654	15718854	15936197	1.23	cps
Holmium	165-2	11662953	11634950	11630279	11642727	0.15	cps
Indium	115-1	13222405	12927255	13141428	13097030	1.16	cps
Indium	115-2	5096306	5111679	5015686	5074557	1.02	cps
Iron	56-2	21706	21579	21085	21456	1.53	cps
Iron	57-2	1043	1167	1233	1148	8.40	cps
Iron	54-2	2714	2850	2920	2828	3.72	cps
Krypton	83-1	253	263	230	249	6.87	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BL	Instrumnet Name :	P7
Client Sample ID :	PBS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:12:25	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	843	863	810	839	3.21	cps
Lead	207-1	743	703	740	729	3.04	cps
Lead	208-1	3440	3264	3204	3302	3.73	cps
Lithium	6-1	1762946	1742814	1715269	1740343	1.38	cps
Magnesium	24-2	1583	1597	1513	1565	2.86	cps
Manganese	55-2	270	290	367	309	16.52	cps
Molybdenum	94-1	380	347	430	386	10.88	cps
Molybdenum	95-1	210	203	187	200	6.01	cps
Molybdenum	96-1	310	310	287	302	4.46	cps
Molybdenum	97-1	143	90	93	109	27.44	cps
Molybdenum	98-1	350	347	400	366	8.17	cps
Neodymium	150-1	7	10	10	9	21.63	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	367	370	380	372	1.86	cps
Phosphorus	31-2	173	153	157	161	6.65	cps
Potassium	39-2	64077	64770	63615	64154	0.91	cps
Rhodium	103-1	12589520	12496514	12307185	12464406	1.15	cps
Rhodium	103-2	7703044	7752539	7592862	7682815	1.06	cps
Scandium	45-1	7194577	7032996	7154301	7127291	1.18	cps
Scandium	45-2	680971	684131	678169	681091	0.44	cps
Selenium	82-1	528	453	538	506	9.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	523	573	563	553	4.78	cps
Silicon	28-1	660064	668309	662399	663591	0.64	cps
Silver	107-1	290	257	253	267	7.60	cps
Silver	109-1	240	263	230	244	7.00	cps
Sodium	23-2	24977	25121	25034	25044	0.29	cps
Strontium	86-1	403	420	423	416	2.58	cps
Strontium	88-1	267	287	300	284	5.90	cps
Sulfur	34-1	206086	206336	206228	206217	0.06	cps
Terbium	159-1	16527290	16318133	16161082	16335501	1.12	cps
Terbium	159-2	11656986	11630324	11424209	11570506	1.10	cps
Thallium	203-1	590	603	630	608	3.35	cps
Thallium	205-1	1433	1490	1383	1436	3.72	cps
Tin	118-1	1983	1757	1743	1828	7.38	cps
Titanium	47-1	93	113	80	96	17.56	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BL	Instrumnet Name :	P7
Client Sample ID :	PBS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:12:25	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77	47	77	67	25.98	cps
Vanadium	51-2	13	27	7	16	65.47	cps
Yttrium	89-1	15456040	15441287	15236762	15378030	0.80	cps
Yttrium	89-2	4531923	4479170	4413978	4475024	1.32	cps
Zinc	66-2	1330	1273	1417	1340	5.39	cps
Zirconium	90-1	753	797	657	736	9.74	cps
Zirconium	91-1	187	137	187	170	16.98	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BS	Instrumnet Name :	P7
Client Sample ID :	LCS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:15:41	DataFile Name :	034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14197	14220	14177	14198	0.15	cps
Antimony	121-1	55035	54811	55851	55232	0.99	cps
Arsenic	75-2	1799	1669	1688	1719	4.08	cps
Barium	135-1	68216	68112	67904	68077	0.23	cps
Barium	137-1	119543	118583	118237	118788	0.57	cps
Beryllium	9-1	3427	3497	3434	3453	1.12	cps
Bismuth	209-1	10011654	9831776	9746280	9863237	1.37	cps
Bismuth	209-2	8271479	8321408	8230917	8274601	0.55	cps
Bromine	81-1	17173	17277	17938	17463	2.37	cps
Bromine	81-2	203	200	210	204	2.49	cps
Cadmium	108-1	553	610	577	580	4.91	cps
Cadmium	106-1	4824	4774	4591	4730	2.60	cps
Cadmium	111-1	10225	10397	10242	10288	0.92	cps
Calcium	43-1	38078	38161	38148	38129	0.12	cps
Calcium	44-1	625023	627368	621089	624493	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24500	24507	24283	24430	0.52	cps
Cobalt	59-2	19560	19606	19169	19445	1.23	cps
Copper	63-2	29058	28093	28607	28586	1.69	cps
Dysprosium	156-1	23	30	23	26	15.07	cps
Dysprosium	156-2	17	17	13	16	12.40	cps
Erbium	164-1	63	70	40	58	27.26	cps
Erbium	164-2	63	43	47	51	20.96	cps
Gadolinium	160-1	70	80	40	63	32.87	cps
Gadolinium	160-2	657	570	713	647	11.16	cps
Holmium	165-1	16334055	16032555	15752729	16039779	1.81	cps
Holmium	165-2	11699573	11756724	11812083	11756126	0.48	cps
Indium	115-1	13691742	13265595	13002295	13319877	2.61	cps
Indium	115-2	5155250	5151978	5167445	5158224	0.16	cps
Iron	56-2	2355732	2320188	2309377	2328432	1.04	cps
Iron	57-2	59946	59521	59842	59769	0.37	cps
Iron	54-2	131360	130617	129894	130624	0.56	cps
Krypton	83-1	227	283	247	252	11.39	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BS	Instrumnet Name :	P7
Client Sample ID :	LCS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:15:41	DataFile Name :	034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21778	21657	21270	21568	1.23	cps
Lead	207-1	18790	19104	19060	18984	0.90	cps
Lead	208-1	86177	86387	85451	86005	0.57	cps
Lithium	6-1	1782863	1754214	1763782	1766953	0.83	cps
Magnesium	24-2	530474	531276	528648	530133	0.25	cps
Manganese	55-2	10360	10564	9983	10302	2.86	cps
Molybdenum	94-1	57234	56512	57164	56970	0.70	cps
Molybdenum	95-1	70244	68396	69427	69355	1.34	cps
Molybdenum	96-1	77668	78435	78204	78102	0.50	cps
Molybdenum	97-1	43294	43632	43003	43310	0.73	cps
Molybdenum	98-1	111756	112798	111156	111903	0.74	cps
Neodymium	150-1	10	10	3	8	49.52	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	5351	5231	5224	5269	1.35	cps
Phosphorus	31-2	1060	977	1077	1038	5.16	cps
Potassium	39-2	810853	809339	800676	806956	0.68	cps
Rhodium	103-1	12841729	12586625	12405859	12611404	1.74	cps
Rhodium	103-2	7826140	7675236	7655480	7718952	1.21	cps
Scandium	45-1	7375652	7140301	7228589	7248181	1.64	cps
Scandium	45-2	697658	694415	692311	694795	0.39	cps
Selenium	82-1	3002	2759	2870	2877	4.24	cps
Selenium	77-2	293	273	283	283	3.53	cps
Selenium	78-2	1453	1503	1457	1471	1.90	cps
Silicon	28-1	800634	800492	800211	800445	0.03	cps
Silver	107-1	36522	36419	36128	36357	0.56	cps
Silver	109-1	33870	33843	34134	33949	0.47	cps
Sodium	23-2	873985	875404	872447	873946	0.17	cps
Strontium	86-1	9236	9033	8909	9060	1.82	cps
Strontium	88-1	78059	76886	76441	77128	1.08	cps
Sulfur	34-1	211154	216295	214707	214052	1.23	cps
Terbium	159-1	17073362	16676173	16516117	16755217	1.71	cps
Terbium	159-2	11728433	11693358	11697113	11706301	0.16	cps
Thallium	203-1	26322	26392	25557	26091	1.78	cps
Thallium	205-1	61659	62158	61408	61741	0.62	cps
Tin	118-1	117134	116852	116016	116668	0.50	cps
Titanium	47-1	4231	4191	4144	4188	1.04	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BS	Instrumnet Name :	P7
Client Sample ID :	LCS692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:15:41	DataFile Name :	034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77286	76622	74865	76258	1.64	cps
Vanadium	51-2	53541	53829	53598	53656	0.28	cps
Yttrium	89-1	15962217	15384833	15209179	15518743	2.54	cps
Yttrium	89-2	4610059	4508334	4515980	4544791	1.25	cps
Zinc	66-2	12218	12025	11755	11999	1.94	cps
Zirconium	90-1	47032	47764	46567	47121	1.28	cps
Zirconium	91-1	10497	10554	10494	10515	0.32	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:18:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7615	7695	7742	7684	0.83	cps
Antimony	121-1	29627	30082	29417	29709	1.14	cps
Arsenic	75-2	1040	900	891	944	8.86	cps
Barium	135-1	37232	35999	36376	36536	1.73	cps
Barium	137-1	63956	62788	62962	63235	1.00	cps
Beryllium	9-1	1887	1923	1943	1918	1.50	cps
Bismuth	209-1	9903785	9747467	9594810	9748687	1.58	cps
Bismuth	209-2	8045544	8109999	8107252	8087599	0.45	cps
Bromine	81-1	16860	17567	17387	17271	2.13	cps
Bromine	81-2	183	200	197	193	4.56	cps
Cadmium	108-1	330	330	297	319	6.04	cps
Cadmium	106-1	4274	4264	4187	4242	1.12	cps
Cadmium	111-1	6801	6761	6607	6723	1.52	cps
Calcium	43-1	20901	20751	20360	20671	1.35	cps
Calcium	44-1	342303	337503	338690	339499	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13529	13983	13586	13700	1.81	cps
Cobalt	59-2	10123	10227	10434	10261	1.54	cps
Copper	63-2	15778	15892	15929	15866	0.49	cps
Dysprosium	156-1	10	13	7	10	33.30	cps
Dysprosium	156-2	7	23	17	16	53.90	cps
Erbium	164-1	77	60	47	61	24.60	cps
Erbium	164-2	27	27	60	38	50.93	cps
Gadolinium	160-1	43	60	50	51	16.42	cps
Gadolinium	160-2	643	683	657	661	3.08	cps
Holmium	165-1	15979960	16020754	15812949	15937888	0.69	cps
Holmium	165-2	11483551	11563444	11575206	11540734	0.43	cps
Indium	115-1	13142336	13102194	13202481	13149004	0.38	cps
Indium	115-2	4994439	5081370	5048715	5041508	0.87	cps
Iron	56-2	1267043	1308123	1259896	1278354	2.04	cps
Iron	57-2	32609	33418	32445	32824	1.59	cps
Iron	54-2	71261	73972	70628	71953	2.47	cps
Krypton	83-1	193	220	240	218	10.75	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:18:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11472	11829	11909	11736	1.98	cps
Lead	207-1	10211	10451	10401	10354	1.22	cps
Lead	208-1	46345	47590	47272	47069	1.37	cps
Lithium	6-1	1773981	1721547	1747443	1747657	1.50	cps
Magnesium	24-2	286808	284191	282313	284437	0.79	cps
Manganese	55-2	5551	6329	5651	5844	7.24	cps
Molybdenum	94-1	30589	30689	30836	30704	0.40	cps
Molybdenum	95-1	37495	37037	36282	36938	1.66	cps
Molybdenum	96-1	41916	41596	41836	41783	0.40	cps
Molybdenum	97-1	23145	23005	22831	22994	0.68	cps
Molybdenum	98-1	60160	59648	59009	59605	0.97	cps
Neodymium	150-1	3	7	20	10	88.20	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	2694	3014	2854	2854	5.61	cps
Phosphorus	31-2	640	547	660	616	9.83	cps
Potassium	39-2	464066	461689	463400	463052	0.26	cps
Rhodium	103-1	12695807	12459950	12379419	12511725	1.31	cps
Rhodium	103-2	7518629	7701430	7673446	7631168	1.29	cps
Scandium	45-1	7213931	7154483	7153194	7173869	0.48	cps
Scandium	45-2	676501	689260	689335	685032	1.08	cps
Selenium	82-1	1789	1856	1790	1812	2.11	cps
Selenium	77-2	177	130	120	142	21.27	cps
Selenium	78-2	1140	953	1093	1062	9.15	cps
Silicon	28-1	743979	743957	744267	744068	0.02	cps
Silver	107-1	19557	19133	19794	19494	1.72	cps
Silver	109-1	18535	18388	18285	18403	0.68	cps
Sodium	23-2	480226	477825	476075	478042	0.44	cps
Strontium	86-1	5031	5148	4948	5042	1.99	cps
Strontium	88-1	41518	40603	40690	40937	1.23	cps
Sulfur	34-1	213743	213098	216981	214607	0.97	cps
Terbium	159-1	16531083	16356964	16308914	16398987	0.71	cps
Terbium	159-2	11318119	11411252	11754196	11494522	2.00	cps
Thallium	203-1	14384	14177	14324	14295	0.74	cps
Thallium	205-1	33682	33772	33541	33665	0.34	cps
Tin	118-1	64627	62374	63325	63442	1.78	cps
Titanium	47-1	2367	2270	2237	2291	2.95	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165692BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD692	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:18:59	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40602	39866	40371	40280	0.93	cps
Vanadium	51-2	28727	29422	28784	28978	1.33	cps
Yttrium	89-1	15625434	15389984	15433560	15482993	0.81	cps
Yttrium	89-2	4415022	4456413	4498031	4456489	0.93	cps
Zinc	66-2	6548	6832	6592	6657	2.29	cps
Zirconium	90-1	25799	25576	25021	25465	1.57	cps
Zirconium	91-1	5668	5755	5548	5657	1.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BL	Instrumnet Name :	P7
Client Sample ID :	PBS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:22:15	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	227	267	237	243	8.55	cps
Antimony	121-1	117	93	103	104	11.21	cps
Arsenic	75-2	7	10	7	8	23.74	cps
Barium	135-1	70	50	40	53	28.64	cps
Barium	137-1	123	87	70	93	29.24	cps
Beryllium	9-1	70	83	60	71	16.46	cps
Bismuth	209-1	9878540	9743679	9668880	9763700	1.09	cps
Bismuth	209-2	8113933	8073641	8064608	8084060	0.32	cps
Bromine	81-1	17167	17707	17454	17443	1.55	cps
Bromine	81-2	160	180	213	184	14.61	cps
Cadmium	108-1	10	7	17	11	45.82	cps
Cadmium	106-1	4151	3964	3837	3984	3.96	cps
Cadmium	111-1	2932	2793	2694	2807	4.25	cps
Calcium	43-1	217	193	230	213	8.70	cps
Calcium	44-1	10394	10207	10080	10227	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1257	1257	1290	1268	1.52	cps
Cobalt	59-2	180	147	120	149	20.19	cps
Copper	63-2	857	890	877	874	1.92	cps
Dysprosium	156-1	3	0	20	8	137.80	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	73	73	53	67	17.32	cps
Erbium	164-2	30	33	43	36	19.51	cps
Gadolinium	160-1	67	53	53	58	13.33	cps
Gadolinium	160-2	693	603	660	652	6.98	cps
Holmium	165-1	15800176	15826826	15588196	15738400	0.83	cps
Holmium	165-2	11528139	11692653	11523088	11581293	0.83	cps
Indium	115-1	13162074	13100191	13000106	13087457	0.62	cps
Indium	115-2	5094665	5102597	5135353	5110872	0.42	cps
Iron	56-2	21168	22320	21722	21737	2.65	cps
Iron	57-2	1170	1243	1373	1262	8.16	cps
Iron	54-2	2840	2890	2820	2850	1.27	cps
Krypton	83-1	207	250	230	229	9.47	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BL	Instrumnet Name :	P7
Client Sample ID :	PBS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:22:15	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	750	723	787	753	4.22	cps
Lead	207-1	667	657	640	654	2.06	cps
Lead	208-1	3020	3014	2923	2986	1.81	cps
Lithium	6-1	1807366	1749350	1737200	1764639	2.12	cps
Magnesium	24-2	1303	1470	1403	1392	6.03	cps
Manganese	55-2	287	337	293	306	8.89	cps
Molybdenum	94-1	330	347	250	309	16.73	cps
Molybdenum	95-1	180	153	213	182	16.50	cps
Molybdenum	96-1	290	270	320	293	8.58	cps
Molybdenum	97-1	157	123	133	138	12.42	cps
Molybdenum	98-1	383	327	330	347	9.17	cps
Neodymium	150-1	3	3	3	3	0.00	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	287	360	383	343	14.69	cps
Phosphorus	31-2	153	170	170	164	5.85	cps
Potassium	39-2	66980	65989	65966	66311	0.87	cps
Rhodium	103-1	12511234	12427456	12374453	12437714	0.55	cps
Rhodium	103-2	7620951	7687675	7692903	7667177	0.52	cps
Scandium	45-1	7210259	7072095	7100193	7127516	1.02	cps
Scandium	45-2	684723	684896	689114	686244	0.36	cps
Selenium	82-1	622	480	435	512	19.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	527	563	557	549	3.56	cps
Silicon	28-1	672094	670818	672218	671710	0.12	cps
Silver	107-1	277	270	237	261	8.21	cps
Silver	109-1	190	207	213	203	5.91	cps
Sodium	23-2	24456	23498	24209	24054	2.07	cps
Strontium	86-1	343	320	413	359	13.53	cps
Strontium	88-1	163	180	237	193	19.88	cps
Sulfur	34-1	215078	215041	213470	214529	0.43	cps
Terbium	159-1	16430231	16554798	16167992	16384340	1.21	cps
Terbium	159-2	11392287	11474136	11469724	11445382	0.40	cps
Thallium	203-1	617	587	553	586	5.41	cps
Thallium	205-1	1463	1480	1363	1436	4.40	cps
Tin	118-1	1817	1673	1730	1740	4.15	cps
Titanium	47-1	113	120	153	129	16.63	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BL	Instrumnet Name :	P7
Client Sample ID :	PBS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:22:15	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100	57	67	74	30.48	cps
Vanadium	51-2	20	7	13	13	49.99	cps
Yttrium	89-1	15448117	15383105	15121768	15317663	1.13	cps
Yttrium	89-2	4512540	4519485	4504096	4512040	0.17	cps
Zinc	66-2	320	300	333	318	5.28	cps
Zirconium	90-1	733	820	707	753	7.87	cps
Zirconium	91-1	180	153	173	169	8.22	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BS	Instrumnet Name :	P7
Client Sample ID :	LCS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:25:33	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15495	14984	14921	15133	2.08	cps
Antimony	121-1	57467	57802	58070	57780	0.52	cps
Arsenic	75-2	1897	1994	1757	1883	6.32	cps
Barium	135-1	71709	70674	70480	70954	0.93	cps
Barium	137-1	124811	121894	122633	123113	1.23	cps
Beryllium	9-1	3534	3600	3467	3534	1.89	cps
Bismuth	209-1	9897209	9582510	9574560	9684760	1.90	cps
Bismuth	209-2	7938779	8006231	8086503	8010504	0.92	cps
Bromine	81-1	17100	17197	16780	17025	1.28	cps
Bromine	81-2	167	197	173	179	8.81	cps
Cadmium	108-1	573	560	563	566	1.23	cps
Cadmium	106-1	4938	4587	4547	4691	4.58	cps
Cadmium	111-1	10634	10798	10521	10651	1.31	cps
Calcium	43-1	40851	39732	39829	40137	1.55	cps
Calcium	44-1	659373	660455	651884	657238	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25755	26236	26403	26132	1.29	cps
Cobalt	59-2	20311	20244	20317	20290	0.20	cps
Copper	63-2	30354	29740	29840	29978	1.10	cps
Dysprosium	156-1	7	17	20	14	48.02	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	77	67	80	74	9.32	cps
Erbium	164-2	37	33	40	37	9.10	cps
Gadolinium	160-1	47	53	57	52	9.75	cps
Gadolinium	160-2	637	613	607	619	2.55	cps
Holmium	165-1	16183839	15710123	15643765	15845909	1.86	cps
Holmium	165-2	11475163	11529607	11525737	11510169	0.26	cps
Indium	115-1	13376063	12833753	12926834	13045550	2.22	cps
Indium	115-2	5036773	5105251	5056169	5066064	0.70	cps
Iron	56-2	2464128	2430991	2419935	2438351	0.94	cps
Iron	57-2	63393	62000	62235	62543	1.19	cps
Iron	54-2	138079	136724	137259	137354	0.50	cps
Krypton	83-1	233	257	220	237	7.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BS	Instrumnet Name :	P7
Client Sample ID :	LCS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:25:33	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21891	22265	22075	22077	0.85	cps
Lead	207-1	19861	19497	19170	19510	1.77	cps
Lead	208-1	88900	89636	87222	88586	1.40	cps
Lithium	6-1	1731961	1771378	1683855	1729065	2.54	cps
Magnesium	24-2	556620	561033	558326	558660	0.40	cps
Manganese	55-2	10787	10791	10824	10801	0.19	cps
Molybdenum	94-1	60695	58600	59052	59449	1.85	cps
Molybdenum	95-1	73282	72569	72207	72686	0.75	cps
Molybdenum	96-1	82354	80855	81545	81585	0.92	cps
Molybdenum	97-1	46457	46196	45634	46096	0.91	cps
Molybdenum	98-1	117276	117941	117571	117596	0.28	cps
Neodymium	150-1	17	13	13	14	13.35	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	5354	5328	5188	5290	1.69	cps
Phosphorus	31-2	1127	1083	1047	1086	3.69	cps
Potassium	39-2	858589	848713	849540	852281	0.64	cps
Rhodium	103-1	12698176	12310431	12429369	12479325	1.59	cps
Rhodium	103-2	7623969	7592511	7595687	7604056	0.23	cps
Scandium	45-1	7306998	7175630	7043436	7175355	1.84	cps
Scandium	45-2	696430	694588	690393	693803	0.45	cps
Selenium	82-1	3130	2989	2987	3035	2.69	cps
Selenium	77-2	290	343	360	331	11.04	cps
Selenium	78-2	1557	1450	1457	1488	4.02	cps
Silicon	28-1	824801	828639	825031	826157	0.26	cps
Silver	107-1	37946	38093	37709	37916	0.51	cps
Silver	109-1	35747	35540	36285	35858	1.07	cps
Sodium	23-2	926414	923628	916577	922206	0.55	cps
Strontium	86-1	9567	9707	9396	9557	1.63	cps
Strontium	88-1	82395	80033	81112	81180	1.46	cps
Sulfur	34-1	214726	214028	212871	213875	0.44	cps
Terbium	159-1	16592690	16415924	16085918	16364844	1.57	cps
Terbium	159-2	11425692	11467020	11348237	11413649	0.53	cps
Thallium	203-1	27070	27077	26810	26986	0.56	cps
Thallium	205-1	64077	63089	64261	63809	0.99	cps
Tin	118-1	123074	123127	120892	122364	1.04	cps
Titanium	47-1	4587	4557	4577	4574	0.33	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BS	Instrumnet Name :	P7
Client Sample ID :	LCS715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:25:33	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	78690	78452	78366	78503	0.21	cps
Vanadium	51-2	56990	57459	56974	57141	0.48	cps
Yttrium	89-1	15719464	15361994	15264769	15448742	1.55	cps
Yttrium	89-2	4491445	4501830	4500379	4497885	0.13	cps
Zinc	66-2	12539	12292	12529	12453	1.12	cps
Zirconium	90-1	49864	49135	49292	49431	0.78	cps
Zirconium	91-1	10947	11481	11261	11230	2.39	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:28:48	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7782	7725	7529	7679	1.73	cps
Antimony	121-1	28585	29069	28401	28685	1.20	cps
Arsenic	75-2	921	967	887	925	4.32	cps
Barium	135-1	36253	35771	35848	35957	0.72	cps
Barium	137-1	61449	62215	60953	61539	1.03	cps
Beryllium	9-1	1777	1803	1787	1789	0.75	cps
Bismuth	209-1	9831256	9709360	9710609	9750408	0.72	cps
Bismuth	209-2	8230022	8264071	8270668	8254920	0.26	cps
Bromine	81-1	17300	17377	16619	17099	2.44	cps
Bromine	81-2	167	200	157	174	13.01	cps
Cadmium	108-1	310	260	280	283	8.88	cps
Cadmium	106-1	4214	4181	4151	4182	0.76	cps
Cadmium	111-1	6580	6565	6573	6573	0.11	cps
Calcium	43-1	20147	20153	19753	20018	1.15	cps
Calcium	44-1	337437	335689	329671	334266	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13630	13706	13937	13757	1.16	cps
Cobalt	59-2	10537	9950	10167	10218	2.91	cps
Copper	63-2	15425	15862	14797	15361	3.48	cps
Dysprosium	156-1	17	20	3	13	66.16	cps
Dysprosium	156-2	0	13	13	9	86.60	cps
Erbium	164-1	67	67	70	68	2.84	cps
Erbium	164-2	43	43	37	41	9.35	cps
Gadolinium	160-1	70	50	60	60	16.67	cps
Gadolinium	160-2	627	667	570	621	7.82	cps
Holmium	165-1	15887047	15695120	15543093	15708420	1.10	cps
Holmium	165-2	11675554	11653041	11742426	11690340	0.40	cps
Indium	115-1	13212515	13122509	12975663	13103562	0.91	cps
Indium	115-2	5164648	5199275	5178869	5180931	0.34	cps
Iron	56-2	1233899	1240904	1240620	1238474	0.32	cps
Iron	57-2	32509	32128	31961	32199	0.87	cps
Iron	54-2	69951	70792	69774	70172	0.78	cps
Krypton	83-1	250	240	173	221	18.85	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:28:48	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11702	11502	11395	11533	1.35	cps
Lead	207-1	10194	10094	9927	10072	1.34	cps
Lead	208-1	46177	46164	46342	46228	0.21	cps
Lithium	6-1	1751846	1717240	1700644	1723243	1.52	cps
Magnesium	24-2	279073	278664	280301	279346	0.30	cps
Manganese	55-2	5418	5688	5541	5549	2.44	cps
Molybdenum	94-1	29617	30412	29470	29833	1.70	cps
Molybdenum	95-1	36565	36338	36602	36502	0.39	cps
Molybdenum	96-1	41088	41652	41479	41406	0.70	cps
Molybdenum	97-1	22841	22794	22895	22843	0.22	cps
Molybdenum	98-1	58714	59299	58684	58899	0.59	cps
Neodymium	150-1	0	13	3	6	124.93	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2970	2867	2894	2910	1.84	cps
Phosphorus	31-2	610	687	597	631	7.70	cps
Potassium	39-2	460186	458380	459205	459257	0.20	cps
Rhodium	103-1	12559026	12456284	12380348	12465219	0.72	cps
Rhodium	103-2	7699693	7651550	7732818	7694687	0.53	cps
Scandium	45-1	7226796	7158029	7135634	7173486	0.66	cps
Scandium	45-2	699818	702654	696880	699784	0.41	cps
Selenium	82-1	1807	1708	1784	1766	2.95	cps
Selenium	77-2	140	150	147	146	3.50	cps
Selenium	78-2	953	977	1080	1003	6.72	cps
Silicon	28-1	760047	763322	762398	761922	0.22	cps
Silver	107-1	19263	19006	18445	18905	2.21	cps
Silver	109-1	18008	18008	17951	17989	0.18	cps
Sodium	23-2	472395	471104	471990	471830	0.14	cps
Strontium	86-1	4874	4941	4871	4895	0.81	cps
Strontium	88-1	40830	40776	40031	40546	1.10	cps
Sulfur	34-1	212216	209310	207242	209589	1.19	cps
Terbium	159-1	16464312	16316649	15988447	16256469	1.50	cps
Terbium	159-2	11613518	11645814	11460223	11573185	0.86	cps
Thallium	203-1	13830	13747	13590	13723	0.89	cps
Thallium	205-1	33474	32636	32108	32739	2.10	cps
Tin	118-1	62194	61443	61869	61835	0.61	cps
Titanium	47-1	2274	2294	2247	2271	1.03	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	PB165715BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD715	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:28:48	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39699	37991	38806	38832	2.20	cps
Vanadium	51-2	27892	28463	28333	28230	1.06	cps
Yttrium	89-1	15647279	15389300	15204256	15413612	1.44	cps
Yttrium	89-2	4507177	4605494	4508497	4540389	1.24	cps
Zinc	66-2	6682	6628	6455	6588	1.80	cps
Zirconium	90-1	25395	25028	25075	25166	0.79	cps
Zirconium	91-1	5698	5521	5481	5567	2.07	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:32:06	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10808103	10805025	10762114	10791747	0.24	cps
Antimony	121-1	223	190	223	212	9.07	cps
Arsenic	75-2	13369	13669	13723	13587	1.40	cps
Barium	135-1	1227916	1207143	1187813	1207624	1.66	cps
Barium	137-1	2206519	2182048	2154075	2180880	1.20	cps
Beryllium	9-1	1943	1900	2017	1953	3.02	cps
Bismuth	209-1	10226829	9981934	10026181	10078315	1.29	cps
Bismuth	209-2	8404531	8479912	8456353	8446932	0.46	cps
Bromine	81-1	18191	17530	17484	17735	2.23	cps
Bromine	81-2	553	580	553	562	2.74	cps
Cadmium	108-1	187	220	197	201	8.50	cps
Cadmium	106-1	4584	4477	4471	4511	1.41	cps
Cadmium	111-1	4818	4567	4549	4645	3.24	cps
Calcium	43-1	641052	624089	610437	625193	2.45	cps
Calcium	44-1	10070835	9792746	9501743	9788441	2.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	172298	170296	169467	170687	0.85	cps
Cobalt	59-2	326790	326613	322081	325161	0.82	cps
Copper	63-2	470604	466033	462303	466313	0.89	cps
Dysprosium	156-1	101315	100137	96478	99310	2.54	cps
Dysprosium	156-2	87480	85890	85592	86321	1.18	cps
Erbium	164-1	90440	89112	88119	89224	1.31	cps
Erbium	164-2	64307	64732	64264	64434	0.40	cps
Gadolinium	160-1	96465	94657	93637	94920	1.51	cps
Gadolinium	160-2	71665	72697	70640	71667	1.44	cps
Holmium	165-1	16920395	16764917	16586811	16757374	1.00	cps
Holmium	165-2	12268527	12161660	12250036	12226741	0.47	cps
Indium	115-1	13803487	13538812	13126758	13489686	2.53	cps
Indium	115-2	5153942	5172161	5118065	5148056	0.53	cps
Iron	56-2	317898789	316625862	319239902	317921517	0.41	cps
Iron	57-2	7949192	7789933	7736126	7825083	1.42	cps
Iron	54-2	17553946	17182231	17112799	17282992	1.37	cps
Krypton	83-1	340	330	340	337	1.71	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:32:06	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	308412	304199	299675	304096	1.44	cps
Lead	207-1	258931	258027	255069	257342	0.78	cps
Lead	208-1	1192438	1179760	1166593	1179597	1.10	cps
Lithium	6-1	1830508	1830015	1811727	1824083	0.59	cps
Magnesium	24-2	8920372	8897756	8912005	8910044	0.13	cps
Manganese	55-2	9920834	9649971	9760957	9777254	1.39	cps
Molybdenum	94-1	17964	17197	17581	17581	2.18	cps
Molybdenum	95-1	1303	1287	1327	1306	1.54	cps
Molybdenum	96-1	7372	7649	7162	7394	3.30	cps
Molybdenum	97-1	737	567	670	658	13.02	cps
Molybdenum	98-1	1670	1527	1727	1641	6.28	cps
Neodymium	150-1	165384	161030	157360	161258	2.49	cps
Neodymium	150-2	100885	100065	99568	100173	0.66	cps
Nickel	60-2	80900	79694	79848	80147	0.82	cps
Phosphorus	31-2	29475	29695	29562	29577	0.38	cps
Potassium	39-2	4806619	4802448	4771311	4793459	0.40	cps
Rhodium	103-1	12889066	12621294	12363557	12624639	2.08	cps
Rhodium	103-2	7704852	7636268	7633163	7658094	0.53	cps
Scandium	45-1	7780489	7527536	7471172	7593065	2.17	cps
Scandium	45-2	711311	703827	700992	705377	0.76	cps
Selenium	82-1	807	716	726	750	6.68	cps
Selenium	77-2	293	277	303	291	4.63	cps
Selenium	78-2	737	730	750	739	1.38	cps
Silicon	28-1	7465840	8150905	7155271	7590672	6.71	cps
Silver	107-1	1000	987	1023	1003	1.85	cps
Silver	109-1	947	880	850	892	5.55	cps
Sodium	23-2	118777	117490	116808	117692	0.85	cps
Strontium	86-1	296493	292303	282038	290278	2.56	cps
Strontium	88-1	2641844	2631763	2520981	2598196	2.58	cps
Sulfur	34-1	205716	192889	186543	195049	5.01	cps
Terbium	159-1	17475472	17083052	16962391	17173638	1.56	cps
Terbium	159-2	12161825	12109194	11934173	12068397	0.99	cps
Thallium	203-1	3397	3294	3190	3294	3.14	cps
Thallium	205-1	7962	7719	7739	7807	1.73	cps
Tin	118-1	2107	2004	1900	2004	5.16	cps
Titanium	47-1	167118	163206	162986	164436	1.41	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:32:06	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27482	27893	27371	27582	1.00	cps
Vanadium	51-2	371308	367106	363855	367423	1.02	cps
Yttrium	89-1	17591553	17238012	16744925	17191497	2.47	cps
Yttrium	89-2	4955009	4934485	4854181	4914558	1.08	cps
Zinc	66-2	194668	193354	193713	193912	0.35	cps
Zirconium	90-1	46507	45802	44501	45603	2.23	cps
Zirconium	91-1	10230	10060	10147	10146	0.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:35:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11613825	11596994	11480627	11563815	0.63	cps
Antimony	121-1	207	190	230	209	9.62	cps
Arsenic	75-2	15683	15887	15565	15712	1.04	cps
Barium	135-1	1294195	1256956	1253370	1268174	1.78	cps
Barium	137-1	2301983	2283624	2301207	2295605	0.45	cps
Beryllium	9-1	2260	2160	2053	2158	4.79	cps
Bismuth	209-1	10281107	10049532	9981872	10104170	1.55	cps
Bismuth	209-2	8254310	8332230	8328962	8305167	0.53	cps
Bromine	81-1	17611	17250	16980	17280	1.83	cps
Bromine	81-2	577	517	547	547	5.49	cps
Cadmium	108-1	200	217	240	219	9.18	cps
Cadmium	106-1	4324	4431	4074	4276	4.28	cps
Cadmium	111-1	4694	4720	4547	4654	2.00	cps
Calcium	43-1	667711	666629	656894	663745	0.90	cps
Calcium	44-1	10434822	10487733	10205645	10376067	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	191689	189987	188347	190008	0.88	cps
Cobalt	59-2	349186	349567	347163	348639	0.37	cps
Copper	63-2	513932	512574	508409	511638	0.56	cps
Dysprosium	156-1	106624	106217	105200	106014	0.69	cps
Dysprosium	156-2	92056	91707	92149	91971	0.25	cps
Erbium	164-1	96658	96000	93624	95427	1.67	cps
Erbium	164-2	68936	68986	69947	69289	0.82	cps
Gadolinium	160-1	103579	102289	101323	102397	1.11	cps
Gadolinium	160-2	79025	76873	77154	77684	1.51	cps
Holmium	165-1	16923064	16590662	16192036	16568587	2.21	cps
Holmium	165-2	12021871	12146791	12063181	12077281	0.53	cps
Indium	115-1	13513272	13162792	13128681	13268248	1.60	cps
Indium	115-2	5101189	5066480	5014987	5060886	0.86	cps
Iron	56-2	343916075	340285095	341716608	341972593	0.53	cps
Iron	57-2	8458572	8451947	8472050	8460856	0.12	cps
Iron	54-2	18652431	18685808	18611340	18649860	0.20	cps
Krypton	83-1	387	390	407	394	2.72	cps

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:35:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	320422	317431	318952	318935	0.47	cps
Lead	207-1	275499	268983	267690	270724	1.55	cps
Lead	208-1	1251448	1233600	1235235	1240095	0.80	cps
Lithium	6-1	1855890	1810291	1838415	1834865	1.25	cps
Magnesium	24-2	9615397	9608148	9538060	9587202	0.45	cps
Manganese	55-2	10523153	10439979	10337026	10433386	0.89	cps
Molybdenum	94-1	17734	17931	17821	17829	0.55	cps
Molybdenum	95-1	1650	1643	1610	1635	1.31	cps
Molybdenum	96-1	8159	7665	7906	7910	3.12	cps
Molybdenum	97-1	883	970	923	926	4.69	cps
Molybdenum	98-1	2160	1983	2270	2138	6.77	cps
Neodymium	150-1	173092	172832	170809	172244	0.73	cps
Neodymium	150-2	107190	107660	106703	107184	0.45	cps
Nickel	60-2	88942	90323	87725	88996	1.46	cps
Phosphorus	31-2	34646	34048	34101	34265	0.97	cps
Potassium	39-2	5114027	5135365	5142208	5130534	0.29	cps
Rhodium	103-1	12534358	12296781	12132262	12321134	1.64	cps
Rhodium	103-2	7577721	7623425	7559754	7586967	0.43	cps
Scandium	45-1	7493314	7444405	7344471	7427397	1.02	cps
Scandium	45-2	697028	701708	697492	698743	0.37	cps
Selenium	82-1	713	674	649	679	4.79	cps
Selenium	77-2	307	303	290	300	2.94	cps
Selenium	78-2	750	790	753	764	2.90	cps
Silicon	28-1	6343499	6565050	6451475	6453341	1.72	cps
Silver	107-1	1173	1197	1067	1146	6.05	cps
Silver	109-1	1157	1033	1040	1077	6.44	cps
Sodium	23-2	122260	122093	121141	121831	0.50	cps
Strontium	86-1	310486	307084	301995	306521	1.39	cps
Strontium	88-1	2832039	2786629	2733302	2783990	1.78	cps
Sulfur	34-1	173600	173606	173556	173588	0.02	cps
Terbium	159-1	17392722	17161164	16700789	17084892	2.06	cps
Terbium	159-2	12115991	11837452	11880452	11944632	1.26	cps
Thallium	203-1	3350	3344	3290	3328	0.99	cps
Thallium	205-1	8516	8243	8206	8322	2.04	cps
Tin	118-1	2097	2147	2224	2156	2.97	cps
Titanium	47-1	316370	311432	308910	312237	1.22	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:35:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29693	29610	29623	29642	0.15	cps
Vanadium	51-2	424219	422524	422976	423240	0.21	cps
Yttrium	89-1	17317940	16955139	16853138	17042072	1.43	cps
Yttrium	89-2	4912151	4888579	4892165	4897632	0.26	cps
Zinc	66-2	208917	207730	206128	207592	0.67	cps
Zirconium	90-1	47323	45637	46045	46335	1.90	cps
Zirconium	91-1	10507	10487	10134	10376	2.03	cps

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:38:23	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2149846	2090336	2156124	2132102	1.70	cps
Antimony	121-1	97	93	73	88	14.38	cps
Arsenic	75-2	2789	2661	2691	2714	2.46	cps
Barium	135-1	232893	230313	231234	231480	0.56	cps
Barium	137-1	403623	402610	396916	401050	0.90	cps
Beryllium	9-1	423	493	427	448	8.82	cps
Bismuth	209-1	10029969	9847031	9855980	9910994	1.04	cps
Bismuth	209-2	8201302	8399910	8310918	8304043	1.20	cps
Bromine	81-1	17177	17350	16606	17044	2.28	cps
Bromine	81-2	217	193	253	221	13.68	cps
Cadmium	108-1	47	50	50	49	3.93	cps
Cadmium	106-1	3837	3901	3504	3747	5.69	cps
Cadmium	111-1	3070	3039	2784	2964	5.29	cps
Calcium	43-1	120077	120776	119039	119964	0.73	cps
Calcium	44-1	1918528	1889796	1891795	1900040	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34900	34386	35201	34829	1.18	cps
Cobalt	59-2	64280	63677	65515	64491	1.45	cps
Copper	63-2	93342	93070	94281	93564	0.68	cps
Dysprosium	156-1	19123	19270	18269	18887	2.86	cps
Dysprosium	156-2	16950	16997	16383	16777	2.04	cps
Erbium	164-1	16667	17014	16286	16656	2.18	cps
Erbium	164-2	12235	12749	12669	12551	2.20	cps
Gadolinium	160-1	18639	18793	17952	18461	2.43	cps
Gadolinium	160-2	14594	14835	14464	14631	1.28	cps
Holmium	165-1	16341947	16053639	15912896	16102827	1.36	cps
Holmium	165-2	11735431	11742789	11729464	11735894	0.06	cps
Indium	115-1	13210513	12945989	13015253	13057252	1.05	cps
Indium	115-2	5050778	5107958	5064492	5074410	0.59	cps
Iron	56-2	62938632	62364342	63012242	62771739	0.57	cps
Iron	57-2	1555868	1557145	1586247	1566420	1.10	cps
Iron	54-2	3476551	3419685	3388026	3428087	1.31	cps
Krypton	83-1	313	260	263	279	10.71	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:38:23	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	60243	58582	58207	59011	1.84	cps
Lead	207-1	50031	48874	49138	49348	1.23	cps
Lead	208-1	230638	227867	226943	228483	0.84	cps
Lithium	6-1	1790320	1721858	1764660	1758946	1.97	cps
Magnesium	24-2	1781402	1744216	1746761	1757460	1.18	cps
Manganese	55-2	1945147	1928225	1945841	1939738	0.51	cps
Molybdenum	94-1	3444	3514	3380	3446	1.94	cps
Molybdenum	95-1	380	363	333	359	6.59	cps
Molybdenum	96-1	1480	1620	1387	1496	7.85	cps
Molybdenum	97-1	147	187	213	182	18.41	cps
Molybdenum	98-1	480	503	463	482	4.17	cps
Neodymium	150-1	30810	31355	30413	30859	1.53	cps
Neodymium	150-2	19464	18996	19704	19388	1.86	cps
Nickel	60-2	16973	16185	16195	16451	2.75	cps
Phosphorus	31-2	5848	6001	5758	5869	2.10	cps
Potassium	39-2	1022640	1026101	1015505	1021415	0.53	cps
Rhodium	103-1	12320854	12289641	12284395	12298296	0.16	cps
Rhodium	103-2	7690254	7582861	7633251	7635455	0.70	cps
Scandium	45-1	7272005	7141577	7034608	7149396	1.66	cps
Scandium	45-2	680427	675642	682936	679668	0.55	cps
Selenium	82-1	513	593	542	549	7.40	cps
Selenium	77-2	50	43	47	47	7.15	cps
Selenium	78-2	563	520	630	571	9.70	cps
Silicon	28-1	1960444	1988028	2501550	2150007	14.17	cps
Silver	107-1	313	270	293	292	7.42	cps
Silver	109-1	230	200	237	222	8.79	cps
Sodium	23-2	41365	40690	40857	40971	0.86	cps
Strontium	86-1	56421	55538	54962	55640	1.32	cps
Strontium	88-1	490276	487391	481812	486493	0.88	cps
Sulfur	34-1	158115	159465	160189	159256	0.66	cps
Terbium	159-1	16753084	16740428	16443150	16645554	1.05	cps
Terbium	159-2	11676571	11858257	11634792	11723207	1.01	cps
Thallium	203-1	987	987	923	966	3.79	cps
Thallium	205-1	1920	2260	2100	2094	8.13	cps
Tin	118-1	1987	1707	2020	1905	9.04	cps
Titanium	47-1	31149	31099	31517	31255	0.73	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:38:23	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5515	5088	5294	5299	4.03	cps
Vanadium	51-2	71706	72008	71545	71753	0.33	cps
Yttrium	89-1	15652447	15606214	15353810	15537490	1.03	cps
Yttrium	89-2	4545552	4479643	4545356	4523517	0.84	cps
Zinc	66-2	38279	38125	39268	38557	1.61	cps
Zirconium	90-1	9016	9390	9553	9320	2.95	cps
Zirconium	91-1	2184	2040	1927	2050	6.28	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:41:32	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11263489	11199784	11151916	11205063	0.50	cps
Antimony	121-1	1049880	1036730	1021369	1035993	1.38	cps
Arsenic	75-2	45280	44690	43583	44518	1.93	cps
Barium	135-1	7132133	7003729	6894524	7010129	1.70	cps
Barium	137-1	12294892	12147326	11944374	12128864	1.45	cps
Beryllium	9-1	68641	67566	67918	68041	0.81	cps
Bismuth	209-1	9953360	9867011	9818831	9879734	0.69	cps
Bismuth	209-2	8366341	8284758	8219221	8290106	0.89	cps
Bromine	81-1	16840	16943	16980	16921	0.43	cps
Bromine	81-2	417	490	530	479	12.00	cps
Cadmium	108-1	8906	9286	9040	9077	2.13	cps
Cadmium	106-1	17043	16800	16409	16751	1.91	cps
Cadmium	111-1	144023	142586	141366	142658	0.93	cps
Calcium	43-1	616213	616825	605301	612780	1.06	cps
Calcium	44-1	9686033	9693003	9464718	9614585	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1109841	1117757	1105915	1111171	0.54	cps
Cobalt	59-2	4023130	4012236	3985314	4006893	0.49	cps
Copper	63-2	1748311	1723552	1697886	1723250	1.46	cps
Dysprosium	156-1	99237	98197	95317	97584	2.08	cps
Dysprosium	156-2	85759	84777	85253	85263	0.58	cps
Erbium	164-1	89789	86941	86049	87593	2.23	cps
Erbium	164-2	63095	63165	63868	63376	0.67	cps
Gadolinium	160-1	94482	94630	93784	94299	0.48	cps
Gadolinium	160-2	70030	71578	71833	71147	1.37	cps
Holmium	165-1	17042799	16492774	16116832	16550802	2.81	cps
Holmium	165-2	12180532	12069052	11947621	12065735	0.97	cps
Indium	115-1	13521206	13203406	12805904	13176839	2.72	cps
Indium	115-2	5083116	5073777	5097301	5084731	0.23	cps
Iron	56-2	320120155	318833049	317100589	318684597	0.48	cps
Iron	57-2	7933536	7849735	7864671	7882647	0.57	cps
Iron	54-2	17525696	17436380	17390695	17450923	0.39	cps
Krypton	83-1	377	283	383	348	16.08	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:41:32	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	464496	464403	458316	462405	0.77	cps
Lead	207-1	388282	385181	384722	386062	0.50	cps
Lead	208-1	1790454	1788204	1775030	1784563	0.47	cps
Lithium	6-1	1803402	1861290	1792474	1819055	2.03	cps
Magnesium	24-2	8853303	8847760	8770371	8823811	0.53	cps
Manganese	55-2	11649538	11610288	11497105	11585643	0.68	cps
Molybdenum	94-1	17474	16636	16800	16970	2.62	cps
Molybdenum	95-1	1233	1340	1330	1301	4.53	cps
Molybdenum	96-1	7475	7252	7305	7344	1.59	cps
Molybdenum	97-1	683	657	713	684	4.14	cps
Molybdenum	98-1	1687	1850	1690	1742	5.36	cps
Neodymium	150-1	160465	159454	155206	158375	1.76	cps
Neodymium	150-2	99327	98292	98692	98770	0.53	cps
Nickel	60-2	986407	983707	974981	981698	0.61	cps
Phosphorus	31-2	29395	29124	28780	29100	1.06	cps
Potassium	39-2	4749851	4764481	4759838	4758057	0.16	cps
Rhodium	103-1	12633364	12181616	12096488	12303823	2.35	cps
Rhodium	103-2	7542279	7547473	7588248	7559333	0.33	cps
Scandium	45-1	7502395	7406665	7202481	7370514	2.08	cps
Scandium	45-2	699092	696822	694583	696832	0.32	cps
Selenium	82-1	10305	10282	9980	10189	1.78	cps
Selenium	77-2	1243	1370	1357	1323	5.26	cps
Selenium	78-2	4344	4507	4664	4505	3.55	cps
Silicon	28-1	7183175	6861154	6683958	6909429	3.66	cps
Silver	107-1	719501	717918	710879	716099	0.64	cps
Silver	109-1	691321	686507	680539	686122	0.79	cps
Sodium	23-2	114763	115072	112890	114242	1.03	cps
Strontium	86-1	286345	286076	280386	284269	1.18	cps
Strontium	88-1	2612337	2550957	2527053	2563449	1.72	cps
Sulfur	34-1	171648	169882	168750	170094	0.86	cps
Terbium	159-1	17275347	16853972	16804851	16978057	1.52	cps
Terbium	159-2	11742065	11688062	11963315	11797814	1.24	cps
Thallium	203-1	492019	482460	482734	485738	1.12	cps
Thallium	205-1	1157547	1152676	1146785	1152336	0.47	cps
Tin	118-1	2120	1800	1787	1902	9.92	cps
Titanium	47-1	182423	180976	178247	180548	1.17	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:41:32	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28163	27268	27338	27590	1.80	cps
Vanadium	51-2	2486635	2497316	2457140	2480364	0.84	cps
Yttrium	89-1	17207608	16815464	16524783	16849285	2.03	cps
Yttrium	89-2	4908793	4858664	4922845	4896768	0.69	cps
Zinc	66-2	635652	637265	636910	636609	0.13	cps
Zirconium	90-1	44129	43855	43788	43924	0.41	cps
Zirconium	91-1	9900	9747	9773	9807	0.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:44:35	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12150496	12074155	11943803	12056151	0.87	cps
Antimony	121-1	4509826	4433155	4430058	4457680	1.01	cps
Arsenic	75-2	140976	139484	140720	140393	0.57	cps
Barium	135-1	24348085	23878320	23486163	23904189	1.81	cps
Barium	137-1	42019442	41273051	40717060	41336518	1.58	cps
Beryllium	9-1	268673	268759	263455	266963	1.14	cps
Bismuth	209-1	10410579	9901517	9853462	10055186	3.07	cps
Bismuth	209-2	8235766	8178512	8262364	8225547	0.52	cps
Bromine	81-1	16182	16483	17043	16569	2.64	cps
Bromine	81-2	537	420	470	476	12.31	cps
Cadmium	108-1	37873	37599	37716	37729	0.36	cps
Cadmium	106-1	56550	56439	55810	56266	0.71	cps
Cadmium	111-1	580883	573237	566654	573591	1.24	cps
Calcium	43-1	581428	582735	579349	581171	0.29	cps
Calcium	44-1	9203000	9146915	9102474	9150796	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3824943	3816588	3857288	3832940	0.56	cps
Cobalt	59-2	14777801	14699700	14715383	14730961	0.28	cps
Copper	63-2	5429667	5329078	5363107	5373951	0.95	cps
Dysprosium	156-1	96224	92972	92586	93927	2.13	cps
Dysprosium	156-2	81752	82447	82832	82344	0.66	cps
Erbium	164-1	84547	83253	83594	83798	0.80	cps
Erbium	164-2	60473	60403	61180	60685	0.71	cps
Gadolinium	160-1	90043	91489	88279	89937	1.79	cps
Gadolinium	160-2	68456	67866	69320	68547	1.07	cps
Holmium	165-1	17115485	16247795	16253590	16538957	3.02	cps
Holmium	165-2	11724183	11896704	11979646	11866844	1.10	cps
Indium	115-1	13754592	12949636	12796203	13166810	3.91	cps
Indium	115-2	4986821	4929075	4989010	4968302	0.68	cps
Iron	56-2	312673302	310388015	312707582	311922966	0.43	cps
Iron	57-2	7756888	7679957	7782266	7739703	0.69	cps
Iron	54-2	17152276	17122413	17225147	17166612	0.31	cps
Krypton	83-1	373	330	310	338	9.58	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:44:35	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	983864	978663	968897	977141	0.78	cps
Lead	207-1	805909	803831	789793	799844	1.10	cps
Lead	208-1	3892537	3900609	3819566	3870904	1.15	cps
Lithium	6-1	1928295	1806209	1790695	1841733	4.09	cps
Magnesium	24-2	8307759	8248628	8166230	8240873	0.86	cps
Manganese	55-2	16437239	16462327	16538691	16479419	0.32	cps
Molybdenum	94-1	16359	16316	16309	16328	0.17	cps
Molybdenum	95-1	1580	1527	1487	1531	3.06	cps
Molybdenum	96-1	7475	6982	7199	7219	3.43	cps
Molybdenum	97-1	817	713	703	744	8.43	cps
Molybdenum	98-1	2294	2277	2484	2351	4.88	cps
Neodymium	150-1	153519	152434	151494	152482	0.66	cps
Neodymium	150-2	94138	93712	93806	93885	0.24	cps
Nickel	60-2	3737453	3755837	3805089	3766126	0.93	cps
Phosphorus	31-2	27952	27455	27261	27556	1.29	cps
Potassium	39-2	4467858	4420699	4395244	4427934	0.83	cps
Rhodium	103-1	12715861	12174317	11875894	12255358	3.47	cps
Rhodium	103-2	7365058	7314844	7451186	7377029	0.93	cps
Scandium	45-1	7618627	7272271	7157370	7349423	3.27	cps
Scandium	45-2	676262	666356	670196	670938	0.74	cps
Selenium	82-1	81576	82125	81032	81578	0.67	cps
Selenium	77-2	9363	9553	9903	9607	2.85	cps
Selenium	78-2	31650	31273	31954	31626	1.08	cps
Silicon	28-1	6482072	7008166	6123747	6537995	6.80	cps
Silver	107-1	2879570	2830725	2814695	2841663	1.19	cps
Silver	109-1	2717373	2674333	2670656	2687454	0.97	cps
Sodium	23-2	109254	110479	110900	110211	0.78	cps
Strontium	86-1	273842	269983	269600	271142	0.87	cps
Strontium	88-1	2434841	2461178	2411742	2435920	1.02	cps
Sulfur	34-1	161991	157576	157697	159088	1.58	cps
Terbium	159-1	17670265	16682444	16600783	16984497	3.50	cps
Terbium	159-2	11861750	11668685	11895605	11808680	1.04	cps
Thallium	203-1	2197033	2185269	2177064	2186456	0.46	cps
Thallium	205-1	5208051	5175193	5209203	5197483	0.37	cps
Tin	118-1	2477	2814	2257	2516	11.15	cps
Titanium	47-1	169650	172517	164921	169029	2.27	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:44:35	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26453	26493	26560	26502	0.20	cps
Vanadium	51-2	8353296	8296006	8305237	8318180	0.37	cps
Yttrium	89-1	17367971	16581986	16264374	16738111	3.39	cps
Yttrium	89-2	4688048	4712207	4752652	4717636	0.69	cps
Zinc	66-2	2021838	1974000	1996508	1997449	1.20	cps
Zirconium	90-1	42575	42742	41662	42326	1.37	cps
Zirconium	91-1	9780	9720	9513	9671	1.45	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:47:28	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10119617	10105536	10053162	10092772	0.35	cps
Antimony	121-1	2060	1660	1660	1793	12.88	cps
Arsenic	75-2	19491	19454	20133	19693	1.94	cps
Barium	135-1	1504211	1490847	1467158	1487405	1.26	cps
Barium	137-1	2721004	2694067	2666853	2693974	1.01	cps
Beryllium	9-1	2624	2630	2357	2537	6.15	cps
Bismuth	209-1	10083185	9818332	9616247	9839254	2.38	cps
Bismuth	209-2	8297786	8154183	8122611	8191527	1.14	cps
Bromine	81-1	16957	17747	17337	17347	2.28	cps
Bromine	81-2	633	690	650	658	4.43	cps
Cadmium	108-1	300	350	280	310	11.63	cps
Cadmium	106-1	4914	4864	5008	4929	1.48	cps
Cadmium	111-1	4870	4893	5083	4949	2.36	cps
Calcium	43-1	732279	740949	725705	732978	1.04	cps
Calcium	44-1	11503859	11510396	11438547	11484267	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	222382	219738	218466	220195	0.91	cps
Cobalt	59-2	231244	229220	230030	230165	0.44	cps
Copper	63-2	409433	408471	403429	407111	0.79	cps
Dysprosium	156-1	121752	120881	119143	120592	1.10	cps
Dysprosium	156-2	106365	107450	106816	106877	0.51	cps
Erbium	164-1	102213	101609	99091	100971	1.64	cps
Erbium	164-2	73508	71957	72463	72643	1.09	cps
Gadolinium	160-1	117272	116146	113663	115694	1.60	cps
Gadolinium	160-2	87940	88239	85878	87352	1.47	cps
Holmium	165-1	16712131	16202425	16053600	16322719	2.12	cps
Holmium	165-2	11831108	11782383	11732342	11781944	0.42	cps
Indium	115-1	13213800	13004130	12683471	12967134	2.06	cps
Indium	115-2	4985939	5006480	4932356	4974925	0.77	cps
Iron	56-2	246676883	245014930	242566710	244752841	0.84	cps
Iron	57-2	6060334	5997051	5981763	6013049	0.69	cps
Iron	54-2	13379666	13375543	13153662	13302957	0.97	cps
Krypton	83-1	353	387	443	394	11.54	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:47:28	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	401651	396347	389431	395809	1.55	cps
Lead	207-1	342801	340538	334937	339425	1.19	cps
Lead	208-1	1566244	1554106	1530693	1550348	1.17	cps
Lithium	6-1	1833722	1836358	1760717	1810266	2.37	cps
Magnesium	24-2	8085849	8030400	7900335	8005528	1.19	cps
Manganese	55-2	7057233	7081223	7023602	7054019	0.41	cps
Molybdenum	94-1	89095	87187	87422	87902	1.18	cps
Molybdenum	95-1	1860	1973	1840	1891	3.80	cps
Molybdenum	96-1	19216	19126	19306	19216	0.47	cps
Molybdenum	97-1	1237	1127	1173	1179	4.68	cps
Molybdenum	98-1	3054	2794	2940	2929	4.45	cps
Neodymium	150-1	212719	211163	207737	210540	1.21	cps
Neodymium	150-2	131500	129935	129864	130433	0.71	cps
Nickel	60-2	91933	93335	91842	92370	0.91	cps
Phosphorus	31-2	49861	48757	48440	49019	1.52	cps
Potassium	39-2	4787750	4837082	4778005	4800946	0.66	cps
Rhodium	103-1	12334591	12026027	11867789	12076136	1.97	cps
Rhodium	103-2	7372742	7405973	7360847	7379854	0.32	cps
Scandium	45-1	7382197	7250297	7175434	7269309	1.44	cps
Scandium	45-2	684482	686940	673101	681508	1.08	cps
Selenium	82-1	784	692	560	679	16.65	cps
Selenium	77-2	363	350	310	341	8.14	cps
Selenium	78-2	817	747	760	774	4.80	cps
Silicon	28-1	15819804	16431129	17864720	16705218	6.28	cps
Silver	107-1	3070	3030	2950	3017	2.03	cps
Silver	109-1	2774	2877	2554	2735	6.04	cps
Sodium	23-2	112322	110379	109314	110672	1.38	cps
Strontium	86-1	392172	387020	381405	386866	1.39	cps
Strontium	88-1	3553935	3495943	3409284	3486387	2.09	cps
Sulfur	34-1	188375	189904	192000	190093	0.96	cps
Terbium	159-1	17209440	16641905	16444802	16765382	2.37	cps
Terbium	159-2	11733766	11646659	11650208	11676878	0.42	cps
Thallium	203-1	3314	3440	3317	3357	2.15	cps
Thallium	205-1	8393	7999	7939	8110	3.04	cps
Tin	118-1	2940	2480	2544	2655	9.39	cps
Titanium	47-1	125407	123502	120895	123268	1.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:47:28	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30919	30859	30418	30732	0.89	cps
Vanadium	51-2	358631	357560	354253	356815	0.64	cps
Yttrium	89-1	17226535	16503231	16434307	16721358	2.62	cps
Yttrium	89-2	4892198	4842069	4810851	4848372	0.85	cps
Zinc	66-2	233863	232904	230755	232507	0.68	cps
Zirconium	90-1	236667	237401	233559	235876	0.86	cps
Zirconium	91-1	53256	52657	52527	52813	0.74	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:50:37	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11159174	11089341	11098166	11115561	0.34	cps
Antimony	121-1	780	787	753	773	2.28	cps
Arsenic	75-2	21804	21584	21596	21661	0.57	cps
Barium	135-1	1681905	1639525	1635104	1652178	1.56	cps
Barium	137-1	2921376	2981165	2839919	2914153	2.43	cps
Beryllium	9-1	2650	2620	2594	2621	1.08	cps
Bismuth	209-1	10109908	9746988	9584280	9813725	2.74	cps
Bismuth	209-2	8181301	8214517	8156722	8184180	0.35	cps
Bromine	81-1	16873	17070	16973	16972	0.58	cps
Bromine	81-2	773	683	767	741	6.77	cps
Cadmium	108-1	367	327	343	346	5.82	cps
Cadmium	106-1	5068	4911	4324	4767	8.22	cps
Cadmium	111-1	4947	5036	4530	4838	5.58	cps
Calcium	43-1	790626	779307	765042	778325	1.65	cps
Calcium	44-1	12218594	12415203	12060915	12231570	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243834	242079	240988	242300	0.59	cps
Cobalt	59-2	254245	254310	254060	254205	0.05	cps
Copper	63-2	442153	440522	436665	439780	0.64	cps
Dysprosium	156-1	129372	129359	127963	128898	0.63	cps
Dysprosium	156-2	115190	116663	116626	116160	0.72	cps
Erbium	164-1	110371	108484	107893	108916	1.19	cps
Erbium	164-2	79709	79149	79987	79615	0.54	cps
Gadolinium	160-1	126965	127063	123249	125759	1.73	cps
Gadolinium	160-2	94717	96368	95308	95464	0.88	cps
Holmium	165-1	17052063	16347361	15710219	16369881	4.10	cps
Holmium	165-2	11710458	11836884	11705349	11750897	0.63	cps
Indium	115-1	13449672	13060816	12635796	13048761	3.12	cps
Indium	115-2	4944619	5030351	4964708	4979893	0.90	cps
Iron	56-2	267937323	266058576	266566643	266854180	0.36	cps
Iron	57-2	6644422	6616483	6552234	6604379	0.72	cps
Iron	54-2	14686478	14526879	14646605	14619987	0.57	cps
Krypton	83-1	423	340	393	386	10.95	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:50:37	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	426759	419170	410497	418809	1.94	cps
Lead	207-1	363797	361915	358269	361327	0.78	cps
Lead	208-1	1659126	1648309	1625357	1644264	1.05	cps
Lithium	6-1	1860915	1771303	1741893	1791370	3.46	cps
Magnesium	24-2	8791817	8767027	8765739	8774861	0.17	cps
Manganese	55-2	7445659	7422939	7446960	7438519	0.18	cps
Molybdenum	94-1	96646	95475	94244	95455	1.26	cps
Molybdenum	95-1	2384	2650	2567	2534	5.39	cps
Molybdenum	96-1	21049	21225	20648	20974	1.41	cps
Molybdenum	97-1	1523	1470	1493	1496	1.79	cps
Molybdenum	98-1	3837	3754	3787	3793	1.11	cps
Neodymium	150-1	230597	230519	227293	229470	0.82	cps
Neodymium	150-2	143121	142451	143017	142863	0.25	cps
Nickel	60-2	100000	102007	101010	101006	0.99	cps
Phosphorus	31-2	54139	54450	54671	54420	0.49	cps
Potassium	39-2	5252654	5248916	5262737	5254769	0.14	cps
Rhodium	103-1	12578344	12040133	11990867	12203115	2.67	cps
Rhodium	103-2	7291456	7447975	7367426	7368952	1.06	cps
Scandium	45-1	7583494	7313416	7184277	7360396	2.77	cps
Scandium	45-2	681030	686627	684330	683996	0.41	cps
Selenium	82-1	772	826	565	721	19.12	cps
Selenium	77-2	407	347	340	364	10.07	cps
Selenium	78-2	930	847	837	871	5.88	cps
Silicon	28-1	16463806	15950125	16271293	16228408	1.60	cps
Silver	107-1	2697	2520	2517	2578	3.99	cps
Silver	109-1	2440	2447	2300	2396	3.46	cps
Sodium	23-2	119848	118679	120170	119566	0.66	cps
Strontium	86-1	423563	418869	419290	420574	0.62	cps
Strontium	88-1	3810005	3767497	3741462	3772988	0.92	cps
Sulfur	34-1	190774	196539	193414	193576	1.49	cps
Terbium	159-1	17299475	16770114	16174470	16748020	3.36	cps
Terbium	159-2	11489552	11691349	11652011	11610971	0.92	cps
Thallium	203-1	3300	3330	3367	3333	1.00	cps
Thallium	205-1	8273	8092	7892	8086	2.35	cps
Tin	118-1	3124	3114	2967	3068	2.86	cps
Titanium	47-1	175424	186995	176243	179554	3.60	cps

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:50:37	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32453	32503	32065	32340	0.74	cps
Vanadium	51-2	383937	385091	382030	383686	0.40	cps
Yttrium	89-1	17522922	16681526	16556083	16920177	3.11	cps
Yttrium	89-2	4795657	4858534	4841971	4832054	0.67	cps
Zinc	66-2	256098	254688	253398	254728	0.53	cps
Zirconium	90-1	255860	256300	252652	254937	0.78	cps
Zirconium	91-1	57736	57110	57151	57332	0.61	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:53:43	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2047357	2033562	2043653	2041524	0.35	cps
Antimony	121-1	237	237	233	236	0.82	cps
Arsenic	75-2	4060	4150	4058	4089	1.28	cps
Barium	135-1	294683	289764	292098	292182	0.84	cps
Barium	137-1	509242	505292	503836	506123	0.55	cps
Beryllium	9-1	543	483	517	514	5.84	cps
Bismuth	209-1	9825637	9615227	9665842	9702235	1.13	cps
Bismuth	209-2	8117429	8021756	8078761	8072649	0.60	cps
Bromine	81-1	16056	16306	16146	16169	0.78	cps
Bromine	81-2	277	313	287	292	6.49	cps
Cadmium	108-1	83	87	77	82	6.19	cps
Cadmium	106-1	3824	3954	3727	3835	2.97	cps
Cadmium	111-1	2918	3114	2865	2966	4.41	cps
Calcium	43-1	146220	145930	142852	145001	1.29	cps
Calcium	44-1	2271478	2287445	2288242	2282388	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45973	44940	45318	45410	1.15	cps
Cobalt	59-2	46552	46378	47097	46676	0.80	cps
Copper	63-2	84262	83618	83169	83683	0.66	cps
Dysprosium	156-1	23733	23359	22735	23276	2.17	cps
Dysprosium	156-2	20502	20705	20775	20661	0.69	cps
Erbium	164-1	19494	19530	19601	19542	0.28	cps
Erbium	164-2	14468	13894	14104	14155	2.05	cps
Gadolinium	160-1	22662	22431	22278	22457	0.86	cps
Gadolinium	160-2	17371	17528	17164	17354	1.05	cps
Holmium	165-1	15853382	15676934	15569286	15699867	0.91	cps
Holmium	165-2	11669949	11385148	11372757	11475951	1.46	cps
Indium	115-1	12998720	12923371	12659237	12860442	1.39	cps
Indium	115-2	4971254	4970104	4914308	4951889	0.66	cps
Iron	56-2	49618751	49141911	49081066	49280576	0.60	cps
Iron	57-2	1242381	1231699	1231504	1235195	0.50	cps
Iron	54-2	2712356	2689202	2671570	2691043	0.76	cps
Krypton	83-1	287	297	237	273	11.76	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:53:43	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	79162	78122	77559	78281	1.04	cps
Lead	207-1	66944	67074	64924	66314	1.82	cps
Lead	208-1	306857	307466	302169	305497	0.95	cps
Lithium	6-1	1740843	1696187	1679409	1705479	1.86	cps
Magnesium	24-2	1604425	1620760	1589939	1605041	0.96	cps
Manganese	55-2	1433444	1413082	1423810	1423445	0.72	cps
Molybdenum	94-1	17741	17868	18078	17895	0.95	cps
Molybdenum	95-1	527	500	487	504	4.04	cps
Molybdenum	96-1	3794	3831	3947	3857	2.08	cps
Molybdenum	97-1	333	253	270	286	14.78	cps
Molybdenum	98-1	733	750	800	761	4.56	cps
Neodymium	150-1	41167	41016	41427	41203	0.50	cps
Neodymium	150-2	26391	26011	26178	26193	0.73	cps
Nickel	60-2	18849	19136	19539	19175	1.81	cps
Phosphorus	31-2	10027	10253	9536	9939	3.69	cps
Potassium	39-2	1044505	1041247	1038129	1041294	0.31	cps
Rhodium	103-1	12093680	11967427	12015570	12025559	0.53	cps
Rhodium	103-2	7508084	7304247	7391340	7401224	1.38	cps
Scandium	45-1	6949066	6868387	6870377	6895944	0.67	cps
Scandium	45-2	670525	662450	661565	664847	0.74	cps
Selenium	82-1	530	462	500	497	6.85	cps
Selenium	77-2	90	63	67	73	19.81	cps
Selenium	78-2	577	643	563	594	7.21	cps
Silicon	28-1	3869480	3717775	3757997	3781751	2.08	cps
Silver	107-1	610	590	587	596	2.12	cps
Silver	109-1	547	460	547	518	9.66	cps
Sodium	23-2	39063	39133	38568	38921	0.79	cps
Strontium	86-1	76624	77921	76048	76865	1.25	cps
Strontium	88-1	676586	675190	662298	671358	1.17	cps
Sulfur	34-1	153902	154946	154845	154564	0.37	cps
Terbium	159-1	16329399	16020029	15955192	16101540	1.24	cps
Terbium	159-2	11412623	11392719	11398334	11401225	0.09	cps
Thallium	203-1	860	800	877	846	4.77	cps
Thallium	205-1	1847	1947	1984	1926	3.67	cps
Tin	118-1	1733	1750	1807	1763	2.18	cps
Titanium	47-1	26046	24633	23755	24811	4.66	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 15:53:43	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5928	5935	5705	5856	2.24	cps
Vanadium	51-2	71170	71297	70885	71118	0.30	cps
Yttrium	89-1	15508304	15213124	15217917	15313115	1.10	cps
Yttrium	89-2	4505710	4462330	4465395	4477812	0.54	cps
Zinc	66-2	46867	46623	46913	46801	0.33	cps
Zirconium	90-1	47687	47460	46366	47171	1.50	cps
Zirconium	91-1	10340	10731	10494	10522	1.87	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:56:56	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10569407	10570904	10492669	10544327	0.42	cps
Antimony	121-1	1049409	1045571	1038504	1044495	0.53	cps
Arsenic	75-2	50375	50018	49361	49918	1.03	cps
Barium	135-1	6610485	6482836	6398947	6497423	1.64	cps
Barium	137-1	11513635	11390888	11218651	11374391	1.30	cps
Beryllium	9-1	59038	59252	58024	58772	1.12	cps
Bismuth	209-1	9877188	9716020	9730859	9774689	0.91	cps
Bismuth	209-2	8336642	8110478	8276287	8241136	1.42	cps
Bromine	81-1	16987	16513	16850	16783	1.45	cps
Bromine	81-2	817	730	623	723	13.39	cps
Cadmium	108-1	9573	9520	8919	9338	3.89	cps
Cadmium	106-1	17437	17187	17190	17271	0.83	cps
Cadmium	111-1	142893	144158	142107	143053	0.72	cps
Calcium	43-1	733745	717902	710786	720811	1.63	cps
Calcium	44-1	11514772	11345274	11122717	11327588	1.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1031221	1032414	1026965	1030200	0.28	cps
Cobalt	59-2	3430516	3493000	3440275	3454597	0.97	cps
Copper	63-2	1459540	1448900	1451010	1453150	0.39	cps
Dysprosium	156-1	119089	119042	117405	118512	0.81	cps
Dysprosium	156-2	105751	106325	105321	105799	0.48	cps
Erbium	164-1	100327	100817	99712	100285	0.55	cps
Erbium	164-2	73240	72942	73096	73093	0.20	cps
Gadolinium	160-1	114594	115491	114375	114820	0.52	cps
Gadolinium	160-2	88034	87471	87595	87700	0.34	cps
Holmium	165-1	16417399	16300466	16118700	16278855	0.92	cps
Holmium	165-2	11818583	11837570	11887877	11848010	0.30	cps
Indium	115-1	13287513	13040742	12927132	13085129	1.41	cps
Indium	115-2	5020247	5032741	5017380	5023456	0.16	cps
Iron	56-2	244003570	243272316	243715570	243663819	0.15	cps
Iron	57-2	6135716	6126454	6060518	6107563	0.67	cps
Iron	54-2	13402196	13498190	13347369	13415918	0.57	cps
Krypton	83-1	410	390	307	369	14.86	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:56:56	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	556670	555637	552058	554788	0.44	cps
Lead	207-1	470297	476318	470081	472232	0.75	cps
Lead	208-1	2169249	2161587	2146783	2159206	0.53	cps
Lithium	6-1	1759153	1751225	1741089	1750489	0.52	cps
Magnesium	24-2	7965127	7941782	7953467	7953459	0.15	cps
Manganese	55-2	8535472	8535054	8451231	8507253	0.57	cps
Molybdenum	94-1	87469	87060	86882	87137	0.35	cps
Molybdenum	95-1	2003	2080	1963	2016	2.94	cps
Molybdenum	96-1	19340	18932	19229	19167	1.10	cps
Molybdenum	97-1	1260	1097	1227	1195	7.23	cps
Molybdenum	98-1	3260	3124	3087	3157	2.89	cps
Neodymium	150-1	210451	211404	210217	210691	0.30	cps
Neodymium	150-2	132135	131604	132472	132070	0.33	cps
Nickel	60-2	880070	872599	874782	875817	0.44	cps
Phosphorus	31-2	48614	48961	48951	48842	0.41	cps
Potassium	39-2	4772742	4780354	4739350	4764148	0.46	cps
Rhodium	103-1	12253972	12074294	11864122	12064129	1.62	cps
Rhodium	103-2	7400042	7404621	7393638	7399434	0.07	cps
Scandium	45-1	7395356	7104187	6992762	7164101	2.90	cps
Scandium	45-2	677916	682323	683655	681298	0.44	cps
Selenium	82-1	13825	13382	13489	13565	1.71	cps
Selenium	77-2	1813	1853	1793	1820	1.68	cps
Selenium	78-2	5718	5975	6025	5906	2.79	cps
Silicon	28-1	15536073	15686271	15460294	15560879	0.74	cps
Silver	107-1	650254	656620	647091	651321	0.75	cps
Silver	109-1	619654	623227	613251	618710	0.82	cps
Sodium	23-2	122113	120544	121306	121321	0.65	cps
Strontium	86-1	392014	384514	380639	385722	1.50	cps
Strontium	88-1	3494165	3435889	3433423	3454492	1.00	cps
Sulfur	34-1	183416	185019	183760	184065	0.46	cps
Terbium	159-1	16889780	16867924	16440859	16732854	1.51	cps
Terbium	159-2	11856098	11731043	11710989	11766044	0.67	cps
Thallium	203-1	495022	493022	489996	492680	0.51	cps
Thallium	205-1	1179484	1158947	1156049	1164827	1.10	cps
Tin	118-1	2794	2887	2704	2795	3.28	cps
Titanium	47-1	131130	128597	130069	129932	0.98	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:56:56	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30138	30121	30288	30182	0.30	cps
Vanadium	51-2	2153023	2169990	2158327	2160447	0.40	cps
Yttrium	89-1	16989211	16515018	16703453	16735894	1.43	cps
Yttrium	89-2	4814828	4798918	4880313	4831353	0.89	cps
Zinc	66-2	624327	621466	625092	623629	0.31	cps
Zirconium	90-1	234953	235034	232604	234197	0.59	cps
Zirconium	91-1	53457	52948	52594	53000	0.82	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:59:57	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11550120	11529829	11558386	11546112	0.13	cps
Antimony	121-1	4455324	4352130	4342895	4383450	1.42	cps
Arsenic	75-2	141125	139941	141968	141011	0.72	cps
Barium	135-1	23000351	22882744	22610294	22831130	0.88	cps
Barium	137-1	39939651	39191594	38899653	39343632	1.36	cps
Beryllium	9-1	250167	245621	245092	246960	1.13	cps
Bismuth	209-1	9973443	10025910	9754230	9917861	1.45	cps
Bismuth	209-2	8243737	8236224	8317308	8265756	0.54	cps
Bromine	81-1	16840	16609	16876	16775	0.86	cps
Bromine	81-2	703	647	573	641	10.17	cps
Cadmium	108-1	36663	36970	36078	36570	1.24	cps
Cadmium	106-1	55609	54940	54187	54912	1.30	cps
Cadmium	111-1	567476	566225	558760	564153	0.84	cps
Calcium	43-1	703109	704219	694113	700480	0.79	cps
Calcium	44-1	11139993	11047559	10893526	11027026	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3680878	3677367	3625299	3661181	0.85	cps
Cobalt	59-2	13490546	13503168	13555761	13516492	0.26	cps
Copper	63-2	4957407	4969098	4941638	4956048	0.28	cps
Dysprosium	156-1	117015	116431	114391	115946	1.19	cps
Dysprosium	156-2	103673	104458	102769	103633	0.82	cps
Erbium	164-1	99618	98852	95681	98051	2.13	cps
Erbium	164-2	71224	71766	70879	71289	0.63	cps
Gadolinium	160-1	114523	111583	111483	112530	1.53	cps
Gadolinium	160-2	85700	85136	84620	85152	0.63	cps
Holmium	165-1	16423346	16431562	16116241	16323717	1.10	cps
Holmium	165-2	11948536	11793248	11799635	11847140	0.74	cps
Indium	115-1	13154326	13032794	12768863	12985328	1.52	cps
Indium	115-2	5000275	4969356	4913470	4961034	0.89	cps
Iron	56-2	249281410	248615916	244382823	247426716	1.07	cps
Iron	57-2	6155113	6113574	6133355	6134014	0.34	cps
Iron	54-2	13780331	13729489	13597105	13702308	0.69	cps
Krypton	83-1	370	420	337	376	11.17	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:59:57	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1071202	1055797	1052073	1059691	0.96	cps
Lead	207-1	888036	875453	871075	878188	1.00	cps
Lead	208-1	4244590	4226335	4172285	4214403	0.89	cps
Lithium	6-1	1844940	1788456	1758778	1797391	2.44	cps
Magnesium	24-2	7589429	7543623	7576793	7569948	0.31	cps
Manganese	55-2	13598587	13480065	13398222	13492291	0.75	cps
Molybdenum	94-1	86574	84599	89545	86906	2.86	cps
Molybdenum	95-1	2204	2254	2210	2222	1.22	cps
Molybdenum	96-1	18966	18529	18535	18676	1.34	cps
Molybdenum	97-1	1327	1387	1267	1327	4.52	cps
Molybdenum	98-1	3817	3751	3711	3759	1.43	cps
Neodymium	150-1	209043	206849	202538	206143	1.61	cps
Neodymium	150-2	128395	127392	126521	127436	0.74	cps
Nickel	60-2	3474782	3508171	3472810	3485254	0.57	cps
Phosphorus	31-2	46561	46260	46240	46353	0.39	cps
Potassium	39-2	4546788	4468303	4497889	4504327	0.88	cps
Rhodium	103-1	12321555	12106453	11848594	12092201	1.96	cps
Rhodium	103-2	7276139	7238628	7300229	7271665	0.43	cps
Scandium	45-1	7294091	7154988	7048551	7165877	1.72	cps
Scandium	45-2	664837	667782	667031	666550	0.23	cps
Selenium	82-1	78049	77422	76797	77423	0.81	cps
Selenium	77-2	9253	9200	9236	9230	0.30	cps
Selenium	78-2	29820	31083	30121	30341	2.17	cps
Silicon	28-1	15267700	15272619	15249075	15263131	0.08	cps
Silver	107-1	2690769	2656774	2627976	2658506	1.18	cps
Silver	109-1	2564673	2509769	2515368	2529937	1.19	cps
Sodium	23-2	105414	106146	103337	104966	1.39	cps
Strontium	86-1	378637	370915	367495	372349	1.53	cps
Strontium	88-1	3423140	3336816	3292647	3350868	1.98	cps
Sulfur	34-1	176017	177916	173226	175720	1.34	cps
Terbium	159-1	16994142	16644440	16627653	16755412	1.23	cps
Terbium	159-2	11743756	11609331	11738516	11697201	0.65	cps
Thallium	203-1	2134115	2132208	2119928	2128750	0.36	cps
Thallium	205-1	5156376	5136448	5013651	5102158	1.51	cps
Tin	118-1	2744	2734	2734	2737	0.21	cps
Titanium	47-1	125038	125743	123214	124665	1.05	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 15:59:57	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29820	29650	29807	29759	0.32	cps
Vanadium	51-2	7836769	7730981	7771069	7779606	0.69	cps
Yttrium	89-1	16906820	16574080	16304396	16595099	1.82	cps
Yttrium	89-2	4848606	4709517	4805324	4787816	1.49	cps
Zinc	66-2	1907767	1884867	1920763	1904466	0.95	cps
Zirconium	90-1	227071	225861	224486	225806	0.57	cps
Zirconium	91-1	52062	51329	49955	51115	2.09	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:02:54	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11536161	11535876	11495172	11522403	0.20	cps
Antimony	121-1	10427	10447	10471	10448	0.21	cps
Arsenic	75-2	44968	45008	44607	44861	0.49	cps
Barium	135-1	1093008	1086332	1077357	1085566	0.72	cps
Barium	137-1	2006251	1946235	1960290	1970926	1.59	cps
Beryllium	9-1	2017	2017	2180	2071	4.55	cps
Bismuth	209-1	9680785	9542323	9530210	9584439	0.87	cps
Bismuth	209-2	7992099	8044421	8116326	8050949	0.77	cps
Bromine	81-1	17023	16983	16322	16776	2.35	cps
Bromine	81-2	540	603	610	584	6.61	cps
Cadmium	108-1	563	520	423	502	14.27	cps
Cadmium	106-1	4968	4918	4761	4882	2.21	cps
Cadmium	111-1	5873	6145	5913	5977	2.46	cps
Calcium	43-1	785975	777482	775328	779595	0.72	cps
Calcium	44-1	12573516	12265250	12146974	12328580	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522653	520829	523063	522182	0.23	cps
Cobalt	59-2	429719	426391	426516	427542	0.44	cps
Copper	63-2	920236	919389	916247	918624	0.23	cps
Dysprosium	156-1	100912	100634	99516	100354	0.74	cps
Dysprosium	156-2	88017	89251	88282	88517	0.73	cps
Erbium	164-1	86277	87991	87119	87129	0.98	cps
Erbium	164-2	64829	63979	65107	64638	0.91	cps
Gadolinium	160-1	96029	95929	96080	96013	0.08	cps
Gadolinium	160-2	74218	73508	73066	73598	0.79	cps
Holmium	165-1	16079469	15737555	15761593	15859539	1.20	cps
Holmium	165-2	11513518	11636646	11548632	11566265	0.55	cps
Indium	115-1	12784426	12585121	12549960	12639836	1.00	cps
Indium	115-2	4860039	4902132	4872256	4878142	0.44	cps
Iron	56-2	523376379	526300205	519355326	523010637	0.67	cps
Iron	57-2	12907808	12843452	12965878	12905713	0.47	cps
Iron	54-2	28579430	28497202	28145585	28407406	0.81	cps
Krypton	83-1	383	390	343	372	6.78	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:02:54	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	492968	490570	489532	491023	0.36	cps
Lead	207-1	430185	426716	427016	427972	0.45	cps
Lead	208-1	1946989	1932953	1926509	1935483	0.54	cps
Lithium	6-1	1766214	1759292	1740607	1755371	0.75	cps
Magnesium	24-2	9876294	9927852	9873067	9892404	0.31	cps
Manganese	55-2	8239243	8318702	8146969	8234971	1.04	cps
Molybdenum	94-1	131030	130384	130522	130645	0.26	cps
Molybdenum	95-1	7622	7619	7449	7563	1.31	cps
Molybdenum	96-1	34815	34180	34040	34345	1.20	cps
Molybdenum	97-1	4814	4874	4674	4787	2.14	cps
Molybdenum	98-1	12205	11445	11958	11869	3.27	cps
Neodymium	150-1	172886	170548	170727	171387	0.76	cps
Neodymium	150-2	106706	105518	106569	106264	0.61	cps
Nickel	60-2	160211	161091	159723	160342	0.43	cps
Phosphorus	31-2	38635	38325	38492	38484	0.40	cps
Potassium	39-2	5176963	5236971	5199665	5204533	0.58	cps
Rhodium	103-1	11804329	11767291	11491185	11687602	1.46	cps
Rhodium	103-2	7221276	7217802	7203503	7214194	0.13	cps
Scandium	45-1	7290265	7106009	7016627	7137634	1.95	cps
Scandium	45-2	671895	678762	673144	674600	0.54	cps
Selenium	82-1	805	812	803	807	0.57	cps
Selenium	77-2	317	290	307	304	4.42	cps
Selenium	78-2	747	830	790	789	5.28	cps
Silicon	28-1	18423784	18464153	18155278	18347738	0.92	cps
Silver	107-1	6308	6055	5878	6080	3.56	cps
Silver	109-1	5768	5594	5498	5620	2.44	cps
Sodium	23-2	244068	244596	245093	244586	0.21	cps
Strontium	86-1	361656	357987	359038	359560	0.53	cps
Strontium	88-1	3235512	3243379	3278170	3252354	0.70	cps
Sulfur	34-1	174914	176885	177231	176343	0.71	cps
Terbium	159-1	16486318	16455017	16313946	16418427	0.56	cps
Terbium	159-2	11497889	11404680	11450421	11450997	0.41	cps
Thallium	203-1	4147	4157	4194	4166	0.59	cps
Thallium	205-1	9784	9724	9800	9769	0.41	cps
Tin	118-1	12269	13282	12045	12532	5.26	cps
Titanium	47-1	1816334	1804975	1837009	1819439	0.89	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:02:54	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45872	45952	46561	46128	0.82	cps
Vanadium	51-2	1166950	1169074	1170422	1168815	0.15	cps
Yttrium	89-1	16181023	15862726	15927103	15990284	1.05	cps
Yttrium	89-2	4731052	4694438	4694275	4706588	0.45	cps
Zinc	66-2	331293	330282	330526	330700	0.16	cps
Zirconium	90-1	343147	341889	341799	342279	0.22	cps
Zirconium	91-1	76451	77091	76314	76618	0.54	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:05:59	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11767246	11679695	11534296	11660412	1.01	cps
Antimony	121-1	9503	9677	9833	9671	1.71	cps
Arsenic	75-2	45467	45208	45168	45281	0.36	cps
Barium	135-1	1096810	1092609	1083911	1091110	0.60	cps
Barium	137-1	1995523	1969779	1989298	1984867	0.68	cps
Beryllium	9-1	2007	2150	1993	2050	4.24	cps
Bismuth	209-1	9675811	9646237	9458596	9593548	1.23	cps
Bismuth	209-2	7913638	7978280	8015554	7969157	0.65	cps
Bromine	81-1	16449	15962	16683	16365	2.25	cps
Bromine	81-2	700	670	660	677	3.08	cps
Cadmium	108-1	560	460	443	488	12.94	cps
Cadmium	106-1	5234	5178	5028	5147	2.08	cps
Cadmium	111-1	5886	6306	5973	6055	3.67	cps
Calcium	43-1	794821	796856	791018	794232	0.37	cps
Calcium	44-1	12543934	12422200	12308949	12425027	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	531839	529110	526804	529251	0.48	cps
Cobalt	59-2	428416	424341	425814	426190	0.48	cps
Copper	63-2	948083	940323	936875	941760	0.61	cps
Dysprosium	156-1	100566	100594	99382	100181	0.69	cps
Dysprosium	156-2	88996	89231	89295	89174	0.18	cps
Erbium	164-1	87934	87448	86552	87311	0.80	cps
Erbium	164-2	64739	65479	64501	64906	0.79	cps
Gadolinium	160-1	96832	94952	95616	95800	0.99	cps
Gadolinium	160-2	74771	74379	73716	74289	0.72	cps
Holmium	165-1	16237920	15850522	15702822	15930421	1.73	cps
Holmium	165-2	11776054	11672332	11678127	11708837	0.50	cps
Indium	115-1	12832401	12662013	12461410	12651941	1.47	cps
Indium	115-2	4929653	4879687	4869335	4892891	0.66	cps
Iron	56-2	526790392	524077859	523662046	524843432	0.32	cps
Iron	57-2	13087706	12972748	12850674	12970376	0.91	cps
Iron	54-2	28746138	28724593	28422037	28630923	0.63	cps
Krypton	83-1	377	347	327	350	7.19	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:05:59	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	494808	495501	491314	493874	0.45	cps
Lead	207-1	428418	427181	426854	427484	0.19	cps
Lead	208-1	1946404	1949134	1929318	1941619	0.55	cps
Lithium	6-1	1802084	1722790	1770231	1765035	2.26	cps
Magnesium	24-2	10144115	10083318	9946434	10057956	1.01	cps
Manganese	55-2	8308425	8265120	8230916	8268154	0.47	cps
Molybdenum	94-1	132341	131514	130854	131570	0.57	cps
Molybdenum	95-1	7445	7512	7585	7514	0.93	cps
Molybdenum	96-1	34711	34360	34120	34397	0.86	cps
Molybdenum	97-1	4831	4717	4814	4787	1.28	cps
Molybdenum	98-1	11728	12072	12576	12125	3.51	cps
Neodymium	150-1	170963	170116	170993	170691	0.29	cps
Neodymium	150-2	109276	107264	106697	107745	1.26	cps
Nickel	60-2	161519	160794	159697	160670	0.57	cps
Phosphorus	31-2	39421	39695	38385	39167	1.76	cps
Potassium	39-2	5238091	5230614	5218480	5229062	0.19	cps
Rhodium	103-1	12004499	11749886	11595911	11783432	1.75	cps
Rhodium	103-2	7276245	7154886	7215118	7215416	0.84	cps
Scandium	45-1	7281142	7175588	7143874	7200201	1.00	cps
Scandium	45-2	683822	676717	680816	680452	0.52	cps
Selenium	82-1	787	766	782	779	1.39	cps
Selenium	77-2	323	317	260	300	11.60	cps
Selenium	78-2	797	843	737	792	6.75	cps
Silicon	28-1	17053388	17209305	17003752	17088815	0.63	cps
Silver	107-1	5371	5254	5091	5239	2.69	cps
Silver	109-1	4961	4868	4717	4849	2.53	cps
Sodium	23-2	243113	247452	240590	243718	1.42	cps
Strontium	86-1	363090	364743	358782	362205	0.85	cps
Strontium	88-1	3295096	3240712	3224289	3253366	1.14	cps
Sulfur	34-1	181962	182876	181258	182032	0.45	cps
Terbium	159-1	16738531	16256131	16076868	16357177	2.09	cps
Terbium	159-2	11413919	11465142	11470249	11449770	0.27	cps
Thallium	203-1	3977	3641	3924	3847	4.70	cps
Thallium	205-1	9557	9440	9340	9446	1.15	cps
Tin	118-1	12709	12422	12439	12523	1.29	cps
Titanium	47-1	1806531	1804474	1787171	1799392	0.59	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:05:59	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45708	45805	45089	45534	0.85	cps
Vanadium	51-2	1187812	1180304	1170728	1179614	0.73	cps
Yttrium	89-1	16398100	15960456	15934096	16097551	1.62	cps
Yttrium	89-2	4745447	4635588	4741290	4707442	1.32	cps
Zinc	66-2	329585	327303	328903	328597	0.36	cps
Zirconium	90-1	346779	342554	341312	343548	0.83	cps
Zirconium	91-1	76783	77218	77295	77099	0.36	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:09:07	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2432869	2408561	2434667	2425366	0.60	cps
Antimony	121-1	1990	1923	2257	2057	8.58	cps
Arsenic	75-2	9517	9384	9539	9480	0.89	cps
Barium	135-1	224963	219486	220065	221505	1.36	cps
Barium	137-1	384994	378847	381449	381763	0.81	cps
Beryllium	9-1	437	443	460	447	2.69	cps
Bismuth	209-1	9827530	9537515	9673792	9679612	1.50	cps
Bismuth	209-2	8130832	8061778	8066398	8086336	0.48	cps
Bromine	81-1	15715	16199	15922	15945	1.52	cps
Bromine	81-2	273	333	280	296	11.13	cps
Cadmium	108-1	120	90	130	113	18.37	cps
Cadmium	106-1	3747	4134	3917	3933	4.93	cps
Cadmium	111-1	3109	3424	3218	3250	4.92	cps
Calcium	43-1	162335	160960	160643	161313	0.56	cps
Calcium	44-1	2550675	2525145	2492726	2522849	1.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110857	109131	110302	110097	0.80	cps
Cobalt	59-2	88750	88770	89897	89139	0.74	cps
Copper	63-2	196182	194740	194523	195148	0.46	cps
Dysprosium	156-1	20315	19958	20315	20196	1.02	cps
Dysprosium	156-2	17778	18863	17992	18211	3.16	cps
Erbium	164-1	18189	17731	17121	17680	3.03	cps
Erbium	164-2	13223	13130	12599	12984	2.59	cps
Gadolinium	160-1	19367	19444	19167	19326	0.74	cps
Gadolinium	160-2	15265	15021	15522	15270	1.64	cps
Holmium	165-1	16012558	15545152	15718587	15758765	1.50	cps
Holmium	165-2	11575587	11298792	11443481	11439287	1.21	cps
Indium	115-1	13012206	12747141	12640617	12799988	1.49	cps
Indium	115-2	4933508	4955814	4922597	4937306	0.34	cps
Iron	56-2	109601838	109772038	108476955	109283611	0.64	cps
Iron	57-2	2768278	2715007	2713535	2732273	1.14	cps
Iron	54-2	5996858	5882319	5911452	5930210	1.00	cps
Krypton	83-1	237	183	293	238	23.13	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:09:07	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	100031	98970	99181	99394	0.57	cps
Lead	207-1	87697	86382	87546	87209	0.82	cps
Lead	208-1	398220	388288	394425	393644	1.27	cps
Lithium	6-1	1760857	1727579	1727140	1738525	1.11	cps
Magnesium	24-2	2087064	2091827	2042390	2073760	1.32	cps
Manganese	55-2	1731579	1737964	1703124	1724222	1.08	cps
Molybdenum	94-1	26641	26928	26314	26628	1.15	cps
Molybdenum	95-1	1820	1627	1623	1690	6.66	cps
Molybdenum	96-1	7118	6985	7275	7126	2.04	cps
Molybdenum	97-1	977	977	993	982	0.98	cps
Molybdenum	98-1	2427	2530	2580	2512	3.11	cps
Neodymium	150-1	35591	34632	34512	34912	1.69	cps
Neodymium	150-2	22047	22027	21763	21946	0.72	cps
Nickel	60-2	34049	33651	33895	33865	0.59	cps
Phosphorus	31-2	8282	8062	8256	8200	1.46	cps
Potassium	39-2	1168348	1166966	1159542	1164952	0.41	cps
Rhodium	103-1	12104804	12029115	12006447	12046789	0.43	cps
Rhodium	103-2	7382918	7352215	7386427	7373853	0.26	cps
Scandium	45-1	7019038	6949514	6926882	6965145	0.69	cps
Scandium	45-2	674646	668979	669186	670937	0.48	cps
Selenium	82-1	597	642	501	580	12.41	cps
Selenium	77-2	60	57	87	68	24.26	cps
Selenium	78-2	577	550	570	566	2.45	cps
Silicon	28-1	4517015	4392041	4419025	4442693	1.48	cps
Silver	107-1	1180	1290	1223	1231	4.50	cps
Silver	109-1	1140	1093	1080	1104	2.85	cps
Sodium	23-2	67139	67443	68307	67630	0.90	cps
Strontium	86-1	74233	73552	72363	73383	1.29	cps
Strontium	88-1	654135	641208	639997	645113	1.21	cps
Sulfur	34-1	164844	166243	164784	165290	0.50	cps
Terbium	159-1	16396565	16303468	16177118	16292384	0.68	cps
Terbium	159-2	11477685	11532345	11408548	11472860	0.54	cps
Thallium	203-1	1190	1313	1330	1278	5.98	cps
Thallium	205-1	3147	3384	3124	3218	4.47	cps
Tin	118-1	3691	3767	3874	3777	2.44	cps
Titanium	47-1	367911	365194	362096	365067	0.80	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LX5	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:09:07	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8706	9180	9053	8980	2.73	cps
Vanadium	51-2	242143	243149	243254	242849	0.25	cps
Yttrium	89-1	15375769	15112736	14915939	15134815	1.52	cps
Yttrium	89-2	4426645	4462216	4483392	4457418	0.64	cps
Zinc	66-2	69357	69501	69022	69293	0.35	cps
Zirconium	90-1	69808	70086	69289	69728	0.58	cps
Zirconium	91-1	15949	15772	15555	15759	1.25	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:12:16	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11807201	11807773	11773714	11796229	0.17	cps
Antimony	121-1	1008051	1011138	990332	1003174	1.12	cps
Arsenic	75-2	74892	75063	74585	74847	0.32	cps
Barium	135-1	7605656	7535769	7391465	7510963	1.45	cps
Barium	137-1	13063141	13020284	12929044	13004156	0.53	cps
Beryllium	9-1	76829	76949	76591	76790	0.24	cps
Bismuth	209-1	9530293	9506922	9256033	9431083	1.61	cps
Bismuth	209-2	7949559	7941006	7917280	7935948	0.21	cps
Bromine	81-1	16266	16936	16649	16617	2.03	cps
Bromine	81-2	700	650	590	647	8.52	cps
Cadmium	108-1	8940	9090	8879	8970	1.21	cps
Cadmium	106-1	17077	16863	17130	17023	0.83	cps
Cadmium	111-1	137533	136129	135837	136500	0.66	cps
Calcium	43-1	767009	769622	760101	765577	0.64	cps
Calcium	44-1	12235789	12130900	11938829	12101840	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1590606	1571133	1562051	1574597	0.93	cps
Cobalt	59-2	4597181	4543666	4503793	4548213	1.03	cps
Copper	63-2	2368915	2307617	2311956	2329496	1.47	cps
Dysprosium	156-1	99120	97330	97583	98011	0.99	cps
Dysprosium	156-2	86498	87135	86326	86653	0.49	cps
Erbium	164-1	85281	84671	85734	85229	0.63	cps
Erbium	164-2	61836	62144	62881	62287	0.86	cps
Gadolinium	160-1	92962	94600	93962	93841	0.88	cps
Gadolinium	160-2	71434	70600	72205	71413	1.12	cps
Holmium	165-1	15934304	15761936	15845471	15847237	0.54	cps
Holmium	165-2	11485019	11502309	11445368	11477565	0.25	cps
Indium	115-1	12681524	12660683	12440324	12594177	1.06	cps
Indium	115-2	4879106	4909167	4842005	4876759	0.69	cps
Iron	56-2	511584486	509523552	509600752	510236264	0.23	cps
Iron	57-2	12816004	12608244	12541096	12655114	1.13	cps
Iron	54-2	27654997	28012835	27803141	27823658	0.65	cps
Krypton	83-1	303	360	333	332	8.53	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:12:16	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	632319	630913	628470	630567	0.31	cps
Lead	207-1	543350	541434	539539	541441	0.35	cps
Lead	208-1	2467116	2472757	2450284	2463386	0.47	cps
Lithium	6-1	1755553	1779831	1747850	1761078	0.95	cps
Magnesium	24-2	9652926	9701738	9607420	9654028	0.49	cps
Manganese	55-2	10071317	10056057	10083761	10070378	0.14	cps
Molybdenum	94-1	128780	126056	126689	127175	1.12	cps
Molybdenum	95-1	7782	7495	7379	7552	2.75	cps
Molybdenum	96-1	33993	33275	33428	33565	1.13	cps
Molybdenum	97-1	4811	4754	4441	4669	4.27	cps
Molybdenum	98-1	11868	11848	11928	11882	0.35	cps
Neodymium	150-1	168449	166537	166035	167007	0.76	cps
Neodymium	150-2	105582	103450	103842	104291	1.09	cps
Nickel	60-2	1172912	1162706	1154695	1163438	0.78	cps
Phosphorus	31-2	37800	37088	36540	37143	1.70	cps
Potassium	39-2	5016484	5021397	4927876	4988586	1.06	cps
Rhodium	103-1	11891949	11637896	11520029	11683291	1.63	cps
Rhodium	103-2	7141359	7226663	7093321	7153781	0.94	cps
Scandium	45-1	7303746	7129342	7085212	7172767	1.61	cps
Scandium	45-2	674823	664988	664978	668263	0.85	cps
Selenium	82-1	18781	18855	18613	18750	0.66	cps
Selenium	77-2	2304	2420	2337	2354	2.55	cps
Selenium	78-2	7502	7605	7779	7629	1.83	cps
Silicon	28-1	18908895	19101236	18985768	18998633	0.51	cps
Silver	107-1	742233	731029	748312	740525	1.18	cps
Silver	109-1	705811	720862	718271	714981	1.13	cps
Sodium	23-2	240151	236343	235281	237258	1.08	cps
Strontium	86-1	355020	353567	350912	353166	0.59	cps
Strontium	88-1	3229187	3153247	3147040	3176492	1.44	cps
Sulfur	34-1	181608	181746	179555	180970	0.68	cps
Terbium	159-1	16511574	16382181	16066484	16320079	1.40	cps
Terbium	159-2	11620165	11318437	11466400	11468334	1.32	cps
Thallium	203-1	466996	465979	467850	466942	0.20	cps
Thallium	205-1	1099005	1096768	1100273	1098682	0.16	cps
Tin	118-1	12039	11845	11408	11764	2.75	cps
Titanium	47-1	1800625	1820429	1761394	1794149	1.67	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:12:16	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45053	44685	44337	44691	0.80	cps
Vanadium	51-2	3464040	3405784	3427674	3432500	0.86	cps
Yttrium	89-1	16214572	16055024	15706390	15991996	1.63	cps
Yttrium	89-2	4607336	4621438	4664638	4631137	0.64	cps
Zinc	66-2	821945	820147	813581	818558	0.54	cps
Zirconium	90-1	337020	335016	333326	335121	0.55	cps
Zirconium	91-1	74136	76234	74267	74879	1.57	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:15:18	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12817370	12869146	12728377	12804964	0.56	cps
Antimony	121-1	4019706	3962891	3889972	3957523	1.64	cps
Arsenic	75-2	158648	157714	155508	157290	1.03	cps
Barium	135-1	25092252	24787575	24639825	24839884	0.93	cps
Barium	137-1	43332691	43072382	42870844	43091972	0.54	cps
Beryllium	9-1	278533	277842	273527	276634	0.98	cps
Bismuth	209-1	9662554	9293619	9313599	9423257	2.20	cps
Bismuth	209-2	7972037	7881317	7971932	7941762	0.66	cps
Bromine	81-1	15975	16106	15789	15956	1.00	cps
Bromine	81-2	653	740	610	668	9.91	cps
Cadmium	108-1	33556	33475	33041	33357	0.83	cps
Cadmium	106-1	50675	50912	49293	50293	1.74	cps
Cadmium	111-1	505065	504069	494895	501343	1.12	cps
Calcium	43-1	742305	739190	727855	736450	1.03	cps
Calcium	44-1	11773708	11431145	11403157	11536003	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4371549	4321237	4327519	4340102	0.63	cps
Cobalt	59-2	15242024	15363486	15214954	15273488	0.52	cps
Copper	63-2	5951585	5940382	5964113	5952027	0.20	cps
Dysprosium	156-1	95629	93998	93491	94373	1.18	cps
Dysprosium	156-2	84100	83814	84901	84272	0.67	cps
Erbium	164-1	83219	82384	81408	82337	1.10	cps
Erbium	164-2	59988	60651	59914	60184	0.67	cps
Gadolinium	160-1	92086	91493	89996	91192	1.18	cps
Gadolinium	160-2	70017	68885	68590	69164	1.09	cps
Holmium	165-1	15887351	15809956	15277831	15658380	2.12	cps
Holmium	165-2	11253880	11358707	11421672	11344753	0.75	cps
Indium	115-1	12481995	12423815	12161851	12355887	1.38	cps
Indium	115-2	4750497	4791520	4730288	4757435	0.66	cps
Iron	56-2	504424806	502030166	503808006	503420993	0.25	cps
Iron	57-2	12459473	12373602	12370551	12401209	0.41	cps
Iron	54-2	27415329	27559492	27605906	27526909	0.36	cps
Krypton	83-1	327	397	343	356	10.29	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:15:18	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1067197	1066036	1060784	1064673	0.32	cps
Lead	207-1	891764	898018	889723	893168	0.48	cps
Lead	208-1	4296160	4279590	4220314	4265355	0.93	cps
Lithium	6-1	1786013	1740339	1751535	1759296	1.35	cps
Magnesium	24-2	9367265	9261430	9204485	9277727	0.89	cps
Manganese	55-2	15328622	15400327	15425802	15384917	0.33	cps
Molybdenum	94-1	123639	123367	122567	123191	0.45	cps
Molybdenum	95-1	7475	7522	7178	7392	2.52	cps
Molybdenum	96-1	32957	32520	32496	32658	0.80	cps
Molybdenum	97-1	4417	4447	4477	4447	0.67	cps
Molybdenum	98-1	12155	12138	11391	11895	3.67	cps
Neodymium	150-1	164099	163250	160994	162781	0.99	cps
Neodymium	150-2	100774	100220	100038	100344	0.38	cps
Nickel	60-2	3985033	4013535	3942607	3980391	0.90	cps
Phosphorus	31-2	35875	34863	35621	35453	1.49	cps
Potassium	39-2	4834477	4803650	4781866	4806664	0.55	cps
Rhodium	103-1	11767343	11451218	11303384	11507315	2.06	cps
Rhodium	103-2	6973137	7064108	7024720	7020655	0.65	cps
Scandium	45-1	7143692	6921963	6852159	6972605	2.18	cps
Scandium	45-2	653973	651273	650838	652028	0.26	cps
Selenium	82-1	91388	89641	89024	90018	1.36	cps
Selenium	77-2	10460	10550	10544	10518	0.48	cps
Selenium	78-2	35252	35493	35406	35383	0.34	cps
Silicon	28-1	18051008	18098403	18485284	18211565	1.31	cps
Silver	107-1	2457103	2674849	3072590	2734847	11.41	cps
Silver	109-1	3075183	2407894	2288914	2590664	16.36	cps
Sodium	23-2	230587	226660	226463	227903	1.02	cps
Strontium	86-1	343335	336737	336124	338732	1.18	cps
Strontium	88-1	3081635	3055013	3045250	3060632	0.62	cps
Sulfur	34-1	173547	168878	166715	169713	2.06	cps
Terbium	159-1	16461345	15846022	15938293	16081887	2.06	cps
Terbium	159-2	11268322	11255572	11135794	11219896	0.65	cps
Thallium	203-1	1931254	1899256	1916662	1915724	0.84	cps
Thallium	205-1	4580176	4553542	4437724	4523814	1.67	cps
Tin	118-1	11611	11455	11528	11531	0.68	cps
Titanium	47-1	1718746	1687801	1684877	1697142	1.11	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MS	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:15:18	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44119	43715	42879	43571	1.45	cps
Vanadium	51-2	9443917	9479683	9388913	9437504	0.48	cps
Yttrium	89-1	16025273	15858439	15544527	15809413	1.54	cps
Yttrium	89-2	4584383	4561300	4527571	4557751	0.63	cps
Zinc	66-2	2165964	2172338	2165640	2167980	0.17	cps
Zirconium	90-1	321770	323250	319585	321535	0.57	cps
Zirconium	91-1	72967	72866	71459	72431	1.16	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:18:10	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16508651	16694729	16193572	16465651	1.54	cps
Antimony	121-1	6481763	6482182	6420393	6461446	0.55	cps
Arsenic	75-2	348095	345096	345727	346306	0.46	cps
Barium	135-1	8439221	8351260	8321043	8370508	0.73	cps
Barium	137-1	14466997	14547680	14327611	14447429	0.77	cps
Beryllium	9-1	741684	751257	753957	748966	0.86	cps
Bismuth	209-1	8591422	8460369	8474959	8508917	0.84	cps
Bismuth	209-2	7049149	7108047	7140659	7099285	0.65	cps
Bromine	81-1	13546	13610	13576	13577	0.23	cps
Bromine	81-2	113	140	170	141	20.09	cps
Cadmium	108-1	116997	116725	116617	116780	0.17	cps
Cadmium	106-1	167658	169543	167685	168295	0.64	cps
Cadmium	111-1	1543691	1561718	1544255	1549888	0.66	cps
Calcium	43-1	8327493	8397843	8375406	8366914	0.43	cps
Calcium	44-1	136100848	135940275	136116361	136052495	0.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2704137	2678603	2644955	2675898	1.11	cps
Cobalt	59-2	4138865	4123561	4089777	4117401	0.61	cps
Copper	63-2	28573374	28476846	28686073	28578764	0.37	cps
Dysprosium	156-1	390	377	397	388	2.63	cps
Dysprosium	156-2	617	563	460	547	14.57	cps
Erbium	164-1	293	297	317	302	4.18	cps
Erbium	164-2	227	217	243	229	5.89	cps
Gadolinium	160-1	303	377	300	327	13.27	cps
Gadolinium	160-2	757	773	770	767	1.15	cps
Holmium	165-1	14918532	14691892	14691530	14767318	0.89	cps
Holmium	165-2	10734127	10837068	10895057	10822084	0.75	cps
Indium	115-1	11304188	11103498	10972376	11126687	1.50	cps
Indium	115-2	4260332	4382266	4379755	4340784	1.61	cps
Iron	56-2	631787191	636987324	626142657	631639057	0.86	cps
Iron	57-2	15933054	15890318	15702936	15842102	0.77	cps
Iron	54-2	34316115	34706130	34305666	34442637	0.66	cps
Krypton	83-1	267	203	210	227	15.35	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:18:10	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25595668	25255720	25480151	25443847	0.68	cps
Lead	207-1	22431323	22447170	22170632	22349708	0.69	cps
Lead	208-1	101912585	102000338	101384813	101765912	0.33	cps
Lithium	6-1	1634614	1622410	1617996	1625007	0.53	cps
Magnesium	24-2	125334578	124965405	123621398	124640460	0.72	cps
Manganese	55-2	21774312	22087041	21801335	21887562	0.79	cps
Molybdenum	94-1	22751215	22812332	22547068	22703539	0.61	cps
Molybdenum	95-1	32632313	32785588	32718190	32712030	0.23	cps
Molybdenum	96-1	36034976	36034910	35881733	35983873	0.25	cps
Molybdenum	97-1	20399131	20397801	20379617	20392183	0.05	cps
Molybdenum	98-1	53042968	53046864	52006296	52698709	1.14	cps
Neodymium	150-1	483	537	560	527	7.46	cps
Neodymium	150-2	190	170	150	170	11.76	cps
Nickel	60-2	984250	971472	966225	973982	0.95	cps
Phosphorus	31-2	148734	148596	146257	147862	0.94	cps
Potassium	39-2	80712129	81011389	80324632	80682717	0.43	cps
Rhodium	103-1	10283475	10077935	10044986	10135466	1.28	cps
Rhodium	103-2	6294128	6313463	6253933	6287175	0.48	cps
Scandium	45-1	6240812	6242718	6242144	6241892	0.02	cps
Scandium	45-2	594308	600817	593755	596294	0.66	cps
Selenium	82-1	104439	103005	103904	103783	0.70	cps
Selenium	77-2	10807	10737	10854	10800	0.54	cps
Selenium	78-2	36839	36679	36548	36689	0.40	cps
Silicon	28-1	3683538	3756078	3783448	3741021	1.38	cps
Silver	107-1	8034884	7929936	7985211	7983344	0.66	cps
Silver	109-1	7524982	7737280	7506058	7589440	1.69	cps
Sodium	23-2	202649837	202364870	201727990	202247566	0.23	cps
Strontium	86-1	2044423	2044711	2019943	2036359	0.70	cps
Strontium	88-1	17904309	17949686	17754693	17869563	0.57	cps
Sulfur	34-1	637873	633318	635337	635510	0.36	cps
Terbium	159-1	15321243	15143444	15032528	15165738	0.96	cps
Terbium	159-2	10807083	10747597	10717949	10757543	0.42	cps
Thallium	203-1	6422750	6399283	6339854	6387296	0.67	cps
Thallium	205-1	15217772	15171252	15164966	15184663	0.19	cps
Tin	118-1	5383888	5361246	5348756	5364630	0.33	cps
Titanium	47-1	7739383	7839353	7826616	7801784	0.70	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV031	Instrumnet Name :	P7
Client Sample ID :	CCV031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:18:10	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20471644	20212560	20264862	20316356	0.67	cps
Vanadium	51-2	2410254	2402195	2403294	2405248	0.18	cps
Yttrium	89-1	13631325	13450307	13359424	13480352	1.03	cps
Yttrium	89-2	4001147	4047526	3950725	3999799	1.21	cps
Zinc	66-2	4791004	4850324	4790196	4810508	0.72	cps
Zirconium	90-1	11040455	11029849	11009695	11026666	0.14	cps
Zirconium	91-1	2461274	2490716	2455456	2469148	0.77	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:24:21	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360	377	373	370	2.38	cps
Antimony	121-1	720	590	653	654	9.93	cps
Arsenic	75-2	10	14	7	10	31.57	cps
Barium	135-1	123	90	90	101	19.04	cps
Barium	137-1	197	153	127	159	22.23	cps
Beryllium	9-1	137	70	93	100	33.83	cps
Bismuth	209-1	9701077	9830652	9650670	9727466	0.95	cps
Bismuth	209-2	8257078	8160739	8210001	8209272	0.59	cps
Bromine	81-1	14864	14501	14647	14671	1.25	cps
Bromine	81-2	163	180	153	166	8.13	cps
Cadmium	108-1	13	10	10	11	17.30	cps
Cadmium	106-1	3774	3550	3457	3594	4.53	cps
Cadmium	111-1	2666	2535	2446	2549	4.33	cps
Calcium	43-1	197	260	213	223	14.70	cps
Calcium	44-1	10824	10140	10548	10504	3.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1270	1320	1283	1291	2.01	cps
Cobalt	59-2	187	160	217	188	15.10	cps
Copper	63-2	863	873	933	890	4.25	cps
Dysprosium	156-1	13	10	3	9	57.30	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	30	63	67	53	38.02	cps
Erbium	164-2	23	50	60	44	42.65	cps
Gadolinium	160-1	57	77	33	56	39.04	cps
Gadolinium	160-2	597	567	660	608	7.84	cps
Holmium	165-1	15674552	15544771	15456890	15558737	0.70	cps
Holmium	165-2	11535021	11442089	11575244	11517451	0.59	cps
Indium	115-1	12654587	12646508	12485593	12595563	0.76	cps
Indium	115-2	5005707	4919323	4959287	4961439	0.87	cps
Iron	56-2	22837	22206	22287	22444	1.53	cps
Iron	57-2	1050	1110	1033	1064	3.79	cps
Iron	54-2	2800	2850	2797	2816	1.06	cps
Krypton	83-1	260	207	283	250	15.72	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:24:21	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	903	793	743	813	10.06	cps
Lead	207-1	780	873	657	770	14.11	cps
Lead	208-1	3557	3397	3194	3382	5.38	cps
Lithium	6-1	1816998	1828601	1770038	1805213	1.72	cps
Magnesium	24-2	1467	1490	1317	1425	6.60	cps
Manganese	55-2	423	340	330	364	14.06	cps
Molybdenum	94-1	547	553	497	532	5.82	cps
Molybdenum	95-1	403	420	393	406	3.32	cps
Molybdenum	96-1	583	580	507	557	7.78	cps
Molybdenum	97-1	327	267	250	281	14.34	cps
Molybdenum	98-1	690	583	630	634	8.43	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	397	347	357	367	7.22	cps
Phosphorus	31-2	143	180	140	154	14.37	cps
Potassium	39-2	58094	58736	58776	58535	0.65	cps
Rhodium	103-1	11829347	11828260	11756536	11804714	0.35	cps
Rhodium	103-2	7404832	7278192	7423394	7368806	1.07	cps
Scandium	45-1	6767192	6835511	6680347	6761017	1.15	cps
Scandium	45-2	638709	638725	643179	640204	0.40	cps
Selenium	82-1	489	508	414	471	10.56	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	443	423	513	460	10.27	cps
Silicon	28-1	585792	587871	586272	586645	0.19	cps
Silver	107-1	447	357	413	406	11.22	cps
Silver	109-1	357	313	270	313	13.83	cps
Sodium	23-2	27187	27271	27144	27201	0.24	cps
Strontium	86-1	373	377	420	390	6.68	cps
Strontium	88-1	203	177	193	191	7.05	cps
Sulfur	34-1	185511	185079	184991	185194	0.15	cps
Terbium	159-1	16162979	15961858	15974345	16033060	0.70	cps
Terbium	159-2	11436338	11456261	11383462	11425354	0.33	cps
Thallium	203-1	590	633	523	582	9.52	cps
Thallium	205-1	1290	1197	1283	1257	4.14	cps
Tin	118-1	1777	1723	1810	1770	2.47	cps
Titanium	47-1	140	123	113	126	10.73	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB031	Instrumnet Name :	P7
Client Sample ID :	CCB031	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:24:21	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	127	93	123	114	16.05	cps
Vanadium	51-2	23	23	17	21	18.21	cps
Yttrium	89-1	14583508	14568168	14557425	14569700	0.09	cps
Yttrium	89-2	4271841	4281802	4364469	4306037	1.18	cps
Zinc	66-2	233	270	280	261	9.41	cps
Zirconium	90-1	913	823	760	832	9.26	cps
Zirconium	91-1	150	147	203	167	19.08	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:27:39	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9722108	9760184	9643832	9708708	0.61	cps
Antimony	121-1	1260	1287	1293	1280	1.38	cps
Arsenic	75-2	9960	9811	9720	9830	1.23	cps
Barium	135-1	680202	681339	677063	679535	0.33	cps
Barium	137-1	1180604	1177736	1172073	1176805	0.37	cps
Beryllium	9-1	1247	1117	1117	1160	6.47	cps
Bismuth	209-1	9915170	9541095	9698163	9718142	1.93	cps
Bismuth	209-2	8121529	8233206	8101591	8152109	0.87	cps
Bromine	81-1	15782	15895	16549	16076	2.58	cps
Bromine	81-2	420	357	333	370	12.12	cps
Cadmium	108-1	213	197	237	216	9.32	cps
Cadmium	106-1	4274	4357	4107	4246	3.00	cps
Cadmium	111-1	3429	3519	3359	3436	2.33	cps
Calcium	43-1	522366	520675	523346	522129	0.26	cps
Calcium	44-1	8249633	8287887	8276230	8271250	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477474	476981	476736	477064	0.08	cps
Cobalt	59-2	290112	288946	288504	289187	0.29	cps
Copper	63-2	592434	594438	598762	595211	0.54	cps
Dysprosium	156-1	51494	52344	52200	52013	0.87	cps
Dysprosium	156-2	48089	48952	49092	48711	1.12	cps
Erbium	164-1	41251	41167	40248	40889	1.36	cps
Erbium	164-2	30223	30623	30263	30370	0.73	cps
Gadolinium	160-1	43260	43320	44035	43539	0.99	cps
Gadolinium	160-2	34218	33961	33848	34009	0.56	cps
Holmium	165-1	16295586	15860759	16028265	16061537	1.37	cps
Holmium	165-2	11856023	11702108	11602961	11720364	1.09	cps
Indium	115-1	12974260	12730949	12805907	12837039	0.97	cps
Indium	115-2	5065298	5019114	5005840	5030084	0.62	cps
Iron	56-2	339341182	342140275	344598702	342026719	0.77	cps
Iron	57-2	8397312	8361707	8429974	8396331	0.41	cps
Iron	54-2	18476675	18653754	18640413	18590281	0.53	cps
Krypton	83-1	333	310	293	312	6.44	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:27:39	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	203970	203330	201547	202949	0.62	cps
Lead	207-1	140908	139609	141235	140584	0.61	cps
Lead	208-1	695157	693407	693271	693945	0.15	cps
Lithium	6-1	1837944	1856115	1834194	1842751	0.64	cps
Magnesium	24-2	12093541	12073279	11972116	12046312	0.54	cps
Manganese	55-2	4817928	4851513	4854191	4841211	0.42	cps
Molybdenum	94-1	55133	56030	56307	55824	1.10	cps
Molybdenum	95-1	2774	2974	2994	2914	4.18	cps
Molybdenum	96-1	15635	15382	15792	15603	1.33	cps
Molybdenum	97-1	1817	1897	1790	1835	3.03	cps
Molybdenum	98-1	4697	4684	4384	4589	3.86	cps
Neodymium	150-1	89428	89941	89867	89745	0.31	cps
Neodymium	150-2	56349	57115	56526	56663	0.71	cps
Nickel	60-2	144228	144242	144828	144433	0.24	cps
Phosphorus	31-2	28607	28657	29108	28790	0.96	cps
Potassium	39-2	1693239	1702646	1705373	1700419	0.37	cps
Rhodium	103-1	12093470	11960724	11965883	12006692	0.63	cps
Rhodium	103-2	7458116	7458116	7427851	7448028	0.23	cps
Scandium	45-1	7262811	7166928	7125600	7185113	0.98	cps
Scandium	45-2	685807	690727	684629	687054	0.47	cps
Selenium	82-1	604	621	575	600	3.89	cps
Selenium	77-2	193	200	127	173	23.39	cps
Selenium	78-2	640	683	630	651	4.35	cps
Silicon	28-1	11757837	11804726	11747838	11770134	0.26	cps
Silver	107-1	957	987	927	957	3.14	cps
Silver	109-1	883	800	843	842	4.95	cps
Sodium	23-2	228151	228919	228118	228396	0.20	cps
Strontium	86-1	291980	288744	289141	289955	0.61	cps
Strontium	88-1	2636409	2584658	2601970	2607679	1.01	cps
Sulfur	34-1	183692	181891	180940	182175	0.77	cps
Terbium	159-1	16379928	16588090	16455242	16474420	0.64	cps
Terbium	159-2	11811653	11790341	11686861	11762951	0.57	cps
Thallium	203-1	1523	1620	1540	1561	3.31	cps
Thallium	205-1	3587	3557	3784	3643	3.38	cps
Tin	118-1	8709	8459	8673	8614	1.57	cps
Titanium	47-1	2803578	2814232	2783941	2800584	0.55	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:27:39	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57447	57661	57949	57685	0.44	cps
Vanadium	51-2	572349	578761	570288	573799	0.77	cps
Yttrium	89-1	15754074	15688898	15747715	15730229	0.23	cps
Yttrium	89-2	4640690	4651156	4630208	4640685	0.23	cps
Zinc	66-2	191721	188497	189277	189832	0.89	cps
Zirconium	90-1	146717	146074	147532	146775	0.50	cps
Zirconium	91-1	32853	33354	33314	33174	0.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:30:45	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9989933	9812109	9998404	9933482	1.06	cps
Antimony	121-1	1243	1230	1340	1271	4.72	cps
Arsenic	75-2	10116	10089	9920	10042	1.06	cps
Barium	135-1	698802	694034	694325	695720	0.38	cps
Barium	137-1	1214136	1196972	1194300	1201803	0.90	cps
Beryllium	9-1	1167	1047	1177	1130	6.40	cps
Bismuth	209-1	9720890	8922188	9648485	9430521	4.68	cps
Bismuth	209-2	8195557	8136389	8201801	8177916	0.44	cps
Bromine	81-1	16589	16503	16423	16505	0.51	cps
Bromine	81-2	343	323	340	336	3.19	cps
Cadmium	108-1	243	237	157	212	22.73	cps
Cadmium	106-1	4514	4264	4411	4396	2.86	cps
Cadmium	111-1	3553	3429	3591	3524	2.40	cps
Calcium	43-1	536640	533601	533310	534517	0.35	cps
Calcium	44-1	8515308	8286739	8382754	8394934	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485854	491621	484902	487459	0.75	cps
Cobalt	59-2	294944	296292	295162	295466	0.24	cps
Copper	63-2	611783	604122	605714	607206	0.67	cps
Dysprosium	156-1	53076	52504	52291	52624	0.77	cps
Dysprosium	156-2	50360	49383	49821	49855	0.98	cps
Erbium	164-1	42140	41281	41595	41672	1.04	cps
Erbium	164-2	30807	30861	30991	30886	0.31	cps
Gadolinium	160-1	44895	43872	44103	44290	1.21	cps
Gadolinium	160-2	34883	34783	34275	34647	0.94	cps
Holmium	165-1	16436462	14896038	16195944	15842814	5.23	cps
Holmium	165-2	11847254	11973775	11721438	11847489	1.06	cps
Indium	115-1	13088485	11967547	12998119	12684717	4.91	cps
Indium	115-2	5076879	5078964	5101454	5085766	0.27	cps
Iron	56-2	347495755	344521542	347933555	346650284	0.54	cps
Iron	57-2	8657546	8552017	8671760	8627108	0.76	cps
Iron	54-2	19017650	18950180	19095038	19020956	0.38	cps
Krypton	83-1	270	330	297	299	10.06	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:30:45	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	205414	205679	201842	204311	1.05	cps
Lead	207-1	143747	142983	140935	142555	1.02	cps
Lead	208-1	701800	697147	692652	697199	0.66	cps
Lithium	6-1	1817041	1679462	1811298	1769267	4.40	cps
Magnesium	24-2	12437175	12386893	12428417	12417495	0.22	cps
Manganese	55-2	4973441	4930972	4954296	4952903	0.43	cps
Molybdenum	94-1	57010	57924	57321	57419	0.81	cps
Molybdenum	95-1	2930	2937	2690	2853	4.93	cps
Molybdenum	96-1	15999	16533	15942	16158	2.02	cps
Molybdenum	97-1	1953	1817	1887	1886	3.63	cps
Molybdenum	98-1	4411	4344	4524	4426	2.06	cps
Neodymium	150-1	92487	91645	90941	91691	0.84	cps
Neodymium	150-2	57751	57905	56931	57529	0.91	cps
Nickel	60-2	147326	145319	148937	147194	1.23	cps
Phosphorus	31-2	29719	29392	28677	29262	1.82	cps
Potassium	39-2	1782535	1778507	1736605	1765883	1.44	cps
Rhodium	103-1	12176949	11209448	12004061	11796819	4.37	cps
Rhodium	103-2	7511383	7504646	7574492	7530173	0.51	cps
Scandium	45-1	7383388	6734386	7216075	7111283	4.74	cps
Scandium	45-2	701485	694989	699174	698549	0.47	cps
Selenium	82-1	709	622	598	643	9.12	cps
Selenium	77-2	130	150	127	136	9.31	cps
Selenium	78-2	577	693	690	653	10.17	cps
Silicon	28-1	11804913	11861841	11940379	11869044	0.57	cps
Silver	107-1	977	850	947	924	7.16	cps
Silver	109-1	853	760	793	802	5.90	cps
Sodium	23-2	234296	234188	232780	233755	0.36	cps
Strontium	86-1	295063	293659	292229	293650	0.48	cps
Strontium	88-1	2664256	2698426	2637785	2666822	1.14	cps
Sulfur	34-1	180691	178647	175448	178262	1.48	cps
Terbium	159-1	16890381	15308362	16612519	16270420	5.19	cps
Terbium	159-2	11860642	11841208	12009262	11903704	0.77	cps
Thallium	203-1	1647	1580	1467	1565	5.82	cps
Thallium	205-1	3781	3784	3991	3852	3.12	cps
Tin	118-1	8533	8683	8696	8637	1.05	cps
Titanium	47-1	2855419	2826218	2809288	2830308	0.82	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:30:45	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	59660	58960	58153	58924	1.28	cps
Vanadium	51-2	588856	585626	586313	586932	0.29	cps
Yttrium	89-1	16164167	14846101	15964956	15658408	4.54	cps
Yttrium	89-2	4734345	4663301	4716609	4704752	0.79	cps
Zinc	66-2	191426	192069	190133	191210	0.52	cps
Zirconium	90-1	151468	150465	152256	151396	0.59	cps
Zirconium	91-1	33709	33882	33682	33758	0.32	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:33:58	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1973602	2007688	2007511	1996267	0.98	cps
Antimony	121-1	337	360	423	373	12.01	cps
Arsenic	75-2	1942	2143	1965	2017	5.45	cps
Barium	135-1	138115	137039	135860	137005	0.82	cps
Barium	137-1	238762	238796	235811	237790	0.72	cps
Beryllium	9-1	260	273	343	292	15.32	cps
Bismuth	209-1	9819830	9578910	9595164	9664635	1.39	cps
Bismuth	209-2	8196723	8312229	8064234	8191062	1.52	cps
Bromine	81-1	15658	16092	16503	16084	2.62	cps
Bromine	81-2	250	260	283	264	6.47	cps
Cadmium	108-1	53	23	47	41	38.32	cps
Cadmium	106-1	3634	3744	3764	3714	1.89	cps
Cadmium	111-1	2660	2754	2755	2723	2.02	cps
Calcium	43-1	106601	106423	105241	106088	0.70	cps
Calcium	44-1	1682624	1668421	1681539	1677528	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99234	98817	99747	99266	0.47	cps
Cobalt	59-2	59390	59731	59102	59408	0.53	cps
Copper	63-2	122278	124495	123592	123455	0.90	cps
Dysprosium	156-1	10067	10120	10097	10095	0.26	cps
Dysprosium	156-2	9713	9927	9854	9831	1.10	cps
Erbium	164-1	8529	8226	8216	8324	2.14	cps
Erbium	164-2	5951	6031	5878	5954	1.29	cps
Gadolinium	160-1	8833	8766	8900	8833	0.76	cps
Gadolinium	160-2	7235	7145	7189	7190	0.63	cps
Holmium	165-1	15858223	15736849	15683550	15759541	0.57	cps
Holmium	165-2	11569887	11595641	11420472	11528667	0.82	cps
Indium	115-1	13059506	12892786	12859918	12937403	0.83	cps
Indium	115-2	5038902	5108324	5066153	5071127	0.69	cps
Iron	56-2	69889266	70298894	69482911	69890357	0.58	cps
Iron	57-2	1751784	1739325	1714075	1735061	1.11	cps
Iron	54-2	3821353	3831455	3833098	3828635	0.17	cps
Krypton	83-1	270	193	240	234	16.48	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:33:58	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41613	41105	40714	41144	1.10	cps
Lead	207-1	28774	28851	28817	28814	0.13	cps
Lead	208-1	141452	140739	139081	140424	0.87	cps
Lithium	6-1	1803016	1763824	1756282	1774374	1.41	cps
Magnesium	24-2	2494345	2437634	2472106	2468028	1.16	cps
Manganese	55-2	982466	972789	970346	975200	0.66	cps
Molybdenum	94-1	11374	11561	11668	11535	1.29	cps
Molybdenum	95-1	663	717	667	682	4.38	cps
Molybdenum	96-1	3347	3264	3357	3323	1.54	cps
Molybdenum	97-1	467	490	477	478	2.45	cps
Molybdenum	98-1	1073	1180	1057	1103	6.07	cps
Neodymium	150-1	18015	17891	18025	17977	0.41	cps
Neodymium	150-2	11128	11208	11475	11270	1.61	cps
Nickel	60-2	30184	30989	29763	30312	2.05	cps
Phosphorus	31-2	6005	5898	6161	6021	2.20	cps
Potassium	39-2	412301	409848	413646	411932	0.47	cps
Rhodium	103-1	12328714	12322029	12068661	12239801	1.21	cps
Rhodium	103-2	7630601	7725836	7501277	7619238	1.48	cps
Scandium	45-1	7194844	7052293	7007813	7084983	1.38	cps
Scandium	45-2	683522	686489	680533	683515	0.44	cps
Selenium	82-1	588	636	520	581	10.00	cps
Selenium	77-2	33	27	27	29	13.31	cps
Selenium	78-2	590	583	580	584	0.87	cps
Silicon	28-1	3080065	3085611	3035323	3067000	0.90	cps
Silver	107-1	300	300	333	311	6.19	cps
Silver	109-1	217	203	270	230	15.34	cps
Sodium	23-2	66024	66101	65378	65834	0.60	cps
Strontium	86-1	59426	58998	57682	58702	1.55	cps
Strontium	88-1	516635	510420	513066	513374	0.61	cps
Sulfur	34-1	170256	170634	171237	170709	0.29	cps
Terbium	159-1	16363010	16371103	15984710	16239608	1.36	cps
Terbium	159-2	11650415	11596600	11663709	11636908	0.31	cps
Thallium	203-1	733	663	790	729	8.70	cps
Thallium	205-1	1760	1680	1820	1753	4.01	cps
Tin	118-1	3040	3244	3234	3173	3.61	cps
Titanium	47-1	557486	548207	543941	549878	1.26	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LX5	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	5
Date & Time Acquired :	2024-12-20 16:33:58	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11338	11605	11669	11537	1.52	cps
Vanadium	51-2	116677	117415	116371	116821	0.46	cps
Yttrium	89-1	15416866	15353419	15269496	15346594	0.48	cps
Yttrium	89-2	4512605	4574488	4469307	4518800	1.17	cps
Zinc	66-2	39044	39218	39231	39165	0.27	cps
Zirconium	90-1	29770	30074	29961	29935	0.51	cps
Zirconium	91-1	6772	6758	6755	6762	0.13	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:37:09	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10217435	10146282	10204662	10189460	0.37	cps
Antimony	121-1	993839	997731	996691	996087	0.20	cps
Arsenic	75-2	40693	40531	40611	40612	0.20	cps
Barium	135-1	5975633	6012999	5934048	5974226	0.66	cps
Barium	137-1	10400544	10261343	10320745	10327544	0.68	cps
Beryllium	9-1	61521	61665	61297	61494	0.30	cps
Bismuth	209-1	9861579	9591897	9606153	9686543	1.57	cps
Bismuth	209-2	8068979	8168252	8147232	8128154	0.64	cps
Bromine	81-1	16496	16670	16539	16568	0.55	cps
Bromine	81-2	350	283	373	336	13.92	cps
Cadmium	108-1	8946	8873	8946	8922	0.47	cps
Cadmium	106-1	16736	16543	16092	16457	2.01	cps
Cadmium	111-1	135820	137330	134640	135930	0.99	cps
Calcium	43-1	528584	535109	527404	530366	0.78	cps
Calcium	44-1	8336395	8253145	8404326	8331289	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1375092	1383216	1401447	1386585	0.97	cps
Cobalt	59-2	3836749	3783860	3781885	3800831	0.82	cps
Copper	63-2	1825571	1798646	1802785	1809001	0.80	cps
Dysprosium	156-1	52595	52220	52270	52362	0.39	cps
Dysprosium	156-2	49567	49751	49012	49443	0.78	cps
Erbium	164-1	41161	40809	41802	41257	1.22	cps
Erbium	164-2	31221	30296	29859	30459	2.28	cps
Gadolinium	160-1	43664	44678	43056	43799	1.87	cps
Gadolinium	160-2	34265	33998	34255	34173	0.44	cps
Holmium	165-1	16234718	16194514	15892766	16107332	1.16	cps
Holmium	165-2	11745534	11776988	11736421	11752981	0.18	cps
Indium	115-1	13265311	13004058	12914788	13061386	1.39	cps
Indium	115-2	5095606	5023839	5012677	5044041	0.89	cps
Iron	56-2	348788288	350470808	348368955	349209350	0.32	cps
Iron	57-2	8751681	8593680	8601991	8649117	1.03	cps
Iron	54-2	19298831	19063988	19092421	19151747	0.67	cps
Krypton	83-1	337	313	327	326	3.60	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:37:09	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357999	356119	350288	354802	1.13	cps
Lead	207-1	266501	266222	266339	266354	0.05	cps
Lead	208-1	1276055	1274702	1275601	1275453	0.05	cps
Lithium	6-1	1801473	1776113	1813859	1797148	1.07	cps
Magnesium	24-2	12045405	12140504	12035424	12073778	0.48	cps
Manganese	55-2	6730916	6703352	6665371	6699880	0.49	cps
Molybdenum	94-1	57723	57178	57419	57440	0.48	cps
Molybdenum	95-1	2810	2940	2840	2864	2.38	cps
Molybdenum	96-1	16259	16086	15638	15994	2.00	cps
Molybdenum	97-1	1750	1943	1923	1872	5.68	cps
Molybdenum	98-1	4464	4527	4394	4462	1.50	cps
Neodymium	150-1	91095	90465	91199	90919	0.44	cps
Neodymium	150-2	57938	57112	57008	57353	0.89	cps
Nickel	60-2	995572	986397	990903	990957	0.46	cps
Phosphorus	31-2	28841	28790	28817	28816	0.09	cps
Potassium	39-2	1703693	1710245	1695817	1703252	0.42	cps
Rhodium	103-1	12361154	12251954	12100909	12238006	1.07	cps
Rhodium	103-2	7413745	7506225	7462696	7460888	0.62	cps
Scandium	45-1	7374924	7200015	7298393	7291110	1.20	cps
Scandium	45-2	693803	687668	691189	690887	0.45	cps
Selenium	82-1	16481	16395	16673	16516	0.86	cps
Selenium	77-2	2017	2067	2027	2037	1.30	cps
Selenium	78-2	6735	6592	6818	6715	1.71	cps
Silicon	28-1	11328694	11219931	11190254	11246293	0.65	cps
Silver	107-1	629987	629006	627480	628824	0.20	cps
Silver	109-1	595152	604953	595539	598548	0.93	cps
Sodium	23-2	229183	228011	227580	228258	0.36	cps
Strontium	86-1	293387	291967	290681	292012	0.46	cps
Strontium	88-1	2658603	2642985	2616044	2639211	0.82	cps
Sulfur	34-1	175690	174373	171318	173793	1.29	cps
Terbium	159-1	16970390	16610510	16477437	16686112	1.53	cps
Terbium	159-2	11803654	11660010	11690785	11718150	0.65	cps
Thallium	203-1	463411	462557	457201	461056	0.73	cps
Thallium	205-1	1087652	1090981	1089686	1089440	0.15	cps
Tin	118-1	8786	8879	9016	8894	1.30	cps
Titanium	47-1	2815692	2816513	2784692	2805632	0.65	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:37:09	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57349	57560	57326	57412	0.22	cps
Vanadium	51-2	2545770	2511338	2525477	2527529	0.68	cps
Yttrium	89-1	16344972	16210969	15665325	16073755	2.24	cps
Yttrium	89-2	4678201	4644831	4605739	4642924	0.78	cps
Zinc	66-2	606336	606533	601487	604785	0.47	cps
Zirconium	90-1	150707	152401	150362	151157	0.72	cps
Zirconium	91-1	33715	34387	33218	33773	1.74	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MS	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:40:10	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11520106	11571255	11507891	11533084	0.29	cps
Antimony	121-1	4456672	4389528	4410221	4418807	0.78	cps
Arsenic	75-2	136699	136019	134566	135761	0.80	cps
Barium	135-1	23189815	22878285	22976048	23014716	0.69	cps
Barium	137-1	40044618	39684484	39874352	39867818	0.45	cps
Beryllium	9-1	257605	258193	256564	257454	0.32	cps
Bismuth	209-1	9819518	9640389	9395577	9618495	2.21	cps
Bismuth	209-2	8095577	7989123	8054389	8046363	0.67	cps
Bromine	81-1	16366	16389	16503	16419	0.45	cps
Bromine	81-2	410	343	393	382	9.08	cps
Cadmium	108-1	36870	36633	36422	36642	0.61	cps
Cadmium	106-1	54987	55860	54930	55259	0.94	cps
Cadmium	111-1	559204	560738	557568	559170	0.28	cps
Calcium	43-1	521207	517827	514136	517723	0.68	cps
Calcium	44-1	8200572	8129209	8068085	8132622	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4217253	4190674	4126301	4178076	1.12	cps
Cobalt	59-2	14469349	14480177	14530484	14493337	0.23	cps
Copper	63-2	5510601	5477722	5453451	5480591	0.52	cps
Dysprosium	156-1	50179	51149	50664	50664	0.96	cps
Dysprosium	156-2	48942	48687	48055	48561	0.94	cps
Erbium	164-1	40305	40846	39579	40243	1.58	cps
Erbium	164-2	30006	29788	29508	29767	0.84	cps
Gadolinium	160-1	43350	43039	42481	42957	1.03	cps
Gadolinium	160-2	33032	33537	32869	33146	1.05	cps
Holmium	165-1	16505260	16303001	15807802	16205354	2.21	cps
Holmium	165-2	11839171	11592020	11796794	11742662	1.13	cps
Indium	115-1	13234273	12793833	12746842	12924983	2.08	cps
Indium	115-2	4950378	4979580	4998695	4976218	0.49	cps
Iron	56-2	351451088	348013528	347751221	349071946	0.59	cps
Iron	57-2	8715447	8603831	8587914	8635730	0.80	cps
Iron	54-2	19335830	19045063	19152467	19177787	0.77	cps
Krypton	83-1	310	263	350	308	14.09	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MS	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:40:10	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	862035	861608	856193	859945	0.38	cps
Lead	207-1	680328	678988	667033	675450	1.08	cps
Lead	208-1	3211162	3207663	3163419	3194081	0.83	cps
Lithium	6-1	1847072	1773349	1785456	1801959	2.19	cps
Magnesium	24-2	11852331	11736321	11770610	11786421	0.51	cps
Manganese	55-2	12204636	12029359	12009084	12081026	0.89	cps
Molybdenum	94-1	55923	55742	55903	55856	0.18	cps
Molybdenum	95-1	3344	2964	2927	3078	7.50	cps
Molybdenum	96-1	15655	16146	15572	15791	1.96	cps
Molybdenum	97-1	1887	1837	1787	1837	2.72	cps
Molybdenum	98-1	5224	5148	5054	5142	1.66	cps
Neodymium	150-1	90263	90803	89448	90171	0.76	cps
Neodymium	150-2	55786	55612	54726	55375	1.03	cps
Nickel	60-2	3818088	3809873	3811794	3813252	0.11	cps
Phosphorus	31-2	27959	27592	27562	27704	0.80	cps
Potassium	39-2	1665756	1644890	1662452	1657699	0.68	cps
Rhodium	103-1	12286553	12028167	11842032	12052251	1.85	cps
Rhodium	103-2	7387269	7361899	7301597	7350255	0.60	cps
Scandium	45-1	7386933	7153727	7124928	7221863	1.99	cps
Scandium	45-2	675424	672579	676716	674906	0.31	cps
Selenium	82-1	78648	78707	77286	78213	1.03	cps
Selenium	77-2	8889	9306	8989	9062	2.40	cps
Selenium	78-2	31106	31320	31296	31241	0.38	cps
Silicon	28-1	11148525	11099197	11089797	11112506	0.28	cps
Silver	107-1	2544511	2671263	2608722	2608165	2.43	cps
Silver	109-1	2758066	2563804	2637540	2653137	3.70	cps
Sodium	23-2	220157	221920	220557	220878	0.42	cps
Strontium	86-1	283872	287019	284361	285084	0.59	cps
Strontium	88-1	2590899	2617705	2579794	2596133	0.75	cps
Sulfur	34-1	167305	163275	160917	163832	1.97	cps
Terbium	159-1	16774020	16595732	16285930	16551894	1.49	cps
Terbium	159-2	11603697	11614870	11602008	11606858	0.06	cps
Thallium	203-1	2123687	2099255	2102333	2108425	0.63	cps
Thallium	205-1	5027251	4984461	4950325	4987346	0.77	cps
Tin	118-1	8619	8666	8809	8698	1.14	cps
Titanium	47-1	2799030	2739723	2742840	2760531	1.21	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MS	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 16:40:10	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	56482	57148	55826	56486	1.17	cps
Vanadium	51-2	8594438	8589090	8533544	8572358	0.39	cps
Yttrium	89-1	16166742	15879289	15652202	15899411	1.62	cps
Yttrium	89-2	4550182	4584644	4599870	4578232	0.56	cps
Zinc	66-2	1977706	1967295	1960080	1968360	0.45	cps
Zirconium	90-1	147620	147872	144297	146596	1.36	cps
Zirconium	91-1	33542	33017	32466	33008	1.63	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:43:03	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2698788	2717063	2714258	2710036	0.36	cps
Antimony	121-1	1820	1580	1467	1622	11.12	cps
Arsenic	75-2	3373	3405	3485	3421	1.69	cps
Barium	135-1	289356	287017	286919	287764	0.48	cps
Barium	137-1	505876	498658	497024	500519	0.94	cps
Beryllium	9-1	563	573	613	583	4.54	cps
Bismuth	209-1	9773752	9471687	9653251	9632896	1.58	cps
Bismuth	209-2	8250917	8058469	8027105	8112164	1.49	cps
Bromine	81-1	16399	16483	16653	16512	0.78	cps
Bromine	81-2	290	337	363	330	11.25	cps
Cadmium	108-1	57	47	40	48	17.56	cps
Cadmium	106-1	3897	3771	3624	3764	3.64	cps
Cadmium	111-1	3118	3067	2955	3047	2.73	cps
Calcium	43-1	150507	149656	146772	148979	1.31	cps
Calcium	44-1	2384621	2354228	2375476	2371442	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43362	43075	42898	43111	0.54	cps
Cobalt	59-2	81111	80880	82371	81454	0.99	cps
Copper	63-2	118568	118568	117826	118321	0.36	cps
Dysprosium	156-1	23870	23386	22789	23348	2.32	cps
Dysprosium	156-2	20655	21066	21046	20922	1.11	cps
Erbium	164-1	21290	20856	20882	21009	1.16	cps
Erbium	164-2	15599	15702	14821	15374	3.13	cps
Gadolinium	160-1	23249	22264	22117	22544	2.73	cps
Gadolinium	160-2	18212	17831	18038	18027	1.06	cps
Holmium	165-1	16020297	15818820	15509142	15782753	1.63	cps
Holmium	165-2	11783946	11542494	11378838	11568426	1.76	cps
Indium	115-1	13228780	12792420	12797559	12939586	1.94	cps
Indium	115-2	5098040	5050851	5047712	5065534	0.56	cps
Iron	56-2	78798079	78823409	78819082	78813523	0.02	cps
Iron	57-2	1984511	1959905	1943385	1962600	1.05	cps
Iron	54-2	4330898	4309645	4347754	4329432	0.44	cps
Krypton	83-1	237	273	233	248	8.96	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:43:03	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	74700	72964	71654	73106	2.09	cps
Lead	207-1	62764	61619	61167	61850	1.33	cps
Lead	208-1	285847	282434	278543	282275	1.29	cps
Lithium	6-1	1795838	1751053	1748632	1765174	1.51	cps
Magnesium	24-2	2258445	2245549	2258328	2254108	0.33	cps
Manganese	55-2	2451232	2435275	2410945	2432484	0.83	cps
Molybdenum	94-1	4317	4141	4001	4153	3.82	cps
Molybdenum	95-1	413	357	333	368	11.19	cps
Molybdenum	96-1	1810	1787	1910	1836	3.57	cps
Molybdenum	97-1	213	240	190	214	11.67	cps
Molybdenum	98-1	460	430	433	441	3.73	cps
Neodymium	150-1	38389	38048	37951	38129	0.60	cps
Neodymium	150-2	24081	23720	23553	23785	1.13	cps
Nickel	60-2	20828	20664	20110	20534	1.83	cps
Phosphorus	31-2	7439	7459	7222	7373	1.78	cps
Potassium	39-2	1220978	1224812	1254466	1233419	1.49	cps
Rhodium	103-1	12282904	12127209	12035326	12148479	1.03	cps
Rhodium	103-2	7632847	7592967	7419552	7548455	1.50	cps
Scandium	45-1	7127520	7058039	7078359	7087973	0.50	cps
Scandium	45-2	681573	678015	677555	679047	0.32	cps
Selenium	82-1	633	500	498	544	14.22	cps
Selenium	77-2	87	80	60	76	18.37	cps
Selenium	78-2	607	560	600	589	4.29	cps
Silicon	28-1	2439996	2377949	2406959	2408301	1.29	cps
Silver	107-1	1253	1163	993	1137	11.62	cps
Silver	109-1	1043	907	857	936	10.33	cps
Sodium	23-2	45123	45136	45751	45337	0.79	cps
Strontium	86-1	69714	69634	69892	69746	0.19	cps
Strontium	88-1	610291	606930	604505	607242	0.48	cps
Sulfur	34-1	164899	163888	165532	164773	0.50	cps
Terbium	159-1	16622808	16347425	16335840	16435358	0.99	cps
Terbium	159-2	11585878	11407121	11407084	11466694	0.90	cps
Thallium	203-1	1423	1280	1413	1372	5.83	cps
Thallium	205-1	3300	3227	3124	3217	2.76	cps
Tin	118-1	1710	1920	1550	1727	10.75	cps
Titanium	47-1	38155	38319	42028	39500	5.55	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:43:03	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6558	6518	6398	6492	1.28	cps
Vanadium	51-2	91787	91042	91371	91400	0.41	cps
Yttrium	89-1	15515314	15394533	15421611	15443819	0.41	cps
Yttrium	89-2	4595436	4570445	4558642	4574841	0.41	cps
Zinc	66-2	48318	48696	48100	48371	0.62	cps
Zirconium	90-1	10908	11081	11004	10998	0.79	cps
Zirconium	91-1	2397	2344	2270	2337	2.72	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:46:14	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2942469	2912277	2949945	2934897	0.68	cps
Antimony	121-1	370	400	333	368	9.08	cps
Arsenic	75-2	3960	4048	3882	3963	2.09	cps
Barium	135-1	310146	309580	308894	309540	0.20	cps
Barium	137-1	540494	537495	534158	537383	0.59	cps
Beryllium	9-1	543	613	583	580	6.05	cps
Bismuth	209-1	9725926	9627027	9391228	9581394	1.79	cps
Bismuth	209-2	8118803	8022610	8029686	8057033	0.67	cps
Bromine	81-1	16723	16613	16402	16579	0.98	cps
Bromine	81-2	333	300	343	326	6.97	cps
Cadmium	108-1	60	43	67	57	21.21	cps
Cadmium	106-1	3974	3814	3711	3833	3.46	cps
Cadmium	111-1	3193	3063	2984	3080	3.43	cps
Calcium	43-1	165599	164177	164451	164742	0.46	cps
Calcium	44-1	2623645	2575597	2554903	2584715	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48742	48571	48668	48660	0.18	cps
Cobalt	59-2	89505	88743	89176	89141	0.43	cps
Copper	63-2	130052	129396	131081	130177	0.65	cps
Dysprosium	156-1	25714	25984	25600	25766	0.77	cps
Dysprosium	156-2	22695	22171	22635	22500	1.27	cps
Erbium	164-1	23323	22915	22385	22874	2.06	cps
Erbium	164-2	16306	17047	17094	16816	2.63	cps
Gadolinium	160-1	24438	24428	24405	24424	0.07	cps
Gadolinium	160-2	19320	19487	19260	19356	0.61	cps
Holmium	165-1	15863389	15731054	15709112	15767852	0.53	cps
Holmium	165-2	11538300	11459608	11641812	11546574	0.79	cps
Indium	115-1	13274071	12988650	12882625	13048448	1.55	cps
Indium	115-2	5076623	5043410	5046329	5055454	0.36	cps
Iron	56-2	87335039	86261395	86226562	86607665	0.73	cps
Iron	57-2	2156942	2152372	2166618	2158644	0.34	cps
Iron	54-2	4733692	4742820	4710675	4729062	0.35	cps
Krypton	83-1	283	283	267	278	3.46	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:46:14	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	77412	77291	77462	77388	0.11	cps
Lead	207-1	65390	64609	64753	64917	0.64	cps
Lead	208-1	297679	298882	296193	297585	0.45	cps
Lithium	6-1	1743414	1728607	1707812	1726611	1.04	cps
Magnesium	24-2	2432052	2433730	2426911	2430898	0.15	cps
Manganese	55-2	2656472	2639432	2642744	2646216	0.34	cps
Molybdenum	94-1	4701	4701	4664	4689	0.45	cps
Molybdenum	95-1	447	517	400	454	12.92	cps
Molybdenum	96-1	2274	2084	2130	2162	4.58	cps
Molybdenum	97-1	283	260	333	292	12.82	cps
Molybdenum	98-1	643	683	620	649	4.94	cps
Neodymium	150-1	41561	41340	41080	41327	0.58	cps
Neodymium	150-2	26258	26408	26649	26438	0.75	cps
Nickel	60-2	23749	23018	22831	23199	2.09	cps
Phosphorus	31-2	8899	8626	8896	8807	1.78	cps
Potassium	39-2	1381053	1355199	1355788	1364013	1.08	cps
Rhodium	103-1	12359312	12237321	12005499	12200711	1.47	cps
Rhodium	103-2	7530910	7519541	7513418	7521290	0.12	cps
Scandium	45-1	7175869	7104285	7105785	7128646	0.57	cps
Scandium	45-2	687493	682923	688407	686274	0.43	cps
Selenium	82-1	505	555	525	528	4.70	cps
Selenium	77-2	83	83	57	74	20.68	cps
Selenium	78-2	633	563	603	600	5.85	cps
Silicon	28-1	2317848	2254735	2172063	2248215	3.25	cps
Silver	107-1	650	460	543	551	17.28	cps
Silver	109-1	470	457	537	488	8.79	cps
Sodium	23-2	47363	47557	47423	47447	0.21	cps
Strontium	86-1	75623	74983	74296	74967	0.89	cps
Strontium	88-1	661488	660590	653000	658359	0.71	cps
Sulfur	34-1	168949	166543	166623	167372	0.82	cps
Terbium	159-1	16649303	16451431	16211179	16437304	1.33	cps
Terbium	159-2	11646922	11567045	11556211	11590059	0.43	cps
Thallium	203-1	1027	1083	973	1028	5.35	cps
Thallium	205-1	2560	2547	2694	2600	3.12	cps
Tin	118-1	1673	1797	1687	1719	3.94	cps
Titanium	47-1	77715	76073	77021	76936	1.07	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:46:14	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7169	6878	7122	7056	2.21	cps
Vanadium	51-2	106687	105734	106740	106387	0.53	cps
Yttrium	89-1	15814945	15522161	15446634	15594580	1.25	cps
Yttrium	89-2	4595273	4579721	4661100	4612031	0.94	cps
Zinc	66-2	52750	52281	52418	52483	0.46	cps
Zirconium	90-1	11588	11938	12205	11910	2.60	cps
Zirconium	91-1	2574	2667	2500	2580	3.24	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 16:49:22	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	532174	530894	531106	531391	0.13	cps
Antimony	121-1	260	223	247	243	7.63	cps
Arsenic	75-2	747	664	654	688	7.46	cps
Barium	135-1	57194	58027	56973	57398	0.97	cps
Barium	137-1	100284	101137	101069	100830	0.47	cps
Beryllium	9-1	173	163	173	170	3.40	cps
Bismuth	209-1	9932985	9783659	9648714	9788452	1.45	cps
Bismuth	209-2	8158137	8228794	8091913	8159615	0.84	cps
Bromine	81-1	16159	16212	15618	15997	2.05	cps
Bromine	81-2	243	243	270	252	6.10	cps
Cadmium	108-1	10	23	27	20	44.10	cps
Cadmium	106-1	3744	3567	3470	3594	3.86	cps
Cadmium	111-1	2700	2557	2497	2585	4.04	cps
Calcium	43-1	30564	30611	30150	30442	0.83	cps
Calcium	44-1	500653	499501	494846	498334	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9630	9873	9833	9779	1.34	cps
Cobalt	59-2	16946	16926	16803	16892	0.46	cps
Copper	63-2	24493	24700	24370	24521	0.68	cps
Dysprosium	156-1	4674	4607	4744	4675	1.46	cps
Dysprosium	156-2	3934	4201	4077	4071	3.28	cps
Erbium	164-1	4181	4277	4397	4285	2.53	cps
Erbium	164-2	2984	3220	3230	3145	4.44	cps
Gadolinium	160-1	4434	4547	4387	4456	1.85	cps
Gadolinium	160-2	4257	4104	4087	4150	2.26	cps
Holmium	165-1	16092012	15814188	15708998	15871733	1.25	cps
Holmium	165-2	11544534	11587921	11449562	11527339	0.61	cps
Indium	115-1	13401201	13040660	12990697	13144186	1.70	cps
Indium	115-2	5140792	5090162	5101321	5110758	0.52	cps
Iron	56-2	15940904	15872131	15891345	15901460	0.22	cps
Iron	57-2	402465	400940	400735	401380	0.24	cps
Iron	54-2	893320	888134	881816	887757	0.65	cps
Krypton	83-1	247	240	203	230	10.14	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 16:49:22	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14962	14648	14831	14814	1.06	cps
Lead	207-1	12706	12719	12589	12672	0.56	cps
Lead	208-1	57851	57972	57755	57859	0.19	cps
Lithium	6-1	1719040	1691816	1669938	1693598	1.45	cps
Magnesium	24-2	440113	435073	438430	437872	0.59	cps
Manganese	55-2	486139	487733	483149	485674	0.48	cps
Molybdenum	94-1	1137	1090	1187	1138	4.25	cps
Molybdenum	95-1	260	193	223	226	14.80	cps
Molybdenum	96-1	567	580	547	564	2.97	cps
Molybdenum	97-1	167	140	100	136	24.75	cps
Molybdenum	98-1	357	320	277	318	12.60	cps
Neodymium	150-1	7976	7742	7812	7843	1.53	cps
Neodymium	150-2	4731	4888	4627	4749	2.76	cps
Nickel	60-2	4667	4244	4204	4372	5.87	cps
Phosphorus	31-2	1653	1560	1650	1621	3.27	cps
Potassium	39-2	313958	310475	309184	311206	0.79	cps
Rhodium	103-1	12619276	12133946	12147807	12300343	2.25	cps
Rhodium	103-2	7686622	7633724	7697237	7672528	0.44	cps
Scandium	45-1	7190037	7083558	7005823	7093139	1.30	cps
Scandium	45-2	685894	677325	682742	681987	0.64	cps
Selenium	82-1	571	614	549	578	5.68	cps
Selenium	77-2	10	17	10	12	31.50	cps
Selenium	78-2	523	603	580	569	7.23	cps
Silicon	28-1	943233	950829	943458	945840	0.46	cps
Silver	107-1	227	237	163	209	19.04	cps
Silver	109-1	207	207	173	196	9.84	cps
Sodium	23-2	27070	26947	27378	27132	0.82	cps
Strontium	86-1	13743	14581	13953	14092	3.09	cps
Strontium	88-1	122868	123551	122653	123024	0.38	cps
Sulfur	34-1	160688	159024	158007	159240	0.85	cps
Terbium	159-1	16533355	16167522	16119998	16273625	1.39	cps
Terbium	159-2	11452843	11393264	11388082	11411396	0.32	cps
Thallium	203-1	437	463	463	454	3.39	cps
Thallium	205-1	1110	1050	1093	1085	2.86	cps
Tin	118-1	1740	1523	1657	1640	6.66	cps
Titanium	47-1	7642	7875	7779	7765	1.51	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZR8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 16:49:22	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1317	1347	1347	1337	1.30	cps
Vanadium	51-2	18612	18231	18582	18475	1.14	cps
Yttrium	89-1	15734902	15229540	15345529	15436657	1.71	cps
Yttrium	89-2	4557452	4507927	4511807	4525729	0.61	cps
Zinc	66-2	9940	10030	10090	10020	0.75	cps
Zirconium	90-1	2937	2807	2924	2889	2.48	cps
Zirconium	91-1	670	593	600	621	6.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:52:39	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3104863	3106756	3096270	3102630	0.18	cps
Antimony	121-1	273690	277953	276016	275886	0.77	cps
Arsenic	75-2	12229	12352	12410	12330	0.75	cps
Barium	135-1	1841574	1923443	1869362	1878126	2.22	cps
Barium	137-1	3205710	3303179	3229202	3246031	1.57	cps
Beryllium	9-1	17150	17240	17780	17390	1.96	cps
Bismuth	209-1	10629750	9808009	9635186	10024315	5.30	cps
Bismuth	209-2	8135993	8215932	8159907	8170611	0.50	cps
Bromine	81-1	16493	16045	16916	16485	2.64	cps
Bromine	81-2	287	337	327	317	8.36	cps
Cadmium	108-1	2500	2524	2414	2479	2.34	cps
Cadmium	106-1	7599	7505	6735	7280	6.51	cps
Cadmium	111-1	39423	39626	39655	39568	0.32	cps
Calcium	43-1	163807	165111	165788	164902	0.61	cps
Calcium	44-1	2580028	2635019	2567222	2594090	1.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	307144	307682	306710	307179	0.16	cps
Cobalt	59-2	1089221	1092561	1089615	1090466	0.17	cps
Copper	63-2	474016	469010	467647	470224	0.71	cps
Dysprosium	156-1	25266	26565	25266	25699	2.92	cps
Dysprosium	156-2	22742	22411	22852	22668	1.01	cps
Erbium	164-1	22351	23306	22588	22749	2.19	cps
Erbium	164-2	16990	17151	17184	17108	0.60	cps
Gadolinium	160-1	24772	24815	23857	24481	2.21	cps
Gadolinium	160-2	19941	19313	19821	19692	1.69	cps
Holmium	165-1	17582472	16023252	15708255	16437993	6.11	cps
Holmium	165-2	11693854	11862485	11660894	11739078	0.92	cps
Indium	115-1	14445413	13154574	12990875	13530287	5.89	cps
Indium	115-2	5130470	5122151	5077152	5109924	0.56	cps
Iron	56-2	88018752	87763472	87776582	87852935	0.16	cps
Iron	57-2	2211439	2198650	2198712	2202934	0.33	cps
Iron	54-2	4871355	4810913	4766917	4816395	1.09	cps
Krypton	83-1	290	227	303	273	14.99	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:52:39	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	121486	122418	121588	121831	0.42	cps
Lead	207-1	100334	102580	102496	101803	1.25	cps
Lead	208-1	468612	474042	472968	471874	0.61	cps
Lithium	6-1	1868929	1702658	1757610	1776399	4.77	cps
Magnesium	24-2	2456334	2449294	2394340	2433323	1.39	cps
Manganese	55-2	3198957	3196496	3194035	3196496	0.08	cps
Molybdenum	94-1	4641	4798	4681	4706	1.73	cps
Molybdenum	95-1	480	577	427	494	15.38	cps
Molybdenum	96-1	2060	2080	2154	2098	2.34	cps
Molybdenum	97-1	313	247	263	274	12.64	cps
Molybdenum	98-1	720	610	610	647	9.82	cps
Neodymium	150-1	41394	41932	41658	41661	0.65	cps
Neodymium	150-2	26755	25870	26455	26360	1.71	cps
Nickel	60-2	276857	277070	277976	277301	0.21	cps
Phosphorus	31-2	8532	8229	8172	8311	2.33	cps
Potassium	39-2	1372976	1360105	1359158	1364080	0.57	cps
Rhodium	103-1	13346569	12350645	12307466	12668227	4.64	cps
Rhodium	103-2	7651023	7658796	7490066	7599962	1.25	cps
Scandium	45-1	7852913	7276055	7138984	7422651	5.10	cps
Scandium	45-2	694213	692350	688542	691702	0.42	cps
Selenium	82-1	3104	3087	3023	3071	1.39	cps
Selenium	77-2	400	417	370	396	5.98	cps
Selenium	78-2	1600	1623	1557	1593	2.12	cps
Silicon	28-1	2430877	2501656	2693184	2541906	5.34	cps
Silver	107-1	190138	195555	196146	193947	1.71	cps
Silver	109-1	182348	186456	185359	184721	1.15	cps
Sodium	23-2	48326	47864	47179	47789	1.21	cps
Strontium	86-1	75945	78347	77362	77218	1.56	cps
Strontium	88-1	657144	673204	669630	666659	1.26	cps
Sulfur	34-1	166826	163791	161813	164143	1.54	cps
Terbium	159-1	17950999	16791313	16307636	17016650	4.96	cps
Terbium	159-2	11618475	11752749	11825566	11732264	0.90	cps
Thallium	203-1	126423	128680	128902	128002	1.07	cps
Thallium	205-1	302630	308762	305881	305758	1.00	cps
Tin	118-1	1823	1897	1787	1836	3.05	cps
Titanium	47-1	47651	48314	51971	49312	4.72	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:52:39	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6925	7202	7272	7133	2.57	cps
Vanadium	51-2	669339	663880	665895	666371	0.41	cps
Yttrium	89-1	17240359	15963880	15667754	16290664	5.13	cps
Yttrium	89-2	4652265	4583878	4640674	4625605	0.79	cps
Zinc	66-2	177400	177221	176095	176905	0.40	cps
Zirconium	90-1	12329	12195	12098	12207	0.95	cps
Zirconium	91-1	2680	2720	2647	2683	1.37	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:55:45	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2536107	2542344	2495975	2524809	1.00	cps
Antimony	121-1	864948	858021	851790	858253	0.77	cps
Arsenic	75-2	29268	29580	29935	29594	1.13	cps
Barium	135-1	4834480	4787165	4749081	4790242	0.89	cps
Barium	137-1	8209922	8288504	8249001	8249143	0.48	cps
Beryllium	9-1	51311	52264	50448	51341	1.77	cps
Bismuth	209-1	9872130	9882349	9672939	9809139	1.20	cps
Bismuth	209-2	8227129	8365987	8221302	8271473	0.99	cps
Bromine	81-1	16426	16332	16329	16362	0.34	cps
Bromine	81-2	323	283	273	293	9.02	cps
Cadmium	108-1	7569	7592	7775	7645	1.48	cps
Cadmium	106-1	14347	14154	14254	14252	0.68	cps
Cadmium	111-1	118726	118574	115872	117724	1.36	cps
Calcium	43-1	118350	118316	117655	118107	0.33	cps
Calcium	44-1	1925998	1855216	1821421	1867545	2.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	791686	795561	788811	792019	0.43	cps
Cobalt	59-2	3066822	3107419	3101215	3091819	0.71	cps
Copper	63-2	1086916	1083953	1090302	1087057	0.29	cps
Dysprosium	156-1	18636	18806	18776	18739	0.48	cps
Dysprosium	156-2	16867	16680	16630	16726	0.75	cps
Erbium	164-1	16490	16673	16360	16508	0.95	cps
Erbium	164-2	12175	12332	12009	12172	1.33	cps
Gadolinium	160-1	18245	17671	17708	17875	1.80	cps
Gadolinium	160-2	13917	13937	14241	14032	1.29	cps
Holmium	165-1	16177567	15812587	15860092	15950082	1.24	cps
Holmium	165-2	11735812	11848436	11858749	11814332	0.58	cps
Indium	115-1	13244081	13191038	12980095	13138405	1.06	cps
Indium	115-2	5106445	5083319	5079581	5089782	0.29	cps
Iron	56-2	65523686	65332106	65343181	65399657	0.16	cps
Iron	57-2	1651181	1636771	1629292	1639081	0.68	cps
Iron	54-2	3607337	3608600	3571176	3595704	0.59	cps
Krypton	83-1	247	237	283	256	9.62	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:55:45	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	192424	190518	190472	191138	0.58	cps
Lead	207-1	157133	158738	158954	158275	0.63	cps
Lead	208-1	733579	734793	731634	733336	0.22	cps
Lithium	6-1	1734768	1758039	1735314	1742707	0.76	cps
Magnesium	24-2	1794167	1744218	1733306	1757230	1.85	cps
Manganese	55-2	3452779	3431560	3476212	3453517	0.65	cps
Molybdenum	94-1	3597	3657	4248	3834	9.39	cps
Molybdenum	95-1	453	437	417	436	4.22	cps
Molybdenum	96-1	1603	1480	1723	1602	7.59	cps
Molybdenum	97-1	213	217	240	223	6.50	cps
Molybdenum	98-1	660	633	587	627	5.92	cps
Neodymium	150-1	29948	30783	29892	30208	1.65	cps
Neodymium	150-2	18960	18839	19207	19002	0.99	cps
Nickel	60-2	756696	761974	760904	759858	0.37	cps
Phosphorus	31-2	6041	5761	5811	5871	2.54	cps
Potassium	39-2	1008878	1013560	1013820	1012086	0.27	cps
Rhodium	103-1	12492408	12378331	12180704	12350481	1.28	cps
Rhodium	103-2	7630654	7654743	7620566	7635321	0.23	cps
Scandium	45-1	7370551	7171202	7027110	7189621	2.40	cps
Scandium	45-2	686958	689964	690756	689226	0.29	cps
Selenium	82-1	16772	16652	16471	16631	0.91	cps
Selenium	77-2	2027	1980	1923	1977	2.62	cps
Selenium	78-2	7015	7192	7122	7110	1.25	cps
Silicon	28-1	2059687	1964497	2259561	2094582	7.19	cps
Silver	107-1	558045	561307	549366	556239	1.11	cps
Silver	109-1	528202	529979	530018	529399	0.20	cps
Sodium	23-2	39016	39995	39514	39508	1.24	cps
Strontium	86-1	55477	54965	54146	54863	1.22	cps
Strontium	88-1	483232	478880	475077	479063	0.85	cps
Sulfur	34-1	156815	157310	155996	156707	0.42	cps
Terbium	159-1	16589817	16601571	16441986	16544458	0.54	cps
Terbium	159-2	11737089	11628615	11595266	11653657	0.64	cps
Thallium	203-1	399799	397416	394381	397199	0.68	cps
Thallium	205-1	946930	940299	941314	942848	0.38	cps
Tin	118-1	1790	1843	1793	1809	1.65	cps
Titanium	47-1	34272	35045	34450	34589	1.17	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5188-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZR8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:55:45	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4898	4808	4804	4836	1.10	cps
Vanadium	51-2	1727295	1751306	1764347	1747649	1.08	cps
Yttrium	89-1	15790655	15749248	15523090	15687664	0.92	cps
Yttrium	89-2	4620492	4577520	4554501	4584171	0.73	cps
Zinc	66-2	400508	403238	399661	401136	0.47	cps
Zirconium	90-1	9103	9116	8816	9012	1.88	cps
Zirconium	91-1	1933	2130	2027	2030	4.85	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:58:51	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2637520	2569676	2561668	2589622	1.61	cps
Antimony	121-1	603	607	557	589	4.75	cps
Arsenic	75-2	5420	5084	4825	5110	5.84	cps
Barium	135-1	373801	373077	368341	371740	0.80	cps
Barium	137-1	647203	646346	640260	644603	0.59	cps
Beryllium	9-1	707	707	623	679	7.09	cps
Bismuth	209-1	10144206	9855356	9806406	9935322	1.84	cps
Bismuth	209-2	8349421	8176285	8221406	8249037	1.09	cps
Bromine	81-1	17037	17110	17220	17122	0.54	cps
Bromine	81-2	307	283	323	304	6.60	cps
Cadmium	108-1	83	100	90	91	9.21	cps
Cadmium	106-1	4107	3937	3907	3984	2.71	cps
Cadmium	111-1	3303	3199	3072	3192	3.63	cps
Calcium	43-1	185553	186457	185573	185861	0.28	cps
Calcium	44-1	2940529	2964074	2903693	2936099	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59313	58054	56773	58047	2.19	cps
Cobalt	59-2	61027	60043	58784	59951	1.87	cps
Copper	63-2	107499	106499	106334	106777	0.59	cps
Dysprosium	156-1	29187	30389	29735	29770	2.02	cps
Dysprosium	156-2	26211	27203	26248	26554	2.12	cps
Erbium	164-1	24518	24976	24648	24714	0.95	cps
Erbium	164-2	18549	18282	18629	18487	0.98	cps
Gadolinium	160-1	28736	28369	28329	28478	0.79	cps
Gadolinium	160-2	22088	22305	22238	22210	0.50	cps
Holmium	165-1	16538754	16084139	16078516	16233803	1.63	cps
Holmium	165-2	11838561	11630889	11631061	11700170	1.02	cps
Indium	115-1	13751129	13157307	12844166	13250867	3.48	cps
Indium	115-2	5135448	5080891	5058312	5091550	0.78	cps
Iron	56-2	63493766	62514614	62806236	62938205	0.80	cps
Iron	57-2	1560172	1565372	1586413	1570652	0.88	cps
Iron	54-2	3476520	3430273	3425983	3444259	0.81	cps
Krypton	83-1	273	290	290	284	3.38	cps

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:58:51	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	98446	99181	97160	98263	1.04	cps
Lead	207-1	84293	83732	84205	84077	0.36	cps
Lead	208-1	383795	387231	381745	384257	0.72	cps
Lithium	6-1	1818487	1757289	1741143	1772306	2.30	cps
Magnesium	24-2	2113012	2104189	2064278	2093826	1.24	cps
Manganese	55-2	1822821	1830138	1812240	1821733	0.49	cps
Molybdenum	94-1	22554	22631	22180	22455	1.07	cps
Molybdenum	95-1	587	527	640	584	9.70	cps
Molybdenum	96-1	4858	4904	4851	4871	0.60	cps
Molybdenum	97-1	430	383	373	396	7.65	cps
Molybdenum	98-1	890	903	867	887	2.09	cps
Neodymium	150-1	52042	54046	52497	52862	1.99	cps
Neodymium	150-2	33012	32655	32758	32808	0.56	cps
Nickel	60-2	24276	24116	24440	24278	0.67	cps
Phosphorus	31-2	12802	12785	12298	12629	2.27	cps
Potassium	39-2	1289901	1285231	1242450	1272527	2.06	cps
Rhodium	103-1	12998266	12236743	12272921	12502643	3.44	cps
Rhodium	103-2	7665656	7539893	7566632	7590727	0.87	cps
Scandium	45-1	7557288	7188201	7092107	7279199	3.37	cps
Scandium	45-2	693109	682992	677653	684585	1.15	cps
Selenium	82-1	660	599	550	603	9.17	cps
Selenium	77-2	100	57	120	92	35.10	cps
Selenium	78-2	617	673	613	634	5.31	cps
Silicon	28-1	4600180	4554211	4532547	4562313	0.76	cps
Silver	107-1	1157	1150	933	1080	11.77	cps
Silver	109-1	1220	947	867	1011	18.32	cps
Sodium	23-2	44454	44176	43251	43960	1.43	cps
Strontium	86-1	98409	98681	96782	97957	1.05	cps
Strontium	88-1	856596	860112	848747	855151	0.68	cps
Sulfur	34-1	166209	169680	167796	167895	1.03	cps
Terbium	159-1	17214228	16553146	16469006	16745460	2.44	cps
Terbium	159-2	11851479	11639374	11637553	11709469	1.05	cps
Thallium	203-1	1043	1003	997	1014	2.49	cps
Thallium	205-1	2580	2577	2377	2511	4.64	cps
Tin	118-1	1867	1973	1970	1937	3.13	cps
Titanium	47-1	31236	31132	31272	31213	0.23	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 16:58:51	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7125	7432	7422	7327	2.38	cps
Vanadium	51-2	93018	92290	91622	92310	0.76	cps
Yttrium	89-1	16432090	15718013	15719888	15956664	2.58	cps
Yttrium	89-2	4666089	4595583	4600163	4620612	0.85	cps
Zinc	66-2	59940	59986	58892	59606	1.04	cps
Zirconium	90-1	60601	59821	59597	60006	0.88	cps
Zirconium	91-1	13500	13800	12879	13393	3.51	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:02:00	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2921565	2871410	2829820	2874265	1.60	cps
Antimony	121-1	267	297	340	301	12.24	cps
Arsenic	75-2	5560	5823	5549	5644	2.75	cps
Barium	135-1	401750	392436	392760	395649	1.34	cps
Barium	137-1	686949	686719	682001	685223	0.41	cps
Beryllium	9-1	730	667	700	699	4.53	cps
Bismuth	209-1	9839185	9743908	9793981	9792358	0.49	cps
Bismuth	209-2	8222343	8205110	8227379	8218277	0.14	cps
Bromine	81-1	16810	16703	17083	16865	1.16	cps
Bromine	81-2	330	310	347	329	5.58	cps
Cadmium	108-1	143	103	100	116	20.87	cps
Cadmium	106-1	4064	3967	4044	4025	1.27	cps
Cadmium	111-1	3201	3188	3277	3222	1.50	cps
Calcium	43-1	198191	198322	197090	197868	0.34	cps
Calcium	44-1	3101626	3096182	3074772	3090860	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63677	63188	62315	63060	1.09	cps
Cobalt	59-2	67702	66165	65860	66576	1.48	cps
Copper	63-2	114732	114634	114235	114534	0.23	cps
Dysprosium	156-1	31475	31919	31686	31693	0.70	cps
Dysprosium	156-2	28602	28676	28462	28580	0.38	cps
Erbium	164-1	26999	26876	26819	26898	0.34	cps
Erbium	164-2	20392	20241	20008	20214	0.96	cps
Gadolinium	160-1	31205	31068	30613	30962	1.00	cps
Gadolinium	160-2	24532	24234	24184	24317	0.77	cps
Holmium	165-1	16332816	15955902	15876200	16054973	1.52	cps
Holmium	165-2	11750871	11638762	11582164	11657266	0.74	cps
Indium	115-1	13361739	12934507	12910540	13068929	1.94	cps
Indium	115-2	5040159	5082041	5094857	5072352	0.56	cps
Iron	56-2	68753087	67880642	67865034	68166255	0.75	cps
Iron	57-2	1715362	1689699	1687652	1697571	0.91	cps
Iron	54-2	3782134	3780522	3751510	3771389	0.46	cps
Krypton	83-1	257	270	247	258	4.54	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:02:00	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	105492	105169	103594	104752	0.97	cps
Lead	207-1	90156	89042	89612	89604	0.62	cps
Lead	208-1	410071	407899	409749	409240	0.29	cps
Lithium	6-1	1771496	1732315	1754332	1752714	1.12	cps
Magnesium	24-2	2312254	2258159	2260371	2276928	1.34	cps
Manganese	55-2	1954295	1925143	1937412	1938950	0.75	cps
Molybdenum	94-1	24153	23746	23916	23939	0.85	cps
Molybdenum	95-1	723	653	593	657	9.91	cps
Molybdenum	96-1	5654	5441	5454	5517	2.17	cps
Molybdenum	97-1	383	457	390	410	9.89	cps
Molybdenum	98-1	1077	1083	1100	1087	1.11	cps
Neodymium	150-1	58042	56784	56412	57079	1.50	cps
Neodymium	150-2	35588	34843	36086	35506	1.76	cps
Nickel	60-2	26246	26657	26357	26420	0.80	cps
Phosphorus	31-2	14307	14323	14223	14285	0.38	cps
Potassium	39-2	1411446	1380058	1391137	1394214	1.14	cps
Rhodium	103-1	12460319	12287921	12170089	12306110	1.19	cps
Rhodium	103-2	7506242	7582616	7662621	7583826	1.03	cps
Scandium	45-1	7311860	7122293	7119812	7184655	1.53	cps
Scandium	45-2	689251	681666	683459	684792	0.58	cps
Selenium	82-1	634	555	608	599	6.70	cps
Selenium	77-2	90	97	83	90	7.41	cps
Selenium	78-2	533	537	593	554	6.08	cps
Silicon	28-1	4713115	4764603	4747645	4741788	0.55	cps
Silver	107-1	853	730	787	790	7.82	cps
Silver	109-1	720	720	743	728	1.85	cps
Sodium	23-2	46323	46165	46807	46432	0.72	cps
Strontium	86-1	106377	106612	104970	105987	0.84	cps
Strontium	88-1	926327	932481	920707	926505	0.64	cps
Sulfur	34-1	164585	168770	167264	166873	1.27	cps
Terbium	159-1	16663592	16396414	16111173	16390393	1.69	cps
Terbium	159-2	11772991	11624521	11488444	11628652	1.22	cps
Thallium	203-1	943	1000	967	970	2.94	cps
Thallium	205-1	2397	2570	2380	2449	4.30	cps
Tin	118-1	2000	1993	1967	1987	0.89	cps
Titanium	47-1	44321	44204	44824	44450	0.74	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:02:00	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7976	8123	7702	7934	2.69	cps
Vanadium	51-2	98844	98737	97865	98482	0.55	cps
Yttrium	89-1	15974786	15753715	15534404	15754302	1.40	cps
Yttrium	89-2	4636680	4605038	4620264	4620661	0.34	cps
Zinc	66-2	64917	64740	64535	64731	0.30	cps
Zirconium	90-1	64805	64330	64186	64440	0.50	cps
Zirconium	91-1	14270	14597	14164	14344	1.58	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:05:10	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	488086	480741	480350	483059	0.90	cps
Antimony	121-1	107	103	117	109	6.37	cps
Arsenic	75-2	986	993	903	961	5.22	cps
Barium	135-1	69987	69150	69726	69621	0.62	cps
Barium	137-1	123251	120384	121607	121748	1.18	cps
Beryllium	9-1	220	133	133	162	30.84	cps
Bismuth	209-1	9662741	9662991	9580617	9635449	0.49	cps
Bismuth	209-2	8210355	8214601	8112268	8179074	0.71	cps
Bromine	81-1	17167	18138	17150	17485	3.23	cps
Bromine	81-2	203	267	233	234	13.51	cps
Cadmium	108-1	13	37	27	26	45.82	cps
Cadmium	106-1	3737	3610	3487	3612	3.46	cps
Cadmium	111-1	2683	2625	2499	2602	3.62	cps
Calcium	43-1	36086	35024	35304	35471	1.55	cps
Calcium	44-1	582167	580624	572578	578456	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12158	11858	11975	11997	1.26	cps
Cobalt	59-2	11361	11531	11491	11461	0.78	cps
Copper	63-2	21519	20815	20621	20985	2.25	cps
Dysprosium	156-1	5621	5571	5598	5597	0.45	cps
Dysprosium	156-2	5181	5131	5031	5114	1.49	cps
Erbium	164-1	4637	4674	4534	4615	1.57	cps
Erbium	164-2	3540	3467	3334	3447	3.04	cps
Gadolinium	160-1	5378	5554	5238	5390	2.95	cps
Gadolinium	160-2	4861	4647	4948	4819	3.21	cps
Holmium	165-1	15962727	15845394	15643917	15817346	1.02	cps
Holmium	165-2	11591715	11602733	11427772	11540740	0.85	cps
Indium	115-1	13153395	12974882	12923149	13017142	0.93	cps
Indium	115-2	5107490	5093228	5032013	5077577	0.79	cps
Iron	56-2	12022239	11981374	11868424	11957346	0.67	cps
Iron	57-2	301708	300256	297281	299749	0.75	cps
Iron	54-2	664399	662886	659805	662363	0.35	cps
Krypton	83-1	233	173	190	199	15.57	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:05:10	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	19250	18967	18686	18968	1.49	cps
Lead	207-1	16036	16417	16413	16289	1.34	cps
Lead	208-1	74185	74222	73607	74005	0.47	cps
Lithium	6-1	1715386	1768989	1691537	1725304	2.30	cps
Magnesium	24-2	383175	380699	381008	381627	0.35	cps
Manganese	55-2	338909	336550	335731	337063	0.49	cps
Molybdenum	94-1	4481	4587	4594	4554	1.40	cps
Molybdenum	95-1	233	287	207	242	16.82	cps
Molybdenum	96-1	1150	1153	1087	1130	3.32	cps
Molybdenum	97-1	117	173	100	130	29.57	cps
Molybdenum	98-1	400	333	370	368	9.08	cps
Neodymium	150-1	9650	9797	9967	9805	1.62	cps
Neodymium	150-2	6268	5998	6358	6208	3.02	cps
Nickel	60-2	4801	4731	5194	4909	5.09	cps
Phosphorus	31-2	2547	2764	2740	2684	4.43	cps
Potassium	39-2	303442	300631	299956	301343	0.61	cps
Rhodium	103-1	12402858	12369804	12238497	12337053	0.70	cps
Rhodium	103-2	7608337	7570352	7559474	7579387	0.34	cps
Scandium	45-1	7080209	7142305	6957558	7060024	1.33	cps
Scandium	45-2	686513	679822	675176	680503	0.84	cps
Selenium	82-1	544	606	506	552	9.20	cps
Selenium	77-2	20	20	23	21	9.11	cps
Selenium	78-2	547	567	540	551	2.52	cps
Silicon	28-1	1542430	1561177	1558256	1553954	0.65	cps
Silver	107-1	240	270	257	256	5.88	cps
Silver	109-1	207	207	220	211	3.65	cps
Sodium	23-2	25274	25217	25458	25316	0.50	cps
Strontium	86-1	18866	18488	19136	18830	1.73	cps
Strontium	88-1	164195	162203	159858	162085	1.34	cps
Sulfur	34-1	158744	161516	160519	160260	0.88	cps
Terbium	159-1	16305195	16407718	16330376	16347763	0.33	cps
Terbium	159-2	11604937	11524515	11454852	11528102	0.65	cps
Thallium	203-1	343	393	403	380	8.46	cps
Thallium	205-1	737	923	947	869	13.25	cps
Tin	118-1	1713	1683	1823	1740	4.24	cps
Titanium	47-1	6161	5918	6141	6073	2.23	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZK8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:05:10	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1527	1397	1370	1431	5.86	cps
Vanadium	51-2	17620	17056	17567	17415	1.79	cps
Yttrium	89-1	15382926	15091805	15171000	15215243	0.99	cps
Yttrium	89-2	4561544	4469405	4493271	4508074	1.06	cps
Zinc	66-2	11101	11368	11811	11427	3.14	cps
Zirconium	90-1	11952	11992	12125	12023	0.76	cps
Zirconium	91-1	2770	2780	2604	2718	3.65	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:08:26	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2702587	2689759	2649436	2680594	1.03	cps
Antimony	121-1	262288	260075	260465	260943	0.45	cps
Arsenic	75-2	12657	13121	12497	12759	2.54	cps
Barium	135-1	1648439	1626750	1624424	1633204	0.81	cps
Barium	137-1	2895249	2846515	2856465	2866076	0.90	cps
Beryllium	9-1	15311	14463	14837	14871	2.86	cps
Bismuth	209-1	9754335	9569191	9448523	9590683	1.61	cps
Bismuth	209-2	8265548	8098136	8188523	8184069	1.02	cps
Bromine	81-1	17487	17737	17621	17615	0.71	cps
Bromine	81-2	343	370	327	347	6.31	cps
Cadmium	108-1	2514	2484	2417	2471	2.00	cps
Cadmium	106-1	6968	7022	6878	6956	1.04	cps
Cadmium	111-1	38645	37848	37494	37996	1.55	cps
Calcium	43-1	185556	184739	182466	184254	0.87	cps
Calcium	44-1	2959643	2911812	2872827	2914761	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	266615	264312	265587	265504	0.43	cps
Cobalt	59-2	864826	856761	860027	860538	0.47	cps
Copper	63-2	379230	381014	377304	379183	0.49	cps
Dysprosium	156-1	29795	29424	29244	29488	0.95	cps
Dysprosium	156-2	26198	26585	26983	26588	1.48	cps
Erbium	164-1	25126	24511	24208	24615	1.90	cps
Erbium	164-2	17895	17691	17988	17858	0.85	cps
Gadolinium	160-1	28826	28158	27888	28291	1.71	cps
Gadolinium	160-2	22011	21724	22328	22021	1.37	cps
Holmium	165-1	16344749	15968751	15657109	15990203	2.15	cps
Holmium	165-2	11782211	11584795	11751272	11706093	0.91	cps
Indium	115-1	13339142	12923586	12942718	13068482	1.80	cps
Indium	115-2	5131668	5031368	5061923	5074986	1.01	cps
Iron	56-2	63701206	62712884	62179876	62864655	1.23	cps
Iron	57-2	1585852	1576315	1560703	1574290	0.81	cps
Iron	54-2	3504071	3455526	3446840	3468812	0.89	cps
Krypton	83-1	263	267	277	269	2.58	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:08:26	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	141032	137426	134898	137785	2.24	cps
Lead	207-1	115274	116500	115324	115699	0.60	cps
Lead	208-1	537343	531811	527767	532307	0.90	cps
Lithium	6-1	1786645	1785081	1702947	1758225	2.72	cps
Magnesium	24-2	2065059	2036548	2027816	2043141	0.95	cps
Manganese	55-2	2238794	2191079	2210982	2213619	1.08	cps
Molybdenum	94-1	22250	21983	21967	22067	0.72	cps
Molybdenum	95-1	663	550	640	618	9.69	cps
Molybdenum	96-1	5164	4988	4918	5023	2.53	cps
Molybdenum	97-1	387	317	347	350	10.04	cps
Molybdenum	98-1	947	1067	903	972	8.70	cps
Neodymium	150-1	53504	52230	52126	52620	1.46	cps
Neodymium	150-2	33273	32741	32066	32693	1.85	cps
Nickel	60-2	227493	226812	227117	227141	0.15	cps
Phosphorus	31-2	12622	12956	12885	12821	1.37	cps
Potassium	39-2	1263906	1254997	1267111	1262005	0.50	cps
Rhodium	103-1	12553921	12393840	11996411	12314724	2.33	cps
Rhodium	103-2	7536560	7484539	7552719	7524606	0.47	cps
Scandium	45-1	7322609	7178727	7087622	7196320	1.65	cps
Scandium	45-2	681408	675999	679027	678811	0.40	cps
Selenium	82-1	3952	3750	3837	3846	2.64	cps
Selenium	77-2	507	427	367	433	16.21	cps
Selenium	78-2	1833	1960	1870	1888	3.45	cps
Silicon	28-1	4679945	4563090	4581875	4608304	1.36	cps
Silver	107-1	169217	169068	167635	168640	0.52	cps
Silver	109-1	158425	159443	159426	159098	0.37	cps
Sodium	23-2	47038	46881	46617	46845	0.45	cps
Strontium	86-1	98087	95926	97047	97020	1.11	cps
Strontium	88-1	852483	850688	842463	848545	0.63	cps
Sulfur	34-1	171568	167624	167257	168816	1.42	cps
Terbium	159-1	16819572	16609664	16122890	16517375	2.16	cps
Terbium	159-2	11869693	11522975	11575213	11655960	1.60	cps
Thallium	203-1	122219	121879	119754	121284	1.10	cps
Thallium	205-1	288257	287991	286376	287541	0.35	cps
Tin	118-1	1953	1847	1893	1898	2.82	cps
Titanium	47-1	33724	35064	33156	33982	2.88	cps

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:08:26	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7332	7415	7385	7378	0.57	cps
Vanadium	51-2	543003	538410	537875	539763	0.52	cps
Yttrium	89-1	15946371	15478211	15365515	15596699	1.97	cps
Yttrium	89-2	4595012	4568489	4542177	4568559	0.58	cps
Zinc	66-2	160542	160249	159751	160181	0.25	cps
Zirconium	90-1	59353	58556	59098	59002	0.69	cps
Zirconium	91-1	13213	13490	13166	13289	1.32	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:11:35	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2963658	2965360	3017694	2982238	1.03	cps
Antimony	121-1	1032241	1040920	1034050	1035737	0.44	cps
Arsenic	75-2	36241	36461	37041	36581	1.13	cps
Barium	135-1	5620859	5646673	5565106	5610879	0.74	cps
Barium	137-1	9853027	9730353	9743564	9775648	0.69	cps
Beryllium	9-1	60464	60500	61076	60680	0.57	cps
Bismuth	209-1	10522526	9682512	9619077	9941372	5.07	cps
Bismuth	209-2	8179178	8107981	8184236	8157131	0.52	cps
Bromine	81-1	16997	17494	17517	17336	1.70	cps
Bromine	81-2	350	307	347	334	7.21	cps
Cadmium	108-1	8896	9183	9473	9184	3.14	cps
Cadmium	106-1	17117	16596	16800	16838	1.56	cps
Cadmium	111-1	142820	143641	142187	142882	0.51	cps
Calcium	43-1	178156	177090	175650	176966	0.71	cps
Calcium	44-1	2794197	2850296	2797966	2814153	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	940414	934331	937261	937335	0.32	cps
Cobalt	59-2	3567941	3576103	3552258	3565434	0.34	cps
Copper	63-2	1254586	1243654	1245849	1248030	0.46	cps
Dysprosium	156-1	28429	28472	28439	28447	0.08	cps
Dysprosium	156-2	26492	26101	25473	26022	1.97	cps
Erbium	164-1	23934	24605	24188	24242	1.40	cps
Erbium	164-2	18032	18018	17805	17952	0.71	cps
Gadolinium	160-1	27096	27734	27414	27415	1.16	cps
Gadolinium	160-2	21497	21493	22204	21731	1.88	cps
Holmium	165-1	17385875	15989263	16016141	16463760	4.85	cps
Holmium	165-2	11726528	11573014	11743761	11681101	0.80	cps
Indium	115-1	14025857	12994115	12977012	13332328	4.51	cps
Indium	115-2	5051416	4983998	5006069	5013827	0.69	cps
Iron	56-2	65216852	64612891	64796009	64875251	0.48	cps
Iron	57-2	1644687	1598657	1603539	1615628	1.56	cps
Iron	54-2	3610714	3569380	3544218	3574771	0.94	cps
Krypton	83-1	263	293	247	268	8.83	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:11:35	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	255490	256187	255926	255868	0.14	cps
Lead	207-1	212090	215567	214692	214116	0.84	cps
Lead	208-1	981526	995305	990041	988957	0.70	cps
Lithium	6-1	1916563	1768453	1731115	1805377	5.43	cps
Magnesium	24-2	1948189	1969921	1976792	1964967	0.76	cps
Manganese	55-2	3586207	3512350	3520352	3539636	1.15	cps
Molybdenum	94-1	21556	21840	21442	21613	0.95	cps
Molybdenum	95-1	713	617	677	669	7.30	cps
Molybdenum	96-1	4791	4808	4704	4767	1.16	cps
Molybdenum	97-1	437	417	427	427	2.34	cps
Molybdenum	98-1	1057	1023	947	1009	5.59	cps
Neodymium	150-1	50383	50814	50945	50714	0.58	cps
Neodymium	150-2	31512	31635	31666	31604	0.26	cps
Nickel	60-2	887441	879833	883013	883429	0.43	cps
Phosphorus	31-2	12132	12322	11985	12146	1.39	cps
Potassium	39-2	1222765	1233692	1240778	1232412	0.74	cps
Rhodium	103-1	13195068	12137087	12086048	12472734	5.02	cps
Rhodium	103-2	7469801	7420903	7510488	7467064	0.60	cps
Scandium	45-1	7801888	7186295	7080798	7356327	5.29	cps
Scandium	45-2	681218	678032	676723	678658	0.34	cps
Selenium	82-1	19688	19724	19870	19761	0.49	cps
Selenium	77-2	2320	2174	2310	2268	3.61	cps
Selenium	78-2	8493	7986	8046	8175	3.39	cps
Silicon	28-1	4530760	4510642	4464820	4502074	0.75	cps
Silver	107-1	644043	652047	641224	645771	0.87	cps
Silver	109-1	606647	617811	612367	612275	0.91	cps
Sodium	23-2	42244	42148	42131	42174	0.15	cps
Strontium	86-1	93880	94021	94132	94011	0.13	cps
Strontium	88-1	819022	825189	818531	820914	0.45	cps
Sulfur	34-1	164053	164531	164427	164337	0.15	cps
Terbium	159-1	17951732	16498392	16388396	16946173	5.15	cps
Terbium	159-2	11481722	11508029	11530054	11506602	0.21	cps
Thallium	203-1	485003	487648	485047	485900	0.31	cps
Thallium	205-1	1144429	1145364	1138501	1142765	0.33	cps
Tin	118-1	1910	1973	1800	1895	4.63	cps
Titanium	47-1	31842	33690	31790	32441	3.34	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5189-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZK8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:11:35	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7325	7119	7015	7153	2.21	cps
Vanadium	51-2	2029258	2023544	2051910	2034904	0.74	cps
Yttrium	89-1	17069954	15621782	15487519	16059752	5.46	cps
Yttrium	89-2	4549741	4535070	4623671	4569494	1.04	cps
Zinc	66-2	475744	474431	475168	475114	0.14	cps
Zirconium	90-1	56649	57395	56876	56973	0.67	cps
Zirconium	91-1	12609	12562	12812	12661	1.05	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:14:37	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2967498	2999895	2965960	2977784	0.64	cps
Antimony	121-1	2910	2890	2700	2834	4.09	cps
Arsenic	75-2	11854	11700	11602	11719	1.08	cps
Barium	135-1	275465	271541	273174	273393	0.72	cps
Barium	137-1	477991	471853	469003	472949	0.97	cps
Beryllium	9-1	570	563	587	573	2.10	cps
Bismuth	209-1	9608109	9386753	9525798	9506887	1.18	cps
Bismuth	209-2	8161405	8261490	8039280	8154058	1.36	cps
Bromine	81-1	17300	17097	17023	17140	0.84	cps
Bromine	81-2	337	323	327	329	2.11	cps
Cadmium	108-1	157	173	147	159	8.48	cps
Cadmium	106-1	4147	3991	3847	3995	3.76	cps
Cadmium	111-1	3623	3455	3324	3468	4.33	cps
Calcium	43-1	202120	201270	198527	200639	0.94	cps
Calcium	44-1	3172880	3153523	3189549	3171984	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	136050	136266	135429	135915	0.32	cps
Cobalt	59-2	109868	112927	110661	111152	1.43	cps
Copper	63-2	242162	240250	239091	240501	0.64	cps
Dysprosium	156-1	24568	25677	24749	24998	2.38	cps
Dysprosium	156-2	22431	22468	22378	22426	0.20	cps
Erbium	164-1	22248	21891	21520	21886	1.66	cps
Erbium	164-2	16013	15342	15999	15785	2.43	cps
Gadolinium	160-1	24318	23894	24261	24157	0.95	cps
Gadolinium	160-2	18482	19153	18946	18861	1.82	cps
Holmium	165-1	15908607	15486781	15657243	15684210	1.35	cps
Holmium	165-2	11510678	11698219	11518036	11575644	0.92	cps
Indium	115-1	13116862	12844472	12717267	12892867	1.58	cps
Indium	115-2	5034978	5073925	4943980	5017627	1.33	cps
Iron	56-2	134960798	135424598	133900858	134762085	0.58	cps
Iron	57-2	3398904	3365338	3318630	3360957	1.20	cps
Iron	54-2	7347909	7395541	7288533	7343995	0.73	cps
Krypton	83-1	273	203	280	252	16.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:14:37	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	122728	121150	121544	121807	0.67	cps
Lead	207-1	106174	105788	105327	105763	0.40	cps
Lead	208-1	481996	476613	477144	478585	0.62	cps
Lithium	6-1	1751664	1778031	1691848	1740514	2.54	cps
Magnesium	24-2	2577576	2564758	2551719	2564684	0.50	cps
Manganese	55-2	2143905	2167384	2108122	2139804	1.39	cps
Molybdenum	94-1	33852	32890	32960	33234	1.61	cps
Molybdenum	95-1	2003	2070	2037	2037	1.64	cps
Molybdenum	96-1	8643	8833	8783	8753	1.13	cps
Molybdenum	97-1	1363	1197	1270	1277	6.54	cps
Molybdenum	98-1	3150	3090	3174	3138	1.37	cps
Neodymium	150-1	43173	42571	42574	42772	0.81	cps
Neodymium	150-2	26799	26558	26465	26607	0.65	cps
Nickel	60-2	42550	42096	41982	42209	0.71	cps
Phosphorus	31-2	9890	10294	10254	10146	2.19	cps
Potassium	39-2	1385030	1406209	1394842	1395360	0.76	cps
Rhodium	103-1	12357715	12112840	11933459	12134671	1.76	cps
Rhodium	103-2	7470784	7406990	7407236	7428337	0.49	cps
Scandium	45-1	7142894	7143608	7077701	7121401	0.53	cps
Scandium	45-2	684861	685060	674679	681533	0.87	cps
Selenium	82-1	588	586	580	585	0.72	cps
Selenium	77-2	87	90	60	79	20.84	cps
Selenium	78-2	677	690	607	658	6.80	cps
Silicon	28-1	5307229	5302110	5256941	5288760	0.52	cps
Silver	107-1	1897	1860	1823	1860	1.97	cps
Silver	109-1	1773	1600	1533	1636	7.58	cps
Sodium	23-2	77721	77872	77547	77714	0.21	cps
Strontium	86-1	91750	92210	92059	92006	0.25	cps
Strontium	88-1	804599	803755	800076	802810	0.30	cps
Sulfur	34-1	163854	164228	163113	163732	0.35	cps
Terbium	159-1	16329681	16148445	16108957	16195694	0.73	cps
Terbium	159-2	11447079	11599360	11403554	11483331	0.90	cps
Thallium	203-1	1273	1277	1437	1329	7.02	cps
Thallium	205-1	3154	3277	3437	3289	4.32	cps
Tin	118-1	4331	4221	4231	4261	1.43	cps
Titanium	47-1	455614	459361	454065	456346	0.60	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:14:37	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11502	11385	11245	11377	1.13	cps
Vanadium	51-2	300172	303868	300071	301370	0.72	cps
Yttrium	89-1	15612718	15462088	15215683	15430163	1.30	cps
Yttrium	89-2	4473953	4569972	4485512	4509812	1.16	cps
Zinc	66-2	85064	85818	84782	85221	0.63	cps
Zirconium	90-1	86016	86298	86261	86192	0.18	cps
Zirconium	91-1	19360	19263	19423	19348	0.42	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:17:49	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2980531	2998561	2989859	2989650	0.30	cps
Antimony	121-1	2804	2874	2774	2817	1.82	cps
Arsenic	75-2	11490	11752	11688	11643	1.18	cps
Barium	135-1	274529	279359	274286	276058	1.04	cps
Barium	137-1	478928	475100	475458	476496	0.44	cps
Beryllium	9-1	580	567	543	563	3.29	cps
Bismuth	209-1	9747695	9719703	9500095	9655831	1.40	cps
Bismuth	209-2	8157076	7976657	7994971	8042901	1.23	cps
Bromine	81-1	16773	16159	16286	16406	1.98	cps
Bromine	81-2	287	303	320	303	5.50	cps
Cadmium	108-1	153	150	110	138	17.50	cps
Cadmium	106-1	4284	3777	3817	3959	7.12	cps
Cadmium	111-1	3658	3329	3322	3436	5.59	cps
Calcium	43-1	204644	205103	203013	204253	0.54	cps
Calcium	44-1	3235706	3215958	3191089	3214251	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	138270	139104	137550	138308	0.56	cps
Cobalt	59-2	112572	112218	110050	111613	1.22	cps
Copper	63-2	495907	495509	492251	494556	0.41	cps
Dysprosium	156-1	24638	25099	24428	24722	1.39	cps
Dysprosium	156-2	22451	22491	22535	22493	0.19	cps
Erbium	164-1	22271	21827	21607	21902	1.55	cps
Erbium	164-2	15916	15866	15846	15876	0.23	cps
Gadolinium	160-1	24184	23770	24077	24011	0.90	cps
Gadolinium	160-2	18736	19050	19510	19099	2.04	cps
Holmium	165-1	15978282	15757533	15603752	15779856	1.19	cps
Holmium	165-2	11632891	11442851	11402438	11492726	1.07	cps
Indium	115-1	13269520	12934803	12821519	13008614	1.79	cps
Indium	115-2	5037798	5000795	4993633	5010742	0.47	cps
Iron	56-2	136209035	135396745	135695611	135767130	0.30	cps
Iron	57-2	3381914	3333581	3322402	3345966	0.95	cps
Iron	54-2	7472428	7445942	7405232	7441201	0.45	cps
Krypton	83-1	287	283	273	281	2.47	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:17:49	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	467794	466720	463766	466093	0.45	cps
Lead	207-1	397988	393861	394798	395549	0.55	cps
Lead	208-1	1819756	1821844	1810366	1817322	0.34	cps
Lithium	6-1	1715044	1717336	1717197	1716526	0.07	cps
Magnesium	24-2	2566866	2592606	2578253	2579242	0.50	cps
Manganese	55-2	2169566	2175726	2162222	2169171	0.31	cps
Molybdenum	94-1	33612	33719	32797	33376	1.51	cps
Molybdenum	95-1	2047	1880	2057	1995	4.98	cps
Molybdenum	96-1	9230	8943	9146	9106	1.62	cps
Molybdenum	97-1	1240	1260	1243	1248	0.86	cps
Molybdenum	98-1	3120	3547	3207	3292	6.85	cps
Neodymium	150-1	43059	43303	42932	43098	0.44	cps
Neodymium	150-2	26224	26912	27200	26779	1.87	cps
Nickel	60-2	64602	64766	64688	64685	0.13	cps
Phosphorus	31-2	9713	9990	9960	9888	1.54	cps
Potassium	39-2	1414157	1424209	1393181	1410516	1.12	cps
Rhodium	103-1	12449037	12192301	12034204	12225181	1.71	cps
Rhodium	103-2	7551052	7444957	7447765	7481258	0.81	cps
Scandium	45-1	7313864	7130645	7033178	7159229	1.99	cps
Scandium	45-2	680398	676092	680857	679115	0.39	cps
Selenium	82-1	582	556	596	578	3.58	cps
Selenium	77-2	80	60	77	72	14.84	cps
Selenium	78-2	640	630	600	623	3.34	cps
Silicon	28-1	4986555	5033110	4932786	4984150	1.01	cps
Silver	107-1	1573	1597	1557	1576	1.28	cps
Silver	109-1	1450	1397	1347	1398	3.70	cps
Sodium	23-2	78814	77899	77571	78094	0.82	cps
Strontium	86-1	91452	92900	92142	92165	0.79	cps
Strontium	88-1	816106	816357	811773	814745	0.32	cps
Sulfur	34-1	164764	166155	163204	164708	0.90	cps
Terbium	159-1	16620912	16199481	16230238	16350210	1.44	cps
Terbium	159-2	11498809	11306421	11357944	11387725	0.87	cps
Thallium	203-1	1300	1357	1367	1341	2.68	cps
Thallium	205-1	2974	3077	3017	3023	1.72	cps
Tin	118-1	19126	19036	18923	19028	0.54	cps
Titanium	47-1	454501	455316	453823	454547	0.16	cps

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On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-21DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:17:49	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11221	11235	11041	11166	0.97	cps
Vanadium	51-2	305092	303991	304639	304574	0.18	cps
Yttrium	89-1	15994756	15410753	15411487	15605665	2.16	cps
Yttrium	89-2	4544574	4444512	4496613	4495233	1.11	cps
Zinc	66-2	96177	96412	96200	96263	0.13	cps
Zirconium	90-1	87036	85785	86221	86347	0.74	cps
Zirconium	91-1	20251	19470	19433	19718	2.34	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:20:58	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	591104	594412	588916	591477	0.47	cps
Antimony	121-1	527	550	417	498	14.30	cps
Arsenic	75-2	2475	2595	2333	2468	5.31	cps
Barium	135-1	54869	54202	55404	54825	1.10	cps
Barium	137-1	94968	94467	94669	94701	0.27	cps
Beryllium	9-1	200	177	160	179	11.23	cps
Bismuth	209-1	9642428	9647319	9602969	9630905	0.25	cps
Bismuth	209-2	8278993	8140634	8107460	8175696	1.11	cps
Bromine	81-1	15418	15875	15999	15764	1.94	cps
Bromine	81-2	257	250	257	254	1.51	cps
Cadmium	108-1	53	23	43	40	38.19	cps
Cadmium	106-1	3751	3534	3377	3554	5.28	cps
Cadmium	111-1	2701	2604	2517	2607	3.54	cps
Calcium	43-1	40755	39886	40711	40450	1.21	cps
Calcium	44-1	665290	669054	663808	666051	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28644	28634	28751	28676	0.23	cps
Cobalt	59-2	22467	22337	23228	22677	2.12	cps
Copper	63-2	50030	50000	50455	50162	0.51	cps
Dysprosium	156-1	5018	4808	4854	4893	2.25	cps
Dysprosium	156-2	4534	4517	4527	4526	0.19	cps
Erbium	164-1	4487	4284	4417	4396	2.35	cps
Erbium	164-2	3384	3140	2974	3166	6.51	cps
Gadolinium	160-1	5011	4781	4804	4865	2.60	cps
Gadolinium	160-2	4217	4467	4434	4373	3.11	cps
Holmium	165-1	15735362	15806410	15756732	15766168	0.23	cps
Holmium	165-2	11593487	11521105	11509953	11541515	0.39	cps
Indium	115-1	13099025	13031629	12944969	13025207	0.59	cps
Indium	115-2	5120157	5017320	5079756	5072411	1.02	cps
Iron	56-2	27340215	27547455	27323669	27403779	0.46	cps
Iron	57-2	693482	685166	688288	688979	0.61	cps
Iron	54-2	1514660	1497696	1515753	1509370	0.67	cps
Krypton	83-1	267	210	253	243	12.18	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:20:58	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25314	24930	24906	25050	0.91	cps
Lead	207-1	21490	22095	21911	21832	1.42	cps
Lead	208-1	98830	98558	97766	98384	0.56	cps
Lithium	6-1	1720776	1741443	1683598	1715272	1.71	cps
Magnesium	24-2	507717	505800	502774	505430	0.49	cps
Manganese	55-2	427288	426055	426485	426609	0.15	cps
Molybdenum	94-1	7018	6658	6858	6845	2.64	cps
Molybdenum	95-1	497	540	527	521	4.26	cps
Molybdenum	96-1	2087	2057	1897	2013	5.07	cps
Molybdenum	97-1	280	307	323	303	7.21	cps
Molybdenum	98-1	800	723	733	752	5.54	cps
Neodymium	150-1	8539	8826	8549	8638	1.88	cps
Neodymium	150-2	5344	5334	5438	5372	1.06	cps
Nickel	60-2	8713	8956	8836	8835	1.38	cps
Phosphorus	31-2	2264	2230	2284	2259	1.19	cps
Potassium	39-2	344985	343723	341854	343520	0.46	cps
Rhodium	103-1	12360944	12223689	12235760	12273464	0.62	cps
Rhodium	103-2	7547157	7596231	7560141	7567843	0.34	cps
Scandium	45-1	7074772	6995242	6983274	7017763	0.71	cps
Scandium	45-2	685102	685193	680297	683530	0.41	cps
Selenium	82-1	562	587	538	562	4.40	cps
Selenium	77-2	43	7	20	23	79.53	cps
Selenium	78-2	560	597	587	581	3.26	cps
Silicon	28-1	1797407	1773713	1809952	1793691	1.03	cps
Silver	107-1	443	437	347	409	13.20	cps
Silver	109-1	367	343	307	339	8.93	cps
Sodium	23-2	33236	32982	33022	33080	0.41	cps
Strontium	86-1	18805	18739	19016	18853	0.77	cps
Strontium	88-1	160845	162129	160841	161272	0.46	cps
Sulfur	34-1	158411	159781	159688	159293	0.48	cps
Terbium	159-1	16094461	16276899	16061301	16144220	0.72	cps
Terbium	159-2	11468860	11415289	11418913	11434354	0.26	cps
Thallium	203-1	553	533	457	514	9.92	cps
Thallium	205-1	1280	1247	1253	1260	1.40	cps
Tin	118-1	2170	2157	2204	2177	1.10	cps
Titanium	47-1	91997	90150	91702	91283	1.09	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYCZM8L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:20:58	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2234	2197	2340	2257	3.30	cps
Vanadium	51-2	61397	61060	61170	61209	0.28	cps
Yttrium	89-1	15318631	15249624	15128680	15232312	0.63	cps
Yttrium	89-2	4488250	4486066	4534597	4502971	0.61	cps
Zinc	66-2	18241	18084	18004	18110	0.67	cps
Zirconium	90-1	17794	17948	17808	17850	0.48	cps
Zirconium	91-1	3841	3967	3977	3928	1.94	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:24:13	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3150116	3107587	3109602	3122435	0.77	cps
Antimony	121-1	254542	256441	254369	255117	0.45	cps
Arsenic	75-2	19764	19662	20168	19865	1.35	cps
Barium	135-1	1888978	1905225	1896845	1897016	0.43	cps
Barium	137-1	3313110	3311083	3289802	3304665	0.39	cps
Beryllium	9-1	18872	18735	19038	18882	0.81	cps
Bismuth	209-1	9689464	9689401	9486172	9621679	1.22	cps
Bismuth	209-2	8220032	8064463	8195766	8160087	1.03	cps
Bromine	81-1	16843	16626	17374	16948	2.27	cps
Bromine	81-2	353	297	377	342	12.02	cps
Cadmium	108-1	2180	2464	2314	2319	6.11	cps
Cadmium	106-1	7242	7075	6932	7083	2.19	cps
Cadmium	111-1	37476	37418	36511	37135	1.46	cps
Calcium	43-1	199567	199173	197957	198899	0.42	cps
Calcium	44-1	3132708	3104246	3095385	3110780	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	410821	408109	408937	409289	0.34	cps
Cobalt	59-2	1170288	1181059	1163628	1171658	0.75	cps
Copper	63-2	603771	601379	598537	601229	0.44	cps
Dysprosium	156-1	24648	24248	24264	24387	0.93	cps
Dysprosium	156-2	22174	22061	21877	22037	0.68	cps
Erbium	164-1	21246	21256	21236	21246	0.05	cps
Erbium	164-2	15912	15769	15886	15856	0.48	cps
Gadolinium	160-1	23430	23861	23790	23693	0.98	cps
Gadolinium	160-2	18542	18556	18292	18463	0.80	cps
Holmium	165-1	15954339	15850389	15674570	15826433	0.89	cps
Holmium	165-2	11800016	11557630	11660246	11672631	1.04	cps
Indium	115-1	13150754	13056635	13107221	13104870	0.36	cps
Indium	115-2	5056031	5037846	5047132	5047003	0.18	cps
Iron	56-2	134351338	135419345	133082618	134284434	0.87	cps
Iron	57-2	3341831	3324104	3298819	3321585	0.65	cps
Iron	54-2	7403848	7391479	7323416	7372914	0.59	cps
Krypton	83-1	250	260	260	257	2.25	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:24:13	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	158987	160278	159608	159624	0.40	cps
Lead	207-1	138702	136588	136224	137172	0.98	cps
Lead	208-1	624834	624027	622871	623910	0.16	cps
Lithium	6-1	1739075	1700226	1689780	1709694	1.52	cps
Magnesium	24-2	2569196	2560763	2531991	2553983	0.76	cps
Manganese	55-2	2680694	2686513	2669752	2678986	0.32	cps
Molybdenum	94-1	32650	32015	32757	32474	1.23	cps
Molybdenum	95-1	2067	2100	1970	2046	3.30	cps
Molybdenum	96-1	9043	8906	8469	8806	3.40	cps
Molybdenum	97-1	1230	1230	1223	1228	0.31	cps
Molybdenum	98-1	3087	3184	3230	3167	2.31	cps
Neodymium	150-1	42347	42273	41695	42105	0.85	cps
Neodymium	150-2	26315	26515	26368	26399	0.39	cps
Nickel	60-2	309913	312025	310203	310714	0.37	cps
Phosphorus	31-2	10257	10227	9880	10121	2.07	cps
Potassium	39-2	1388706	1378659	1359938	1375768	1.06	cps
Rhodium	103-1	12398578	12200617	12233585	12277593	0.86	cps
Rhodium	103-2	7583914	7506804	7488241	7526320	0.67	cps
Scandium	45-1	7285290	7125194	7068395	7159626	1.57	cps
Scandium	45-2	687771	687663	689570	688335	0.16	cps
Selenium	82-1	5446	5261	5404	5370	1.80	cps
Selenium	77-2	617	667	710	664	7.03	cps
Selenium	78-2	2450	2384	2514	2449	2.65	cps
Silicon	28-1	5490091	5506236	5421591	5472639	0.82	cps
Silver	107-1	197166	197964	197994	197708	0.24	cps
Silver	109-1	186432	187793	187881	187368	0.43	cps
Sodium	23-2	77534	77313	77353	77400	0.15	cps
Strontium	86-1	90925	90315	90858	90699	0.37	cps
Strontium	88-1	795994	790027	792447	792823	0.38	cps
Sulfur	34-1	165684	166401	165862	165982	0.22	cps
Terbium	159-1	16457702	16376436	16289291	16374476	0.51	cps
Terbium	159-2	11612279	11515577	11487731	11538529	0.57	cps
Thallium	203-1	116993	118036	115777	116935	0.97	cps
Thallium	205-1	279723	278684	275406	277938	0.81	cps
Tin	118-1	4294	4301	4101	4232	2.69	cps
Titanium	47-1	451530	449075	451354	450653	0.30	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-22DLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:24:13	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11225	11085	10594	10968	3.02	cps
Vanadium	51-2	903590	897192	888002	896261	0.87	cps
Yttrium	89-1	15854999	15543337	15463376	15620571	1.32	cps
Yttrium	89-2	4654123	4578743	4590594	4607820	0.88	cps
Zinc	66-2	218640	217653	214058	216784	1.11	cps
Zirconium	90-1	84789	84414	84287	84497	0.31	cps
Zirconium	91-1	18869	18879	19032	18927	0.48	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:27:20	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3415381	3448867	3412984	3425744	0.59	cps
Antimony	121-1	978812	970170	973560	974181	0.45	cps
Arsenic	75-2	42670	41941	42159	42257	0.89	cps
Barium	135-1	6389679	6281783	6295399	6322287	0.93	cps
Barium	137-1	11156392	10997237	10824650	10992760	1.51	cps
Beryllium	9-1	69447	68965	69290	69234	0.36	cps
Bismuth	209-1	9844492	9597287	9617579	9686453	1.42	cps
Bismuth	209-2	8146961	8211812	8093079	8150617	0.73	cps
Bromine	81-1	16883	17137	16766	16929	1.12	cps
Bromine	81-2	360	337	280	326	12.64	cps
Cadmium	108-1	8776	8706	8599	8694	1.02	cps
Cadmium	106-1	16379	15895	15495	15923	2.78	cps
Cadmium	111-1	133873	131845	132436	132718	0.79	cps
Calcium	43-1	194442	193572	192765	193593	0.43	cps
Calcium	44-1	3086213	3013405	3056307	3051975	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1155918	1142803	1145504	1148075	0.60	cps
Cobalt	59-2	4166774	4126622	4078192	4123863	1.08	cps
Copper	63-2	1615347	1616647	1614188	1615394	0.08	cps
Dysprosium	156-1	23991	23917	24141	24016	0.47	cps
Dysprosium	156-2	22258	21914	21430	21867	1.90	cps
Erbium	164-1	21223	21350	21343	21305	0.34	cps
Erbium	164-2	15305	15359	15499	15387	0.65	cps
Gadolinium	160-1	22865	22789	22896	22850	0.24	cps
Gadolinium	160-2	18275	18068	18382	18242	0.87	cps
Holmium	165-1	15961278	16002911	15717444	15893878	0.97	cps
Holmium	165-2	11641164	11620252	11551454	11604290	0.40	cps
Indium	115-1	13277524	12918310	12859871	13018568	1.74	cps
Indium	115-2	5069715	4989295	5006365	5021792	0.84	cps
Iron	56-2	134157625	134097335	133544198	133933052	0.25	cps
Iron	57-2	3347980	3313662	3336142	3332594	0.52	cps
Iron	54-2	7459375	7369512	7377514	7402133	0.67	cps
Krypton	83-1	273	333	227	278	19.25	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:27:20	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	273291	270998	270039	271443	0.62	cps
Lead	207-1	228339	228080	227818	228079	0.11	cps
Lead	208-1	1056267	1049757	1047108	1051044	0.45	cps
Lithium	6-1	1763899	1729679	1699198	1730925	1.87	cps
Magnesium	24-2	2479055	2468904	2437413	2461791	0.88	cps
Manganese	55-2	4119451	4172413	4112533	4134799	0.79	cps
Molybdenum	94-1	32048	31674	31170	31631	1.39	cps
Molybdenum	95-1	2034	2094	2037	2055	1.64	cps
Molybdenum	96-1	8199	8636	8659	8498	3.05	cps
Molybdenum	97-1	1280	1317	1287	1295	1.51	cps
Molybdenum	98-1	3360	3157	3164	3227	3.58	cps
Neodymium	150-1	41929	41467	41434	41610	0.66	cps
Neodymium	150-2	25784	25540	25897	25740	0.71	cps
Nickel	60-2	1036493	1033481	1025923	1031966	0.53	cps
Phosphorus	31-2	9590	9827	9797	9738	1.32	cps
Potassium	39-2	1377387	1307439	1345104	1343310	2.61	cps
Rhodium	103-1	12251077	12249463	12061942	12187494	0.89	cps
Rhodium	103-2	7588406	7461344	7505505	7518418	0.86	cps
Scandium	45-1	7192783	7102477	6995284	7096848	1.39	cps
Scandium	45-2	680463	675724	681933	679373	0.48	cps
Selenium	82-1	24096	23779	23987	23954	0.67	cps
Selenium	77-2	2967	2744	2987	2899	4.66	cps
Selenium	78-2	10024	10033	9583	9880	2.60	cps
Silicon	28-1	5479119	5294444	5303789	5359117	1.94	cps
Silver	107-1	721006	720911	719002	720307	0.16	cps
Silver	109-1	691597	686808	684982	687796	0.50	cps
Sodium	23-2	74707	75681	74563	74984	0.81	cps
Strontium	86-1	89023	88101	87072	88066	1.11	cps
Strontium	88-1	781557	776165	766996	774906	0.95	cps
Sulfur	34-1	161539	159977	160368	160628	0.51	cps
Terbium	159-1	16593948	16267228	16320217	16393798	1.07	cps
Terbium	159-2	11342247	11641834	11426762	11470281	1.35	cps
Thallium	203-1	458475	449868	452525	453622	0.97	cps
Thallium	205-1	1078590	1064161	1063353	1068702	0.80	cps
Tin	118-1	4191	4137	4091	4140	1.21	cps
Titanium	47-1	440801	438302	438519	439207	0.32	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5190-20MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYCZM8SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:27:20	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10458	10848	11025	10777	2.69	cps
Vanadium	51-2	2539807	2542474	2530562	2537614	0.25	cps
Yttrium	89-1	15599889	15483394	15310610	15464631	0.94	cps
Yttrium	89-2	4584563	4565261	4579297	4576374	0.22	cps
Zinc	66-2	565501	566165	558683	563450	0.73	cps
Zirconium	90-1	83063	82929	82151	82714	0.60	cps
Zirconium	91-1	18852	18478	18822	18718	1.11	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:30:22	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2440618	2451798	2452357	2448258	0.27	cps
Antimony	121-1	640	713	703	686	5.80	cps
Arsenic	75-2	2521	2569	2523	2538	1.07	cps
Barium	135-1	170929	171796	170909	171211	0.30	cps
Barium	137-1	297561	295562	290285	294469	1.28	cps
Beryllium	9-1	323	350	253	309	16.16	cps
Bismuth	209-1	9903265	9703907	9636893	9748022	1.42	cps
Bismuth	209-2	8227067	8142071	8163153	8177430	0.54	cps
Bromine	81-1	16556	16403	17290	16750	2.83	cps
Bromine	81-2	213	277	213	234	15.60	cps
Cadmium	108-1	70	43	60	58	23.32	cps
Cadmium	106-1	4111	3627	3841	3859	6.28	cps
Cadmium	111-1	3038	2642	2816	2832	7.01	cps
Calcium	43-1	131369	131591	130623	131194	0.39	cps
Calcium	44-1	2099170	2078327	2075896	2084464	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122882	123090	122724	122899	0.15	cps
Cobalt	59-2	75515	74473	74714	74901	0.73	cps
Copper	63-2	154757	154461	151837	153685	1.05	cps
Dysprosium	156-1	12712	12876	12459	12682	1.66	cps
Dysprosium	156-2	12189	11878	12309	12125	1.83	cps
Erbium	164-1	9840	10117	10190	10049	1.84	cps
Erbium	164-2	7575	7405	7495	7492	1.14	cps
Gadolinium	160-1	10544	10921	10561	10675	1.99	cps
Gadolinium	160-2	8426	8790	8683	8633	2.16	cps
Holmium	165-1	16258909	15855860	15705376	15940048	1.80	cps
Holmium	165-2	11727119	11559860	11559288	11615422	0.83	cps
Indium	115-1	13193083	12883410	13083756	13053416	1.20	cps
Indium	115-2	5132818	5103358	5029540	5088572	1.05	cps
Iron	56-2	86494705	86534129	86357739	86462191	0.11	cps
Iron	57-2	2174269	2181415	2112887	2156190	1.75	cps
Iron	54-2	4736385	4757364	4756390	4750046	0.25	cps
Krypton	83-1	243	227	283	251	11.60	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:30:22	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	50430	50343	51106	50626	0.82	cps
Lead	207-1	35185	34447	35229	34954	1.26	cps
Lead	208-1	173585	171812	172733	172710	0.51	cps
Lithium	6-1	1788402	1742182	1763203	1764596	1.31	cps
Magnesium	24-2	3052863	3075180	3055218	3061087	0.40	cps
Manganese	55-2	1209018	1204341	1210372	1207910	0.26	cps
Molybdenum	94-1	14010	13913	14220	14048	1.12	cps
Molybdenum	95-1	690	810	790	763	8.42	cps
Molybdenum	96-1	4021	3937	4271	4076	4.26	cps
Molybdenum	97-1	517	450	507	491	7.32	cps
Molybdenum	98-1	1233	1210	1363	1269	6.51	cps
Neodymium	150-1	22194	22157	22515	22289	0.88	cps
Neodymium	150-2	13523	13950	13814	13762	1.58	cps
Nickel	60-2	37801	38018	37159	37659	1.19	cps
Phosphorus	31-2	7445	7162	7529	7379	2.61	cps
Potassium	39-2	497643	501083	497424	498717	0.41	cps
Rhodium	103-1	12345294	12385138	12207389	12312607	0.76	cps
Rhodium	103-2	7615635	7642760	7603406	7620600	0.26	cps
Scandium	45-1	7308511	7160453	7123666	7197544	1.36	cps
Scandium	45-2	692259	692165	691697	692040	0.04	cps
Selenium	82-1	684	634	453	590	20.55	cps
Selenium	77-2	30	50	20	33	45.83	cps
Selenium	78-2	577	590	623	597	4.03	cps
Silicon	28-1	3534060	3553191	3557284	3548178	0.35	cps
Silver	107-1	847	710	703	753	10.74	cps
Silver	109-1	677	713	607	666	8.14	cps
Sodium	23-2	74465	75443	74097	74669	0.93	cps
Strontium	86-1	72222	71773	72276	72091	0.38	cps
Strontium	88-1	633784	640259	639184	637742	0.54	cps
Sulfur	34-1	157441	160806	160910	159719	1.24	cps
Terbium	159-1	16658372	16164912	16343219	16388834	1.52	cps
Terbium	159-2	11621029	11715233	11617592	11651285	0.48	cps
Thallium	203-1	703	800	750	751	6.44	cps
Thallium	205-1	1673	1820	1713	1736	4.37	cps
Tin	118-1	3380	3264	3290	3312	1.85	cps
Titanium	47-1	682399	679801	681981	681394	0.20	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:30:22	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14324	14234	13604	14054	2.79	cps
Vanadium	51-2	144844	145745	146459	145683	0.56	cps
Yttrium	89-1	15763121	15364634	15544430	15557395	1.28	cps
Yttrium	89-2	4603245	4591393	4561218	4585285	0.47	cps
Zinc	66-2	49793	49960	48712	49488	1.37	cps
Zirconium	90-1	37047	37274	36054	36792	1.76	cps
Zirconium	91-1	8142	8499	8189	8277	2.34	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:33:31	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2480056	2489901	2533179	2501046	1.13	cps
Antimony	121-1	377	427	427	410	7.04	cps
Arsenic	75-2	2417	2621	2492	2510	4.11	cps
Barium	135-1	172379	171607	171685	171890	0.25	cps
Barium	137-1	301750	296946	298995	299230	0.81	cps
Beryllium	9-1	330	340	313	328	4.11	cps
Bismuth	209-1	9836563	9708111	9662325	9735666	0.93	cps
Bismuth	209-2	8183590	8084192	8294040	8187274	1.28	cps
Bromine	81-1	17220	17390	16963	17191	1.25	cps
Bromine	81-2	270	287	280	279	3.01	cps
Cadmium	108-1	67	63	43	58	21.85	cps
Cadmium	106-1	3994	3924	3741	3886	3.37	cps
Cadmium	111-1	2916	2876	2775	2855	2.55	cps
Calcium	43-1	134203	131689	133322	133071	0.96	cps
Calcium	44-1	2108423	2107329	2128037	2114596	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124455	123843	125224	124507	0.56	cps
Cobalt	59-2	75170	75622	76132	75641	0.64	cps
Copper	63-2	154157	154165	156023	154782	0.69	cps
Dysprosium	156-1	12806	12626	12926	12786	1.18	cps
Dysprosium	156-2	12412	12172	12195	12260	1.08	cps
Erbium	164-1	10170	10097	10124	10130	0.37	cps
Erbium	164-2	7562	7422	7505	7497	0.94	cps
Gadolinium	160-1	10834	10921	10868	10874	0.40	cps
Gadolinium	160-2	8870	9280	8986	9045	2.34	cps
Holmium	165-1	16020411	15879650	15773813	15891291	0.78	cps
Holmium	165-2	11689717	11578904	11787682	11685435	0.89	cps
Indium	115-1	13352332	13054041	12842433	13082935	1.96	cps
Indium	115-2	5062247	5155944	5200708	5139633	1.37	cps
Iron	56-2	87751855	87737745	88282185	87923929	0.35	cps
Iron	57-2	2169577	2181241	2207697	2186172	0.89	cps
Iron	54-2	4808981	4794833	4809316	4804377	0.17	cps
Krypton	83-1	213	270	297	260	16.37	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:33:31	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	51072	50390	50537	50666	0.71	cps
Lead	207-1	35282	35927	35389	35533	0.97	cps
Lead	208-1	173260	172233	172791	172761	0.30	cps
Lithium	6-1	1768174	1737350	1712301	1739275	1.61	cps
Magnesium	24-2	3066630	3088375	3084953	3079986	0.38	cps
Manganese	55-2	1217905	1224034	1228715	1223551	0.44	cps
Molybdenum	94-1	14434	14677	14097	14403	2.02	cps
Molybdenum	95-1	847	917	827	863	5.47	cps
Molybdenum	96-1	4034	4017	3991	4014	0.54	cps
Molybdenum	97-1	640	557	463	553	15.97	cps
Molybdenum	98-1	1310	1273	1203	1262	4.29	cps
Neodymium	150-1	22979	22508	22555	22680	1.14	cps
Neodymium	150-2	14167	13757	14124	14016	1.61	cps
Nickel	60-2	37975	37961	37520	37819	0.68	cps
Phosphorus	31-2	7555	7709	7662	7642	1.03	cps
Potassium	39-2	503154	503596	504371	503707	0.12	cps
Rhodium	103-1	12527288	12620592	12195231	12447704	1.80	cps
Rhodium	103-2	7690482	7603985	7754258	7682909	0.98	cps
Scandium	45-1	7256926	7210497	7155156	7207526	0.71	cps
Scandium	45-2	692567	697686	700397	696883	0.57	cps
Selenium	82-1	617	526	483	542	12.64	cps
Selenium	77-2	30	47	27	34	31.11	cps
Selenium	78-2	557	567	617	580	5.54	cps
Silicon	28-1	3600000	3567510	3613745	3593752	0.66	cps
Silver	107-1	447	427	357	410	11.53	cps
Silver	109-1	340	353	307	333	7.21	cps
Sodium	23-2	73203	74419	73692	73771	0.83	cps
Strontium	86-1	73633	74008	73445	73695	0.39	cps
Strontium	88-1	648724	649754	644254	647577	0.45	cps
Sulfur	34-1	163456	164083	164885	164141	0.44	cps
Terbium	159-1	16579678	16436259	16396959	16470965	0.58	cps
Terbium	159-2	11557375	11546484	11509212	11537690	0.22	cps
Thallium	203-1	630	637	690	652	5.04	cps
Thallium	205-1	1517	1493	1597	1536	3.53	cps
Tin	118-1	3470	3370	3574	3472	2.93	cps
Titanium	47-1	697225	694597	691894	694572	0.38	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-14DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033D	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:33:31	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14218	14138	13851	14069	1.37	cps
Vanadium	51-2	147540	146816	149229	147862	0.84	cps
Yttrium	89-1	15882207	15641214	15498279	15673900	1.24	cps
Yttrium	89-2	4561495	4633941	4664817	4620085	1.15	cps
Zinc	66-2	49562	49291	48131	48994	1.55	cps
Zirconium	90-1	38196	38724	38434	38451	0.69	cps
Zirconium	91-1	8432	8806	8039	8426	4.55	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:36:43	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	484150	480747	478452	481116	0.60	cps
Antimony	121-1	123	110	147	127	14.65	cps
Arsenic	75-2	558	547	547	550	1.13	cps
Barium	135-1	34332	33670	33980	33994	0.97	cps
Barium	137-1	59219	58178	58396	58598	0.94	cps
Beryllium	9-1	70	90	123	94	28.53	cps
Bismuth	209-1	9745947	9716582	9537557	9666695	1.17	cps
Bismuth	209-2	8113121	8090998	8118865	8107661	0.18	cps
Bromine	81-1	17948	17571	17300	17606	1.85	cps
Bromine	81-2	247	207	183	212	15.09	cps
Cadmium	108-1	27	3	13	14	81.07	cps
Cadmium	106-1	3751	3874	3617	3747	3.43	cps
Cadmium	111-1	2653	2749	2576	2660	3.27	cps
Calcium	43-1	26456	25759	26603	26273	1.72	cps
Calcium	44-1	437985	442570	435962	438839	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25702	25815	25665	25728	0.30	cps
Cobalt	59-2	15495	15221	15008	15241	1.60	cps
Copper	63-2	31941	31807	31537	31762	0.65	cps
Dysprosium	156-1	2634	2477	2520	2544	3.18	cps
Dysprosium	156-2	2264	2480	2447	2397	4.87	cps
Erbium	164-1	2047	2030	2004	2027	1.08	cps
Erbium	164-2	1550	1403	1390	1448	6.13	cps
Gadolinium	160-1	2137	2194	2047	2126	3.48	cps
Gadolinium	160-2	2314	2134	2374	2274	5.49	cps
Holmium	165-1	16189805	15787557	15694720	15890694	1.66	cps
Holmium	165-2	11552502	11533706	11527396	11537868	0.11	cps
Indium	115-1	13529821	13074904	13057080	13220602	2.03	cps
Indium	115-2	5136482	5119339	5093440	5116420	0.42	cps
Iron	56-2	17511995	17427597	17376673	17438755	0.39	cps
Iron	57-2	443667	437066	435468	438733	0.99	cps
Iron	54-2	967042	966709	955639	963130	0.67	cps
Krypton	83-1	220	173	190	194	12.16	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:36:43	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10427	10638	10578	10547	1.03	cps
Lead	207-1	7115	7165	7349	7210	1.70	cps
Lead	208-1	35942	35691	35274	35636	0.95	cps
Lithium	6-1	1785434	1764531	1729840	1759935	1.60	cps
Magnesium	24-2	599429	592094	593197	594907	0.66	cps
Manganese	55-2	243258	244413	241834	243168	0.53	cps
Molybdenum	94-1	3024	2994	3084	3034	1.51	cps
Molybdenum	95-1	287	233	213	244	15.51	cps
Molybdenum	96-1	963	1030	1063	1019	5.00	cps
Molybdenum	97-1	183	190	150	174	12.29	cps
Molybdenum	98-1	433	420	400	418	4.02	cps
Neodymium	150-1	4294	4214	4417	4308	2.38	cps
Neodymium	150-2	2834	2860	3030	2908	3.67	cps
Nickel	60-2	7935	7532	7549	7672	2.98	cps
Phosphorus	31-2	1480	1583	1567	1543	3.60	cps
Potassium	39-2	151966	152306	153717	152663	0.61	cps
Rhodium	103-1	12647506	12411561	12377559	12478875	1.18	cps
Rhodium	103-2	7670253	7703220	7690956	7688143	0.22	cps
Scandium	45-1	7257514	7194031	7181740	7211095	0.56	cps
Scandium	45-2	701327	698544	696004	698625	0.38	cps
Selenium	82-1	563	540	558	554	2.14	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	607	577	577	587	2.95	cps
Silicon	28-1	1414546	1427771	1437881	1426733	0.82	cps
Silver	107-1	227	210	170	202	14.40	cps
Silver	109-1	143	137	97	126	20.10	cps
Sodium	23-2	31843	31389	31853	31695	0.84	cps
Strontium	86-1	14774	14764	14677	14739	0.36	cps
Strontium	88-1	129756	127449	127106	128104	1.12	cps
Sulfur	34-1	160300	164919	165380	163533	1.72	cps
Terbium	159-1	16698311	16552470	16132447	16461076	1.78	cps
Terbium	159-2	11623845	11380082	11497194	11500374	1.06	cps
Thallium	203-1	307	313	337	319	4.94	cps
Thallium	205-1	840	853	823	839	1.79	cps
Tin	118-1	1980	1860	1947	1929	3.21	cps
Titanium	47-1	139822	137289	136496	137869	1.26	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD033L	Dilution Factor :	20
Date & Time Acquired :	2024-12-20 17:36:43	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2760	2910	2797	2823	2.77	cps
Vanadium	51-2	29065	28831	29329	29075	0.86	cps
Yttrium	89-1	15883690	15478064	15538186	15633313	1.40	cps
Yttrium	89-2	4609097	4585508	4611803	4602136	0.31	cps
Zinc	66-2	10114	10454	10230	10266	1.68	cps
Zirconium	90-1	8349	7976	8179	8168	2.29	cps
Zirconium	91-1	1780	1773	1787	1780	0.37	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:39:57	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2582681	2619531	2627770	2609994	0.92	cps
Antimony	121-1	246401	249600	248249	248083	0.65	cps
Arsenic	75-2	10531	10428	10424	10461	0.58	cps
Barium	135-1	1421393	1417407	1401177	1413325	0.76	cps
Barium	137-1	2601665	2581121	2588620	2590469	0.40	cps
Beryllium	9-1	15141	14457	14473	14690	2.66	cps
Bismuth	209-1	9953547	9563967	9547234	9688250	2.37	cps
Bismuth	209-2	8259866	8183008	8059530	8167468	1.24	cps
Bromine	81-1	17581	17844	17654	17693	0.77	cps
Bromine	81-2	257	240	327	274	16.76	cps
Cadmium	108-1	2157	2164	2320	2214	4.18	cps
Cadmium	106-1	7365	7085	6835	7095	3.74	cps
Cadmium	111-1	37168	36349	35256	36258	2.65	cps
Calcium	43-1	135216	133080	133286	133861	0.88	cps
Calcium	44-1	2107518	2100183	2115123	2107608	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	343981	347392	346778	346050	0.53	cps
Cobalt	59-2	936013	922604	923869	927495	0.80	cps
Copper	63-2	445994	448482	445888	446788	0.33	cps
Dysprosium	156-1	12259	12763	12616	12546	2.07	cps
Dysprosium	156-2	12045	11938	12272	12085	1.41	cps
Erbium	164-1	10257	10107	10054	10139	1.04	cps
Erbium	164-2	7535	7245	7575	7452	2.42	cps
Gadolinium	160-1	10524	11051	10944	10840	2.57	cps
Gadolinium	160-2	8639	9046	8799	8828	2.32	cps
Holmium	165-1	16224576	15950489	15702307	15959124	1.64	cps
Holmium	165-2	11732971	11657672	11584089	11658244	0.64	cps
Indium	115-1	13691504	13177669	13007035	13292069	2.68	cps
Indium	115-2	5124225	5114612	5110911	5116583	0.13	cps
Iron	56-2	88088202	89022395	87653435	88254678	0.79	cps
Iron	57-2	2182734	2206501	2193805	2194346	0.54	cps
Iron	54-2	4788702	4853099	4886963	4842922	1.03	cps
Krypton	83-1	240	227	267	244	8.33	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:39:57	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	88449	88002	87398	87950	0.60	cps
Lead	207-1	65751	65993	64871	65538	0.90	cps
Lead	208-1	315208	315718	314239	315055	0.24	cps
Lithium	6-1	1787674	1760814	1702047	1750178	2.50	cps
Magnesium	24-2	3051028	3149653	3088610	3096430	1.61	cps
Manganese	55-2	1685048	1743075	1677525	1701882	2.11	cps
Molybdenum	94-1	14327	14601	14090	14339	1.78	cps
Molybdenum	95-1	837	807	780	808	3.51	cps
Molybdenum	96-1	4077	4394	4237	4236	3.74	cps
Molybdenum	97-1	460	497	523	493	6.45	cps
Molybdenum	98-1	1233	1340	1247	1273	4.56	cps
Neodymium	150-1	22952	22872	22451	22758	1.18	cps
Neodymium	150-2	13680	14337	14084	14034	2.36	cps
Nickel	60-2	257030	255041	253410	255160	0.71	cps
Phosphorus	31-2	7435	7809	7372	7539	3.13	cps
Potassium	39-2	502211	505660	500277	502716	0.54	cps
Rhodium	103-1	12726599	12444353	12294554	12488502	1.76	cps
Rhodium	103-2	7717765	7639391	7585633	7647596	0.87	cps
Scandium	45-1	7454439	7219634	7216747	7296940	1.87	cps
Scandium	45-2	693374	698008	698447	696609	0.40	cps
Selenium	82-1	4673	4513	4623	4603	1.77	cps
Selenium	77-2	570	537	533	547	3.71	cps
Selenium	78-2	2240	2174	2277	2230	2.35	cps
Silicon	28-1	3499450	3483385	3458467	3480434	0.59	cps
Silver	107-1	156005	159543	159943	158497	1.37	cps
Silver	109-1	148926	150637	150872	150145	0.71	cps
Sodium	23-2	73263	72871	72164	72766	0.77	cps
Strontium	86-1	73167	73050	73556	73257	0.36	cps
Strontium	88-1	647415	644396	640691	644167	0.52	cps
Sulfur	34-1	168362	169441	168440	168748	0.36	cps
Terbium	159-1	16927578	16634300	16260619	16607499	2.01	cps
Terbium	159-2	11563327	11474962	11614795	11551028	0.61	cps
Thallium	203-1	114254	113810	112795	113620	0.66	cps
Thallium	205-1	270456	268458	267152	268688	0.62	cps
Tin	118-1	3424	3427	3420	3424	0.10	cps
Titanium	47-1	690335	694071	691743	692050	0.27	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-15DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033S	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:39:57	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13927	14088	14047	14021	0.59	cps
Vanadium	51-2	629463	630611	623519	627864	0.61	cps
Yttrium	89-1	16199281	15604763	15466294	15756779	2.47	cps
Yttrium	89-2	4629540	4585361	4556213	4590371	0.80	cps
Zinc	66-2	154150	154180	153529	153953	0.24	cps
Zirconium	90-1	37478	37969	37835	37761	0.67	cps
Zirconium	91-1	8706	8246	8449	8467	2.72	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:43:08	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2954071	2940399	2920189	2938220	0.58	cps
Antimony	121-1	1055731	1046618	1039057	1047135	0.80	cps
Arsenic	75-2	35666	35027	34910	35201	1.16	cps
Barium	135-1	5766693	5591674	5649234	5669201	1.57	cps
Barium	137-1	9911250	9829056	9832593	9857633	0.47	cps
Beryllium	9-1	63004	62615	62836	62819	0.31	cps
Bismuth	209-1	9671378	9632751	9513581	9605903	0.86	cps
Bismuth	209-2	8235995	8108584	8082236	8142272	1.01	cps
Bromine	81-1	17360	17037	17167	17188	0.95	cps
Bromine	81-2	227	247	253	242	5.73	cps
Cadmium	108-1	9613	9180	9263	9352	2.46	cps
Cadmium	106-1	17077	16429	16346	16617	2.41	cps
Cadmium	111-1	146984	144414	142484	144627	1.56	cps
Calcium	43-1	131184	130122	129789	130365	0.56	cps
Calcium	44-1	2077301	2071074	2048515	2065630	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1050977	1052860	1046969	1050269	0.29	cps
Cobalt	59-2	3776339	3788862	3770547	3778583	0.25	cps
Copper	63-2	1371638	1373746	1367533	1370972	0.23	cps
Dysprosium	156-1	12552	12706	12389	12549	1.26	cps
Dysprosium	156-2	12052	12025	12369	12149	1.57	cps
Erbium	164-1	9817	10154	9687	9886	2.44	cps
Erbium	164-2	7232	7355	7599	7395	2.52	cps
Gadolinium	160-1	11024	10601	10667	10764	2.12	cps
Gadolinium	160-2	8866	8773	8646	8762	1.26	cps
Holmium	165-1	15849779	15625922	15722666	15732789	0.71	cps
Holmium	165-2	11719151	11538395	11538662	11598736	0.90	cps
Indium	115-1	13238783	12875758	13037731	13050757	1.39	cps
Indium	115-2	5097907	5006956	5011362	5038742	1.02	cps
Iron	56-2	90600539	90018602	89399785	90006309	0.67	cps
Iron	57-2	2233535	2219489	2219259	2224094	0.37	cps
Iron	54-2	4978804	4947678	4970057	4965513	0.32	cps
Krypton	83-1	227	293	273	264	12.94	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:43:08	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	214130	211638	210748	212172	0.83	cps
Lead	207-1	168855	167346	165569	167257	0.98	cps
Lead	208-1	796829	783959	784684	788491	0.92	cps
Lithium	6-1	1734232	1725404	1705562	1721733	0.85	cps
Magnesium	24-2	3039720	3008567	2966040	3004775	1.23	cps
Manganese	55-2	3142001	3118229	3092351	3117527	0.80	cps
Molybdenum	94-1	14754	14437	14017	14403	2.57	cps
Molybdenum	95-1	767	930	807	834	10.20	cps
Molybdenum	96-1	4347	4204	4214	4255	1.88	cps
Molybdenum	97-1	543	483	517	514	5.84	cps
Molybdenum	98-1	1350	1503	1407	1420	5.46	cps
Neodymium	150-1	22725	22081	22037	22281	1.73	cps
Neodymium	150-2	13960	13720	14171	13950	1.62	cps
Nickel	60-2	946455	945948	946762	946388	0.04	cps
Phosphorus	31-2	7409	7195	7385	7330	1.60	cps
Potassium	39-2	491891	489409	485017	488772	0.71	cps
Rhodium	103-1	12506199	12285465	12158369	12316678	1.43	cps
Rhodium	103-2	7622759	7555719	7463292	7547257	1.06	cps
Scandium	45-1	7194549	7191368	7068676	7151531	1.00	cps
Scandium	45-2	698197	688338	683967	690167	1.06	cps
Selenium	82-1	20369	20245	20502	20372	0.63	cps
Selenium	77-2	2590	2194	2354	2379	8.39	cps
Selenium	78-2	8246	8322	8302	8290	0.48	cps
Silicon	28-1	3451175	3465973	3432163	3449770	0.49	cps
Silver	107-1	666041	661796	664198	664012	0.32	cps
Silver	109-1	634101	625360	633887	631116	0.79	cps
Sodium	23-2	72903	71796	70969	71889	1.35	cps
Strontium	86-1	73613	71455	71536	72201	1.69	cps
Strontium	88-1	635496	634323	626108	631975	0.81	cps
Sulfur	34-1	162055	162399	162015	162156	0.13	cps
Terbium	159-1	16737667	16417670	16099869	16418402	1.94	cps
Terbium	159-2	11568341	11517417	11523951	11536570	0.24	cps
Thallium	203-1	486508	483028	478022	482519	0.88	cps
Thallium	205-1	1143324	1142353	1135693	1140457	0.36	cps
Tin	118-1	3647	3534	3447	3543	2.83	cps
Titanium	47-1	684172	676313	675041	678508	0.73	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5191-13MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD033SRE	Dilution Factor :	4
Date & Time Acquired :	2024-12-20 17:43:08	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13891	13624	13754	13756	0.97	cps
Vanadium	51-2	2238957	2227866	2199954	2222259	0.90	cps
Yttrium	89-1	15726686	15353060	15398885	15492877	1.32	cps
Yttrium	89-2	4600115	4519110	4499776	4539667	1.17	cps
Zinc	66-2	491404	492073	487370	490283	0.52	cps
Zirconium	90-1	37237	37458	37280	37325	0.31	cps
Zirconium	91-1	8439	8466	8396	8434	0.42	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5182-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ18ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:46:10	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12845859	12701249	12609056	12718721	0.94	cps
Antimony	121-1	5738	5628	5618	5661	1.18	cps
Arsenic	75-2	88690	89270	87562	88507	0.98	cps
Barium	135-1	1140966	1117073	1108825	1122288	1.49	cps
Barium	137-1	2051074	2020962	1995920	2022652	1.37	cps
Beryllium	9-1	2604	2454	2524	2527	2.97	cps
Bismuth	209-1	9643198	9483487	9420239	9515642	1.21	cps
Bismuth	209-2	8072205	7930579	7954783	7985856	0.95	cps
Bromine	81-1	17437	17908	17631	17658	1.34	cps
Bromine	81-2	703	757	757	739	4.17	cps
Cadmium	108-1	547	527	520	531	2.61	cps
Cadmium	106-1	5594	5111	4901	5202	6.84	cps
Cadmium	111-1	8234	7346	7194	7591	7.40	cps
Calcium	43-1	546948	539554	532256	539586	1.36	cps
Calcium	44-1	8685077	8432612	8273393	8463694	2.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258024	256418	254699	256380	0.65	cps
Cobalt	59-2	365823	363914	361470	363736	0.60	cps
Copper	63-2	1040167	1045025	1039635	1041609	0.29	cps
Dysprosium	156-1	136798	134369	133326	134831	1.32	cps
Dysprosium	156-2	117661	118962	118000	118208	0.57	cps
Erbium	164-1	112280	111050	108856	110729	1.57	cps
Erbium	164-2	81432	81275	79722	80809	1.17	cps
Gadolinium	160-1	129471	127803	125916	127730	1.39	cps
Gadolinium	160-2	98087	96620	96422	97043	0.94	cps
Holmium	165-1	16205761	15945818	15499801	15883794	2.25	cps
Holmium	165-2	11489994	11583803	11537309	11537036	0.41	cps
Indium	115-1	12930128	12568553	12278719	12592467	2.59	cps
Indium	115-2	4917163	4856203	4841166	4871511	0.83	cps
Iron	56-2	523930552	524493206	512763512	520395757	1.27	cps
Iron	57-2	12834834	12891094	12705629	12810519	0.74	cps
Iron	54-2	28501311	28367485	28052757	28307184	0.81	cps
Krypton	83-1	347	387	403	379	7.69	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5182-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ18ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:46:10	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	797557	792037	790852	793482	0.45	cps
Lead	207-1	723009	719832	718942	720594	0.30	cps
Lead	208-1	3212886	3194189	3182263	3196446	0.48	cps
Lithium	6-1	1809445	1782467	1744453	1778788	1.84	cps
Magnesium	24-2	8408428	8521368	8383222	8437672	0.87	cps
Manganese	55-2	8750433	8786509	8626601	8721181	0.96	cps
Molybdenum	94-1	111638	110241	109680	110519	0.91	cps
Molybdenum	95-1	6401	6428	6478	6436	0.61	cps
Molybdenum	96-1	30796	30218	29560	30191	2.05	cps
Molybdenum	97-1	3997	3877	3834	3903	2.17	cps
Molybdenum	98-1	10044	9737	9787	9856	1.67	cps
Neodymium	150-1	230339	227728	230104	229390	0.63	cps
Neodymium	150-2	142603	141724	142037	142121	0.31	cps
Nickel	60-2	95045	93469	93321	93945	1.02	cps
Phosphorus	31-2	48831	48764	48236	48610	0.67	cps
Potassium	39-2	6665304	6651497	6598980	6638594	0.53	cps
Rhodium	103-1	11966742	11643037	11503186	11704322	2.03	cps
Rhodium	103-2	7232961	7065354	7162430	7153582	1.18	cps
Scandium	45-1	7410659	7164461	7023452	7199524	2.72	cps
Scandium	45-2	673467	671312	667136	670638	0.48	cps
Selenium	82-1	991	831	798	874	11.81	cps
Selenium	77-2	387	440	400	409	6.79	cps
Selenium	78-2	840	830	917	862	5.50	cps
Silicon	28-1	29714813	29133872	28714888	29187858	1.72	cps
Silver	107-1	42399	42225	41930	42185	0.56	cps
Silver	109-1	39821	39500	39129	39484	0.88	cps
Sodium	23-2	133200	133465	134010	133558	0.31	cps
Strontium	86-1	283215	278506	276266	279329	1.27	cps
Strontium	88-1	2557885	2507124	2477030	2514013	1.63	cps
Sulfur	34-1	198058	194569	193820	195482	1.16	cps
Terbium	159-1	16589479	16110741	16248245	16316155	1.51	cps
Terbium	159-2	11548831	11453594	11437464	11479963	0.52	cps
Thallium	203-1	3871	4021	3947	3946	1.90	cps
Thallium	205-1	9310	9714	9840	9621	2.88	cps
Tin	118-1	7392	7012	7072	7159	2.86	cps
Titanium	47-1	1166245	1152874	1131296	1150138	1.53	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5182-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZ18ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:46:10	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43253	43183	42478	42971	1.00	cps
Vanadium	51-2	802514	800518	791490	798174	0.74	cps
Yttrium	89-1	16817094	16405045	16292919	16505019	1.67	cps
Yttrium	89-2	4762580	4687347	4677859	4709262	0.99	cps
Zinc	66-2	437090	438784	434505	436793	0.49	cps
Zirconium	90-1	295039	292924	287284	291749	1.37	cps
Zirconium	91-1	66383	65565	64002	65317	1.85	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5183-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZD8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:49:19	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29749936	29807459	29550649	29702681	0.45	cps
Antimony	121-1	16236	16530	16406	16391	0.90	cps
Arsenic	75-2	132135	132179	132013	132109	0.06	cps
Barium	135-1	523851	522201	522118	522723	0.19	cps
Barium	137-1	910300	912853	911483	911545	0.14	cps
Beryllium	9-1	1250	1460	1370	1360	7.75	cps
Bismuth	209-1	9486359	9347897	9393600	9409285	0.75	cps
Bismuth	209-2	7989102	7897092	7853804	7913333	0.87	cps
Bromine	81-1	16926	16209	16503	16546	2.18	cps
Bromine	81-2	577	580	533	563	4.62	cps
Cadmium	108-1	1060	1133	1160	1118	4.63	cps
Cadmium	106-1	6105	5691	5554	5783	4.95	cps
Cadmium	111-1	16390	15933	15518	15947	2.74	cps
Calcium	43-1	548776	544644	544157	545859	0.46	cps
Calcium	44-1	8595775	8567976	8438096	8533949	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2102330	2088511	2101906	2097582	0.37	cps
Cobalt	59-2	1122680	1126639	1131398	1126906	0.39	cps
Copper	63-2	5601189	5623962	5581343	5602164	0.38	cps
Dysprosium	156-1	60513	58916	59224	59551	1.42	cps
Dysprosium	156-2	48985	49473	49032	49163	0.55	cps
Erbium	164-1	69066	70573	69528	69723	1.11	cps
Erbium	164-2	51093	51160	50367	50873	0.86	cps
Gadolinium	160-1	64531	64179	63171	63961	1.10	cps
Gadolinium	160-2	49196	48524	49136	48952	0.76	cps
Holmium	165-1	15844003	15689344	15659587	15730978	0.63	cps
Holmium	165-2	11563787	11602352	11460047	11542062	0.64	cps
Indium	115-1	12543226	12480954	12373957	12466046	0.69	cps
Indium	115-2	4870656	4871882	4852193	4864910	0.23	cps
Iron	56-2	1035308171	1032086145	1030567878	1032654065	0.23	cps
Iron	57-2	25486657	25715164	25474804	25558875	0.53	cps
Iron	54-2	56548331	56792222	56815804	56718786	0.26	cps
Krypton	83-1	320	320	290	310	5.59	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5183-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZD8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:49:19	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1196181	1185639	1186991	1189604	0.48	cps
Lead	207-1	1052910	1045858	1054798	1051189	0.45	cps
Lead	208-1	4950791	4909801	4943781	4934791	0.44	cps
Lithium	6-1	1776810	1749521	1759903	1762078	0.78	cps
Magnesium	24-2	32657788	32602991	32371932	32544237	0.47	cps
Manganese	55-2	16091468	16115426	16091375	16099423	0.09	cps
Molybdenum	94-1	59095	59216	59329	59213	0.20	cps
Molybdenum	95-1	5064	5194	5028	5095	1.72	cps
Molybdenum	96-1	24774	24875	24864	24838	0.22	cps
Molybdenum	97-1	3280	3180	3237	3233	1.55	cps
Molybdenum	98-1	7779	7765	7805	7783	0.26	cps
Neodymium	150-1	80431	80256	78916	79868	1.04	cps
Neodymium	150-2	49901	49798	49513	49737	0.40	cps
Nickel	60-2	496680	491726	495361	494589	0.52	cps
Phosphorus	31-2	16809	17233	17420	17154	1.82	cps
Potassium	39-2	1061695	1053929	1056421	1057348	0.38	cps
Rhodium	103-1	11751676	11588280	11395968	11578641	1.54	cps
Rhodium	103-2	7219382	7185853	7095128	7166787	0.90	cps
Scandium	45-1	7721546	7659520	7515806	7632291	1.38	cps
Scandium	45-2	737048	734729	736842	736207	0.17	cps
Selenium	82-1	1019	1005	1009	1011	0.68	cps
Selenium	77-2	163	167	207	179	13.48	cps
Selenium	78-2	723	780	727	743	4.28	cps
Silicon	28-1	30273438	30404652	29977160	30218416	0.72	cps
Silver	107-1	52434	54063	53896	53465	1.68	cps
Silver	109-1	50541	51468	51772	51260	1.25	cps
Sodium	23-2	150450	150678	151039	150722	0.20	cps
Strontium	86-1	280234	275188	275478	276967	1.02	cps
Strontium	88-1	2520209	2518313	2477349	2505290	0.97	cps
Sulfur	34-1	164440	164292	163770	164167	0.21	cps
Terbium	159-1	16451544	16310829	16096846	16286406	1.10	cps
Terbium	159-2	11475094	11533866	11370037	11459666	0.72	cps
Thallium	203-1	2377	2234	2260	2290	3.33	cps
Thallium	205-1	5414	5154	5214	5261	2.59	cps
Tin	118-1	10531	10557	10631	10573	0.49	cps
Titanium	47-1	4852342	4736872	4740613	4776609	1.37	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	P5183-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZD8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:49:19	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22940	23143	23147	23077	0.51	cps
Vanadium	51-2	2320745	2350957	2330957	2334220	0.66	cps
Yttrium	89-1	16023578	15909953	15849668	15927733	0.55	cps
Yttrium	89-2	4695612	4662551	4661916	4673359	0.41	cps
Zinc	66-2	439859	439795	436876	438843	0.39	cps
Zirconium	90-1	152539	150360	151108	151336	0.73	cps
Zirconium	91-1	34420	33769	34153	34114	0.96	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:52:23	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16507971	16237299	16354251	16366507	0.83	cps
Antimony	121-1	6390938	6351336	6319604	6353959	0.56	cps
Arsenic	75-2	344700	347208	344478	345462	0.44	cps
Barium	135-1	8271646	8190483	8278426	8246852	0.59	cps
Barium	137-1	14433002	14363485	14296142	14364210	0.48	cps
Beryllium	9-1	734708	741475	740480	738888	0.49	cps
Bismuth	209-1	8639144	8412439	8479204	8510262	1.37	cps
Bismuth	209-2	7138745	7036412	7045320	7073492	0.80	cps
Bromine	81-1	14684	13163	13309	13719	6.12	cps
Bromine	81-2	163	173	167	168	3.03	cps
Cadmium	108-1	115643	114373	114380	114798	0.64	cps
Cadmium	106-1	165817	165416	164675	165303	0.35	cps
Cadmium	111-1	1530582	1527883	1524891	1527785	0.19	cps
Calcium	43-1	8444229	8229641	8205718	8293196	1.58	cps
Calcium	44-1	136407741	134040471	133472528	134640247	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2640536	2643820	2670566	2651640	0.62	cps
Cobalt	59-2	4085943	4060074	4078916	4074977	0.33	cps
Copper	63-2	28482211	28306611	28371744	28386855	0.31	cps
Dysprosium	156-1	353	310	343	336	6.76	cps
Dysprosium	156-2	723	603	660	662	9.07	cps
Erbium	164-1	277	300	317	298	6.75	cps
Erbium	164-2	233	220	217	223	3.95	cps
Gadolinium	160-1	353	307	273	311	12.92	cps
Gadolinium	160-2	807	770	767	781	2.84	cps
Holmium	165-1	14699708	14834503	14647570	14727260	0.66	cps
Holmium	165-2	10774865	10800887	10837602	10804451	0.29	cps
Indium	115-1	11338703	11225910	11079695	11214769	1.16	cps
Indium	115-2	4350087	4341645	4319678	4337136	0.36	cps
Iron	56-2	623005537	623229404	623397857	623210933	0.03	cps
Iron	57-2	15677926	15644590	15801073	15707863	0.52	cps
Iron	54-2	34097153	33812717	34242515	34050795	0.64	cps
Krypton	83-1	240	217	210	222	7.09	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:52:23	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25190943	25097758	25144090	25144264	0.19	cps
Lead	207-1	22223920	22192186	22184336	22200147	0.09	cps
Lead	208-1	101156220	100872817	100658519	100895852	0.25	cps
Lithium	6-1	1657766	1628742	1636424	1640978	0.92	cps
Magnesium	24-2	123204345	122804338	123069322	123026002	0.17	cps
Manganese	55-2	21529018	21293767	21413591	21412125	0.55	cps
Molybdenum	94-1	22560943	22419511	22262181	22414212	0.67	cps
Molybdenum	95-1	32499226	32557060	31919918	32325401	1.09	cps
Molybdenum	96-1	35653130	35614483	34936765	35401459	1.14	cps
Molybdenum	97-1	20543228	20254476	20041563	20279756	1.24	cps
Molybdenum	98-1	52786039	52050244	51761871	52199385	1.01	cps
Neodymium	150-1	600	503	517	540	9.70	cps
Neodymium	150-2	157	153	177	162	7.78	cps
Nickel	60-2	965260	963032	960012	962768	0.27	cps
Phosphorus	31-2	146537	146369	147085	146664	0.26	cps
Potassium	39-2	80626699	80422170	80052145	80367005	0.36	cps
Rhodium	103-1	10205505	10030775	9996228	10077503	1.11	cps
Rhodium	103-2	6308462	6244581	6283479	6278841	0.51	cps
Scandium	45-1	6394840	6126697	6224767	6248768	2.17	cps
Scandium	45-2	599739	595083	596422	597081	0.40	cps
Selenium	82-1	103135	102096	102339	102523	0.53	cps
Selenium	77-2	10951	10520	10691	10721	2.02	cps
Selenium	78-2	36822	35850	36094	36255	1.40	cps
Silicon	28-1	3690218	3787821	3727214	3735084	1.32	cps
Silver	107-1	7972534	8032802	7829483	7944940	1.31	cps
Silver	109-1	7590641	7523393	7437257	7517097	1.02	cps
Sodium	23-2	199221250	197767964	199419277	198802830	0.45	cps
Strontium	86-1	2068975	2033181	2033313	2045156	1.01	cps
Strontium	88-1	17929422	17801512	17612123	17781019	0.90	cps
Sulfur	34-1	640286	631860	629474	633874	0.90	cps
Terbium	159-1	15206722	15043362	15041447	15097177	0.63	cps
Terbium	159-2	10777942	10729929	10709725	10739198	0.33	cps
Thallium	203-1	6363196	6254167	6207232	6274865	1.28	cps
Thallium	205-1	15011596	14916733	14935173	14954501	0.34	cps
Tin	118-1	5341361	5310154	5300604	5317373	0.40	cps
Titanium	47-1	7731733	7684851	7671377	7695987	0.41	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCV032	Instrumnet Name :	P7
Client Sample ID :	CCV032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:52:23	DataFile Name :	084CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20075082	19951193	19922801	19983026	0.41	cps
Vanadium	51-2	2359793	2383368	2366650	2369937	0.51	cps
Yttrium	89-1	13795241	13555749	13334743	13561911	1.70	cps
Yttrium	89-2	3962462	3985725	3952583	3966923	0.43	cps
Zinc	66-2	4727435	4701526	4732218	4720393	0.35	cps
Zirconium	90-1	11010627	10901554	10802299	10904827	0.96	cps
Zirconium	91-1	2439288	2445347	2443628	2442754	0.13	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:59:03	DataFile Name :	086CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303	270	253	276	9.24	cps
Antimony	121-1	573	457	530	520	11.34	cps
Arsenic	75-2	4	14	4	7	82.79	cps
Barium	135-1	80	90	53	74	25.46	cps
Barium	137-1	110	103	117	110	6.06	cps
Beryllium	9-1	83	103	67	84	21.74	cps
Bismuth	209-1	9885117	9610170	9612542	9702610	1.63	cps
Bismuth	209-2	8162695	8166774	8044920	8124797	0.85	cps
Bromine	81-1	14200	14114	14624	14313	1.91	cps
Bromine	81-2	187	163	140	163	14.29	cps
Cadmium	108-1	17	13	7	12	41.65	cps
Cadmium	106-1	3991	3637	3681	3769	5.11	cps
Cadmium	111-1	2808	2570	2602	2660	4.87	cps
Calcium	43-1	703	663	597	654	8.23	cps
Calcium	44-1	17938	17370	17584	17631	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1193	1223	1267	1228	3.00	cps
Cobalt	59-2	173	143	130	149	14.91	cps
Copper	63-2	893	777	903	858	8.21	cps
Dysprosium	156-1	7	17	3	9	78.08	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	33	77	47	52	42.50	cps
Erbium	164-2	43	47	33	41	16.89	cps
Gadolinium	160-1	43	60	30	44	33.82	cps
Gadolinium	160-2	690	633	650	658	4.43	cps
Holmium	165-1	15724115	15461999	15298572	15494895	1.39	cps
Holmium	165-2	11320276	11414028	11194861	11309722	0.97	cps
Indium	115-1	12906057	12558303	12362031	12608797	2.19	cps
Indium	115-2	4874326	4925487	4859204	4886339	0.71	cps
Iron	56-2	22413	22206	22367	22329	0.49	cps
Iron	57-2	1173	1150	1183	1169	1.46	cps
Iron	54-2	2894	2780	2857	2844	2.03	cps
Krypton	83-1	233	237	177	216	15.64	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:59:03	DataFile Name :	086CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	790	650	767	736	10.20	cps
Lead	207-1	777	720	557	684	16.69	cps
Lead	208-1	3194	2977	2907	3026	4.94	cps
Lithium	6-1	1859790	1796738	1759292	1805273	2.81	cps
Magnesium	24-2	1437	1390	1400	1409	1.74	cps
Manganese	55-2	387	353	390	377	5.38	cps
Molybdenum	94-1	490	490	427	469	7.80	cps
Molybdenum	95-1	373	360	323	352	7.35	cps
Molybdenum	96-1	460	447	373	427	10.94	cps
Molybdenum	97-1	237	253	187	226	15.38	cps
Molybdenum	98-1	707	577	493	592	18.15	cps
Neodymium	150-1	7	3	7	6	34.70	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	300	357	313	323	9.16	cps
Phosphorus	31-2	157	143	173	158	9.53	cps
Potassium	39-2	59589	60476	60513	60193	0.87	cps
Rhodium	103-1	12124068	11791626	11744763	11886819	1.74	cps
Rhodium	103-2	7389322	7317739	7415113	7374058	0.68	cps
Scandium	45-1	6955471	6862249	6807090	6874937	1.09	cps
Scandium	45-2	648370	646885	646145	647133	0.18	cps
Selenium	82-1	554	563	526	548	3.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	570	417	473	487	15.93	cps
Silicon	28-1	607885	609725	614708	610773	0.58	cps
Silver	107-1	303	333	213	283	22.04	cps
Silver	109-1	280	233	240	251	10.05	cps
Sodium	23-2	25464	24937	24793	25065	1.41	cps
Strontium	86-1	380	350	310	347	10.13	cps
Strontium	88-1	323	357	433	371	15.20	cps
Sulfur	34-1	187282	190845	190815	189647	1.08	cps
Terbium	159-1	16185736	15922483	15674419	15927546	1.61	cps
Terbium	159-2	11307828	11154909	11279212	11247316	0.72	cps
Thallium	203-1	457	540	490	496	8.46	cps
Thallium	205-1	1120	1083	963	1056	7.76	cps
Tin	118-1	1853	1643	1977	1825	9.24	cps
Titanium	47-1	163	153	117	144	17.01	cps

Reviewed By:Mohan
On:12/23/2024 4:14:06 AM
Inst Id :P7

LB Number :	LB134058	Operator :	Jaswal
Lab Sample ID :	CCB032	Instrumnet Name :	P7
Client Sample ID :	CCB032	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 17:59:03	DataFile Name :	086CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	93	93	90	92	2.08	cps
Vanadium	51-2	13	13	20	16	24.76	cps
Yttrium	89-1	15041529	14673593	14542362	14752495	1.75	cps
Yttrium	89-2	4336006	4317797	4283546	4312449	0.62	cps
Zinc	66-2	1413	1340	1320	1358	3.62	cps
Zirconium	90-1	767	723	690	727	5.29	cps
Zirconium	91-1	187	143	150	160	14.58	cps

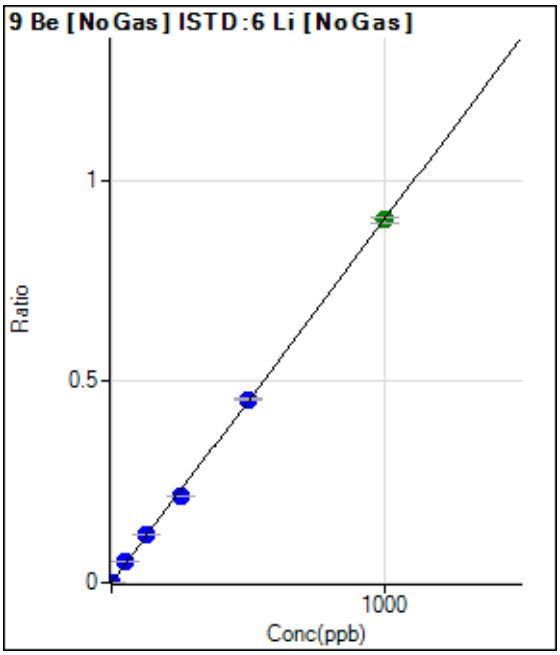
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7122024MS3.b\
Analysis File: P7122024MS3.batch.bin
DA Date-Time: 2024-12-22 13:13:44
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-20 19:34:02
2	006CALS.d	S02	2024-12-20 19:40:37
3	007CALS.d	S03	2024-12-20 19:43:53
4	008CALS.d	S04	2024-12-20 19:46:53
5	009CALS.d	S05	2024-12-20 19:49:43
6	010CALS.d	S06	2024-12-20 19:52:31
7	011CALS.d	S07	2024-12-20 19:55:15
8	012CALS.d	S08	2024-12-20 19:58:02

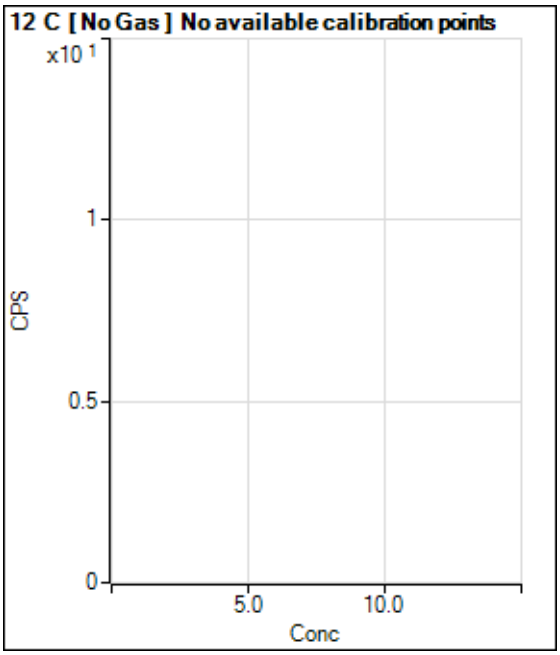
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0000	P	24.
2	☐	1.000	1.217	1852.35	0.0011	P	4.6
3	☐	50.000	58.282	90647.77	0.0526	P	0.7
4	☐	125.000	134.060	215835.83	0.1210	P	0.5
5	☐	250.000	237.938	393516.41	0.2147	P	1.3
6	☐	500.000	505.411	828087.06	0.4560	P	0.9
7	☐	1000.000	998.763	1616751.61	0.9012	A	1.7
8	☐			408.90	0.0002	P	6.3

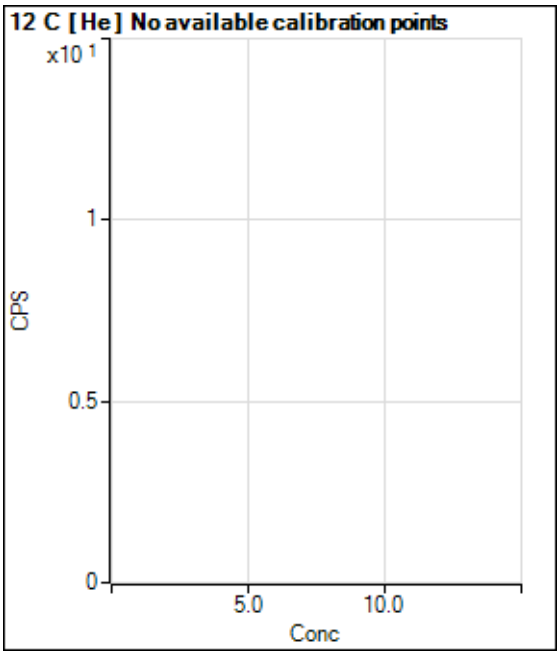
y = 9.0224E-004 * x + 2.8768E-005
R = 0.9998
DL = 0.02373
BEC = 0.03189

Weight: <None>
Min Conc: 0

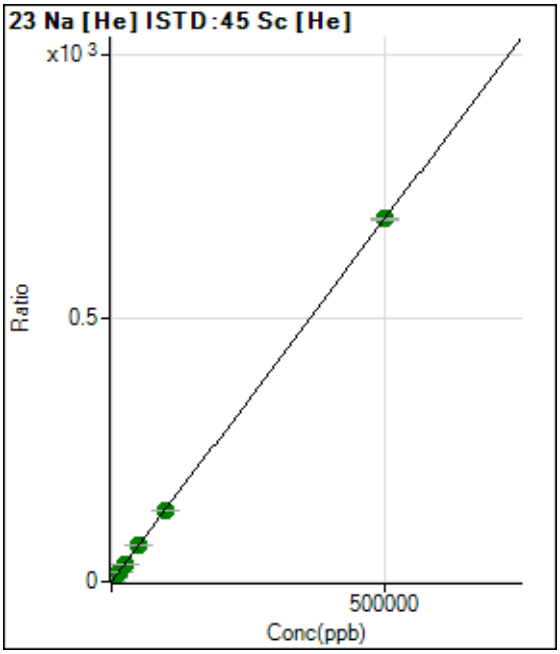


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



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

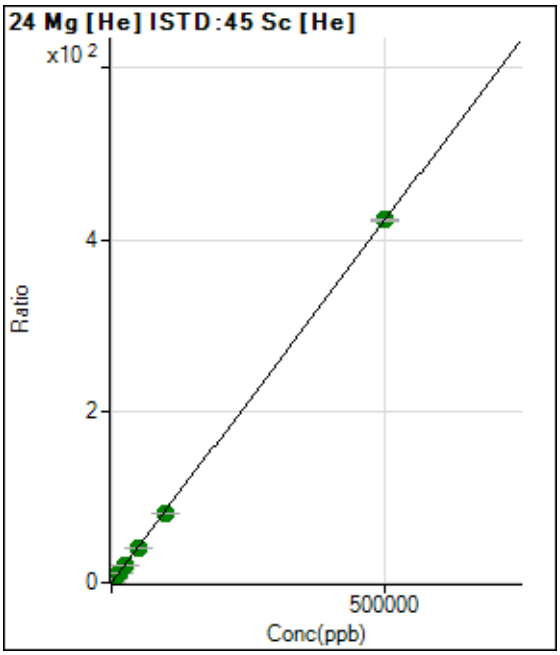


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22565.52	0.0333	P	2.1
2	☐	500.000	500.614	490171.95	0.7221	P	0.4
3	☐	5000.000	5182.962	4790752.18	7.1643	A	1.1
4	☐	12500.000	12436.980	10886854.84	17.1448	A	0.6
5	☐	25000.000	23092.117	19072719.86	31.8047	A	0.4
6	☐	50000.000	49790.253	39113560.25	68.5374	A	0.3
7	☐	100000.00	98767.027	75795918.87	135.9223	A	0.2
8	☐	500000.00	500362.70	409808393.89	688.4592	A	0.2

y = 0.0014 * x + 0.0333
R = 1.0000
DL = 1.496
BEC = 24.23

Weight: <None>
Min Conc: 0

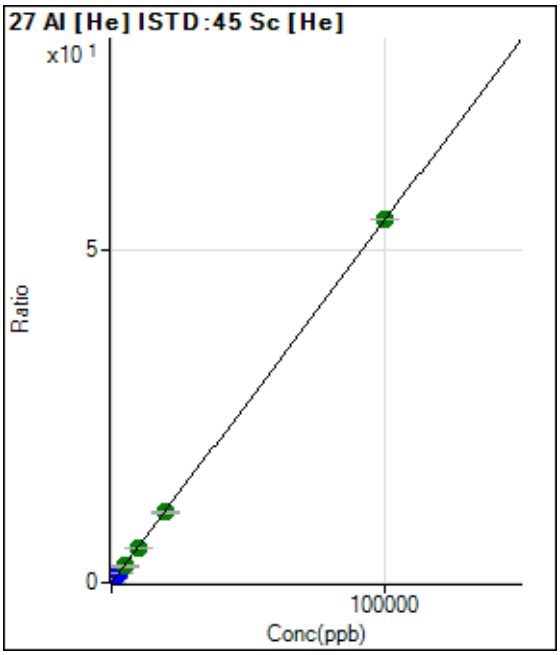
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	888.92	0.0013	P	1.9
2	☐	500.000	529.917	304719.61	0.4489	P	0.4
3	☐	5000.000	5139.996	2904132.87	4.3428	A	0.5
4	☐	12500.000	12199.300	6543951.29	10.3055	A	0.5
5	☐	25000.000	22647.612	11471692.47	19.1307	A	0.6
6	☐	50000.000	48950.686	23596490.76	41.3477	A	0.4
7	☐	100000.00	96589.470	45496003.21	81.5860	A	0.1
8	☐	500000.00	500910.74	251848045.14	423.0977	A	0.5

y = 8.4465E-004 * x + 0.0013
R = 1.0000
DL = 0.08852
BEC = 1.554

Weight: <None>
Min Conc: 0

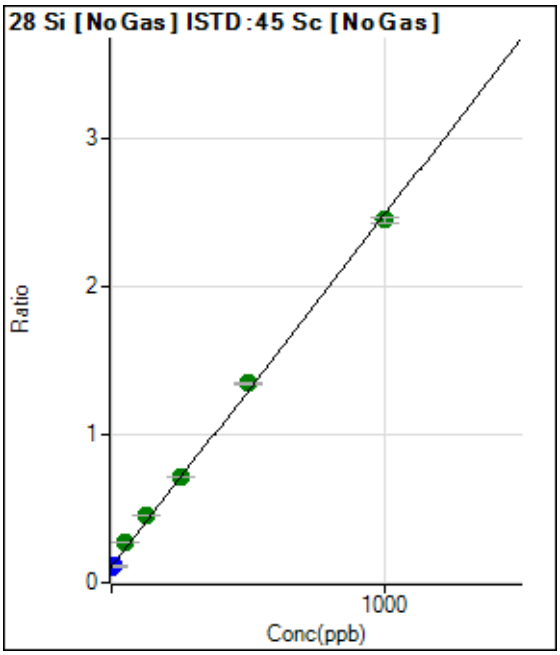


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.12	0.0004	P	12.
2	☐	20.000	19.854	7647.52	0.0113	P	1.9
3	☐	1000.000	1006.658	367663.48	0.5498	P	0.7
4	☐	2500.000	2402.211	832753.46	1.3114	P	0.6
5	☐	5000.000	4526.719	1481636.18	2.4708	A	1.0
6	☐	10000.000	9775.161	3044726.00	5.3351	A	0.6
7	☐	20000.000	19384.052	5899331.09	10.5791	A	0.3
8	☐	100000.00	100171.71	32541572.01	54.6683	A	0.1

y = 5.4574E-004 * x + 4.2998E-004
R = 1.0000
DL = 0.2965
BEC = 0.7879

Weight: <None>
Min Conc: 0

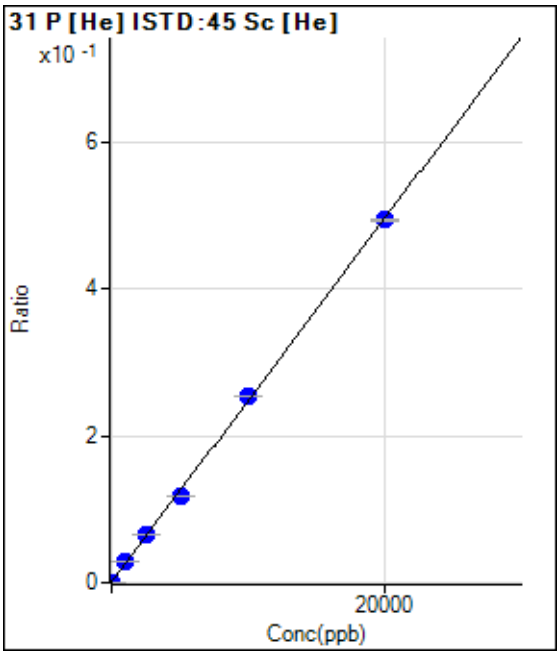
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	770092.57	0.1072	P	1.9
2	☐	10.000	1.432	806257.60	0.1106	P	1.5
3	☐	50.000	69.391	2004457.31	0.2718	A	1.4
4	☐	125.000	144.733	3233969.85	0.4506	A	1.2
5	☐	250.000	253.549	4897207.91	0.7089	A	0.3
6	☐	500.000	521.207	8925995.98	1.3441	A	1.1
7	☐	1000.000	985.159	15668970.46	2.4452	A	1.4
8	☐			702463.29	0.1101	P	0.8

y = 0.0024 * x + 0.1072
R = 0.9993
DL = 2.618
BEC = 45.15

Weight: <None>
Min Conc: 0

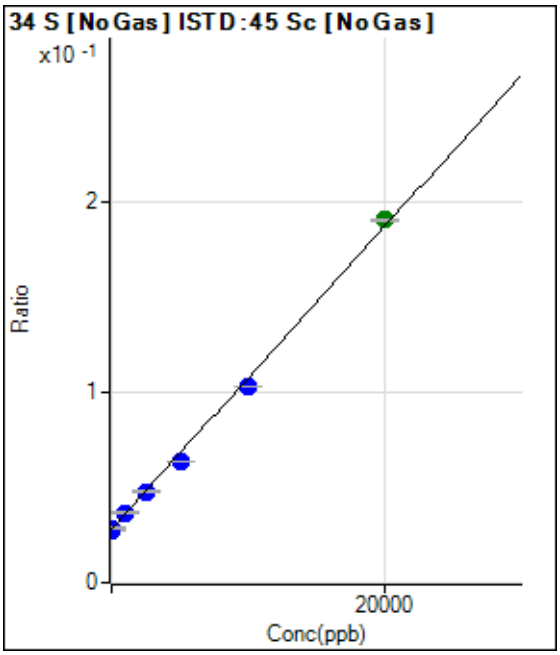


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.835	177.78	0.0003	P	18.
2	☐	0.000	16.835	743.36	0.0011	P	8.9
3	☐	1000.000	1091.582	18504.61	0.0277	P	0.5
4	☐	2500.000	2640.712	41893.86	0.0660	P	1.3
5	☐	5000.000	4728.105	70512.49	0.1176	P	0.9
6	☐	10000.000	10216.094	144550.21	0.2533	P	0.6
7	☐	20000.000	19937.759	275302.07	0.4937	P	0.3
8	☐			298.89	0.0005	P	13.

y = 2.4727E-005 * x + 6.7882E-004
R = 0.9998
DL = 8.852
BEC = 27.45

Weight: <None>
Min Conc: 0

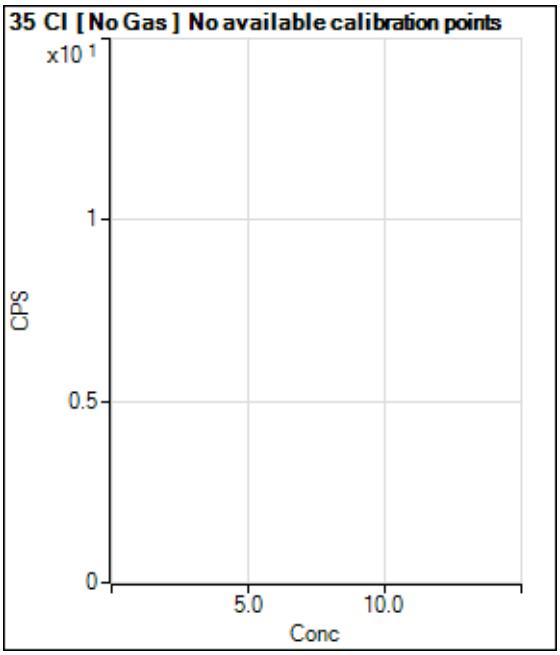
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-65.957	199004.35	0.0277	P	2.7
2	☐	0.000	65.957	209621.40	0.0287	P	1.3
3	☐	1000.000	1051.896	269731.04	0.0366	P	1.9
4	☐	2500.000	2473.028	343627.33	0.0479	P	0.5
5	☐	5000.000	4431.741	438364.75	0.0635	P	0.6
6	☐	10000.000	9419.080	684773.68	0.1031	P	0.8
7	☐	20000.000	20433.301	1221954.67	0.1907	A	0.8
8	☐			186843.35	0.0293	P	3.3

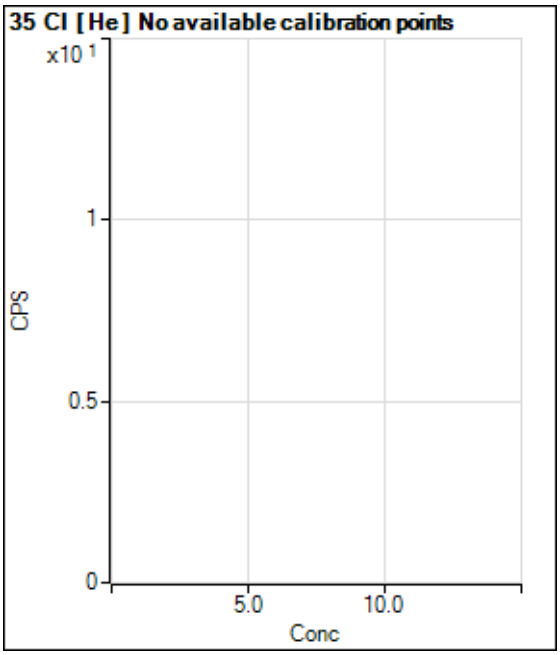
y = 7.9513E-006 * x + 0.0282
R = 0.9989
DL = 212.5
BEC = 3549

Weight: <None>
Min Conc: 0

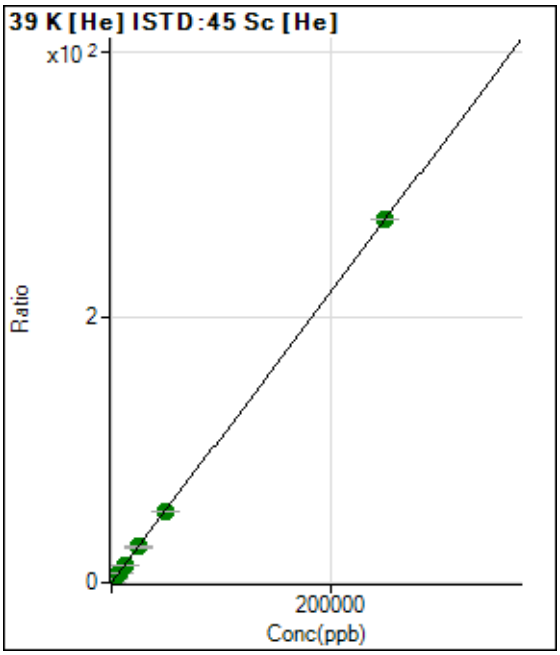


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



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

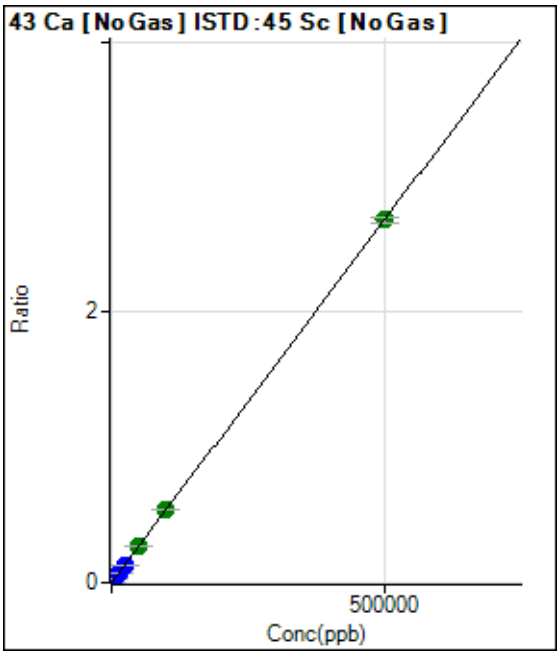


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70571.36	0.1042	P	0.3
2	☐	500.000	539.420	471167.34	0.6941	P	0.5
3	☐	2500.000	2656.075	2012087.75	3.0088	A	0.5
4	☐	6250.000	6270.521	4420555.35	6.9614	A	1.2
5	☐	12500.000	11406.594	7542640.93	12.5779	A	0.4
6	☐	25000.000	24519.057	15360827.55	26.9171	A	0.9
7	☐	50000.000	48681.511	29744713.17	53.3399	A	0.7
8	☐	250000.00	250364.31	163034792.02	273.8902	A	0.1

y = 0.0011 * x + 0.1042
R = 1.0000
DL = 0.9409
BEC = 95.32

Weight: <None>
Min Conc: 0

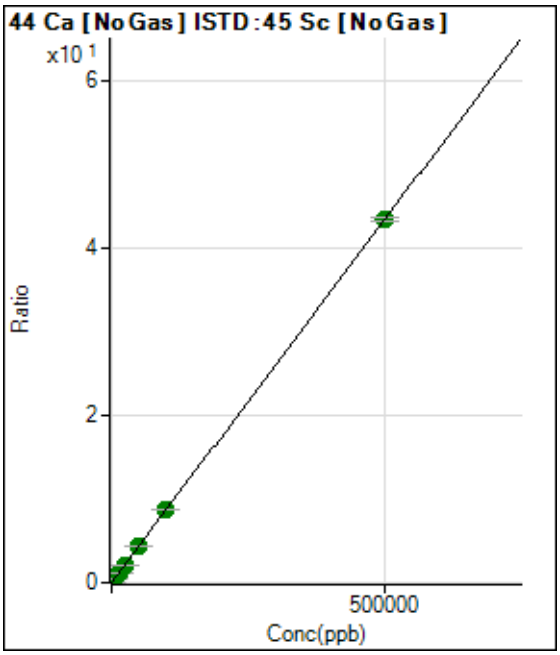
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	457.79	0.0001	P	7.5
2	☐	500.000	544.452	21765.71	0.0030	P	0.5
3	☐	5000.000	5493.163	217769.48	0.0295	P	0.4
4	☐	12500.000	13035.132	502284.11	0.0700	P	0.4
5	☐	25000.000	24141.538	895046.23	0.1296	P	0.6
6	☐	50000.000	50447.945	1797720.06	0.2707	A	0.4
7	☐	100000.00	99933.490	3435539.15	0.5361	A	1.0
8	☐	500000.00	499993.07	17113429.05	2.6822	A	1.5

y = 5.3643E-006 * x + 6.3650E-005
R = 1.0000
DL = 2.655
BEC = 11.87

Weight: <None>
Min Conc: 0

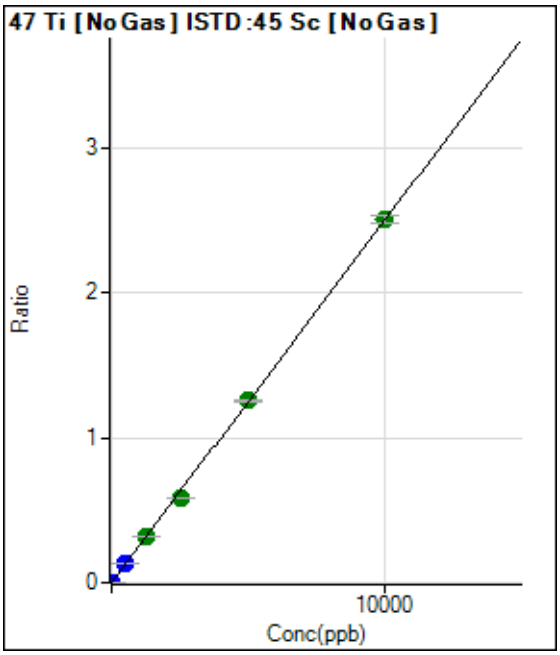


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14653.13	0.0020	P	1.1
2	☐	500.000	551.257	363938.57	0.0499	P	1.1
3	☐	5000.000	5321.117	3422188.66	0.4641	A	0.7
4	☐	12500.000	12614.663	7875456.62	1.0973	A	0.5
5	☐	25000.000	23355.350	14022924.65	2.0299	A	0.7
6	☐	50000.000	50477.788	29120865.40	4.3849	A	0.8
7	☐	100000.00	100074.84	55691208.61	8.6914	A	1.4
8	☐	500000.00	500013.35	277021231.43	43.4174	A	1.0

y = 8.6828E-005 * x + 0.0020
R = 1.0000
DL = 0.7973
BEC = 23.48

Weight: <None>
Min Conc: 0

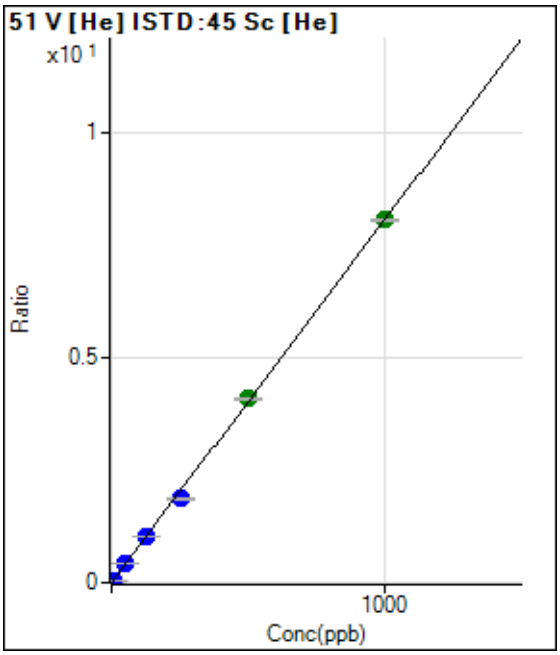
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0000	P	14.
2	☐	5.000	5.340	9795.47	0.0013	P	1.7
3	☐	500.000	526.933	969511.76	0.1315	P	0.5
4	☐	1250.000	1267.938	2270157.52	0.3163	A	0.5
5	☐	2500.000	2347.497	4045799.77	0.5857	A	0.4
6	☐	5000.000	5029.386	8332663.42	1.2547	A	1.0
7	☐	10000.000	10019.844	16016210.60	2.4997	A	2.0
8	☐			2110.17	0.0003	P	7.2

y = 2.4948E-004 * x + 1.0989E-005
R = 0.9998
DL = 0.01866
BEC = 0.04405

Weight: <None>
Min Conc: 0

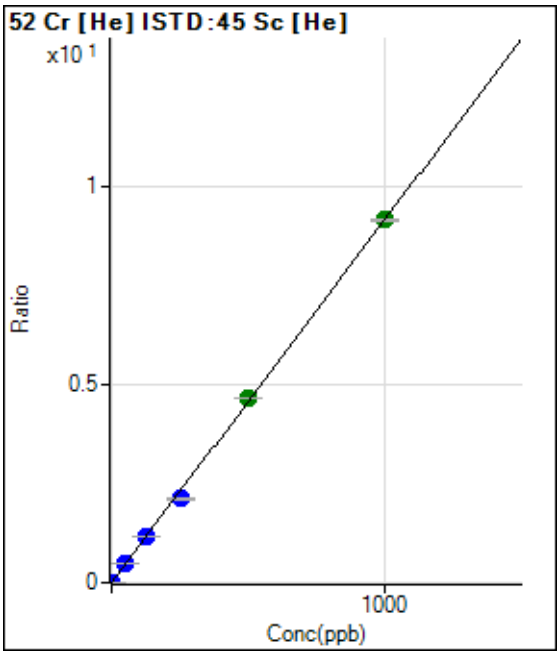


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	0.2
2	☐	5.000	5.341	29177.14	0.0430	P	1.5
3	☐	50.000	52.864	284275.21	0.4251	P	0.8
4	☐	125.000	125.820	642464.81	1.0117	P	0.5
5	☐	250.000	231.045	1114036.26	1.8579	P	0.9
6	☐	500.000	507.339	2328139.25	4.0795	A	0.6
7	☐	1000.000	1000.822	4487731.70	8.0476	A	0.3
8	☐			1012.27	0.0017	P	3.7

y = 0.0080 * x + 3.4459E-005
R = 0.9997
DL = 2.24E-05
BEC = 0.004285

Weight: <None>
Min Conc: 0

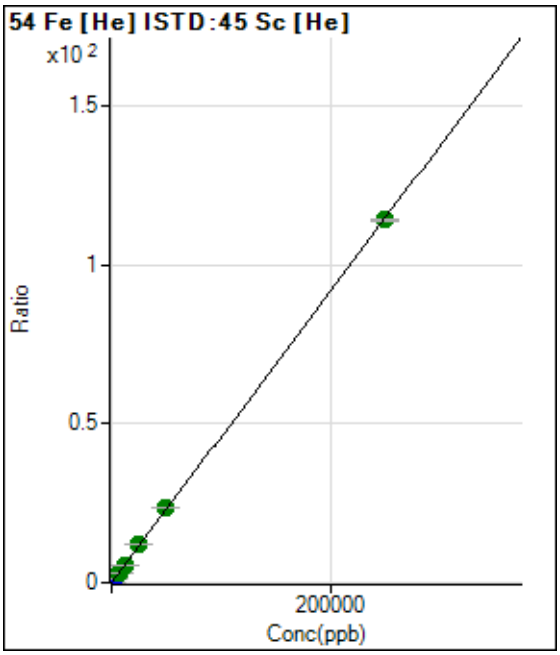
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1683.44	0.0025	P	6.4
2	☐	2.000	2.116	14851.84	0.0219	P	1.6
3	☐	50.000	52.450	323141.85	0.4832	P	0.7
4	☐	125.000	125.594	732566.87	1.1536	P	0.2
5	☐	250.000	230.688	1269375.81	2.1169	P	0.8
6	☐	500.000	507.942	2658300.32	4.6581	A	0.6
7	☐	1000.000	1000.660	5115932.60	9.1742	A	0.4
8	☐			9319.54	0.0157	P	8.1

y = 0.0092 * x + 0.0025
R = 0.9997
DL = 0.05239
BEC = 0.2713

Weight: <None>
Min Conc: 0

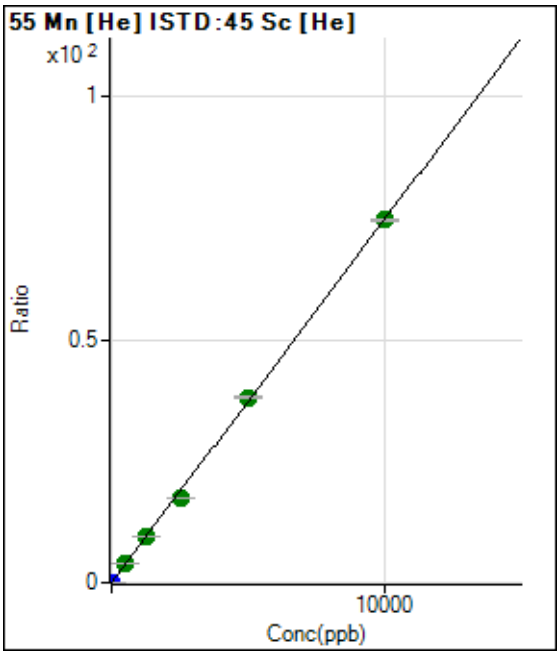


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3182.59	0.0047	P	2.8
2	☐	50.000	57.543	21059.29	0.0310	P	1.0
3	☐	2500.000	2810.313	862782.66	1.2902	P	0.7
4	☐	6250.000	6720.359	1955070.37	3.0788	A	0.6
5	☐	12500.000	12253.073	3363599.36	5.6096	A	1.3
6	☐	25000.000	26561.449	6936382.40	12.1546	A	0.7
7	☐	50000.000	51989.684	13264376.89	23.7862	A	0.2
8	☐	250000.00	249443.40	67921725.65	114.1070	A	0.6

y = 4.5743E-004 * x + 0.0047
R = 0.9999
DL = 0.8676
BEC = 10.28

Weight: <None>
Min Conc: 0

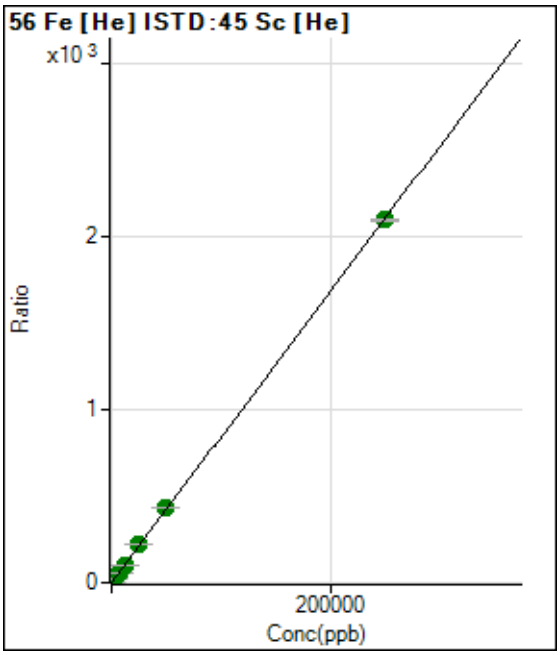
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	751.14	0.0011	P	11.
2	☐	1.000	0.957	5606.65	0.0083	P	3.8
3	☐	500.000	531.605	2658257.25	3.9754	A	1.4
4	☐	1250.000	1256.803	5967126.23	9.3969	A	0.3
5	☐	2500.000	2338.282	10482886.65	17.4820	A	1.0
6	☐	5000.000	5093.652	21731951.90	38.0810	A	0.8
7	☐	10000.000	9991.173	41652816.88	74.6945	A	0.2
8	☐			20557.60	0.0345	P	3.6

y = 0.0075 * x + 0.0011
R = 0.9998
DL = 0.05157
BEC = 0.1484

Weight: <None>
Min Conc: 0

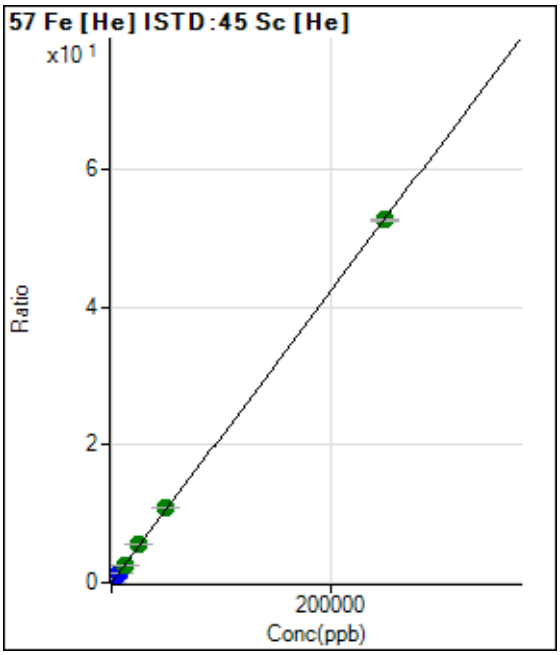


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22947.53	0.0339	P	0.4
2	☐	50.000	56.355	344664.44	0.5078	P	0.5
3	☐	2500.000	2750.192	15485811.58	23.1588	A	1.6
4	☐	6250.000	6512.332	34793724.76	54.7926	A	0.1
5	☐	12500.000	12128.469	61170031.86	102.0157	A	1.3
6	☐	25000.000	26250.797	125987065.90	220.7627	A	0.5
7	☐	50000.000	51610.148	242013458.61	433.9959	A	0.4
8	☐	250000.00	249562.40	1249117341.3	2,098.470	A	0.2

y = 0.0084 * x + 0.0339
R = 1.0000
DL = 0.05402
BEC = 4.031

Weight: <None>
Min Conc: 0

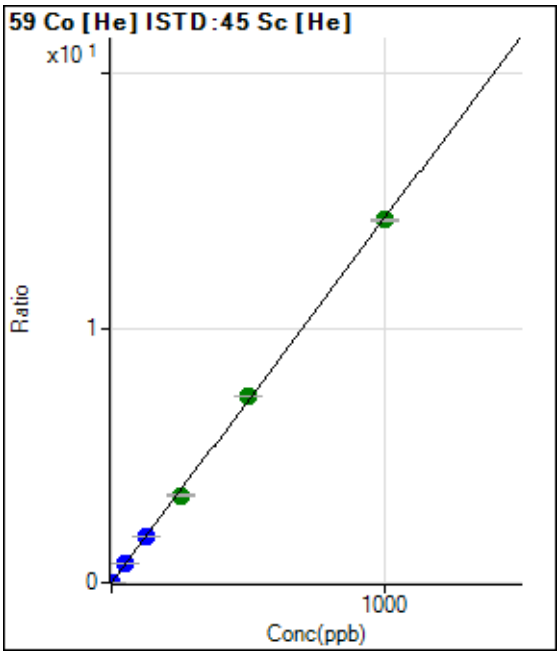
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1384.52	0.0020	P	3.3
2	☐	50.000	56.544	9497.52	0.0140	P	1.1
3	☐	2500.000	2761.423	391489.92	0.5854	P	0.9
4	☐	6250.000	6602.678	887074.39	1.3970	P	0.3
5	☐	12500.000	12074.045	1530898.50	2.5529	A	0.3
6	☐	25000.000	26043.107	3141082.97	5.5041	A	0.3
7	☐	50000.000	51425.364	6059608.17	10.8664	A	0.2
8	☐	250000.00	249620.48	31392560.92	52.7382	A	0.2

y = 2.1127E-004 * x + 0.0020
R = 1.0000
DL = 0.9635
BEC = 9.68

Weight: <None>
Min Conc: 0

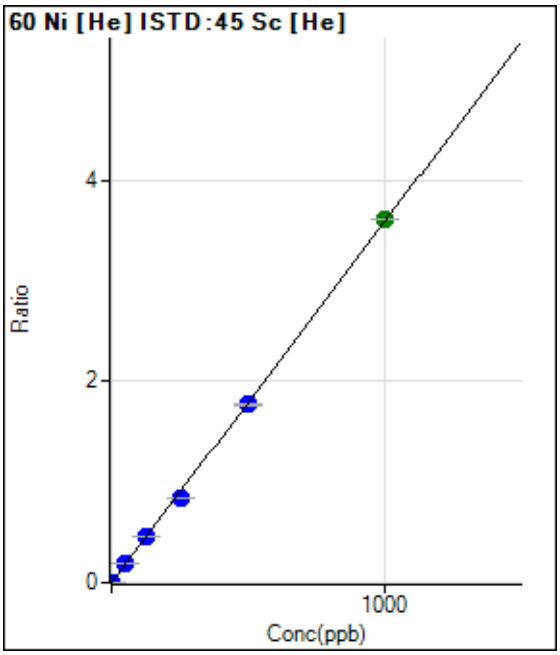


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.11	0.0002	P	1.1
2	☐	1.000	1.127	11096.39	0.0163	P	1.2
3	☐	50.000	52.889	506107.12	0.7568	P	0.8
4	☐	125.000	126.002	1144761.78	1.8028	P	0.3
5	☐	250.000	240.014	2059110.66	3.4338	A	1.1
6	☐	500.000	512.781	4186477.61	7.3359	A	0.5
7	☐	1000.000	995.836	7944325.99	14.2464	A	0.5
8	☐			22501.40	0.0378	P	0.6

y = 0.0143 * x + 2.2320E-004
R = 0.9998
DL = 0.000533
BEC = 0.0156

Weight: <None>
Min Conc: 0

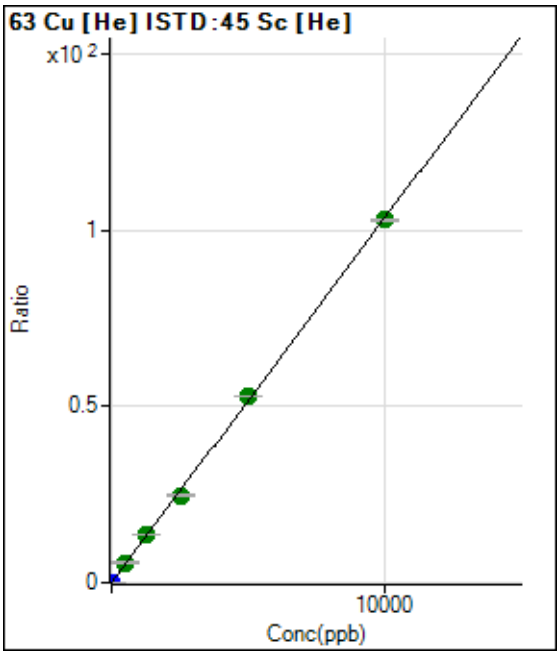
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	493.35	0.0007	P	11.
2	☐	1.000	1.142	3271.50	0.0048	P	6.0
3	☐	50.000	54.247	130430.12	0.1951	P	1.8
4	☐	125.000	128.204	292103.78	0.4600	P	0.1
5	☐	250.000	233.874	502799.96	0.8386	P	1.4
6	☐	500.000	494.531	1011431.80	1.7723	P	0.6
7	☐	1000.000	1006.153	2010399.41	3.6051	A	0.1
8	☐			8325.71	0.0140	P	3.5

y = 0.0036 * x + 7.2867E-004
R = 0.9998
DL = 0.06725
BEC = 0.2034

Weight: <None>
Min Conc: 0

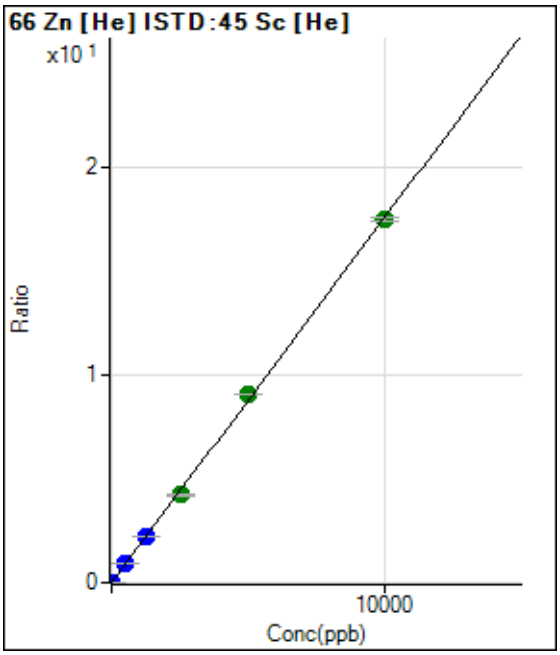


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1184.50	0.0017	P	2.1
2	☐	2.000	1.986	15123.28	0.0223	P	1.8
3	☐	500.000	553.144	3824004.60	5.7184	A	0.7
4	☐	1250.000	1321.174	8671581.88	13.6560	A	0.2
5	☐	2500.000	2401.277	14882459.50	24.8187	A	0.7
6	☐	5000.000	5111.027	30145872.05	52.8238	A	0.7
7	☐	10000.000	9957.613	57387919.15	102.9128	A	0.5
8	☐			10566.04	0.0178	P	3.9

y = 0.0103 * x + 0.0017
R = 0.9998
DL = 0.0106
BEC = 0.1693

Weight: <None>
Min Conc: 0

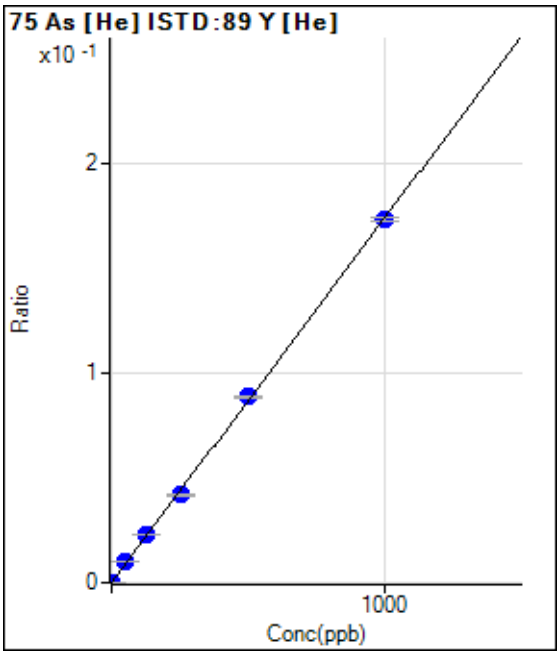
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	883.37	0.0013	P	8.2
2	☐	5.000	5.041	6888.30	0.0101	P	1.8
3	☐	500.000	527.930	620111.15	0.9273	P	1.1
4	☐	1250.000	1267.703	1412853.88	2.2250	P	0.4
5	☐	2500.000	2409.198	2534699.67	4.2273	A	1.7
6	☐	5000.000	5155.679	5161704.58	9.0448	A	0.6
7	☐	10000.000	9941.252	9724474.79	17.4392	A	1.2
8	☐			10440.40	0.0175	P	1.6

y = 0.0018 * x + 0.0013
R = 0.9998
DL = 0.1833
BEC = 0.7439

Weight: <None>
Min Conc: 0

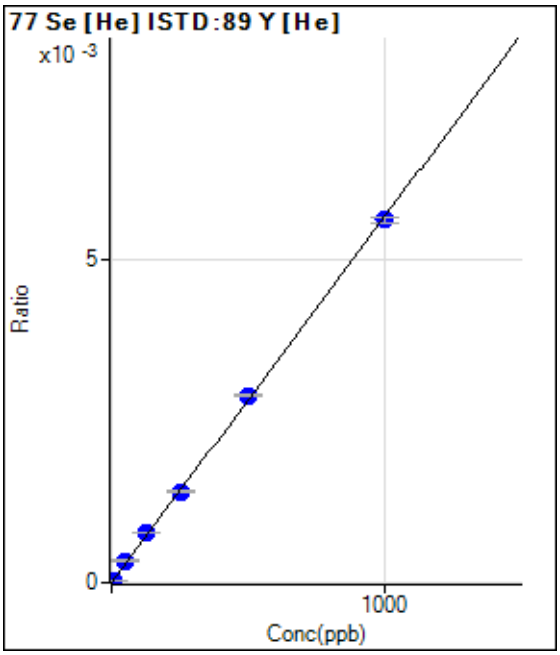


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	45.
2	☐	1.000	1.205	943.37	0.0002	P	6.4
3	☐	50.000	56.110	42957.51	0.0098	P	0.4
4	☐	125.000	132.687	97878.62	0.0231	P	0.9
5	☐	250.000	240.703	170104.42	0.0419	P	0.9
6	☐	500.000	510.345	348114.43	0.0888	P	0.6
7	☐	1000.000	995.885	664626.59	0.1732	P	1.0
8	☐			396.67	0.0001	P	8.3

y = 1.7392E-004 * x + 2.5126E-006
R = 0.9998
DL = 0.01989
BEC = 0.01445

Weight: <None>
Min Conc: 0

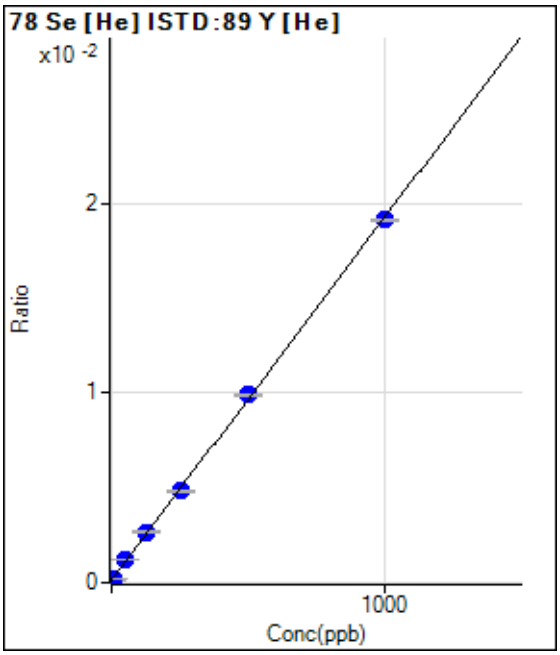
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.201	131.11	0.0000	P	5.1
3	☐	50.000	59.430	1480.09	0.0003	P	10.
4	☐	125.000	136.647	3281.50	0.0008	P	2.9
5	☐	250.000	249.432	5738.93	0.0014	P	2.6
6	☐	500.000	512.597	11381.11	0.0029	P	1.6
7	☐	1000.000	991.915	21547.97	0.0056	P	1.7
8	☐			8.89	0.0000	P	94.

y = 5.6616E-006 * x + 0.0000E+000
R = 0.9998
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

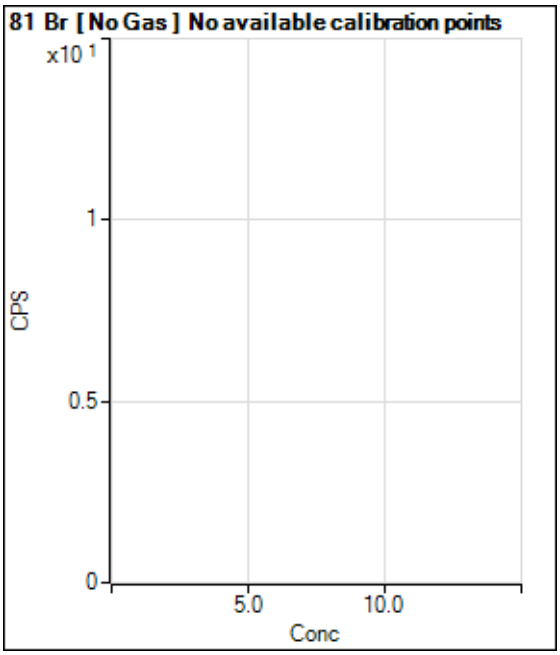


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	565.57	0.0001	P	6.3
2	☐	5.000	5.916	1072.27	0.0002	P	1.5
3	☐	50.000	56.315	5299.89	0.0012	P	1.3
4	☐	125.000	133.369	11352.20	0.0027	P	2.0
5	☐	250.000	246.299	19647.55	0.0048	P	1.7
6	☐	500.000	511.241	38822.95	0.0099	P	1.6
7	☐	1000.000	993.938	73393.84	0.0191	P	0.8
8	☐			503.35	0.0001	P	10.

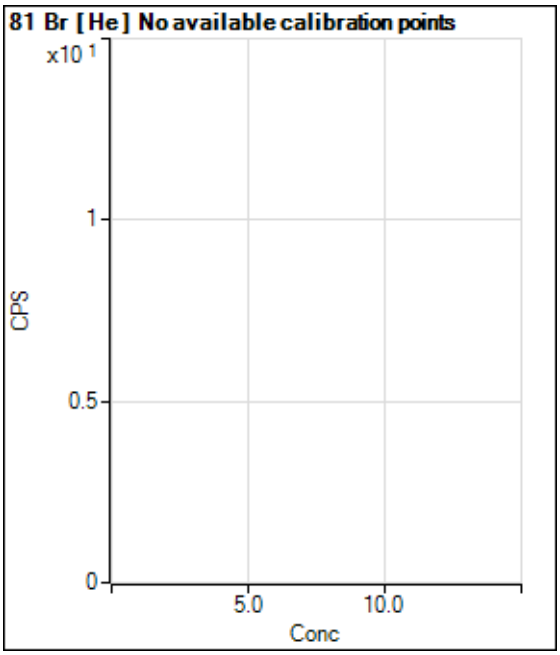
y = 1.9114E-005 * x + 1.2783E-004
R = 0.9999
DL = 1.265
BEC = 6.688

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

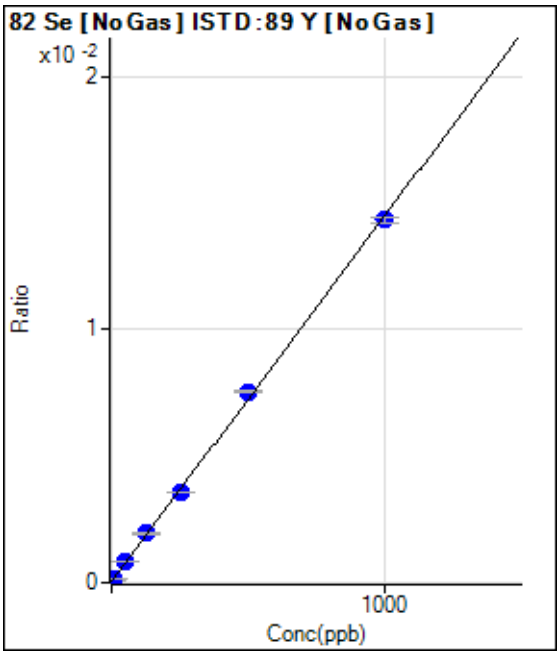


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			17540.54		P	0.5
2	☐			18027.80		P	1.6
3	☐			17620.64		P	1.4
4	☐			16790.76		P	0.9
5	☐			15899.76		P	1.5
6	☐			15002.15		P	1.9
7	☐			14292.57		P	3.7
8	☐			14818.64		P	2.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			177.78		P	5.7
2	☐			172.22		P	7.8
3	☐			113.34		P	7.8
4	☐			97.78		P	30.
5	☐			90.00		P	7.4
6	☐			92.22		P	10.
7	☐			105.55		P	12.
8	☐			168.89		P	10.

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	585.99	0.0000	P	2.5
2	☐	5.000	5.347	1770.77	0.0001	P	3.1
3	☐	50.000	56.396	13283.64	0.0009	P	3.0
4	☐	125.000	131.800	29579.93	0.0019	P	1.1
5	☐	250.000	243.850	52339.71	0.0036	P	0.8
6	☐	500.000	520.682	106394.40	0.0076	P	1.0
7	☐	1000.000	990.025	199249.59	0.0143	P	1.8
8	☐			625.99	0.0000	P	5.3

y = 1.4427E-005 * x + 3.8691E-005

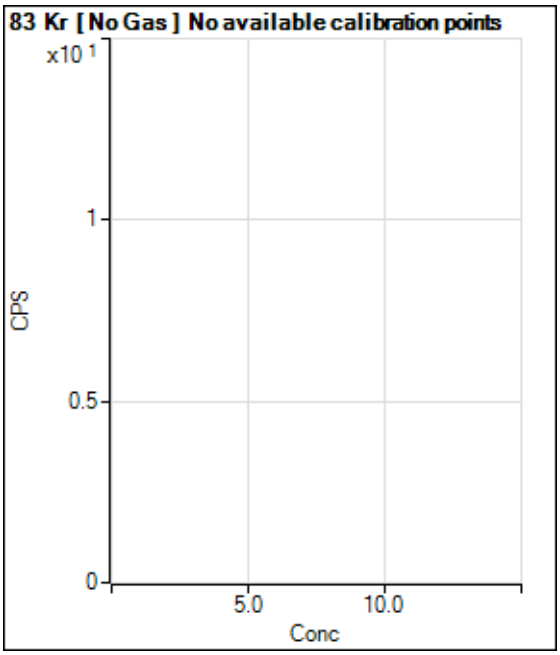
R = 0.9996

DL = 0.203

BEC = 2.682

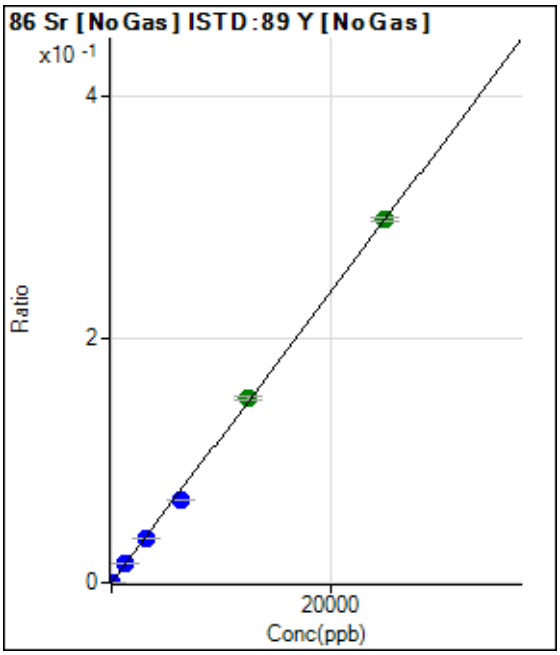
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			236.67		P	11.
2	☐			246.67		P	13.
3	☐			201.11		P	7.7
4	☐			221.11		P	6.3
5	☐			234.45		P	11.
6	☐			211.11		P	14.
7	☐			218.89		P	7.2
8	☐			218.89		P	9.3

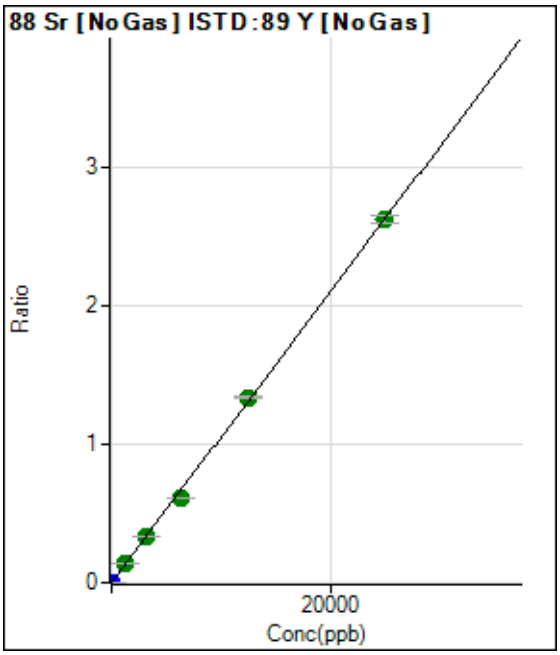
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	444.46	0.0000	P	1.0
2	☐	1.000	26.522	5270.98	0.0003	P	2.2
3	☐	1250.000	1296.543	240858.77	0.0155	P	0.9
4	☐	3125.000	3071.644	557459.16	0.0366	P	1.2
5	☐	6250.000	5684.926	995489.20	0.0677	P	0.9
6	☐	12500.000	12728.746	2133740.80	0.1514	A	1.6
7	☐	25000.000	25031.237	4142944.00	0.2978	A	1.2
8	☐			12478.71	0.0009	P	3.5

y = 1.1895E-005 * x + 2.9346E-005
R = 0.9996
DL = 0.07504
BEC = 2.467

Weight: <None>
Min Conc: 0

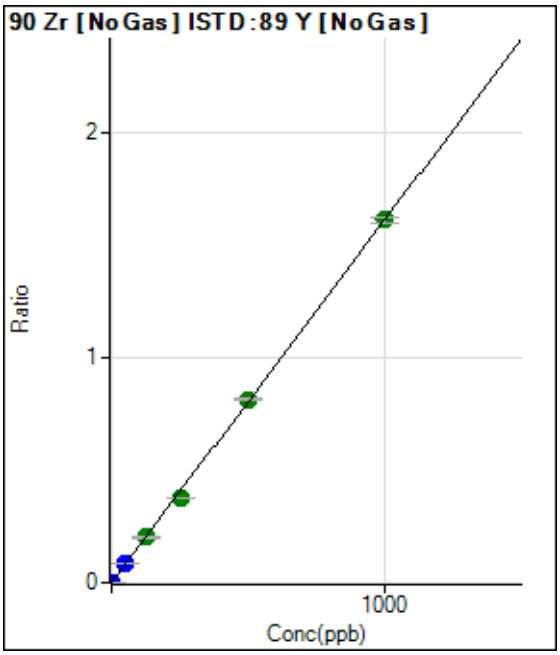


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	354.45	0.0000	P	7.0
2	☐	1.000	26.115	42136.85	0.0028	P	1.8
3	☐	1250.000	1328.250	2167336.43	0.1390	A	0.5
4	☐	3125.000	3159.854	5041877.15	0.3307	A	1.4
5	☐	6250.000	5841.206	8996169.45	0.6114	A	0.7
6	☐	12500.000	12725.706	18767416.94	1.3319	A	0.9
7	☐	25000.000	24981.075	36372392.52	2.6146	A	2.2
8	☐			104485.22	0.0078	P	1.5

y = 1.0466E-004 * x + 2.3395E-005
R = 0.9998
DL = 0.04717
BEC = 0.2235

Weight: <None>
Min Conc: 0

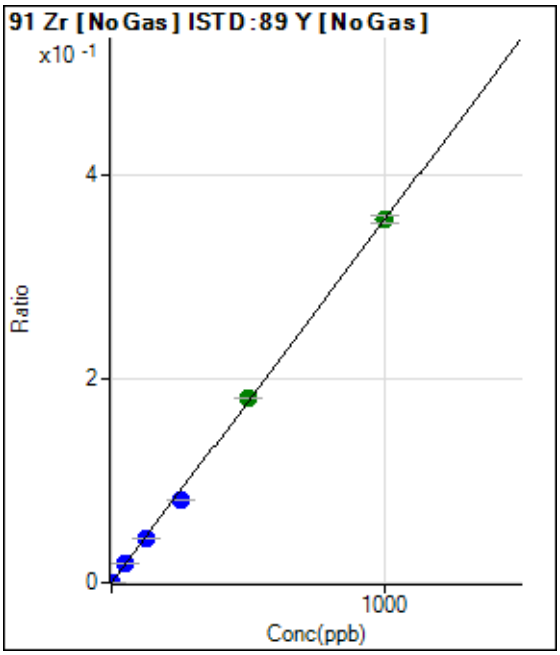
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	691.14	0.0000	P	2.0
2	☐	1.000	1.045	26427.16	0.0017	P	2.3
3	☐	50.000	51.228	1287371.49	0.0826	P	1.1
4	☐	125.000	125.275	3078105.40	0.2019	A	1.1
5	☐	250.000	233.197	5529998.87	0.3758	A	0.6
6	☐	500.000	506.100	11491911.50	0.8156	A	0.7
7	☐	1000.000	1001.055	22442299.67	1.6131	A	1.3
8	☐			13689.80	0.0010	P	1.2

y = 0.0016 * x + 4.5634E-005
R = 0.9998
DL = 0.001727
BEC = 0.02832

Weight: <None>
Min Conc: 0

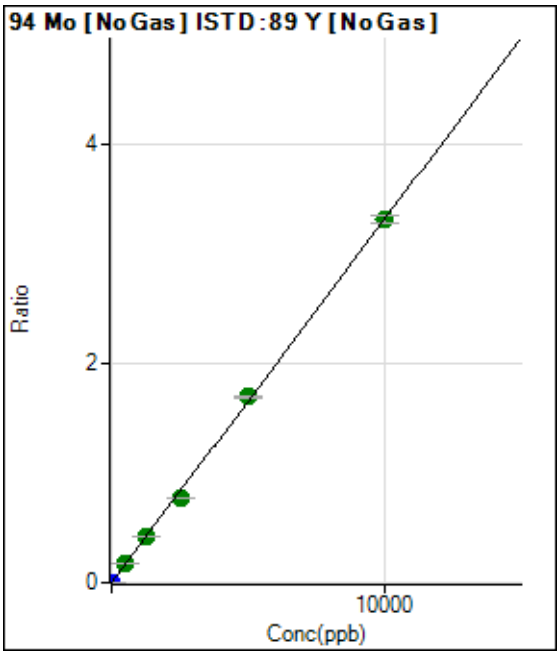


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0000	P	13.
2	☐	1.000	1.054	5911.24	0.0004	P	1.9
3	☐	50.000	52.025	289241.47	0.0186	P	0.7
4	☐	125.000	123.424	670890.55	0.0440	P	1.1
5	☐	250.000	229.123	1201981.38	0.0817	P	0.6
6	☐	500.000	510.058	2562210.20	0.1818	A	0.5
7	☐	1000.000	1000.286	4960517.67	0.3566	A	2.0
8	☐			3040.35	0.0002	P	1.6

y = 3.5646E-004 * x + 1.1008E-005
R = 0.9997
DL = 0.01246
BEC = 0.03088

Weight: <None>
Min Conc: 0

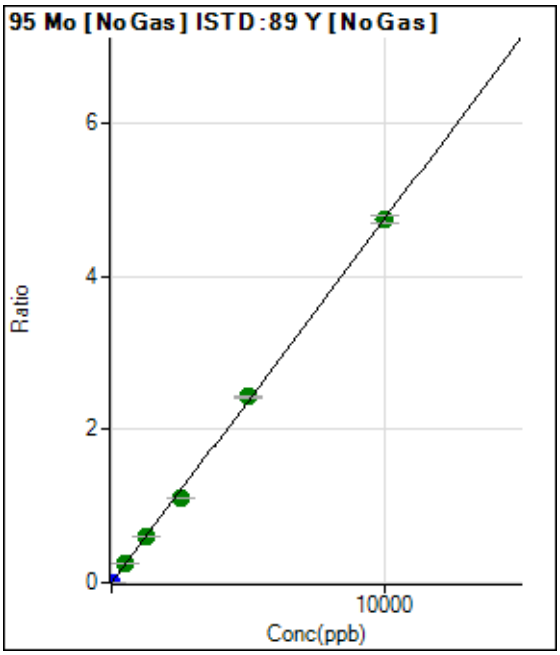
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.23	0.0000	P	3.4
2	☐	5.000	6.196	31678.67	0.0021	P	1.9
3	☐	500.000	527.502	2724067.46	0.1748	A	1.5
4	☐	1250.000	1258.771	6357474.21	0.4170	A	1.3
5	☐	2500.000	2323.999	11329454.28	0.7699	A	1.0
6	☐	5000.000	5108.780	23848166.31	1.6924	A	0.6
7	☐	10000.000	9987.138	46026699.31	3.3085	A	2.0
8	☐			11475.71	0.0009	P	3.6

y = 3.3127E-004 * x + 1.9959E-005
R = 0.9997
DL = 0.006058
BEC = 0.06025

Weight: <None>
Min Conc: 0

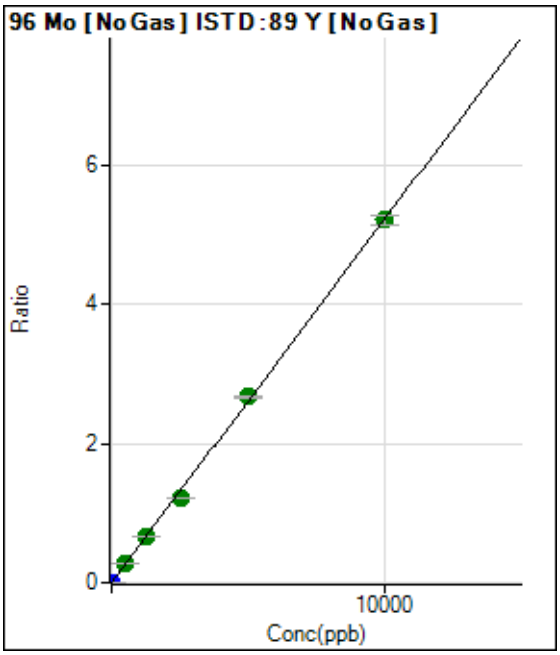


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	196.67	0.0000	P	7.6
2	☐	5.000	5.188	37863.30	0.0025	P	1.2
3	☐	500.000	530.730	3929393.21	0.2521	A	0.6
4	☐	1250.000	1272.141	9210731.95	0.6042	A	1.0
5	☐	2500.000	2327.304	16264113.51	1.1053	A	0.9
6	☐	5000.000	5116.442	34238478.66	2.4299	A	0.9
7	☐	10000.000	9980.649	65939699.02	4.7399	A	2.1
8	☐			10397.10	0.0008	P	6.7

y = 4.7491E-004 * x + 1.2988E-005
R = 0.9997
DL = 0.006261
BEC = 0.02735

Weight: <None>
Min Conc: 0

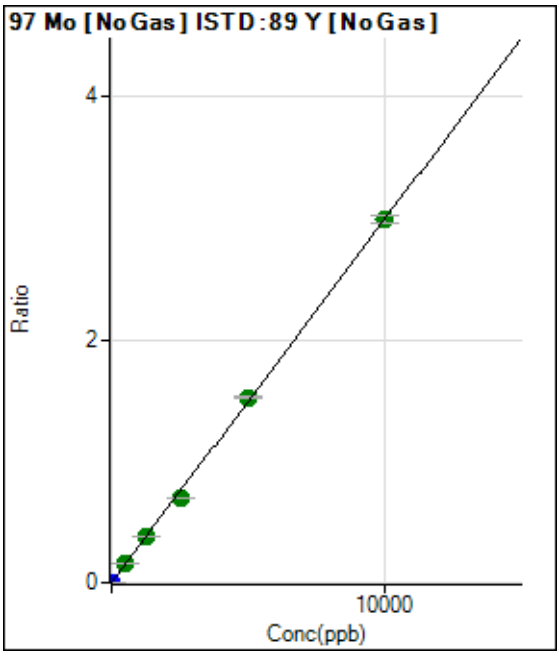
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	306.67	0.0000	P	15.
2	☐	5.000	5.286	42465.91	0.0028	P	0.8
3	☐	500.000	533.392	4338331.60	0.2783	A	0.4
4	☐	1250.000	1261.106	10031107.28	0.6580	A	0.8
5	☐	2500.000	2325.373	17852814.87	1.2132	A	0.5
6	☐	5000.000	5112.404	37584251.39	2.6673	A	0.9
7	☐	10000.000	9984.397	72464842.26	5.2091	A	2.4
8	☐			22705.49	0.0017	P	2.5

y = 5.2172E-004 * x + 2.0233E-005
R = 0.9997
DL = 0.01762
BEC = 0.03878

Weight: <None>
Min Conc: 0

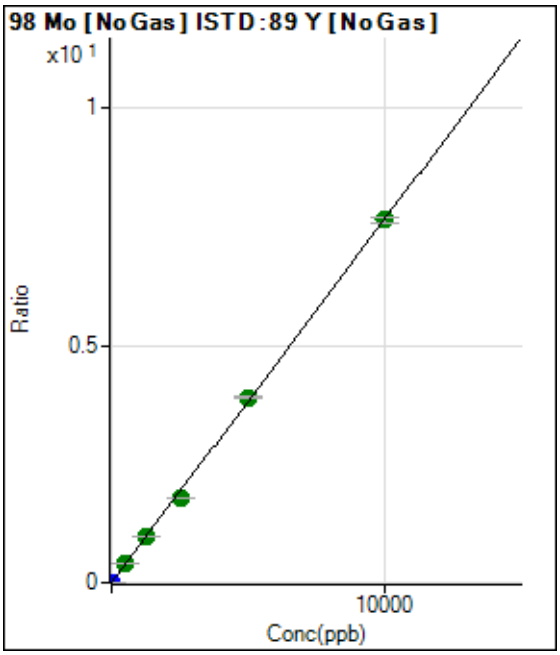


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.00	0.0000	P	11.
2	☐	5.000	5.176	23779.41	0.0016	P	1.8
3	☐	500.000	530.532	2472544.37	0.1586	A	1.2
4	☐	1250.000	1261.479	5748948.46	0.3771	A	1.1
5	☐	2500.000	2313.043	10174969.36	0.6914	A	0.7
6	☐	5000.000	5098.653	21474888.01	1.5241	A	1.0
7	☐	10000.000	9994.451	41560911.33	2.9875	A	2.1
8	☐			6299.18	0.0005	P	6.1

y = 2.9891E-004 * x + 8.5844E-006
R = 0.9997
DL = 0.01019
BEC = 0.02872

Weight: <None>
Min Conc: 0

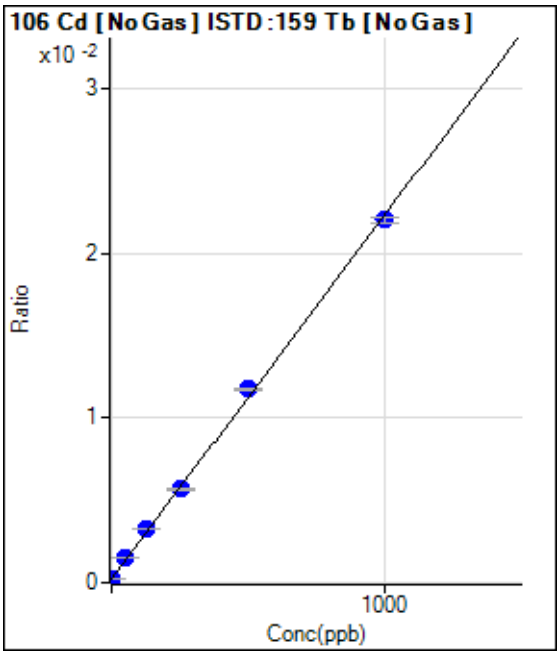
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.89	0.0000	P	13.
2	☐	5.000	5.221	61406.04	0.0040	P	0.6
3	☐	500.000	531.483	6344756.50	0.4070	A	0.3
4	☐	1250.000	1263.990	14755655.61	0.9680	A	2.1
5	☐	2500.000	2333.411	26294909.33	1.7869	A	0.7
6	☐	5000.000	5095.998	54987593.07	3.9024	A	1.0
7	☐	10000.000	9990.325	106432112.86	7.6504	A	1.9
8	☐			15580.65	0.0012	P	7.9

y = 7.6578E-004 * x + 1.9073E-005
R = 0.9998
DL = 0.0102
BEC = 0.02491

Weight: <None>
Min Conc: 0

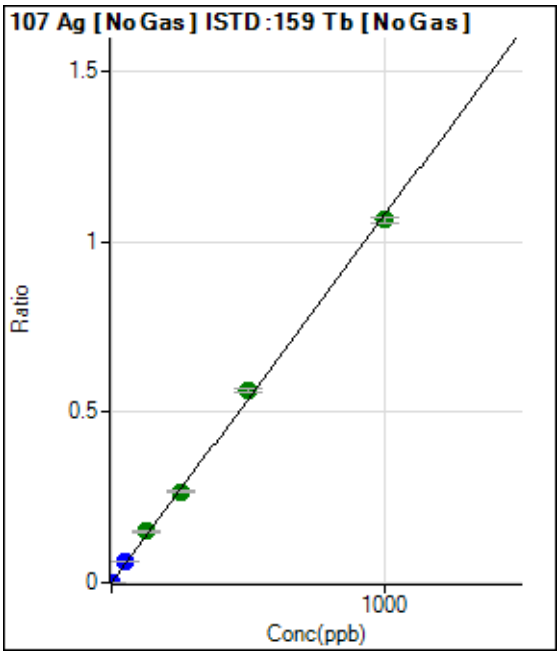


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3472.67	0.0002	P	5.5
2	☐	1.000	1.575	4077.28	0.0003	P	2.3
3	☐	50.000	59.284	25051.68	0.0015	P	1.2
4	☐	125.000	138.448	53119.88	0.0033	P	0.2
5	☐	250.000	247.096	90957.87	0.0057	P	0.6
6	☐	500.000	521.960	185302.42	0.0118	P	0.7
7	☐	1000.000	987.600	346837.91	0.0220	P	1.8
8	☐			3633.82	0.0002	P	1.5

y = 2.2094E-005 * x + 2.1902E-004
R = 0.9996
DL = 1.629
BEC = 9.913

Weight: <None>
Min Conc: 0

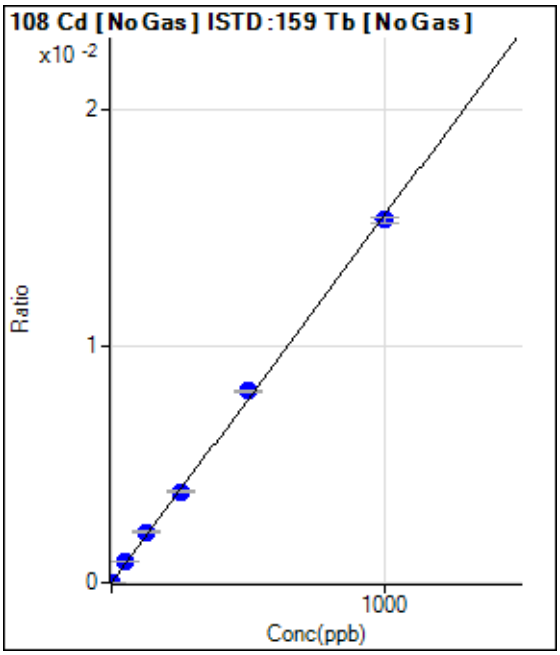
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	9.3
2	☐	1.000	1.104	19252.85	0.0012	P	1.4
3	☐	50.000	56.824	1005511.03	0.0614	P	1.7
4	☐	125.000	138.791	2429152.93	0.1499	A	2.2
5	☐	250.000	247.648	4284291.50	0.2675	A	1.5
6	☐	500.000	523.269	8911152.85	0.5651	A	1.3
7	☐	1000.000	986.888	16773530.31	1.0659	A	1.9
8	☐			3223.73	0.0002	P	10.

y = 0.0011 * x + 6.3108E-006
R = 0.9995
DL = 0.00163
BEC = 0.005843

Weight: <None>
Min Conc: 0

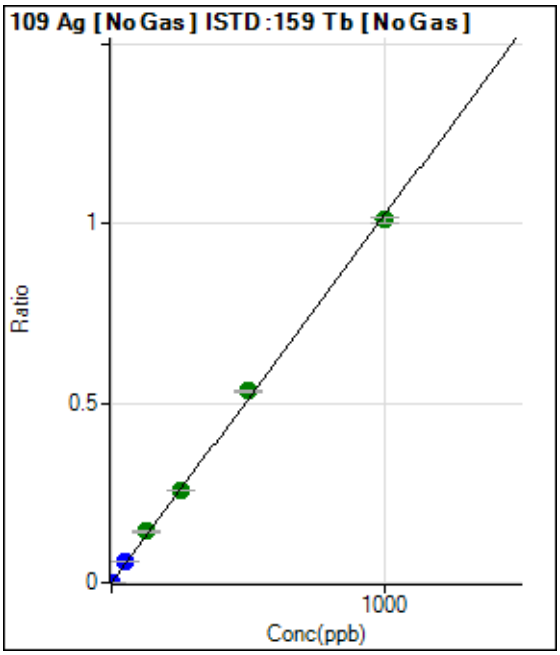


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	64.
2	☐	1.000	1.109	284.45	0.0000	P	15.
3	☐	50.000	59.039	15016.75	0.0009	P	1.8
4	☐	125.000	138.588	34856.25	0.0022	P	1.6
5	☐	250.000	248.275	61715.98	0.0039	P	0.9
6	☐	500.000	521.169	127520.16	0.0081	P	1.4
7	☐	1000.000	987.696	241204.02	0.0153	P	1.6
8	☐			95.56	0.0000	P	12.

y = 1.5517E-005 * x + 4.8842E-007
R = 0.9996
DL = 0.06118
BEC = 0.03148

Weight: <None>
Min Conc: 0

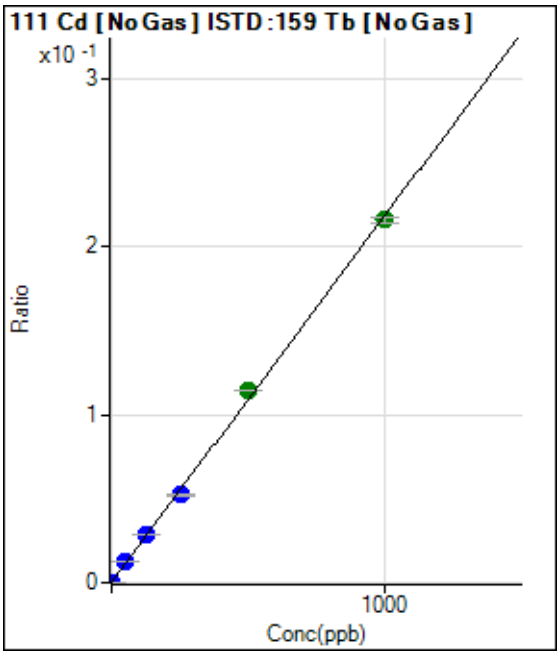
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0000	P	29.
2	☐	1.000	1.107	18237.13	0.0011	P	0.6
3	☐	50.000	57.209	958576.97	0.0585	P	1.6
4	☐	125.000	139.179	2306722.86	0.1423	A	1.4
5	☐	250.000	249.970	4095063.27	0.2557	A	0.5
6	☐	500.000	521.664	8413100.01	0.5335	A	0.4
7	☐	1000.000	987.043	15886750.74	1.0095	A	1.8
8	☐			2902.55	0.0002	P	13.

y = 0.0010 * x + 2.7406E-006
R = 0.9996
DL = 0.002345
BEC = 0.00268

Weight: <None>
Min Conc: 0

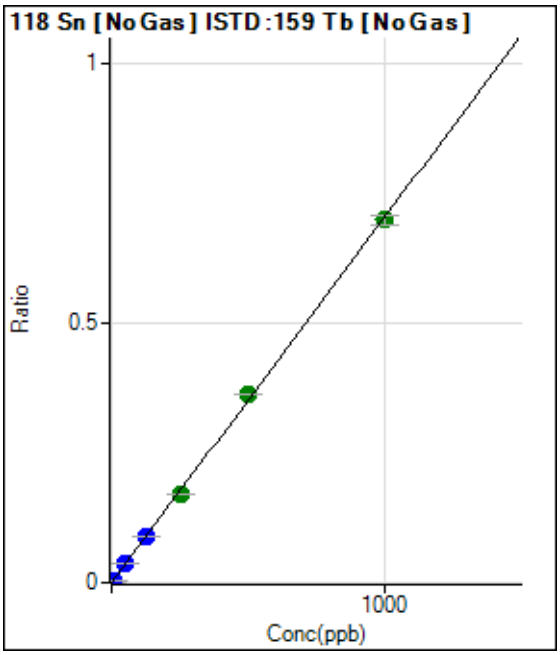


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2436.54	0.0002	P	5.3
2	☐	1.000	1.266	6905.65	0.0004	P	1.7
3	☐	50.000	56.553	204765.13	0.0125	P	1.8
4	☐	125.000	132.284	470442.49	0.0290	P	0.8
5	☐	250.000	238.324	835787.84	0.0522	P	0.2
6	☐	500.000	523.807	1805537.20	0.1145	A	0.3
7	☐	1000.000	989.777	3402768.19	0.2162	A	1.6
8	☐			3033.46	0.0002	P	1.8

y = 2.1830E-004 * x + 1.5367E-004
R = 0.9995
DL = 0.1117
BEC = 0.704

Weight: <None>
Min Conc: 0

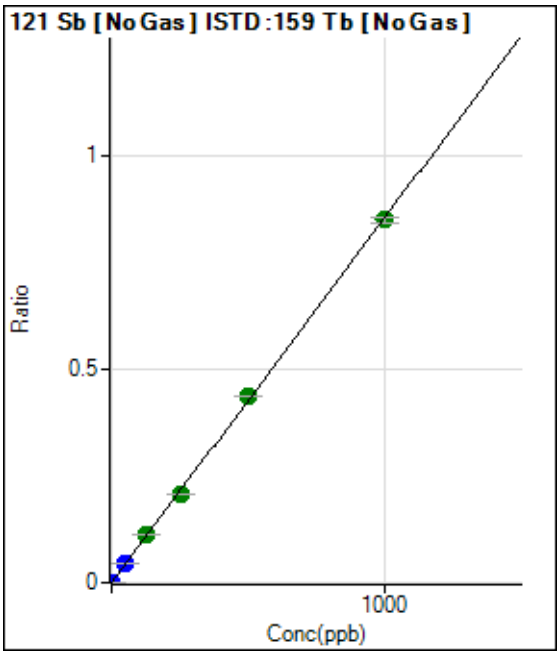
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1574.54	0.0001	P	5.1
2	☐	5.000	5.584	64768.03	0.0040	P	0.3
3	☐	50.000	54.282	627970.17	0.0383	P	1.5
4	☐	125.000	127.637	1458408.00	0.0900	P	1.2
5	☐	250.000	242.118	2733144.57	0.1706	A	0.5
6	☐	500.000	515.935	5731673.94	0.3635	A	1.0
7	☐	1000.000	993.456	11012879.97	0.6998	A	2.3
8	☐			4501.86	0.0003	P	2.0

y = 7.0434E-004 * x + 9.9370E-005
R = 0.9998
DL = 0.02172
BEC = 0.1411

Weight: <None>
Min Conc: 0

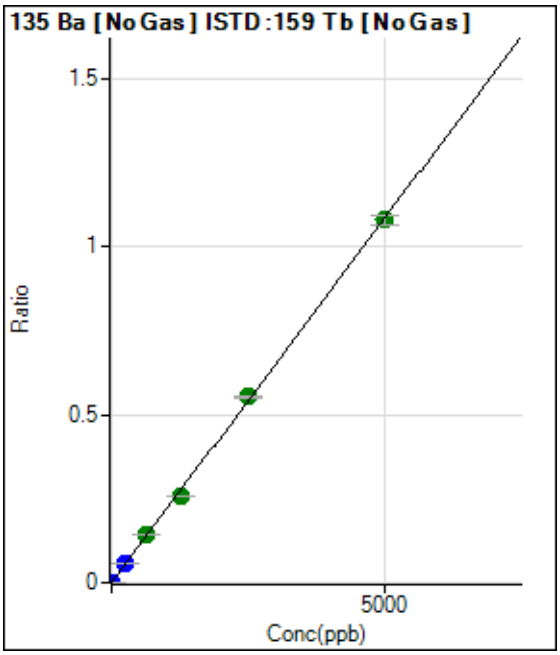


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	44.
2	☐	2.000	2.195	30195.01	0.0019	P	1.4
3	☐	50.000	53.612	750928.79	0.0458	P	1.6
4	☐	125.000	132.756	1839324.16	0.1135	A	0.8
5	☐	250.000	243.285	3331512.03	0.2080	A	0.8
6	☐	500.000	511.240	6892047.74	0.4371	A	0.7
7	☐	1000.000	994.908	13386233.83	0.8506	A	1.5
8	☐			6440.39	0.0004	P	3.1

y = 8.5493E-004 * x + 3.7008E-006
R = 0.9998
DL = 0.005833
BEC = 0.004329

Weight: <None>
Min Conc: 0

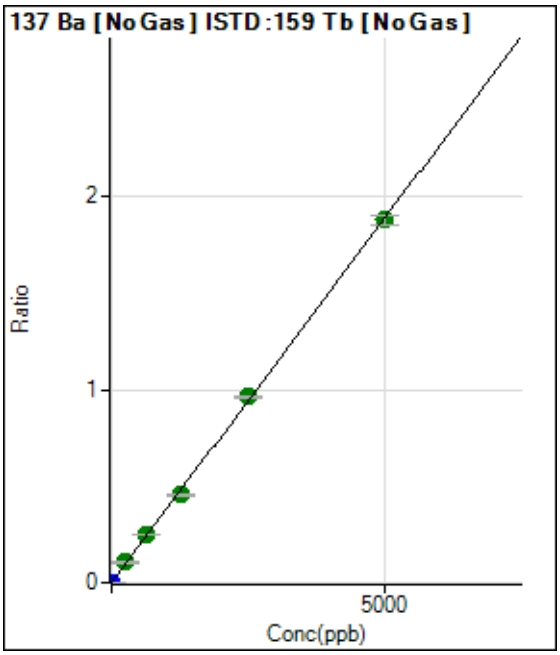
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0000	P	16.
2	☐	10.000	10.712	37393.52	0.0023	P	0.7
3	☐	250.000	266.982	949092.02	0.0579	P	1.8
4	☐	625.000	658.492	2315604.44	0.1429	A	2.0
5	☐	1250.000	1196.140	4157459.94	0.2596	A	0.5
6	☐	2500.000	2555.419	8743018.62	0.5545	A	1.4
7	☐	5000.000	4980.719	17007110.02	1.0808	A	2.3
8	☐			7064.03	0.0005	P	0.7

y = 2.1699E-004 * x + 3.6399E-006
R = 0.9998
DL = 0.008287
BEC = 0.01677

Weight: <None>
Min Conc: 0

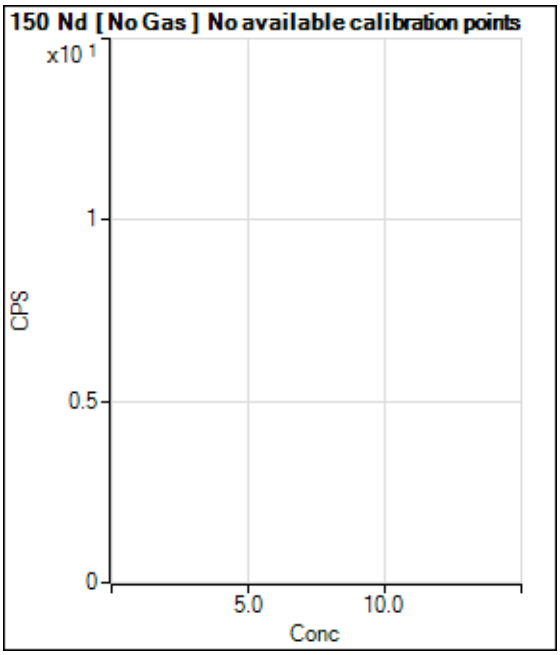


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.67	0.0000	P	13.
2	☐	10.000	10.654	64668.23	0.0040	P	0.7
3	☐	250.000	278.364	1720764.14	0.1050	A	1.5
4	☐	625.000	658.585	4027035.50	0.2485	A	1.8
5	☐	1250.000	1202.517	7267876.21	0.4537	A	0.7
6	☐	2500.000	2550.776	15176752.14	0.9625	A	0.7
7	☐	5000.000	4980.865	29574605.67	1.8794	A	2.3
8	☐			12664.60	0.0008	P	3.5

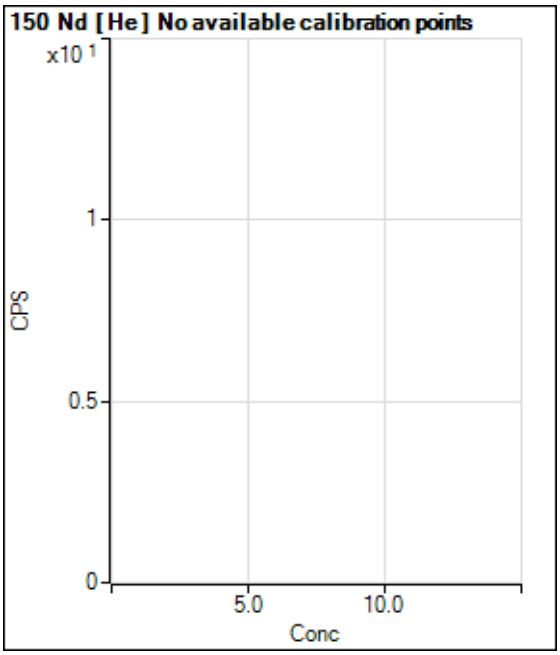
y = 3.7732E-004 * x + 6.0988E-006
R = 0.9998
DL = 0.006666
BEC = 0.01616

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

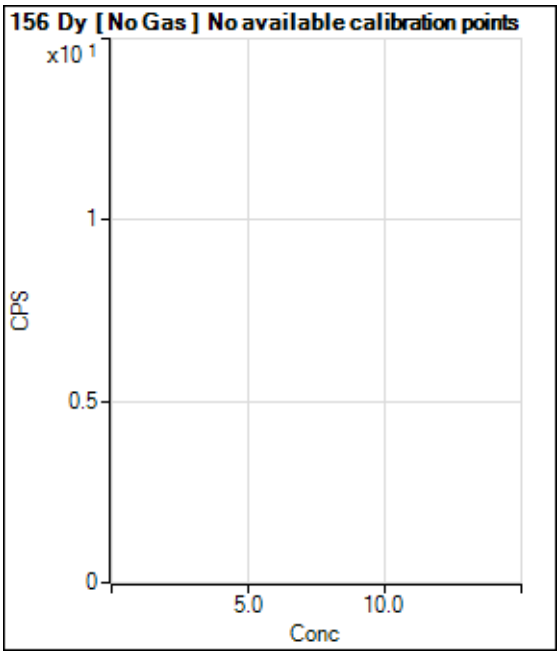


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	57.
2	☐			5.56		P	91.
3	☐			62.22		P	22.
4	☐			128.89		P	14.
5	☐			203.34		P	4.9
6	☐			474.46		P	19.
7	☐			913.38		P	4.1
8	☐			276.67		P	7.9

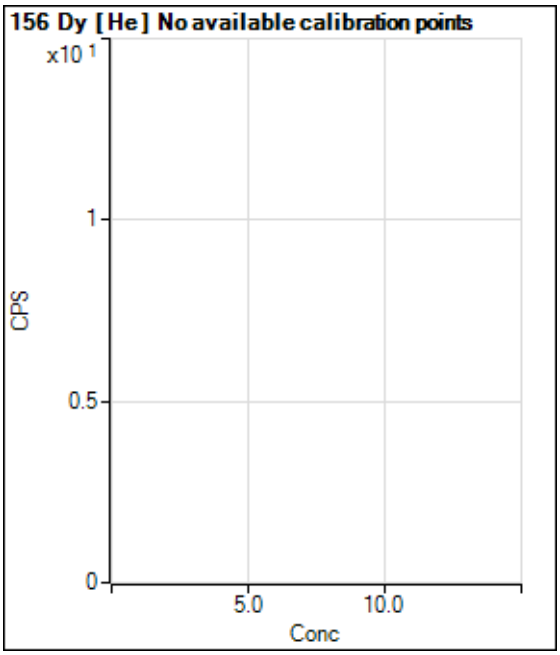


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.56		P	34.
2	☐			2.22		P	86.
3	☐			17.78		P	57.
4	☐			26.67		P	12.
5	☐			52.22		P	9.7
6	☐			120.00		P	21.
7	☐			184.45		P	13.
8	☐			198.89		P	9.2

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

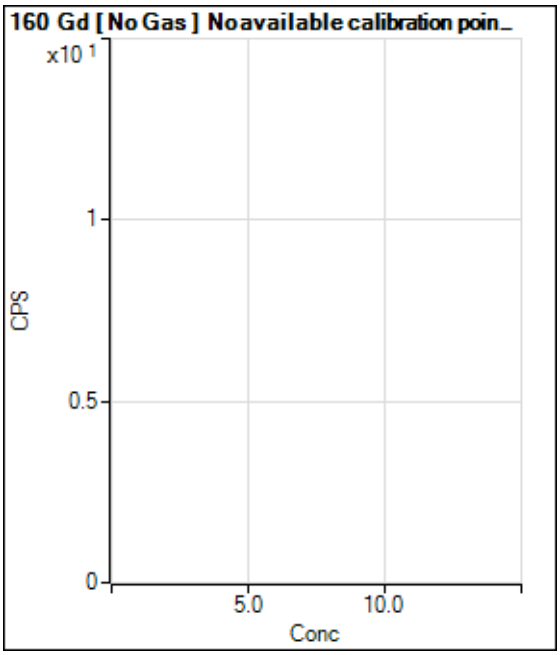


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	66.
2	☐			18.89		P	27.
3	☐			32.22		P	6.0
4	☐			63.33		P	36.
5	☐			68.89		P	11.
6	☐			140.00		P	2.4
7	☐			248.89		P	4.3
8	☐			463.35		P	4.4

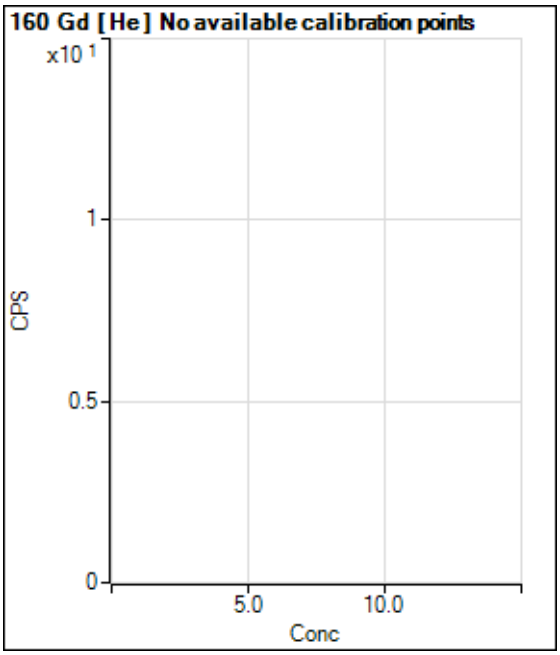


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.55		P	69.
2	☐			7.78		P	24.
3	☐			55.56		P	13.
4	☐			135.56		P	6.2
5	☐			223.34		P	13.
6	☐			433.35		P	12.
7	☐			846.70		P	3.9
8	☐			361.12		P	11.

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

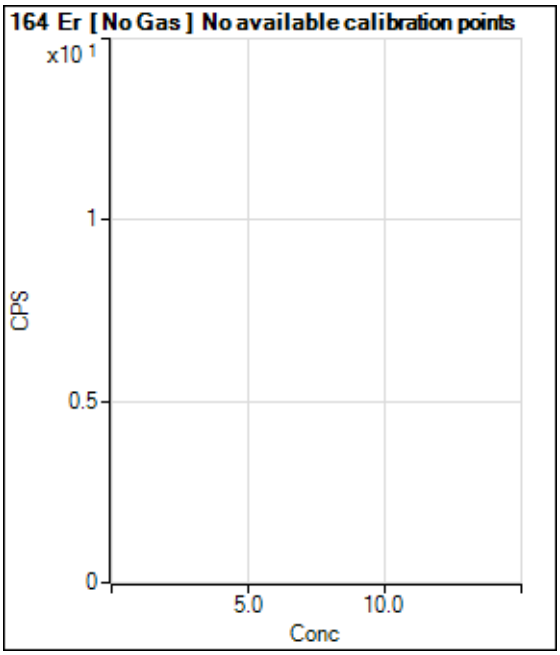


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			60.00		P	27.
2	☐			55.56		P	17.
3	☐			54.45		P	28.
4	☐			56.67		P	21.
5	☐			94.44		P	18.
6	☐			123.34		P	9.7
7	☐			187.78		P	7.2
8	☐			561.13		P	7.6

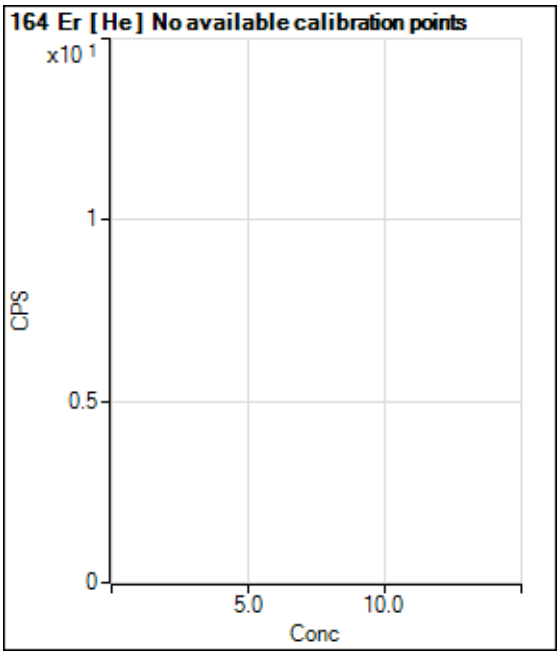


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			646.69		P	8.5
2	☐			637.80		P	8.1
3	☐			638.91		P	1.6
4	☐			636.69		P	4.3
5	☐			686.69		P	3.0
6	☐			663.35		P	5.6
7	☐			688.91		P	5.2
8	☐			938.93		P	8.0

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

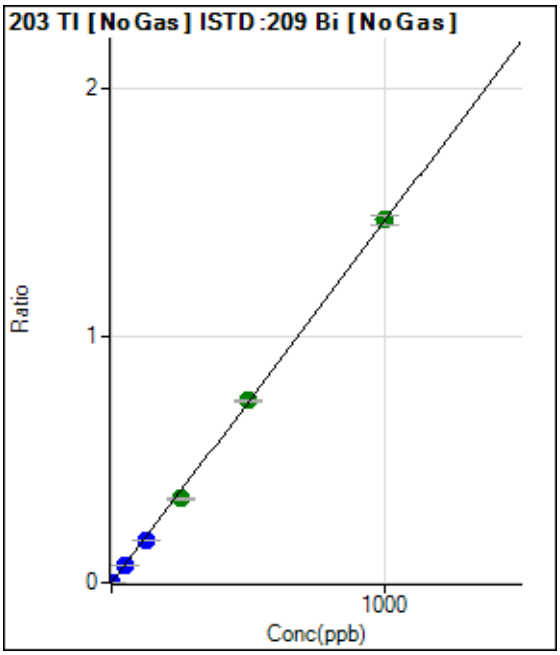


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			53.33		P	22.
2	☐			50.00		P	30.
3	☐			72.22		P	25.
4	☐			76.67		P	28.
5	☐			81.11		P	20.
6	☐			122.22		P	24.
7	☐			182.22		P	5.9
8	☐			535.57		P	9.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			56.67		P	17.
2	☐			50.00		P	17.
3	☐			46.67		P	14.
4	☐			54.44		P	27.
5	☐			67.78		P	18.
6	☐			101.11		P	8.3
7	☐			143.34		P	10.
8	☐			385.57		P	10.

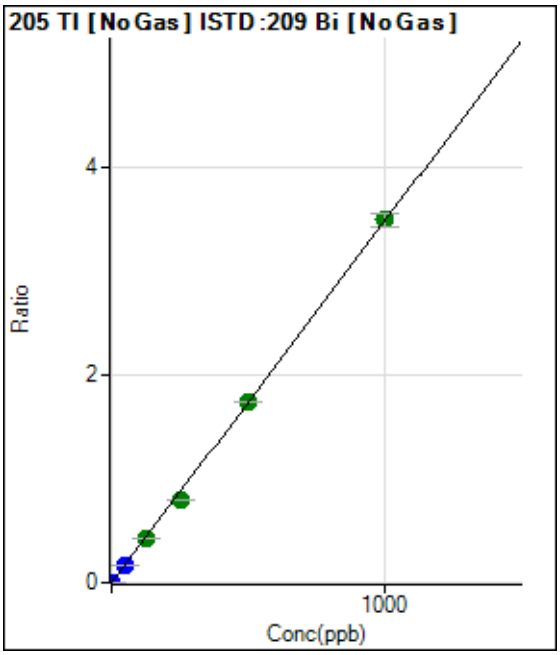
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On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0000	P	4.1
2	☐	1.000	0.986	13431.17	0.0015	P	2.0
3	☐	50.000	48.689	680995.16	0.0713	P	0.8
4	☐	125.000	116.000	1601784.92	0.1698	P	1.4
5	☐	250.000	231.583	3195983.39	0.3391	A	1.0
6	☐	500.000	503.082	6869597.82	0.7365	A	0.8
7	☐	1000.000	1004.254	13368414.39	1.4703	A	2.5
8	☐			1697.90	0.0002	P	19.

y = 0.0015 * x + 1.5143E-005
R = 0.9998
DL = 0.001264
BEC = 0.01034

Weight: <None>
Min Conc: 0

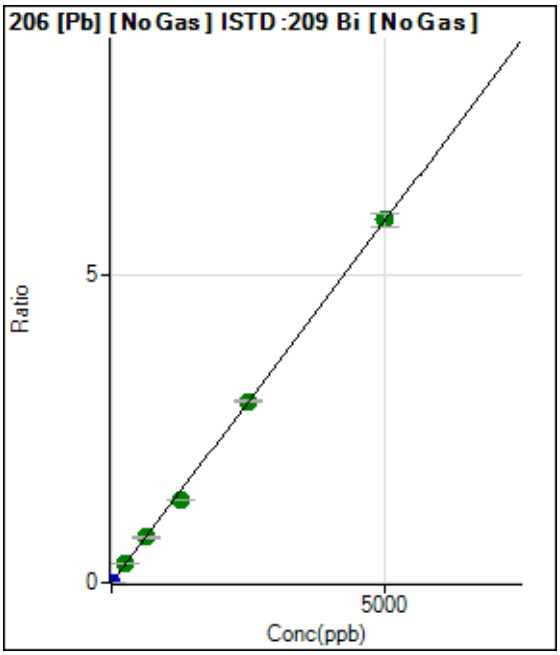


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	323.34	0.0000	P	12.
2	☐	1.000	0.979	31641.20	0.0034	P	1.2
3	☐	50.000	48.119	1595948.46	0.1671	P	1.2
4	☐	125.000	124.690	4083451.88	0.4329	A	0.2
5	☐	250.000	230.763	7552454.26	0.8012	A	0.7
6	☐	500.000	501.220	16231079.34	1.7402	A	0.2
7	☐	1000.000	1004.332	31698055.64	3.4869	A	3.7
8	☐			3817.25	0.0005	P	14.

y = 0.0035 * x + 3.5214E-005
R = 0.9998
DL = 0.003787
BEC = 0.01014

Weight: <None>
Min Conc: 0

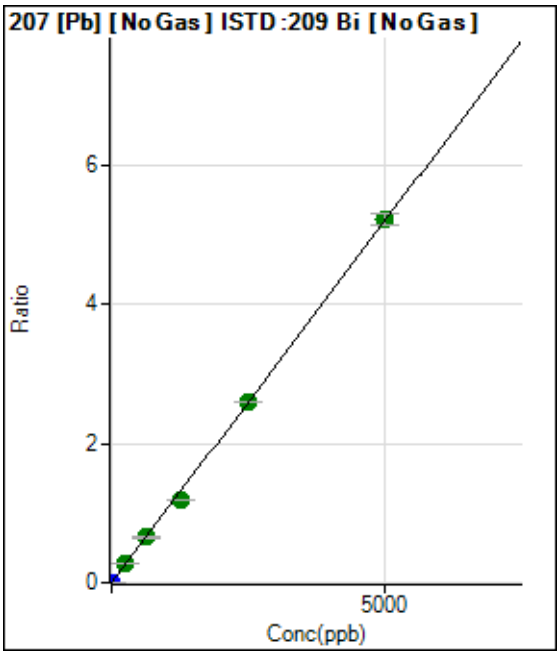
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	505.57	0.0001	P	7.7
2	☐	1.000	0.958	10868.87	0.0012	P	2.9
3	☐	250.000	260.857	2926437.59	0.3064	A	1.0
4	☐	625.000	625.095	6923846.91	0.7341	A	1.0
5	☐	1250.000	1153.723	12771701.48	1.3549	A	0.6
6	☐	2500.000	2510.454	27497255.70	2.9482	A	0.6
7	☐	5000.000	5018.288	53574643.65	5.8932	A	3.6
8	☐			12870.64	0.0016	P	3.3

y = 0.0012 * x + 5.5073E-005
R = 0.9998
DL = 0.01078
BEC = 0.0469

Weight: <None>
Min Conc: 0

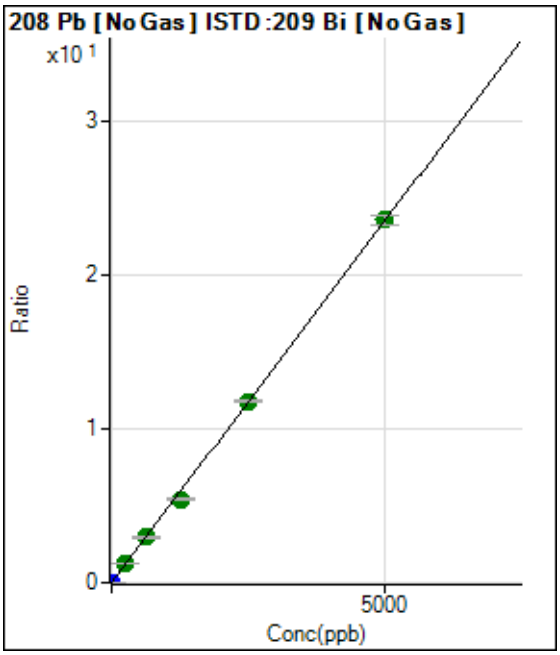


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	446.68	0.0000	P	15.
2	☐	1.000	0.971	9732.44	0.0011	P	3.3
3	☐	250.000	259.215	2569332.69	0.2690	A	1.0
4	☐	625.000	625.900	6125613.52	0.6494	A	0.6
5	☐	1250.000	1152.556	11273123.30	1.1959	A	0.6
6	☐	2500.000	2504.107	24232541.31	2.5981	A	0.7
7	☐	5000.000	5021.734	47368312.07	5.2102	A	3.2
8	☐			10673.17	0.0013	P	5.0

y = 0.0010 * x + 4.8640E-005
R = 0.9998
DL = 0.02163
BEC = 0.04688

Weight: <None>
Min Conc: 0

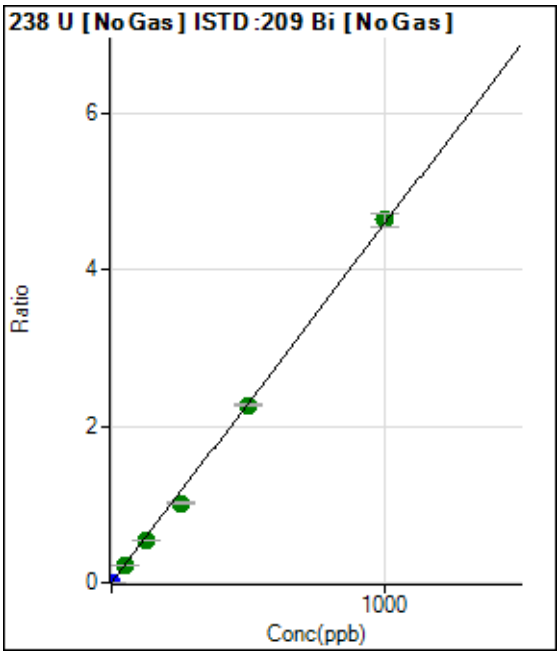
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2013.42	0.0002	P	5.8
2	☐	1.000	0.965	43773.36	0.0048	P	1.6
3	☐	250.000	260.348	11680571.37	1.2230	A	1.3
4	☐	625.000	625.520	27711602.29	2.9380	A	0.2
5	☐	1250.000	1155.173	51144249.38	5.4256	A	0.4
6	☐	2500.000	2509.631	109935798.36	11.7869	A	0.6
7	☐	5000.000	5018.309	214283349.58	23.5690	A	2.9
8	☐			49768.06	0.0063	P	3.2

y = 0.0047 * x + 2.1940E-004
R = 0.9998
DL = 0.008173
BEC = 0.04672

Weight: <None>
Min Conc: 0

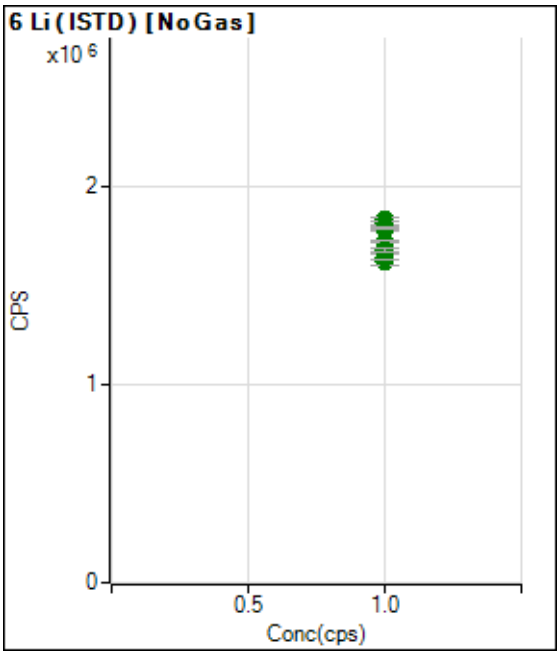


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	29.
2	☐	1.000	0.903	38244.75	0.0042	P	1.2
3	☐	50.000	49.066	2152862.85	0.2254	A	1.5
4	☐	125.000	119.146	5162200.37	0.5473	A	0.8
5	☐	250.000	222.091	9617136.80	1.0203	A	1.1
6	☐	500.000	493.942	21162954.41	2.2691	A	1.5
7	☐	1000.000	1010.785	42210751.59	4.6434	A	3.7
8	☐			3695.00	0.0005	P	9.7

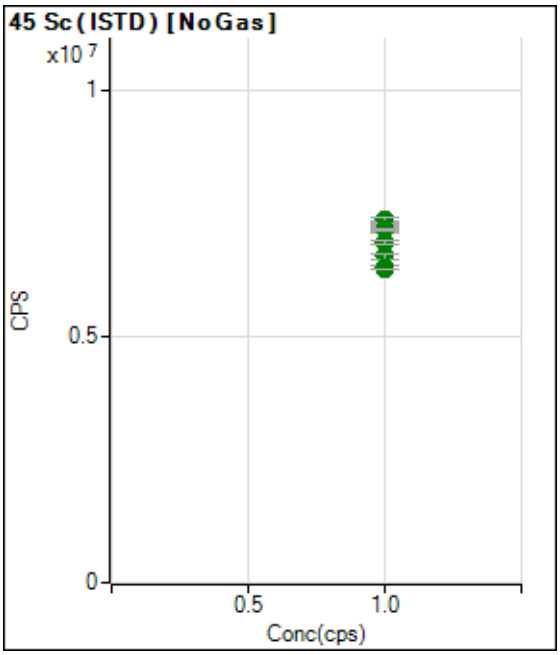
y = 0.0046 * x + 3.0347E-006
R = 0.9995
DL = 0.000577
BEC = 0.0006606

Weight: <None>
Min Conc: 0

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On:12/23/2024 4:14:13 AM
Inst Id :P7

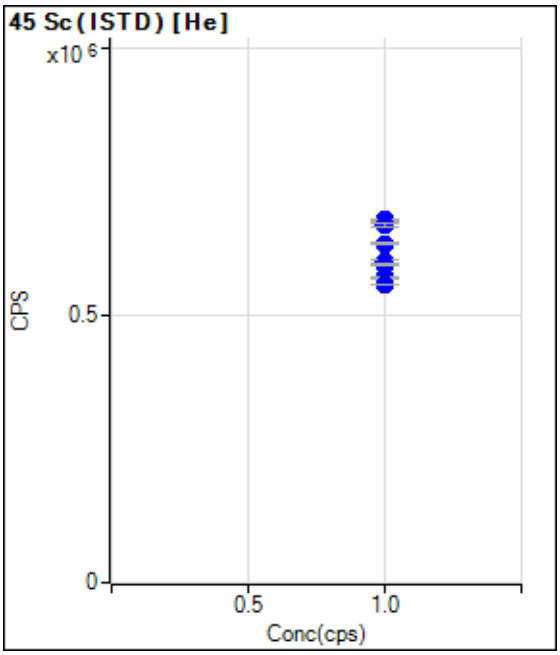


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1619578.22		A	1.5
2	☐	1.000		1643384.70		A	1.6
3	☐	1.000		1722925.44		A	0.6
4	☐	1.000		1783998.83		A	0.4
5	☐	1.000		1832961.81		A	1.0
6	☐	1.000		1815997.98		A	1.3
7	☐	1.000		1794230.70		A	0.7
8	☐	1.000		1680283.72		A	1.0

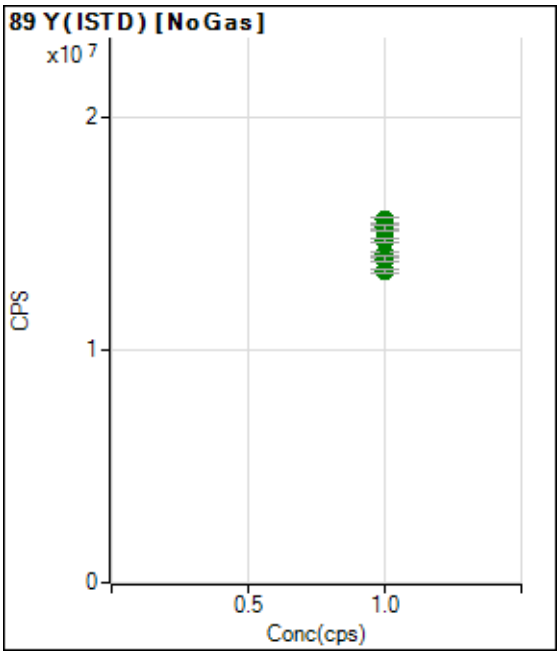


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7188004.75		A	1.6
2	☐	1.000		7293436.70		A	1.1
3	☐	1.000		7374666.49		A	1.4
4	☐	1.000		7176658.09		A	0.6
5	☐	1.000		6908327.33		A	1.1
6	☐	1.000		6641654.90		A	1.7
7	☐	1.000		6408616.16		A	1.7
8	☐	1.000		6380531.99		A	0.3

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On:12/23/2024 4:14:13 AM
Inst Id :P7

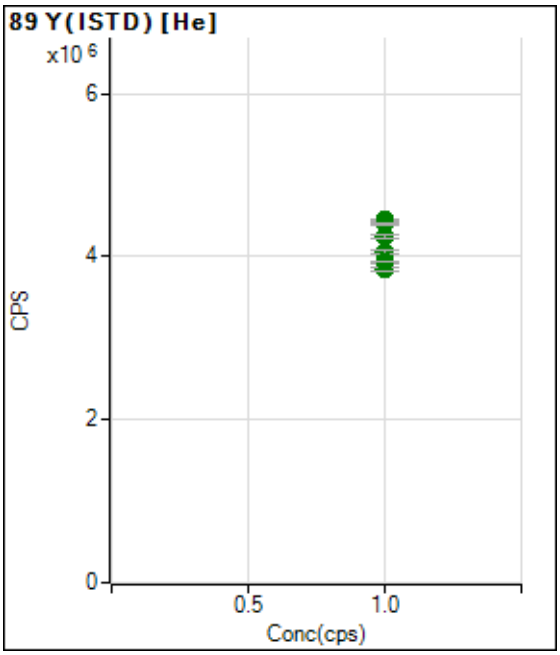


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		677033.85		P	0.2
2	☐	1.000		678810.05		P	0.6
3	☐	1.000		668739.39		P	0.9
4	☐	1.000		635005.27		P	0.4
5	☐	1.000		599680.97		P	1.4
6	☐	1.000		570691.92		P	0.6
7	☐	1.000		557646.01		P	0.5
8	☐	1.000		595254.26		P	0.4

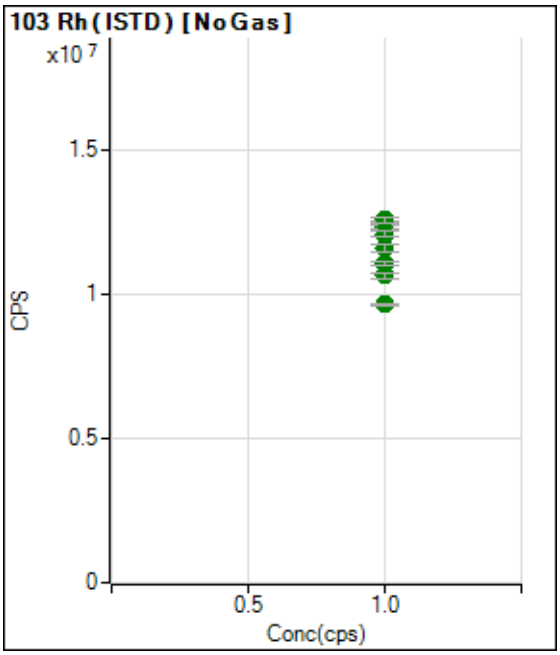


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15144960.05		A	0.8
2	☐	1.000		15287194.91		A	0.9
3	☐	1.000		15588694.91		A	1.5
4	☐	1.000		15246390.88		A	1.4
5	☐	1.000		14715564.92		A	1.1
6	☐	1.000		14091845.48		A	1.4
7	☐	1.000		13914381.74		A	1.5
8	☐	1.000		13379062.16		A	0.9

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

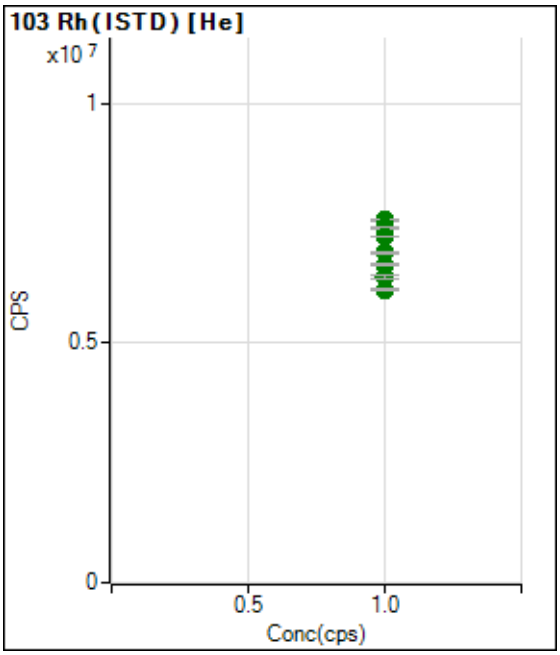


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4425118.06		A	0.4
2	☐	1.000		4451146.88		A	0.8
3	☐	1.000		4400920.45		A	0.9
4	☐	1.000		4241041.29		A	0.8
5	☐	1.000		4063295.18		A	1.1
6	☐	1.000		3921967.75		A	0.8
7	☐	1.000		3837414.70		A	1.1
8	☐	1.000		3936150.49		A	0.3

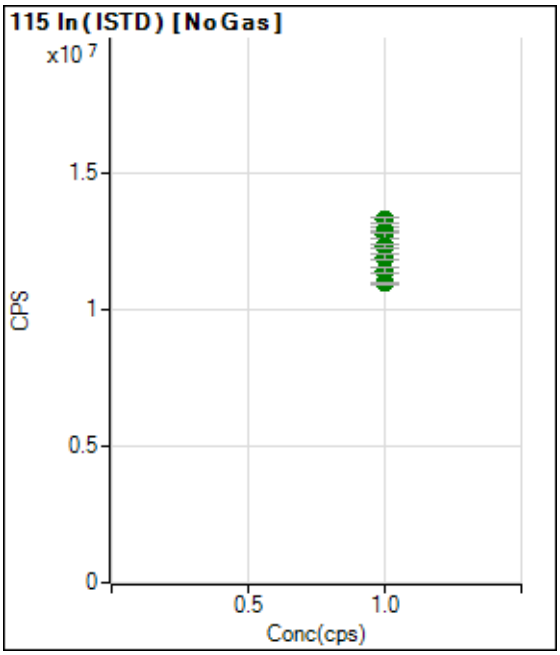


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12291593.99		A	1.1
2	☐	1.000		12463312.73		A	0.8
3	☐	1.000		12560933.29		A	1.7
4	☐	1.000		12074796.21		A	1.8
5	☐	1.000		11606871.35		A	2.2
6	☐	1.000		11053496.09		A	1.5
7	☐	1.000		10632527.13		A	2.1
8	☐	1.000		9639573.68		A	0.9

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

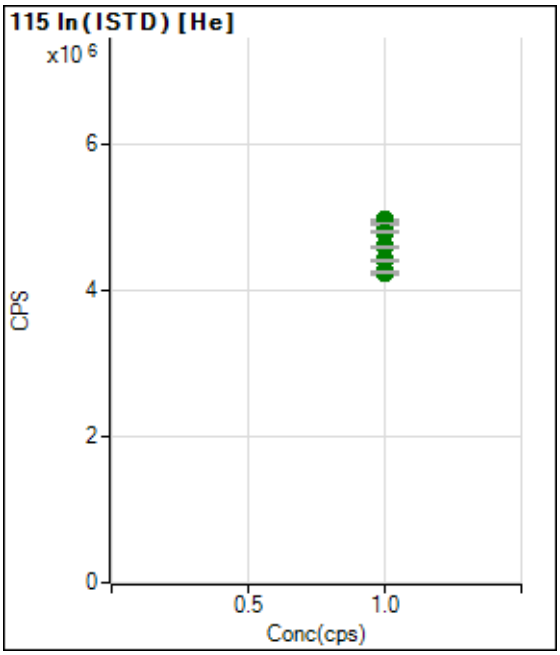


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7544151.07		A	0.6
2	☐	1.000		7564707.94		A	0.2
3	☐	1.000		7397755.51		A	0.6
4	☐	1.000		7219188.50		A	0.3
5	☐	1.000		6883897.68		A	0.5
6	☐	1.000		6634004.14		A	0.8
7	☐	1.000		6370203.38		A	1.1
8	☐	1.000		6097062.83		A	0.6

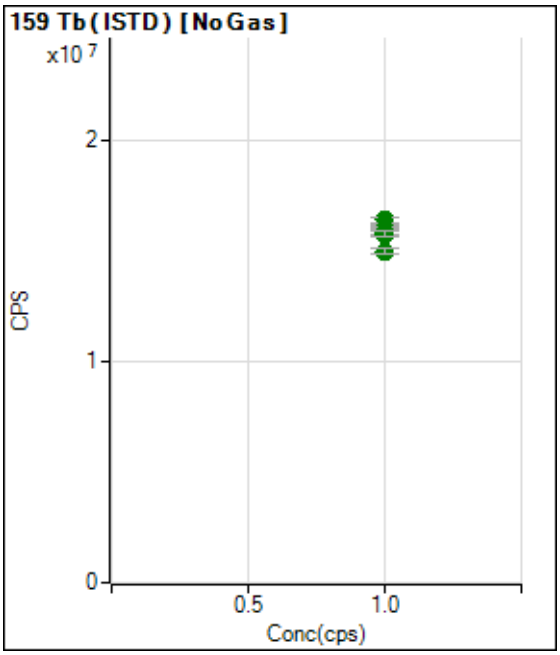


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12930252.70		A	1.3
2	☐	1.000		12896628.40		A	0.6
3	☐	1.000		13300705.44		A	1.4
4	☐	1.000		12753770.92		A	1.6
5	☐	1.000		12340233.39		A	1.3
6	☐	1.000		11937288.67		A	1.8
7	☐	1.000		11438073.93		A	1.6
8	☐	1.000		10965560.06		A	0.9

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

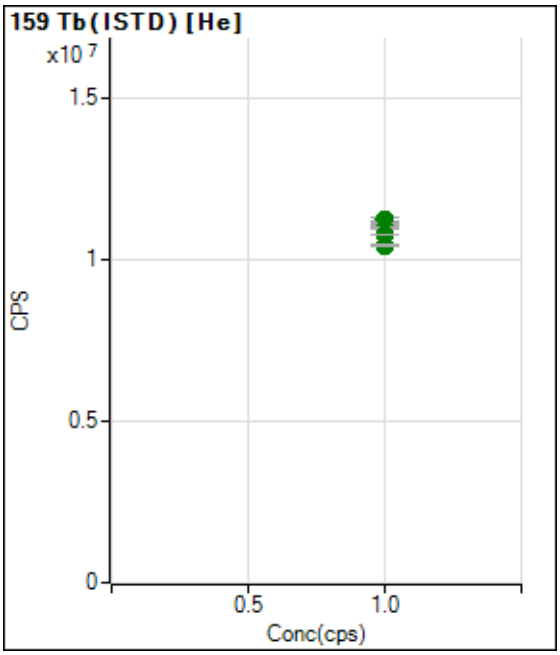


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4926219.05		A	0.5
2	☐	1.000		4963812.68		A	0.6
3	☐	1.000		4910507.43		A	0.7
4	☐	1.000		4795595.50		A	0.8
5	☐	1.000		4591093.40		A	0.8
6	☐	1.000		4413570.25		A	0.4
7	☐	1.000		4233898.47		A	1.0
8	☐	1.000		4250247.02		A	0.6

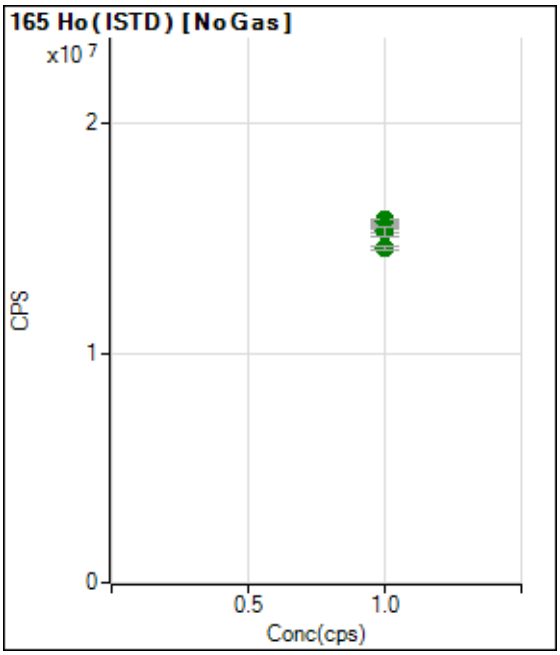


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1	☐	1.000		15851956.15		A	1.4
2	☐	1.000		16062252.40		A	0.6
3	☐	1.000		16384853.64		A	1.6
4	☐	1.000		16205370.59		A	0.7
5	☐	1.000		16017650.73		A	0.6
6	☐	1.000		15769274.77		A	1.2
7	☐	1.000		15740170.60		A	1.6
8	☐	1.000		14971583.94		A	2.1

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On:12/23/2024 4:14:13 AM
Inst Id :P7

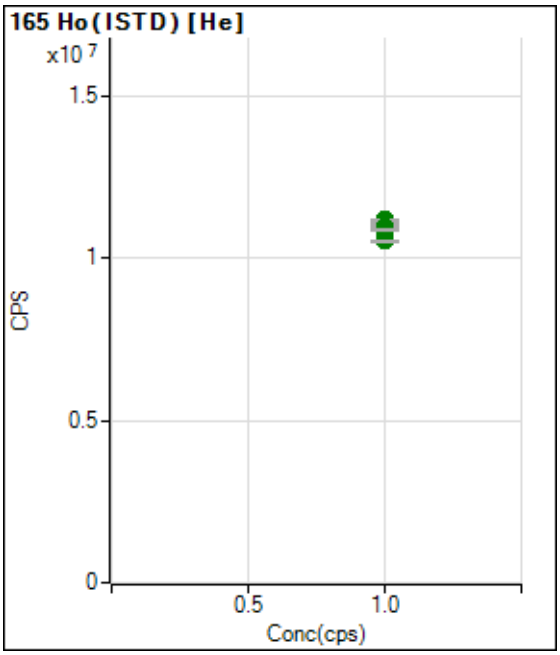


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11075431.78		A	0.4
2	☐	1.000		11142985.11		A	0.4
3	☐	1.000		11213349.00		A	1.6
4	☐	1.000		11164659.97		A	0.6
5	☐	1.000		11089683.45		A	0.6
6	☐	1.000		10939267.06		A	0.6
7	☐	1.000		10768290.26		A	0.3
8	☐	1.000		10424314.29		A	0.7

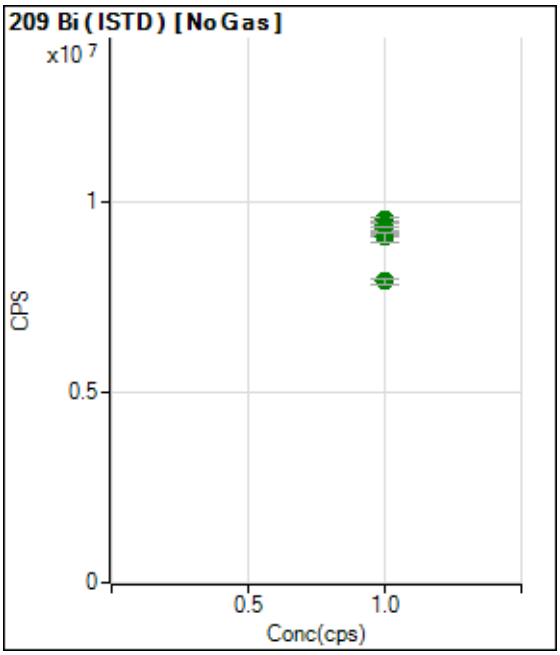


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15359306.58		A	1.2
2	☐	1.000		15503175.33		A	0.8
3	☐	1.000		15810737.40		A	0.9
4	☐	1.000		15751051.15		A	1.1
5	☐	1.000		15502304.49		A	1.0
6	☐	1.000		15372536.44		A	1.3
7	☐	1.000		15299067.41		A	2.4
8	☐	1.000		14572659.23		A	0.8

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

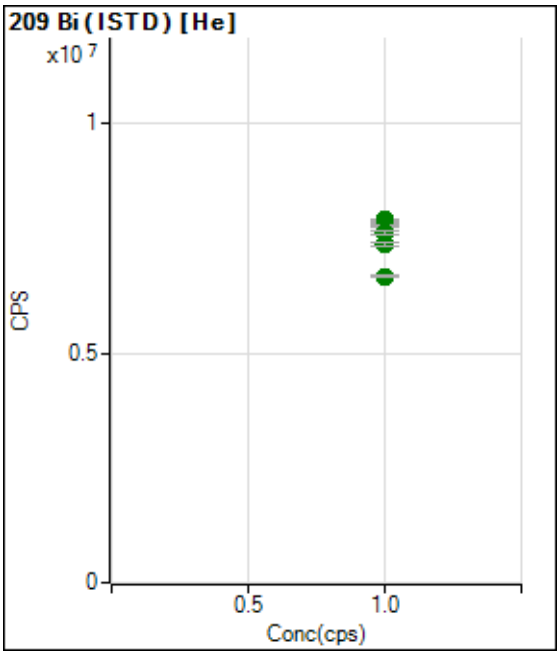


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1	☐	1.000		11043742.20		A	0.5
2	☐	1.000		11053959.84		A	0.2
3	☐	1.000		11167963.17		A	0.4
4	☐	1.000		11181822.06		A	0.8
5	☐	1.000		11157090.67		A	0.4
6	☐	1.000		10948960.81		A	0.2
7	☐	1.000		10862834.35		A	0.8
8	☐	1.000		10536679.01		A	0.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9175289.24		A	1.4
2	☐	1.000		9211328.47		A	0.5
3	☐	1.000		9552048.82		A	1.3
4	☐	1.000		9432123.13		A	1.3
5	☐	1.000		9426476.11		A	0.8
6	☐	1.000		9327404.17		A	1.4
7	☐	1.000		9095953.96		A	2.4
8	☐	1.000		7939278.36		A	1.8

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7745851.76		A	0.2
2	☐	1.000		7814808.84		A	1.6
3	☐	1.000		7895642.66		A	0.9
4	☐	1.000		7851958.22		A	0.8
5	☐	1.000		7770839.95		A	0.4
6	☐	1.000		7612779.75		A	1.1
7	☐	1.000		7384555.45		A	1.1
8	☐	1.000		6665806.01		A	0.8

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7
ClientSampleId :TUNE005

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7122024MS3.b
Acq. Date-Time	2024-12-20 18:50:35
Report Comment	---
Instrument Name	G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		9831	98312.28			0.246	5.000
24		74697	746969.95			0.443	5.000
25		9210	92099.22			0.291	5.000
26		10483	104828.05			0.146	5.000
59		119088	1190878.26			0.800	5.000
113		15342	153423.64			0.462	5.000
115		197377	1973767.87			0.974	5.000
206		38456	384563.63			0.739	5.000
207		33388	333878.86			0.518	5.000
208		81095	810946.57			2.663	5.000
220		0	2.60			34.401	

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	9873	9826	9811	9830	9817
24	75080	74201	74897	74620	74687
25	9223	9228	9195	9170	9234
26	10484	10507	10466	10484	10473
59	120365	119761	118813	118067	118434
113	15429	15406	15297	15269	15310
115	200596	195467	196955	197245	196621
206	38790	38631	38514	38267	38079
207	33575	33574	33241	33237	33313
208	80907	84873	79726	80010	79957

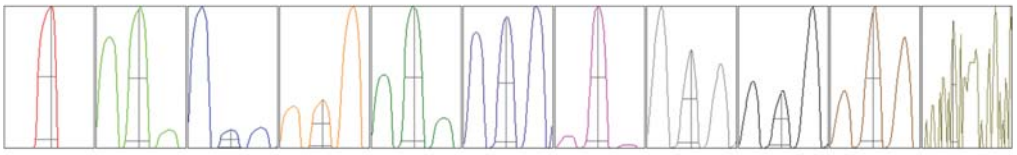
Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7
ClientSampleId :TUNE005

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	17184.37	9.10	8.90 - 9.10	
24	124173.64	23.95	23.90 - 24.10	
25	15738.05	24.95	24.90 - 25.10	
26	18044.16	25.95	25.90 - 26.10	
59	206375.88	58.95	58.90 - 59.10	
113	30496.29	112.95	112.90 - 113.10	
115	384653.24	114.95	114.90 - 115.10	
206	82002.28	206.00	205.90 - 206.10	
207	69525.60	206.95	206.90 - 207.10	
208	169827.91	207.95	207.90 - 208.10	
220	0.45	219.55	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.735	0.900	
24	0.63	0.804	0.900	
25	0.61	0.733	0.900	
26	0.61	0.741	0.900	
59	0.60	0.785	0.900	
113	0.52	0.728	0.900	
115	0.51	0.743	0.900	
206	0.49	0.719	0.900	
207	0.50	0.728	0.900	
208	0.49	0.738	0.900	
220	0.17	0.242		

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:12/23/2024 4:14:13 AM
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	8.0 V	Deflect	15.8 V
Extract 2	-135.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.4 mm		

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		39033	390334.74			0.598	
89		44918	449184.16			0.794	
205		42573	425732.60			0.742	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	39443	38976	38882	38976	38890
89	45419	45138	44632	44832	44571
205	42930	42529	42083	42746	42579

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	9.1 V	Deflect	3.6 V

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7
ClientSampleId :TUNE005

US EPA Tune Check Report

Extract 2	-155.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-60 V		

Cell Parameters

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

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	0.3 mm	Torch V	0.4 mm

EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:34:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-0.06	0.11	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	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	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	0.00	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.63	-0.33	-0.30	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Calcium	43-1	0.78	-0.96	0.18	0.00	N/A	ppb
Calcium	44-1	0.17	-0.31	0.14	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	-0.02	0.01	0.00	N/A	ppb
Iron	57-2	-0.12	-0.25	0.36	0.00	N/A	ppb
Iron	54-2	0.28	0.02	-0.30	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:34:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.02	0.01	-0.03	0.00	N/A	ppb
Manganese	55-2	-0.01	-0.01	0.02	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	0.01	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	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-15.92	-19.07	-15.51	-16.83		ppb
Potassium	39-2	-0.13	-0.23	0.36	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.03	-0.08	0.05	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	-0.45	0.39	0.00	N/A	ppb
Silicon	28-1	-0.99	0.35	0.64	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	-0.57	0.34	0.23	0.00	N/A	ppb
Strontium	86-1	0.01	0.02	-0.03	0.00	N/A	ppb
Strontium	88-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Sulfur	34-1	-173.92	-24.81	0.86	-65.96		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	-0.01	0.00	0.01	0.00	N/A	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:34:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	0.07	-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:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:40:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.41	20.04	20.12	19.85	1.96	ppb
Antimony	121-1	2.23	2.19	2.17	2.19	1.41	ppb
Arsenic	75-2	1.12	1.23	1.27	1.20	6.47	ppb
Barium	135-1	10.76	10.62	10.76	10.71	0.75	ppb
Barium	137-1	10.69	10.57	10.71	10.65	0.71	ppb
Beryllium	9-1	1.23	1.27	1.16	1.22	4.75	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	1.31	0.97	1.11	16.32	ppb
Cadmium	106-1	1.31	1.57	1.85	1.58	17.03	ppb
Cadmium	111-1	1.30	1.25	1.24	1.27	2.63	ppb
Calcium	43-1	547.28	543.58	542.50	544.45	0.46	ppb
Calcium	44-1	548.18	558.36	547.23	551.26	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.11	2.08	2.12	1.76	ppb
Cobalt	59-2	1.14	1.12	1.12	1.13	1.19	ppb
Copper	63-2	1.96	2.03	1.97	1.99	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	56.48	56.58	56.01	56.36	0.54	ppb
Iron	57-2	55.92	56.34	57.37	56.54	1.32	ppb
Iron	54-2	56.93	57.38	58.32	57.54	1.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:40:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.99	0.95	0.93	0.96	3.00	ppb
Lead	207-1	1.00	0.98	0.94	0.97	3.46	ppb
Lead	208-1	0.98	0.97	0.95	0.97	1.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	531.88	530.14	527.73	529.92	0.39	ppb
Manganese	55-2	1.01	0.93	0.93	0.96	4.42	ppb
Molybdenum	94-1	6.06	6.26	6.27	6.20	1.95	ppb
Molybdenum	95-1	5.20	5.24	5.12	5.19	1.20	ppb
Molybdenum	96-1	5.25	5.33	5.28	5.29	0.79	ppb
Molybdenum	97-1	5.08	5.27	5.18	5.18	1.77	ppb
Molybdenum	98-1	5.22	5.25	5.19	5.22	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.10	1.09	1.14	7.04	ppb
Phosphorus	31-2	14.70	21.39	14.42	16.83	23.47	ppb
Potassium	39-2	542.93	537.81	537.52	539.42	0.56	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.46	5.52	5.06	5.35	4.64	ppb
Selenium	77-2	5.51	5.03	5.06	5.20	5.09	ppb
Selenium	78-2	5.78	5.83	6.14	5.92	3.28	ppb
Silicon	28-1	1.11	2.23	0.96	1.43	48.35	ppb
Silver	107-1	1.11	1.09	1.12	1.10	1.39	ppb
Silver	109-1	1.10	1.10	1.11	1.11	0.56	ppb
Sodium	23-2	501.26	498.14	502.43	500.61	0.44	ppb
Strontium	86-1	26.21	27.25	26.10	26.52	2.40	ppb
Strontium	88-1	25.57	26.44	26.34	26.12	1.83	ppb
Sulfur	34-1	12.19	84.70	100.98	65.96	71.66	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.96	0.99	1.00	0.99	2.00	ppb
Thallium	205-1	0.98	0.99	0.97	0.98	1.19	ppb
Tin	118-1	5.60	5.59	5.56	5.58	0.35	ppb
Titanium	47-1	5.24	5.43	5.35	5.34	1.72	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:40:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.89	0.91	0.90	1.16	ppb
Vanadium	51-2	5.37	5.25	5.41	5.34	1.50	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	4.93	5.14	5.05	5.04	2.01	ppb
Zirconium	90-1	1.02	1.07	1.04	1.04	2.33	ppb
Zirconium	91-1	1.03	1.07	1.06	1.05	1.99	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:43:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1007.70	998.92	1013.35	1006.66	0.72	ppb
Antimony	121-1	52.67	54.33	53.84	53.61	1.59	ppb
Arsenic	75-2	55.85	56.22	56.26	56.11	0.41	ppb
Barium	135-1	261.75	271.29	267.91	266.98	1.81	ppb
Barium	137-1	273.60	281.67	279.82	278.36	1.52	ppb
Beryllium	9-1	57.85	58.60	58.39	58.28	0.67	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	58.36	60.23	58.52	59.04	1.76	ppb
Cadmium	106-1	59.70	58.35	59.80	59.28	1.37	ppb
Cadmium	111-1	55.63	57.65	56.38	56.55	1.81	ppb
Calcium	43-1	5483.28	5475.46	5520.74	5493.16	0.44	ppb
Calcium	44-1	5332.60	5278.21	5352.55	5321.12	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.44	52.09	52.81	52.45	0.68	ppb
Cobalt	59-2	52.86	52.46	53.35	52.89	0.84	ppb
Copper	63-2	552.25	550.01	557.17	553.14	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	2741.87	2712.26	2796.45	2750.19	1.55	ppb
Iron	57-2	2766.96	2734.69	2782.62	2761.42	0.88	ppb
Iron	54-2	2796.94	2802.28	2831.72	2810.31	0.67	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:43:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	258.80	259.90	263.88	260.86	1.02	ppb
Lead	207-1	257.55	262.06	258.04	259.21	0.95	ppb
Lead	208-1	256.49	262.89	261.67	260.35	1.30	ppb
Lithium	6-1				106		%
Magnesium	24-2	5127.86	5122.20	5169.93	5140.00	0.51	ppb
Manganese	55-2	528.87	526.14	539.80	531.60	1.36	ppb
Molybdenum	94-1	518.86	533.87	529.77	527.50	1.47	ppb
Molybdenum	95-1	530.95	533.89	527.35	530.73	0.62	ppb
Molybdenum	96-1	532.20	535.81	532.16	533.39	0.39	ppb
Molybdenum	97-1	538.14	527.23	526.23	530.53	1.25	ppb
Molybdenum	98-1	529.74	532.96	531.75	531.48	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.91	53.48	55.35	54.25	1.81	ppb
Phosphorus	31-2	1088.22	1097.67	1088.85	1091.58	0.48	ppb
Potassium	39-2	2667.20	2642.53	2658.50	2656.08	0.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	54.45	57.83	56.91	56.40	3.09	ppb
Selenium	77-2	56.46	55.18	66.65	59.43	10.58	ppb
Selenium	78-2	56.13	57.23	55.58	56.32	1.49	ppb
Silicon	28-1	68.64	68.24	71.29	69.39	2.39	ppb
Silver	107-1	55.90	57.82	56.75	56.82	1.69	ppb
Silver	109-1	56.22	58.01	57.40	57.21	1.59	ppb
Sodium	23-2	5131.48	5171.32	5246.08	5182.96	1.12	ppb
Strontium	86-1	1284.15	1306.07	1299.40	1296.54	0.87	ppb
Strontium	88-1	1321.95	1327.59	1335.21	1328.25	0.50	ppb
Sulfur	34-1	987.34	1017.58	1150.78	1051.90	8.27	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	48.28	48.99	48.79	48.69	0.75	ppb
Thallium	205-1	47.46	48.52	48.38	48.12	1.20	ppb
Tin	118-1	53.32	54.77	54.76	54.28	1.54	ppb
Titanium	47-1	527.63	524.02	529.15	526.93	0.50	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:43:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	48.30	49.82	49.08	49.07	1.55	ppb
Vanadium	51-2	52.82	52.47	53.30	52.86	0.79	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	526.38	523.28	534.13	527.93	1.06	ppb
Zirconium	90-1	50.56	51.54	51.58	51.23	1.12	ppb
Zirconium	91-1	51.59	52.18	52.31	52.03	0.74	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:46:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2416.66	2386.96	2403.01	2402.21	0.62	ppb
Antimony	121-1	133.77	132.86	131.64	132.76	0.80	ppb
Arsenic	75-2	131.30	133.41	133.35	132.69	0.90	ppb
Barium	135-1	672.68	656.11	646.69	658.49	2.00	ppb
Barium	137-1	668.70	661.14	645.91	658.58	1.76	ppb
Beryllium	9-1	134.14	133.33	134.71	134.06	0.51	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	139.94	139.87	135.96	138.59	1.64	ppb
Cadmium	106-1	138.56	138.73	138.06	138.45	0.25	ppb
Cadmium	111-1	132.32	133.38	131.16	132.28	0.84	ppb
Calcium	43-1	13097.42	12981.03	13026.95	13035.13	0.45	ppb
Calcium	44-1	12684.87	12596.87	12562.25	12614.66	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.76	125.29	125.73	125.59	0.21	ppb
Cobalt	59-2	126.24	125.57	126.20	126.00	0.30	ppb
Copper	63-2	1322.53	1318.17	1322.82	1321.17	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				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	6516.67	6518.33	6501.99	6512.33	0.14	ppb
Iron	57-2	6613.00	6582.99	6612.05	6602.68	0.26	ppb
Iron	54-2	6750.64	6732.26	6678.17	6720.36	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:46:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	618.82	625.06	631.40	625.09	1.01	ppb
Lead	207-1	626.57	629.23	621.90	625.90	0.59	ppb
Lead	208-1	625.18	627.12	624.26	625.52	0.23	ppb
Lithium	6-1				110		%
Magnesium	24-2	12149.22	12173.45	12275.24	12199.30	0.55	ppb
Manganese	55-2	1259.77	1257.95	1252.70	1256.80	0.29	ppb
Molybdenum	94-1	1250.30	1277.74	1248.27	1258.77	1.31	ppb
Molybdenum	95-1	1266.04	1287.03	1263.36	1272.14	1.02	ppb
Molybdenum	96-1	1256.26	1272.21	1254.85	1261.11	0.76	ppb
Molybdenum	97-1	1260.57	1275.75	1248.12	1261.48	1.10	ppb
Molybdenum	98-1	1246.47	1293.85	1251.65	1263.99	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.33	128.09	128.18	128.20	0.09	ppb
Phosphorus	31-2	2610.94	2633.81	2677.39	2640.71	1.28	ppb
Potassium	39-2	6357.86	6223.68	6230.02	6270.52	1.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	131.55	133.38	130.47	131.80	1.11	ppb
Selenium	77-2	141.00	135.63	133.31	136.65	2.88	ppb
Selenium	78-2	131.14	132.40	136.56	133.37	2.13	ppb
Silicon	28-1	143.51	143.37	147.32	144.73	1.55	ppb
Silver	107-1	141.03	140.06	135.28	138.79	2.22	ppb
Silver	109-1	140.36	140.23	136.95	139.18	1.39	ppb
Sodium	23-2	12420.69	12373.02	12517.23	12436.98	0.59	ppb
Strontium	86-1	3041.18	3114.71	3059.04	3071.64	1.25	ppb
Strontium	88-1	3109.36	3196.71	3173.49	3159.85	1.43	ppb
Sulfur	34-1	2476.80	2438.50	2503.78	2473.03	1.33	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	114.27	117.49	116.24	116.00	1.40	ppb
Thallium	205-1	124.42	124.84	124.81	124.69	0.19	ppb
Tin	118-1	127.84	129.11	125.96	127.64	1.24	ppb
Titanium	47-1	1261.38	1268.69	1273.74	1267.94	0.49	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:46:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	118.04	119.53	119.87	119.15	0.82	ppb
Vanadium	51-2	126.46	125.35	125.65	125.82	0.45	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	1266.05	1264.11	1272.96	1267.70	0.37	ppb
Zirconium	90-1	124.30	126.83	124.70	125.28	1.08	ppb
Zirconium	91-1	122.72	125.04	122.51	123.42	1.14	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:49:43	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4508.74	4576.01	4495.41	4526.72	0.95	ppb
Antimony	121-1	241.30	244.91	243.64	243.28	0.75	ppb
Arsenic	75-2	238.98	243.02	240.11	240.70	0.87	ppb
Barium	135-1	1200.51	1198.17	1189.74	1196.14	0.47	ppb
Barium	137-1	1202.43	1211.42	1193.70	1202.52	0.74	ppb
Beryllium	9-1	234.49	240.19	239.14	237.94	1.28	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	247.53	250.86	246.44	248.27	0.93	ppb
Cadmium	106-1	248.76	246.69	245.84	247.10	0.61	ppb
Cadmium	111-1	238.19	238.78	238.00	238.32	0.17	ppb
Calcium	43-1	24177.42	23977.33	24269.86	24141.54	0.62	ppb
Calcium	44-1	23415.12	23167.71	23483.22	23355.35	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	228.72	232.15	231.20	230.69	0.77	ppb
Cobalt	59-2	239.96	242.56	237.52	240.01	1.05	ppb
Copper	63-2	2382.95	2411.49	2409.39	2401.28	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				101		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	11980.89	12285.47	12119.05	12128.47	1.26	ppb
Iron	57-2	12076.20	12104.48	12041.45	12074.04	0.26	ppb
Iron	54-2	12112.81	12421.24	12225.16	12253.07	1.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:49:43	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1148.26	1152.11	1160.80	1153.72	0.56	ppb
Lead	207-1	1153.98	1159.01	1144.68	1152.56	0.63	ppb
Lead	208-1	1150.79	1159.70	1155.03	1155.17	0.39	ppb
Lithium	6-1				113		%
Magnesium	24-2	22518.25	22806.28	22618.31	22647.61	0.65	ppb
Manganese	55-2	2325.02	2364.74	2325.09	2338.28	0.98	ppb
Molybdenum	94-1	2349.30	2302.08	2320.62	2324.00	1.02	ppb
Molybdenum	95-1	2343.26	2303.26	2335.38	2327.30	0.91	ppb
Molybdenum	96-1	2334.76	2311.41	2329.95	2325.37	0.53	ppb
Molybdenum	97-1	2329.28	2314.83	2295.02	2313.04	0.74	ppb
Molybdenum	98-1	2349.06	2315.42	2335.76	2333.41	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	230.70	237.45	233.48	233.87	1.45	ppb
Phosphorus	31-2	4678.63	4740.98	4764.71	4728.11	0.94	ppb
Potassium	39-2	11405.17	11452.32	11362.29	11406.59	0.39	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	82-1	245.74	241.92	243.89	243.85	0.78	ppb
Selenium	77-2	256.77	247.47	244.06	249.43	2.64	ppb
Selenium	78-2	246.78	250.42	241.69	246.30	1.78	ppb
Silicon	28-1	254.38	252.63	253.64	253.55	0.35	ppb
Silver	107-1	247.67	251.41	243.86	247.65	1.52	ppb
Silver	109-1	250.02	251.30	248.59	249.97	0.54	ppb
Sodium	23-2	23137.01	23160.49	22978.85	23092.12	0.43	ppb
Strontium	86-1	5698.17	5629.24	5727.37	5684.93	0.89	ppb
Strontium	88-1	5811.21	5821.05	5891.35	5841.21	0.75	ppb
Sulfur	34-1	4468.08	4379.01	4448.13	4431.74	1.05	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	232.13	229.02	233.60	231.58	1.01	ppb
Thallium	205-1	228.98	231.80	231.51	230.76	0.67	ppb
Tin	118-1	242.25	240.88	243.22	242.12	0.49	ppb
Titanium	47-1	2338.48	2346.06	2357.95	2347.50	0.42	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:49:43	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	219.29	223.11	223.87	222.09	1.10	ppb
Vanadium	51-2	229.13	233.14	230.87	231.05	0.87	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	2364.16	2418.04	2445.40	2409.20	1.72	ppb
Zirconium	90-1	232.67	232.23	234.69	233.20	0.56	ppb
Zirconium	91-1	229.69	227.53	230.15	229.12	0.61	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:52:31	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9844.97	9739.65	9740.87	9775.16	0.62	ppb
Antimony	121-1	507.05	514.33	512.34	511.24	0.74	ppb
Arsenic	75-2	508.58	508.86	513.60	510.35	0.55	ppb
Barium	135-1	2512.91	2575.11	2578.23	2555.42	1.44	ppb
Barium	137-1	2534.26	2567.83	2550.23	2550.78	0.66	ppb
Beryllium	9-1	504.16	501.50	510.58	505.41	0.92	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.57	524.57	526.36	521.17	1.44	ppb
Cadmium	106-1	517.83	525.59	522.46	521.96	0.75	ppb
Cadmium	111-1	522.09	525.48	523.85	523.81	0.32	ppb
Calcium	43-1	50342.68	50344.20	50656.96	50447.95	0.36	ppb
Calcium	44-1	50100.80	50413.56	50919.00	50477.79	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.21	504.55	510.07	507.94	0.59	ppb
Cobalt	59-2	511.97	510.55	515.83	512.78	0.53	ppb
Copper	63-2	5148.67	5079.95	5104.46	5111.03	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	26085.80	26319.26	26347.33	26250.80	0.55	ppb
Iron	57-2	25980.97	26002.86	26145.50	26043.11	0.34	ppb
Iron	54-2	26491.00	26424.74	26768.61	26561.45	0.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:52:31	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2498.92	2504.22	2528.22	2510.45	0.62	ppb
Lead	207-1	2489.16	2500.99	2522.16	2504.11	0.67	ppb
Lead	208-1	2498.36	2505.34	2525.19	2509.63	0.55	ppb
Lithium	6-1				112		%
Magnesium	24-2	48916.06	48795.91	49140.09	48950.69	0.36	ppb
Manganese	55-2	5116.17	5047.58	5117.21	5093.65	0.78	ppb
Molybdenum	94-1	5085.04	5098.16	5143.14	5108.78	0.60	ppb
Molybdenum	95-1	5079.52	5101.61	5168.20	5116.44	0.90	ppb
Molybdenum	96-1	5061.51	5155.60	5120.10	5112.40	0.93	ppb
Molybdenum	97-1	5039.17	5117.27	5139.53	5098.65	1.03	ppb
Molybdenum	98-1	5037.69	5118.82	5131.49	5096.00	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.26	491.25	496.08	494.53	0.57	ppb
Phosphorus	31-2	10254.38	10146.06	10247.85	10216.09	0.59	ppb
Potassium	39-2	24430.22	24349.67	24777.29	24519.06	0.93	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				84		%
Selenium	82-1	514.60	523.55	523.89	520.68	1.01	ppb
Selenium	77-2	507.08	508.58	522.13	512.60	1.62	ppb
Selenium	78-2	505.07	507.74	520.91	511.24	1.66	ppb
Silicon	28-1	514.00	525.69	523.93	521.21	1.21	ppb
Silver	107-1	516.12	529.87	523.82	523.27	1.32	ppb
Silver	109-1	519.13	522.49	523.36	521.66	0.43	ppb
Sodium	23-2	49652.17	49800.02	49918.57	49790.25	0.27	ppb
Strontium	86-1	12495.98	12802.39	12887.86	12728.75	1.62	ppb
Strontium	88-1	12588.44	12783.88	12804.80	12725.71	0.94	ppb
Sulfur	34-1	9302.70	9505.73	9448.81	9419.08	1.11	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	503.37	499.17	506.71	503.08	0.75	ppb
Thallium	205-1	500.53	500.83	502.31	501.22	0.19	ppb
Tin	118-1	510.59	520.36	516.85	515.94	0.96	ppb
Titanium	47-1	4977.64	5072.80	5037.71	5029.39	0.96	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:52:31	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	486.00	495.82	500.00	493.94	1.46	ppb
Vanadium	51-2	503.64	508.64	509.74	507.34	0.64	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	5160.72	5123.79	5182.52	5155.68	0.58	ppb
Zirconium	90-1	503.22	504.91	510.17	506.10	0.72	ppb
Zirconium	91-1	510.00	507.33	512.84	510.06	0.54	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:55:15	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19438.20	19314.92	19399.04	19384.05	0.32	ppb
Antimony	121-1	978.22	1001.05	1005.46	994.91	1.47	ppb
Arsenic	75-2	1006.65	988.40	992.60	995.89	0.96	ppb
Barium	135-1	4857.34	4998.58	5086.24	4980.72	2.32	ppb
Barium	137-1	4860.89	4992.39	5089.32	4980.87	2.30	ppb
Beryllium	9-1	985.74	1017.32	993.23	998.76	1.65	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	970.65	990.09	1002.35	987.70	1.62	ppb
Cadmium	106-1	967.73	991.74	1003.33	987.60	1.84	ppb
Cadmium	111-1	971.78	996.44	1001.11	989.78	1.59	ppb
Calcium	43-1	98846.83	100708.66	100244.98	99933.49	0.97	ppb
Calcium	44-1	98487.48	100945.59	100791.47	100074.85	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1005.35	999.76	996.87	1000.66	0.43	ppb
Cobalt	59-2	1001.64	992.04	993.83	995.84	0.51	ppb
Copper	63-2	9996.24	9902.31	9974.29	9957.61	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	51650.51	51399.03	51780.91	51610.15	0.38	ppb
Iron	57-2	51558.67	51410.04	51307.38	51425.36	0.25	ppb
Iron	54-2	51862.41	52072.89	52033.75	51989.68	0.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:55:15	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4838.14	5196.82	5019.90	5018.29	3.57	ppb
Lead	207-1	4851.95	5166.18	5047.07	5021.73	3.16	ppb
Lead	208-1	4860.50	5148.52	5045.91	5018.31	2.91	ppb
Lithium	6-1				111		%
Magnesium	24-2	96675.18	96522.99	96570.24	96589.47	0.08	ppb
Manganese	55-2	10006.30	9968.93	9998.29	9991.17	0.20	ppb
Molybdenum	94-1	9753.36	10123.34	10084.72	9987.14	2.04	ppb
Molybdenum	95-1	9742.72	10107.31	10091.92	9980.65	2.07	ppb
Molybdenum	96-1	9711.90	10148.22	10093.07	9984.40	2.38	ppb
Molybdenum	97-1	9752.90	10147.44	10083.01	9994.45	2.12	ppb
Molybdenum	98-1	9774.54	10121.90	10074.54	9990.33	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1005.97	1007.17	1005.32	1006.15	0.09	ppb
Phosphorus	31-2	19951.19	19989.63	19872.46	19937.76	0.30	ppb
Potassium	39-2	48456.60	48538.68	49049.25	48681.51	0.66	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				82		%
Selenium	82-1	970.07	997.71	1002.30	990.03	1.76	ppb
Selenium	77-2	1007.81	974.70	993.23	991.92	1.67	ppb
Selenium	78-2	994.12	986.27	1001.43	993.94	0.76	ppb
Silicon	28-1	974.55	1001.65	979.28	985.16	1.47	ppb
Silver	107-1	968.51	986.77	1005.39	986.89	1.87	ppb
Silver	109-1	970.94	984.52	1005.67	987.04	1.77	ppb
Sodium	23-2	98978.85	98522.83	98799.40	98767.03	0.23	ppb
Strontium	86-1	24696.65	25129.00	25268.07	25031.24	1.19	ppb
Strontium	88-1	24355.44	25286.36	25301.43	24981.08	2.17	ppb
Sulfur	34-1	20232.40	20583.92	20483.58	20433.30	0.89	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	980.05	1030.61	1002.10	1004.25	2.52	ppb
Thallium	205-1	965.37	1039.61	1008.01	1004.33	3.71	ppb
Tin	118-1	966.60	1006.21	1007.56	993.46	2.34	ppb
Titanium	47-1	9789.28	10131.67	10138.58	10019.84	1.99	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:55:15	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	967.75	1037.73	1026.87	1010.78	3.73	ppb
Vanadium	51-2	997.45	1001.59	1003.43	1000.82	0.31	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	10057.11	9817.70	9948.95	9941.25	1.21	ppb
Zirconium	90-1	985.87	1006.27	1011.02	1001.05	1.33	ppb
Zirconium	91-1	978.06	1006.94	1015.86	1000.29	1.98	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:58:02	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100100.04	100305.13	100109.98	100171.72	0.12	ppb
Antimony	121-1	0.51	0.50	0.48	0.50	3.09	ppb
Arsenic	75-2	0.52	0.56	0.62	0.56	8.49	ppb
Barium	135-1	2.18	2.14	2.15	2.16	0.75	ppb
Barium	137-1	2.30	2.22	2.15	2.22	3.52	ppb
Beryllium	9-1	0.22	0.26	0.24	0.24	7.16	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.36	0.34	0.44	0.38	13.08	ppb
Cadmium	106-1	1.12	0.89	1.21	1.07	15.26	ppb
Cadmium	111-1	0.22	0.21	0.24	0.22	7.33	ppb
Calcium	43-1	494382.11	497152.04	508445.07	499993.08	1.49	ppb
Calcium	44-1	494808.15	501064.47	504167.44	500013.36	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.51	1.53	1.28	1.44	9.60	ppb
Cobalt	59-2	2.63	2.61	2.64	2.63	0.63	ppb
Copper	63-2	1.61	1.55	1.48	1.55	4.29	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				95		%
Holmium	165-2				95		%
Indium	115-1				85		%
Indium	115-2				86		%
Iron	56-2	249990.26	249654.32	249042.64	249562.41	0.19	ppb
Iron	57-2	249982.13	248906.03	249973.28	249620.48	0.25	ppb
Iron	54-2	250990.60	248347.34	248992.25	249443.40	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:58:02	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.37	1.35	1.28	1.33	3.43	ppb
Lead	207-1	1.31	1.26	1.18	1.25	5.16	ppb
Lead	208-1	1.33	1.29	1.24	1.29	3.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	502805.86	501614.89	498311.48	500910.74	0.46	ppb
Manganese	55-2	4.66	4.40	4.35	4.47	3.68	ppb
Molybdenum	94-1	2.63	2.49	2.46	2.53	3.68	ppb
Molybdenum	95-1	1.71	1.63	1.49	1.61	6.77	ppb
Molybdenum	96-1	3.30	3.19	3.15	3.21	2.52	ppb
Molybdenum	97-1	1.64	1.55	1.45	1.55	6.18	ppb
Molybdenum	98-1	1.62	1.49	1.38	1.50	8.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.79	3.77	3.55	3.70	3.65	ppb
Phosphorus	31-2	-4.24	-7.33	-9.84	-7.14		ppb
Potassium	39-2	250065.22	250447.06	250580.65	250364.31	0.11	ppb
Rhodium	103-1				78		%
Rhodium	103-2				81		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	0.66	0.66	0.36	0.56	30.83	ppb
Selenium	77-2	0.00	0.45	0.75	0.40	94.22	ppb
Selenium	78-2	0.54	-0.83	0.29	0.00	42411.16	ppb
Silicon	28-1	0.81	1.50	1.40	1.24	30.46	ppb
Silver	107-1	0.21	0.19	0.17	0.19	10.53	ppb
Silver	109-1	0.21	0.19	0.16	0.19	13.24	ppb
Sodium	23-2	500504.80	499314.80	501268.53	500362.71	0.20	ppb
Strontium	86-1	72.92	78.27	76.69	75.96	3.61	ppb
Strontium	88-1	73.25	75.53	74.42	74.40	1.54	ppb
Sulfur	34-1	9.86	141.50	251.16	134.17	90.05	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.17	0.12	0.11	0.14	21.43	ppb
Thallium	205-1	0.15	0.13	0.11	0.13	15.91	ppb
Tin	118-1	0.28	0.29	0.29	0.29	3.06	ppb
Titanium	47-1	1.30	1.37	1.18	1.28	7.44	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:58:02	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.11	0.10	0.09	0.10	9.76	ppb
Vanadium	51-2	0.22	0.20	0.20	0.21	3.80	ppb
Yttrium	89-1				88		%
Yttrium	89-2				89		%
Zinc	66-2	9.43	9.22	9.12	9.26	1.73	ppb
Zirconium	90-1	0.61	0.61	0.60	0.61	1.30	ppb
Zirconium	91-1	0.62	0.60	0.60	0.61	1.63	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:26:19	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	471.82	466.07	470.29	469.39	0.63	ppb
Antimony	121-1	213.93	211.63	212.80	212.79	0.54	ppb
Arsenic	75-2	211.95	213.42	213.39	212.92	0.40	ppb
Barium	135-1	100.03	102.14	102.55	101.57	1.33	ppb
Barium	137-1	100.56	100.73	101.65	100.98	0.58	ppb
Beryllium	9-1	106.74	107.69	107.93	107.45	0.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	97.14	101.21	98.77	99.04	2.07	ppb
Cadmium	106-1	92.70	93.96	93.95	93.54	0.78	ppb
Cadmium	111-1	104.92	106.30	106.62	105.95	0.86	ppb
Calcium	43-1	1956.30	2049.05	2007.98	2004.44	2.32	ppb
Calcium	44-1	1942.64	1970.66	1975.04	1962.78	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.81	101.52	101.77	101.70	0.15	ppb
Cobalt	59-2	101.70	102.35	103.21	102.42	0.74	ppb
Copper	63-2	96.02	96.42	97.33	96.59	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				100		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	2071.43	2040.59	2051.64	2054.56	0.76	ppb
Iron	57-2	2053.35	2070.40	2100.83	2074.86	1.16	ppb
Iron	54-2	2164.96	2162.42	2169.64	2165.67	0.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:26:19	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	199.97	206.25	204.59	203.61	1.60	ppb
Lead	207-1	196.50	198.02	196.81	197.11	0.41	ppb
Lead	208-1	198.52	201.29	200.57	200.13	0.72	ppb
Lithium	6-1				113		%
Magnesium	24-2	1133.24	1136.95	1142.64	1137.61	0.42	ppb
Manganese	55-2	99.60	99.47	100.06	99.71	0.31	ppb
Molybdenum	94-1	0.02	0.04	0.04	0.04	29.88	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	28.10	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.03	14.85	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.02	39.06	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	21.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.74	104.52	104.85	104.70	0.16	ppb
Phosphorus	31-2	-15.86	-19.01	-18.27	-17.71		ppb
Potassium	39-2	1947.04	1904.42	1936.44	1929.30	1.15	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	214.49	219.01	218.63	217.38	1.15	ppb
Selenium	77-2	216.25	228.78	215.67	220.23	3.36	ppb
Selenium	78-2	218.89	218.77	213.44	217.03	1.43	ppb
Silicon	28-1	-5.77	-5.15	-5.80	-5.57		ppb
Silver	107-1	50.61	50.88	51.40	50.96	0.79	ppb
Silver	109-1	50.53	51.25	51.70	51.16	1.15	ppb
Sodium	23-2	1948.85	1934.95	1958.23	1947.35	0.60	ppb
Strontium	86-1	6.20	6.35	6.02	6.19	2.66	ppb
Strontium	88-1	6.19	6.22	6.02	6.14	1.75	ppb
Sulfur	34-1	121.66	161.89	66.74	116.77	40.91	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	199.36	201.28	202.27	200.97	0.74	ppb
Thallium	205-1	198.89	202.10	198.84	199.94	0.93	ppb
Tin	118-1	0.01	0.01	0.00	0.00	196.77	ppb
Titanium	47-1	0.03	0.01	0.01	0.02	79.93	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:26:19	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	78.81	ppb
Vanadium	51-2	99.01	99.37	99.57	99.31	0.29	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	195.28	195.86	196.92	196.02	0.42	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	25.45	ppb
Zirconium	91-1	0.06	0.05	0.04	0.05	14.42	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:30:52	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.02	0.04	0.02	77.44	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	7.81	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.00	0.01	0.00	0.01	93.03	ppb
Barium	137-1	0.01	0.00	0.01	0.01	47.39	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	41.03	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	-0.02	0.05	0.03	142.19	ppb
Cadmium	106-1	-0.09	-0.25	-0.27	-0.20		ppb
Cadmium	111-1	0.01	-0.01	-0.01	0.00		ppb
Calcium	43-1	0.86	0.44	1.58	0.96	59.76	ppb
Calcium	44-1	-1.68	-0.71	-0.38	-0.92		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.05	-0.06	-0.06		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	449.52	ppb
Copper	63-2	-0.04	-0.05	-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				105		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	-0.08	-0.07	-0.01	-0.05		ppb
Iron	57-2	-1.77	-1.20	-1.27	-1.41		ppb
Iron	54-2	-1.05	-0.42	-1.39	-0.95		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:30:52	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.04	0.05	0.04	10.53	ppb
Lead	207-1	0.04	0.04	0.04	0.04	6.58	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.51	ppb
Lithium	6-1				116		%
Magnesium	24-2	0.49	0.60	0.53	0.54	10.51	ppb
Manganese	55-2	-0.06	-0.08	-0.06	-0.07		ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	12.77	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	12.18	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	42.68	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.00	133.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.06	-0.06		ppb
Phosphorus	31-2	-19.01	-16.90	-20.77	-18.89		ppb
Potassium	39-2	-12.77	-11.64	-11.00	-11.81		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.13	0.16	-0.29	0.00		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.50	0.59	-0.06	0.01	6013.84	ppb
Silicon	28-1	-7.52	-6.11	-6.41	-6.68		ppb
Silver	107-1	0.01	0.02	0.01	0.01	24.50	ppb
Silver	109-1	0.02	0.02	0.02	0.02	2.08	ppb
Sodium	23-2	2.40	2.42	1.80	2.21	15.92	ppb
Strontium	86-1	-0.11	-0.49	0.11	-0.16		ppb
Strontium	88-1	0.04	0.09	0.03	0.05	56.75	ppb
Sulfur	34-1	-165.73	-28.34	-28.67	-74.25		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.11	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.47	ppb
Tin	118-1	0.05	0.05	0.05	0.05	3.73	ppb
Titanium	47-1	0.02	0.02	0.03	0.02	21.93	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:30:52	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	10.17	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	27.23	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	-0.22	-0.22	-0.25	-0.23		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:34:10	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91945.25	92777.03	91669.18	92130.48	0.63	ppb
Antimony	121-1	1.13	1.11	1.12	1.12	0.89	ppb
Arsenic	75-2	0.33	0.32	0.36	0.34	5.60	ppb
Barium	135-1	1.36	1.45	1.35	1.39	3.92	ppb
Barium	137-1	1.41	1.43	1.34	1.40	3.45	ppb
Beryllium	9-1	0.27	0.32	0.32	0.30	9.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.70	9.77	9.13	9.54	3.66	ppb
Cadmium	106-1	0.54	-0.28	-0.40	-0.05		ppb
Cadmium	111-1	0.45	0.32	0.31	0.36	21.04	ppb
Calcium	43-1	100368.28	101387.74	100898.08	100884.70	0.51	ppb
Calcium	44-1	100129.31	100594.75	101876.10	100866.72	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.01	20.30	20.16	20.16	0.73	ppb
Cobalt	59-2	1.24	1.31	1.30	1.28	3.29	ppb
Copper	63-2	7.16	7.24	7.16	7.18	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	104809.78	105780.46	104741.60	105110.61	0.55	ppb
Iron	57-2	104661.47	104680.86	104688.65	104676.99	0.01	ppb
Iron	54-2	105057.57	105817.87	104703.87	105193.10	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:34:10	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.96	4.72	4.78	4.82	2.64	ppb
Lead	207-1	4.45	4.30	4.25	4.33	2.45	ppb
Lead	208-1	4.65	4.45	4.48	4.53	2.33	ppb
Lithium	6-1				110		%
Magnesium	24-2	96931.42	97397.19	96312.20	96880.27	0.56	ppb
Manganese	55-2	8.18	8.29	8.12	8.20	1.05	ppb
Molybdenum	94-1	1633.62	1652.10	1657.90	1647.87	0.77	ppb
Molybdenum	95-1	2016.33	2035.22	2026.48	2026.01	0.47	ppb
Molybdenum	96-1	1962.50	1997.78	1980.27	1980.18	0.89	ppb
Molybdenum	97-1	1974.51	2009.51	1995.57	1993.20	0.88	ppb
Molybdenum	98-1	1987.75	2018.39	2012.61	2006.25	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.62	5.43	5.40	5.48	2.14	ppb
Phosphorus	31-2	101545.82	103005.34	101830.67	102127.28	0.76	ppb
Potassium	39-2	96984.94	97766.68	97601.50	97451.04	0.42	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	82-1	0.18	-0.12	-0.43	-0.12		ppb
Selenium	77-2	0.43	0.44	0.14	0.34	49.60	ppb
Selenium	78-2	-0.28	-0.22	-1.30	-0.60		ppb
Silicon	28-1	-2.46	-2.54	-1.97	-2.32		ppb
Silver	107-1	0.06	0.04	0.04	0.05	20.40	ppb
Silver	109-1	0.06	0.05	0.04	0.05	17.28	ppb
Sodium	23-2	98867.62	99330.57	98109.61	98769.27	0.62	ppb
Strontium	86-1	854.81	866.18	850.17	857.05	0.96	ppb
Strontium	88-1	849.88	858.66	858.45	855.66	0.59	ppb
Sulfur	34-1	95678.77	95949.27	95519.00	95715.68	0.23	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.11	0.13	0.11	15.37	ppb
Thallium	205-1	0.10	0.11	0.13	0.11	13.84	ppb
Tin	118-1	0.17	0.17	0.17	0.17	2.86	ppb
Titanium	47-1	2057.53	2046.95	2064.82	2056.43	0.44	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:34:10	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	9.35	ppb
Vanadium	51-2	0.21	0.22	0.20	0.21	5.06	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	10.81	11.29	10.82	10.97	2.51	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	15.45	ppb
Zirconium	91-1	0.03	0.04	0.04	0.04	17.55	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:37:12	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91690.96	91948.34	92192.34	91943.88	0.27	ppb
Antimony	121-1	21.32	21.02	21.28	21.21	0.79	ppb
Arsenic	75-2	21.00	21.20	21.19	21.13	0.54	ppb
Barium	135-1	21.64	21.57	21.32	21.51	0.80	ppb
Barium	137-1	21.51	21.44	21.60	21.52	0.36	ppb
Beryllium	9-1	21.60	21.63	21.55	21.59	0.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	27.08	27.51	27.46	27.35	0.85	ppb
Cadmium	106-1	17.42	16.37	17.94	17.24	4.64	ppb
Cadmium	111-1	20.16	19.96	20.02	20.05	0.51	ppb
Calcium	43-1	99876.54	101481.61	102260.91	101206.35	1.20	ppb
Calcium	44-1	100185.70	101827.39	102087.09	101366.72	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.94	40.99	40.92	40.95	0.09	ppb
Cobalt	59-2	21.62	21.78	21.64	21.68	0.40	ppb
Copper	63-2	26.01	26.50	26.22	26.24	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	105117.04	106206.31	104825.95	105383.10	0.69	ppb
Iron	57-2	104769.02	106245.76	104013.85	105009.54	1.08	ppb
Iron	54-2	105453.08	105630.75	105387.16	105490.33	0.12	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:37:12	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.56	24.74	24.87	24.72	0.63	ppb
Lead	207-1	23.11	23.33	23.63	23.36	1.13	ppb
Lead	208-1	23.72	23.78	23.93	23.81	0.45	ppb
Lithium	6-1				108		%
Magnesium	24-2	97260.54	97073.22	97813.77	97382.51	0.40	ppb
Manganese	55-2	28.10	28.40	28.23	28.25	0.53	ppb
Molybdenum	94-1	1636.31	1678.99	1662.33	1659.21	1.30	ppb
Molybdenum	95-1	2010.71	2045.81	2042.03	2032.85	0.95	ppb
Molybdenum	96-1	1976.44	1989.44	2006.45	1990.78	0.76	ppb
Molybdenum	97-1	2011.86	2040.53	2030.62	2027.67	0.72	ppb
Molybdenum	98-1	2017.83	2065.41	2038.88	2040.71	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.50	25.75	25.47	25.57	0.59	ppb
Phosphorus	31-2	101182.81	101654.43	102136.60	101657.95	0.47	ppb
Potassium	39-2	97596.75	97951.53	97780.14	97776.14	0.18	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	82-1	21.42	21.30	21.18	21.30	0.56	ppb
Selenium	77-2	20.97	22.35	25.01	22.78	9.01	ppb
Selenium	78-2	17.99	20.34	19.74	19.36	6.31	ppb
Silicon	28-1	-2.93	-2.03	-1.29	-2.08		ppb
Silver	107-1	19.14	19.10	19.11	19.12	0.10	ppb
Silver	109-1	19.12	19.06	19.29	19.16	0.63	ppb
Sodium	23-2	99217.76	99132.43	98520.65	98956.95	0.38	ppb
Strontium	86-1	864.94	879.00	869.61	871.18	0.82	ppb
Strontium	88-1	855.94	876.54	875.69	869.39	1.34	ppb
Sulfur	34-1	94865.23	95828.48	96443.67	95712.46	0.83	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	19.49	20.03	20.19	19.91	1.83	ppb
Thallium	205-1	19.68	20.01	20.13	19.94	1.15	ppb
Tin	118-1	0.16	0.15	0.16	0.16	3.99	ppb
Titanium	47-1	2076.42	2052.62	2087.03	2072.03	0.85	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:37:12	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	1.45	ppb
Vanadium	51-2	20.48	20.60	20.46	20.51	0.38	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	31.05	31.53	31.07	31.22	0.87	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	12.46	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	11.78	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:40:16	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49489.51	49133.29	49547.69	49390.16	0.45	ppb
Antimony	121-1	453.76	488.15	496.87	479.59	4.75	ppb
Arsenic	75-2	485.96	484.08	487.37	485.80	0.34	ppb
Barium	135-1	2332.34	2514.10	2506.08	2450.84	4.19	ppb
Barium	137-1	2333.30	2499.80	2521.40	2451.50	4.20	ppb
Beryllium	9-1	455.76	492.53	504.03	484.10	5.21	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	447.94	484.38	483.91	472.08	4.43	ppb
Cadmium	106-1	449.54	485.61	491.14	475.43	4.75	ppb
Cadmium	111-1	440.46	484.59	491.62	472.22	5.87	ppb
Calcium	43-1	226452.46	249597.70	246720.41	240923.52	5.24	ppb
Calcium	44-1	228895.01	250207.73	247704.80	242269.18	4.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.96	489.01	505.67	497.55	1.68	ppb
Cobalt	59-2	487.63	487.51	492.27	489.14	0.55	ppb
Copper	63-2	4755.82	4738.50	4742.00	4745.44	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				104		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				88		%
Iron	56-2	126477.54	125879.32	126836.94	126397.93	0.38	ppb
Iron	57-2	127489.84	126525.15	128096.99	127370.66	0.62	ppb
Iron	54-2	127924.19	127168.14	127412.30	127501.54	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:40:16	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2309.33	2512.60	2587.88	2469.94	5.83	ppb
Lead	207-1	2300.60	2490.45	2547.60	2446.22	5.29	ppb
Lead	208-1	2303.92	2514.01	2558.76	2458.90	5.53	ppb
Lithium	6-1				107		%
Magnesium	24-2	242543.89	243670.74	243657.38	243290.67	0.27	ppb
Manganese	55-2	4909.82	4880.72	4900.85	4897.13	0.30	ppb
Molybdenum	94-1	4472.07	5065.34	4981.84	4839.75	6.64	ppb
Molybdenum	95-1	4474.17	5099.84	4996.00	4856.67	6.90	ppb
Molybdenum	96-1	4448.33	5061.86	5020.28	4843.49	7.08	ppb
Molybdenum	97-1	4436.87	5073.88	4962.36	4824.37	7.05	ppb
Molybdenum	98-1	4459.44	5083.74	4961.74	4834.97	6.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.72	461.08	467.04	464.94	0.72	ppb
Phosphorus	31-2	9807.68	9670.63	9828.44	9768.92	0.88	ppb
Potassium	39-2	122056.86	121788.58	122060.36	121968.60	0.13	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	82-1	430.57	478.93	473.31	460.93	5.74	ppb
Selenium	77-2	447.18	467.05	473.42	462.55	2.96	ppb
Selenium	78-2	475.68	471.77	472.03	473.16	0.46	ppb
Silicon	28-1	175.56	198.01	199.29	190.95	6.99	ppb
Silver	107-1	448.61	477.91	481.46	469.33	3.84	ppb
Silver	109-1	442.64	488.52	490.04	473.73	5.69	ppb
Sodium	23-2	245040.98	242713.68	244892.48	244215.71	0.53	ppb
Strontium	86-1	11217.23	12672.82	12433.69	12107.91	6.45	ppb
Strontium	88-1	11280.34	12632.99	12437.87	12117.07	6.03	ppb
Sulfur	34-1	7647.93	8769.50	8848.60	8422.01	7.97	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	470.91	504.49	514.34	496.58	4.59	ppb
Thallium	205-1	467.32	501.89	514.96	494.72	4.97	ppb
Tin	118-1	460.15	496.41	502.29	486.28	4.69	ppb
Titanium	47-1	4550.22	4934.20	4988.25	4824.22	4.95	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:40:16	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	461.13	512.83	526.07	500.01	6.86	ppb
Vanadium	51-2	502.91	505.09	503.11	503.70	0.24	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	4671.72	4665.97	4668.76	4668.82	0.06	ppb
Zirconium	90-1	453.90	509.13	500.84	487.96	6.10	ppb
Zirconium	91-1	458.24	516.30	506.73	493.76	6.30	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:42:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.58	4.27	3.75	4.54	20.85	ppb
Antimony	121-1	0.22	0.21	0.18	0.21	9.15	ppb
Arsenic	75-2	0.08	0.03	0.02	0.04	80.16	ppb
Barium	135-1	0.31	0.26	0.27	0.28	9.55	ppb
Barium	137-1	0.29	0.30	0.26	0.28	8.03	ppb
Beryllium	9-1	0.15	0.11	0.08	0.11	30.53	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.10	0.15	0.10	62.28	ppb
Cadmium	106-1	1.16	0.33	-0.26	0.41	174.76	ppb
Cadmium	111-1	0.15	0.10	0.04	0.10	60.59	ppb
Calcium	43-1	32.94	34.14	27.18	31.42	11.85	ppb
Calcium	44-1	29.04	29.57	26.65	28.42	5.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.03	0.03	22.28	ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	6.27	ppb
Copper	63-2	0.42	0.38	0.34	0.38	11.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	12.73	11.13	10.12	11.33	11.66	ppb
Iron	57-2	9.81	8.92	7.44	8.72	13.71	ppb
Iron	54-2	12.39	11.12	9.47	11.00	13.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:42:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.38	0.37	0.33	0.36	7.70	ppb
Lead	207-1	0.35	0.37	0.31	0.34	8.80	ppb
Lead	208-1	0.37	0.37	0.33	0.35	7.10	ppb
Lithium	6-1				113		%
Magnesium	24-2	21.25	19.22	17.29	19.25	10.28	ppb
Manganese	55-2	0.34	0.29	0.29	0.31	9.96	ppb
Molybdenum	94-1	0.75	0.74	0.68	0.73	5.05	ppb
Molybdenum	95-1	0.70	0.71	0.62	0.68	7.00	ppb
Molybdenum	96-1	0.73	0.75	0.62	0.70	10.31	ppb
Molybdenum	97-1	0.74	0.72	0.67	0.71	4.89	ppb
Molybdenum	98-1	0.75	0.71	0.67	0.71	6.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	-0.01	0.02	124.56	ppb
Phosphorus	31-2	-12.38	-15.59	-16.88	-14.95		ppb
Potassium	39-2	9.96	9.12	9.62	9.57	4.40	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	-0.36	0.02	-0.27	-0.21		ppb
Selenium	77-2	0.14	0.14	0.00	0.09	86.62	ppb
Selenium	78-2	0.32	-0.40	-0.91	-0.33		ppb
Silicon	28-1	-8.83	-8.55	-8.18	-8.52		ppb
Silver	107-1	0.11	0.10	0.09	0.10	7.23	ppb
Silver	109-1	0.12	0.10	0.09	0.10	14.97	ppb
Sodium	23-2	59.42	53.65	49.92	54.33	8.81	ppb
Strontium	86-1	1.25	0.86	1.23	1.11	19.66	ppb
Strontium	88-1	1.59	1.38	1.30	1.42	10.30	ppb
Sulfur	34-1	-212.68	-134.60	-147.97	-165.08		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.14	0.13	0.14	6.09	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	3.92	ppb
Tin	118-1	0.06	0.07	0.06	0.06	13.53	ppb
Titanium	47-1	0.78	0.69	0.66	0.71	8.84	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:42:59	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	2.68	ppb
Vanadium	51-2	0.04	0.04	0.03	0.04	11.33	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	0.08	0.11	0.09	0.09	16.42	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	2.97	ppb
Zirconium	91-1	0.06	0.07	0.07	0.06	10.41	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:46:33	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73633.15	72829.70	72024.82	72829.22	1.10	ppb
Antimony	121-1	4.42	4.63	4.69	4.58	3.11	ppb
Arsenic	75-2	244.25	237.71	242.81	241.59	1.42	ppb
Barium	135-1	162.01	168.76	169.98	166.92	2.57	ppb
Barium	137-1	161.70	168.51	169.32	166.51	2.51	ppb
Beryllium	9-1	0.92	0.88	0.94	0.92	3.11	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.32	6.90	6.96	6.72	5.20	ppb
Cadmium	106-1	7.77	8.09	7.37	7.74	4.67	ppb
Cadmium	111-1	6.12	6.40	6.50	6.34	3.08	ppb
Calcium	43-1	8763.83	9032.27	9051.11	8949.07	1.80	ppb
Calcium	44-1	8535.13	8795.64	8819.93	8716.90	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	326.36	322.63	321.15	323.38	0.83	ppb
Cobalt	59-2	96.72	95.16	94.31	95.40	1.28	ppb
Copper	63-2	803.27	786.10	774.83	788.07	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	157045.46	156238.22	154467.15	155916.94	0.85	ppb
Iron	57-2	154795.89	153481.68	152438.81	153572.13	0.77	ppb
Iron	54-2	156540.67	156351.39	155784.58	156225.55	0.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:46:33	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	170.35	178.04	179.54	175.98	2.80	ppb
Lead	207-1	176.37	180.30	186.97	181.21	2.95	ppb
Lead	208-1	173.87	179.71	183.26	178.94	2.65	ppb
Lithium	6-1				118		%
Magnesium	24-2	51952.95	51803.40	50649.10	51468.48	1.39	ppb
Manganese	55-2	2819.94	2825.30	2782.88	2809.37	0.82	ppb
Molybdenum	94-1	7.78	8.06	8.03	7.96	1.92	ppb
Molybdenum	95-1	0.61	0.63	0.64	0.63	2.58	ppb
Molybdenum	96-1	2.49	2.59	2.59	2.56	2.31	ppb
Molybdenum	97-1	0.58	0.63	0.57	0.59	5.11	ppb
Molybdenum	98-1	0.55	0.58	0.57	0.57	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	182.32	180.26	178.67	180.42	1.01	ppb
Phosphorus	31-2	760.88	771.18	728.80	753.62	2.93	ppb
Potassium	39-2	1727.22	1740.40	1724.60	1730.74	0.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				124		%
Scandium	45-2				116		%
Selenium	82-1	1.69	2.02	1.65	1.79	11.31	ppb
Selenium	77-2	10.57	8.51	9.38	9.49	10.91	ppb
Selenium	78-2	3.62	2.23	1.79	2.55	37.50	ppb
Silicon	28-1	2033.58	2114.37	2121.09	2089.68	2.33	ppb
Silver	107-1	0.97	0.99	0.99	0.98	1.64	ppb
Silver	109-1	0.95	1.00	1.01	0.98	3.17	ppb
Sodium	23-2	74.86	72.45	70.53	72.62	2.99	ppb
Strontium	86-1	995.47	1040.18	1040.07	1025.24	2.51	ppb
Strontium	88-1	1030.74	1080.82	1064.86	1058.81	2.42	ppb
Sulfur	34-1	-927.56	-921.56	-902.41	-917.18		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.22	0.22	0.21	0.22	2.10	ppb
Thallium	205-1	0.22	0.22	0.21	0.22	0.71	ppb
Tin	118-1	0.35	0.39	0.38	0.37	5.04	ppb
Titanium	47-1	1044.65	1056.62	1076.40	1059.22	1.51	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:46:33	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.55	0.56	0.54	3.15	ppb
Vanadium	51-2	413.00	417.20	413.05	414.42	0.58	ppb
Yttrium	89-1				116		%
Yttrium	89-2				109		%
Zinc	66-2	486.22	482.06	473.74	480.67	1.32	ppb
Zirconium	90-1	4.00	4.25	4.13	4.13	3.01	ppb
Zirconium	91-1	4.05	4.32	4.18	4.18	3.24	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-01	Instrumnet Name :	P7
Client Sample ID :	MYCZG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:49:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25993.36	25675.82	25859.26	25842.81	0.62	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	4.15	ppb
Arsenic	75-2	44.41	44.69	44.94	44.68	0.58	ppb
Barium	135-1	298.41	302.44	300.11	300.32	0.67	ppb
Barium	137-1	307.87	314.65	311.28	311.27	1.09	ppb
Beryllium	9-1	1.20	1.17	1.16	1.17	1.79	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.47	1.34	1.44	1.42	4.64	ppb
Cadmium	106-1	3.39	3.09	2.89	3.13	8.03	ppb
Cadmium	111-1	1.42	1.43	1.41	1.42	0.70	ppb
Calcium	43-1	19989.77	20379.55	20314.49	20227.93	1.03	ppb
Calcium	44-1	19501.79	19726.56	19517.88	19582.08	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.74	54.85	54.54	54.71	0.28	ppb
Cobalt	59-2	49.42	49.37	49.91	49.56	0.60	ppb
Copper	63-2	112.06	111.12	112.47	111.88	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				110		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	55518.46	54729.70	55120.74	55122.97	0.72	ppb
Iron	57-2	54887.43	53533.22	54533.50	54318.05	1.29	ppb
Iron	54-2	55754.92	54971.87	55377.73	55368.17	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-01	Instrumnet Name :	P7
Client Sample ID :	MYCZG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:49:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	84.39	85.35	86.32	85.35	1.13	ppb
Lead	207-1	86.70	86.22	88.12	87.01	1.14	ppb
Lead	208-1	88.87	88.97	90.39	89.41	0.95	ppb
Lithium	6-1				116		%
Magnesium	24-2	14726.84	14482.26	14493.08	14567.39	0.95	ppb
Manganese	55-2	1769.26	1752.82	1766.93	1763.00	0.50	ppb
Molybdenum	94-1	1.25	1.21	1.21	1.22	1.59	ppb
Molybdenum	95-1	0.30	0.31	0.31	0.31	3.23	ppb
Molybdenum	96-1	0.72	0.76	0.76	0.75	3.08	ppb
Molybdenum	97-1	0.30	0.30	0.31	0.30	2.05	ppb
Molybdenum	98-1	0.29	0.28	0.27	0.28	4.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.05	46.64	46.62	46.77	0.52	ppb
Phosphorus	31-2	1928.01	1875.76	1925.96	1909.91	1.55	ppb
Potassium	39-2	7596.65	7476.46	7575.80	7549.63	0.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	0.93	0.41	0.26	0.54	65.54	ppb
Selenium	77-2	12.26	11.90	11.51	11.89	3.14	ppb
Selenium	78-2	1.32	2.11	2.50	1.97	30.39	ppb
Silicon	28-1	555.79	561.06	557.30	558.05	0.49	ppb
Silver	107-1	0.16	0.16	0.17	0.16	4.02	ppb
Silver	109-1	0.17	0.16	0.17	0.17	3.03	ppb
Sodium	23-2	138.91	136.17	138.03	137.71	1.02	ppb
Strontium	86-1	1459.91	1478.59	1475.67	1471.39	0.68	ppb
Strontium	88-1	1490.46	1520.58	1511.68	1507.57	1.03	ppb
Sulfur	34-1	88.85	175.66	165.32	143.28	33.09	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.25	0.26	0.25	0.25	2.22	ppb
Thallium	205-1	0.25	0.26	0.27	0.26	2.94	ppb
Tin	118-1	0.01	0.03	0.02	0.02	53.34	ppb
Titanium	47-1	176.21	179.67	176.64	177.51	1.06	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-01	Instrumnet Name :	P7
Client Sample ID :	MYCZG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:49:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.77	0.78	0.77	1.13	ppb
Vanadium	51-2	86.20	85.44	86.21	85.95	0.52	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	366.16	364.21	364.16	364.85	0.31	ppb
Zirconium	90-1	0.53	0.51	0.52	0.52	1.64	ppb
Zirconium	91-1	0.51	0.52	0.52	0.52	1.82	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-02	Instrumnet Name :	P7
Client Sample ID :	MYCZH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:52:38	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23837.65	23585.68	23495.49	23639.61	0.75	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	3.52	ppb
Arsenic	75-2	7.01	6.98	7.03	7.01	0.35	ppb
Barium	135-1	368.49	380.73	364.46	371.23	2.28	ppb
Barium	137-1	383.21	396.52	381.34	387.02	2.14	ppb
Beryllium	9-1	1.20	1.23	1.31	1.25	4.63	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.51	3.28	3.31	3.37	3.64	ppb
Cadmium	106-1	4.62	5.30	4.87	4.93	6.94	ppb
Cadmium	111-1	2.70	2.90	2.68	2.76	4.35	ppb
Calcium	43-1	41620.41	44015.09	41903.49	42512.99	3.08	ppb
Calcium	44-1	41385.88	43909.32	42166.16	42487.12	3.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.60	41.93	41.78	41.77	0.40	ppb
Cobalt	59-2	26.80	26.78	26.68	26.75	0.24	ppb
Copper	63-2	113.73	113.58	112.36	113.22	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				108		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	37261.48	37098.54	37139.02	37166.35	0.23	ppb
Iron	57-2	37004.54	36512.04	36852.73	36789.77	0.69	ppb
Iron	54-2	37325.49	37492.26	36984.54	37267.43	0.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-02	Instrumnet Name :	P7
Client Sample ID :	MYCZH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:52:38	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	180.74	186.20	180.65	182.53	1.74	ppb
Lead	207-1	188.05	195.48	186.48	190.00	2.53	ppb
Lead	208-1	183.16	191.00	183.59	185.92	2.37	ppb
Lithium	6-1				114		%
Magnesium	24-2	15182.59	15114.68	15222.42	15173.23	0.36	ppb
Manganese	55-2	1380.82	1389.99	1383.44	1384.75	0.34	ppb
Molybdenum	94-1	2.78	2.86	2.86	2.83	1.67	ppb
Molybdenum	95-1	0.39	0.36	0.37	0.37	3.32	ppb
Molybdenum	96-1	0.82	0.89	0.82	0.84	4.63	ppb
Molybdenum	97-1	0.30	0.36	0.34	0.33	8.64	ppb
Molybdenum	98-1	0.34	0.37	0.33	0.35	6.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.71	44.18	43.46	44.12	1.42	ppb
Phosphorus	31-2	343.70	316.14	326.01	328.62	4.25	ppb
Potassium	39-2	7531.72	7542.00	7473.14	7515.62	0.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	1.04	1.32	0.63	1.00	34.61	ppb
Selenium	77-2	9.66	9.32	8.91	9.30	4.01	ppb
Selenium	78-2	1.64	2.00	1.34	1.66	19.87	ppb
Silicon	28-1	533.02	555.49	511.91	533.47	4.09	ppb
Silver	107-1	0.09	0.10	0.09	0.09	8.50	ppb
Silver	109-1	0.08	0.09	0.09	0.09	6.90	ppb
Sodium	23-2	454.93	452.61	449.69	452.41	0.58	ppb
Strontium	86-1	4791.71	5064.91	4838.97	4898.53	2.98	ppb
Strontium	88-1	4924.26	5149.01	4937.14	5003.47	2.52	ppb
Sulfur	34-1	1665.67	2122.95	1887.63	1892.08	12.09	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.29	0.27	0.27	5.81	ppb
Thallium	205-1	0.26	0.27	0.26	0.26	0.99	ppb
Tin	118-1	0.04	0.14	0.11	0.10	52.73	ppb
Titanium	47-1	30.17	31.92	33.60	31.90	5.37	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-02	Instrumnet Name :	P7
Client Sample ID :	MYCZH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:52:38	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.82	0.81	0.80	2.40	ppb
Vanadium	51-2	31.30	31.55	30.96	31.27	0.96	ppb
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	2875.63	2843.96	2821.40	2846.99	0.96	ppb
Zirconium	90-1	1.35	1.43	1.39	1.39	2.81	ppb
Zirconium	91-1	1.40	1.47	1.36	1.41	4.14	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-03	Instrumnet Name :	P7
Client Sample ID :	MYCZH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:55:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27974.35	28260.67	28045.23	28093.42	0.53	ppb
Antimony	121-1	0.15	0.15	0.17	0.16	5.97	ppb
Arsenic	75-2	65.47	63.90	64.21	64.53	1.29	ppb
Barium	135-1	550.09	553.99	553.36	552.48	0.38	ppb
Barium	137-1	558.02	554.48	556.21	556.24	0.32	ppb
Beryllium	9-1	1.67	1.59	1.59	1.62	2.71	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.08	3.87	4.12	4.02	3.25	ppb
Cadmium	106-1	7.23	6.75	6.72	6.90	4.14	ppb
Cadmium	111-1	2.98	2.91	2.97	2.95	1.32	ppb
Calcium	43-1	24102.29	24271.99	24579.97	24318.08	1.00	ppb
Calcium	44-1	23510.07	23633.85	23884.40	23676.11	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.45	45.42	45.02	45.30	0.53	ppb
Cobalt	59-2	27.15	27.56	26.80	27.17	1.40	ppb
Copper	63-2	124.34	125.48	125.11	124.98	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				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	56106.52	56914.69	56533.18	56518.13	0.72	ppb
Iron	57-2	55316.42	56163.32	55649.58	55709.77	0.77	ppb
Iron	54-2	56882.40	56252.85	56322.45	56485.90	0.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-03	Instrumnet Name :	P7
Client Sample ID :	MYCZH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:55:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	277.77	276.86	275.57	276.73	0.40	ppb
Lead	207-1	282.13	284.35	282.28	282.92	0.44	ppb
Lead	208-1	277.83	279.25	278.16	278.41	0.27	ppb
Lithium	6-1				115		%
Magnesium	24-2	12511.01	12648.43	12537.61	12565.69	0.58	ppb
Manganese	55-2	1451.53	1464.30	1460.77	1458.87	0.45	ppb
Molybdenum	94-1	27.54	27.77	27.63	27.65	0.44	ppb
Molybdenum	95-1	0.58	0.58	0.59	0.59	0.84	ppb
Molybdenum	96-1	3.84	3.88	3.83	3.85	0.59	ppb
Molybdenum	97-1	0.55	0.61	0.61	0.59	5.97	ppb
Molybdenum	98-1	0.57	0.59	0.57	0.58	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.55	41.19	40.77	40.84	0.80	ppb
Phosphorus	31-2	4049.44	4105.22	4057.65	4070.77	0.74	ppb
Potassium	39-2	11872.21	11956.74	11795.81	11874.92	0.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	0.85	0.73	0.78	0.79	7.98	ppb
Selenium	77-2	15.82	12.06	16.12	14.67	15.40	ppb
Selenium	78-2	2.18	1.29	2.50	1.99	31.51	ppb
Silicon	28-1	713.71	725.52	741.18	726.80	1.90	ppb
Silver	107-1	0.50	0.52	0.52	0.51	1.99	ppb
Silver	109-1	0.49	0.52	0.50	0.51	2.52	ppb
Sodium	23-2	343.98	347.71	343.05	344.92	0.71	ppb
Strontium	86-1	2774.02	2837.57	2800.08	2803.89	1.14	ppb
Strontium	88-1	2853.08	2895.91	2876.56	2875.18	0.75	ppb
Sulfur	34-1	1609.05	1622.67	1630.04	1620.59	0.66	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.30	0.28	0.29	3.16	ppb
Thallium	205-1	0.27	0.29	0.27	0.27	4.20	ppb
Tin	118-1	1.57	1.56	1.54	1.56	1.15	ppb
Titanium	47-1	222.77	227.06	230.18	226.67	1.64	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-03	Instrumnet Name :	P7
Client Sample ID :	MYCZH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:55:40	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.85	0.84	0.84	0.67	ppb
Vanadium	51-2	89.01	88.71	88.01	88.58	0.58	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	826.90	832.65	829.96	829.84	0.35	ppb
Zirconium	90-1	15.16	15.15	14.96	15.09	0.75	ppb
Zirconium	91-1	15.50	15.30	15.26	15.35	0.84	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-04	Instrumnet Name :	P7
Client Sample ID :	MYCZH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:58:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25107.61	25083.56	25279.63	25156.94	0.43	ppb
Antimony	121-1	0.13	0.14	0.14	0.13	2.22	ppb
Arsenic	75-2	64.30	64.40	63.95	64.22	0.36	ppb
Barium	135-1	464.81	471.80	472.14	469.58	0.88	ppb
Barium	137-1	467.86	470.92	468.25	469.01	0.35	ppb
Beryllium	9-1	1.53	1.46	1.55	1.51	3.05	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.92	3.69	3.98	3.87	3.94	ppb
Cadmium	106-1	5.69	5.52	5.54	5.58	1.71	ppb
Cadmium	111-1	2.93	3.02	3.01	2.99	1.67	ppb
Calcium	43-1	28668.23	28327.38	29386.07	28793.89	1.88	ppb
Calcium	44-1	28204.42	28259.05	28754.66	28406.04	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.82	48.22	48.30	48.45	0.67	ppb
Cobalt	59-2	26.20	25.94	26.22	26.12	0.59	ppb
Copper	63-2	137.01	136.66	136.88	136.85	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	46919.99	46449.98	46403.59	46591.19	0.61	ppb
Iron	57-2	46399.24	45533.63	45818.71	45917.19	0.96	ppb
Iron	54-2	46935.32	45961.04	46357.55	46417.97	1.06	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-04	Instrumnet Name :	P7
Client Sample ID :	MYCZH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:58:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	266.96	263.17	267.93	266.02	0.95	ppb
Lead	207-1	277.85	278.42	285.27	280.51	1.47	ppb
Lead	208-1	272.13	270.58	275.79	272.83	0.98	ppb
Lithium	6-1				117		%
Magnesium	24-2	10874.72	10777.75	10865.05	10839.17	0.49	ppb
Manganese	55-2	1275.84	1254.06	1261.00	1263.63	0.88	ppb
Molybdenum	94-1	25.22	25.20	25.47	25.30	0.60	ppb
Molybdenum	95-1	0.50	0.52	0.49	0.51	2.51	ppb
Molybdenum	96-1	3.42	3.46	3.42	3.43	0.64	ppb
Molybdenum	97-1	0.48	0.48	0.49	0.49	1.48	ppb
Molybdenum	98-1	0.47	0.48	0.49	0.48	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.63	42.20	42.34	42.39	0.51	ppb
Phosphorus	31-2	4147.60	4093.66	4154.78	4132.01	0.81	ppb
Potassium	39-2	6517.52	6534.71	6504.35	6518.86	0.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	0.89	0.65	1.29	0.94	34.28	ppb
Selenium	77-2	10.46	9.01	13.58	11.02	21.19	ppb
Selenium	78-2	2.35	0.70	3.04	2.03	59.23	ppb
Silicon	28-1	854.27	869.10	872.78	865.38	1.13	ppb
Silver	107-1	0.94	0.98	0.98	0.96	2.56	ppb
Silver	109-1	0.94	0.97	0.99	0.97	2.29	ppb
Sodium	23-2	240.14	239.73	238.96	239.61	0.25	ppb
Strontium	86-1	2424.99	2471.33	2480.34	2458.89	1.21	ppb
Strontium	88-1	2534.45	2536.60	2519.32	2530.12	0.37	ppb
Sulfur	34-1	841.05	981.56	1004.63	942.41	9.39	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.27	0.29	0.31	0.29	7.81	ppb
Thallium	205-1	0.29	0.30	0.29	0.29	1.94	ppb
Tin	118-1	0.53	0.54	0.55	0.54	2.47	ppb
Titanium	47-1	249.40	253.49	255.25	252.71	1.19	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-04	Instrumnet Name :	P7
Client Sample ID :	MYCZH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:58:44	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.95	0.98	0.95	3.17	ppb
Vanadium	51-2	77.72	77.75	78.32	77.93	0.43	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	782.65	773.38	778.23	778.08	0.60	ppb
Zirconium	90-1	13.83	13.94	13.94	13.90	0.46	ppb
Zirconium	91-1	13.84	14.02	14.33	14.06	1.78	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-05	Instrumnet Name :	P7
Client Sample ID :	MYCZH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:01:47	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31820.69	31811.63	31854.94	31829.09	0.07	ppb
Antimony	121-1	0.04	0.03	0.04	0.03	6.79	ppb
Arsenic	75-2	54.84	54.38	53.55	54.26	1.20	ppb
Barium	135-1	469.25	493.15	488.63	483.68	2.63	ppb
Barium	137-1	469.91	499.42	483.38	484.23	3.05	ppb
Beryllium	9-1	1.80	1.87	1.94	1.87	3.63	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.71	1.57	1.69	1.66	4.34	ppb
Cadmium	106-1	4.17	4.03	3.24	3.82	13.20	ppb
Cadmium	111-1	1.28	1.37	1.29	1.31	3.93	ppb
Calcium	43-1	12678.11	13591.32	13560.27	13276.57	3.91	ppb
Calcium	44-1	12389.93	13075.91	13125.04	12863.63	3.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.70	47.60	47.71	47.67	0.13	ppb
Cobalt	59-2	29.60	29.79	29.71	29.70	0.32	ppb
Copper	63-2	131.49	132.06	131.22	131.59	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	57729.63	57894.84	57757.99	57794.15	0.15	ppb
Iron	57-2	57111.80	57307.79	56182.33	56867.31	1.06	ppb
Iron	54-2	57687.10	58131.32	57990.95	57936.46	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-05	Instrumnet Name :	P7
Client Sample ID :	MYCZH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:01:47	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.11	115.68	115.36	113.38	3.27	ppb
Lead	207-1	108.45	114.53	114.99	112.66	3.24	ppb
Lead	208-1	112.14	119.44	118.98	116.85	3.50	ppb
Lithium	6-1				117		%
Magnesium	24-2	11623.02	11761.88	11583.94	11656.28	0.80	ppb
Manganese	55-2	1420.04	1439.90	1431.91	1430.62	0.70	ppb
Molybdenum	94-1	11.41	11.94	11.96	11.77	2.65	ppb
Molybdenum	95-1	0.34	0.34	0.34	0.34	0.46	ppb
Molybdenum	96-1	1.84	1.95	1.89	1.89	2.82	ppb
Molybdenum	97-1	0.32	0.31	0.29	0.31	5.10	ppb
Molybdenum	98-1	0.30	0.32	0.31	0.31	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.33	48.21	47.79	47.78	0.92	ppb
Phosphorus	31-2	2385.93	2394.07	2333.91	2371.30	1.38	ppb
Potassium	39-2	5340.08	5418.21	5333.09	5363.79	0.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	82-1	0.60	0.41	0.49	0.50	19.57	ppb
Selenium	77-2	14.56	14.59	11.46	13.54	13.28	ppb
Selenium	78-2	3.11	1.92	2.77	2.60	23.63	ppb
Silicon	28-1	452.96	493.70	486.44	477.70	4.55	ppb
Silver	107-1	0.29	0.30	0.30	0.29	1.92	ppb
Silver	109-1	0.26	0.29	0.30	0.28	8.01	ppb
Sodium	23-2	211.36	212.70	208.63	210.90	0.98	ppb
Strontium	86-1	1826.94	1916.63	1900.19	1881.25	2.54	ppb
Strontium	88-1	1864.00	1975.68	1947.26	1928.98	3.01	ppb
Sulfur	34-1	-308.76	-151.00	-166.93	-208.90		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.27	0.27	0.27	2.18	ppb
Thallium	205-1	0.26	0.27	0.27	0.26	1.76	ppb
Tin	118-1	0.19	0.22	0.21	0.21	6.84	ppb
Titanium	47-1	70.55	74.01	73.60	72.72	2.60	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-05	Instrumnet Name :	P7
Client Sample ID :	MYCZH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:01:47	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.10	1.10	1.08	4.06	ppb
Vanadium	51-2	94.68	95.59	94.82	95.03	0.52	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	385.57	385.83	384.23	385.21	0.22	ppb
Zirconium	90-1	6.12	6.50	6.41	6.34	3.14	ppb
Zirconium	91-1	6.25	6.48	6.62	6.45	2.87	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-06	Instrumnet Name :	P7
Client Sample ID :	MYCZH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:04:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31220.91	31102.45	31480.72	31268.03	0.62	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	19.24	ppb
Arsenic	75-2	37.00	36.07	37.29	36.79	1.74	ppb
Barium	135-1	585.40	601.25	611.18	599.28	2.17	ppb
Barium	137-1	584.42	592.28	606.24	594.31	1.86	ppb
Beryllium	9-1	1.75	1.70	1.80	1.75	2.78	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.86	1.22	0.92	1.00	19.02	ppb
Cadmium	106-1	2.33	1.78	2.14	2.08	13.33	ppb
Cadmium	111-1	0.81	0.82	0.83	0.82	1.50	ppb
Calcium	43-1	13385.27	13533.25	13707.98	13542.17	1.19	ppb
Calcium	44-1	12917.50	13304.76	13339.09	13187.12	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.11	43.07	42.90	43.02	0.26	ppb
Cobalt	59-2	27.71	27.74	27.92	27.79	0.40	ppb
Copper	63-2	67.03	67.14	67.71	67.29	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				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	53458.30	53824.62	53567.76	53616.90	0.35	ppb
Iron	57-2	53030.78	53403.00	52590.28	53008.02	0.77	ppb
Iron	54-2	53969.12	53739.75	54004.51	53904.46	0.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-06	Instrumnet Name :	P7
Client Sample ID :	MYCZH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:04:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	91.41	95.43	93.77	93.54	2.16	ppb
Lead	207-1	91.48	94.45	93.93	93.28	1.70	ppb
Lead	208-1	95.23	98.09	97.68	97.00	1.59	ppb
Lithium	6-1				116		%
Magnesium	24-2	12335.73	12297.60	12290.80	12308.04	0.20	ppb
Manganese	55-2	1361.64	1370.35	1365.84	1365.94	0.32	ppb
Molybdenum	94-1	5.15	5.36	5.48	5.33	3.13	ppb
Molybdenum	95-1	0.29	0.30	0.30	0.29	0.89	ppb
Molybdenum	96-1	1.16	1.13	1.17	1.15	1.99	ppb
Molybdenum	97-1	0.26	0.28	0.28	0.28	3.89	ppb
Molybdenum	98-1	0.27	0.27	0.28	0.28	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.85	38.02	38.11	37.99	0.35	ppb
Phosphorus	31-2	3069.30	3084.56	3089.95	3081.27	0.35	ppb
Potassium	39-2	7961.96	7865.73	7921.44	7916.37	0.61	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	82-1	0.83	0.14	0.56	0.51	67.89	ppb
Selenium	77-2	14.83	14.32	15.71	14.95	4.72	ppb
Selenium	78-2	1.96	1.94	2.91	2.27	24.50	ppb
Silicon	28-1	805.02	864.76	834.82	834.87	3.58	ppb
Silver	107-1	0.06	0.06	0.07	0.07	3.69	ppb
Silver	109-1	0.07	0.07	0.06	0.07	2.20	ppb
Sodium	23-2	158.85	159.20	159.22	159.09	0.13	ppb
Strontium	86-1	1946.65	1970.70	2010.49	1975.95	1.63	ppb
Strontium	88-1	2003.63	2035.97	2061.52	2033.71	1.43	ppb
Sulfur	34-1	26.89	108.55	194.37	109.94	76.18	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.24	0.24	0.25	4.52	ppb
Thallium	205-1	0.25	0.24	0.25	0.25	0.75	ppb
Tin	118-1	0.03	0.04	0.03	0.03	22.23	ppb
Titanium	47-1	231.64	237.68	238.97	236.10	1.66	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-06	Instrumnet Name :	P7
Client Sample ID :	MYCZH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:04:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.96	0.96	0.95	1.86	ppb
Vanadium	51-2	84.52	84.55	84.33	84.47	0.14	ppb
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	377.15	382.00	378.21	379.12	0.67	ppb
Zirconium	90-1	2.76	2.82	2.90	2.83	2.43	ppb
Zirconium	91-1	2.76	2.82	2.97	2.85	3.78	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-07	Instrumnet Name :	P7
Client Sample ID :	MYCZH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:08:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28608.93	28938.46	29037.98	28861.79	0.78	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.43	ppb
Arsenic	75-2	48.10	47.78	47.84	47.91	0.36	ppb
Barium	135-1	476.01	484.91	476.39	479.10	1.05	ppb
Barium	137-1	470.75	481.89	470.04	474.23	1.40	ppb
Beryllium	9-1	1.67	1.80	1.64	1.70	5.00	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.97	1.79	1.92	1.89	4.86	ppb
Cadmium	106-1	3.49	3.19	2.27	2.99	21.25	ppb
Cadmium	111-1	1.87	1.94	1.76	1.86	5.12	ppb
Calcium	43-1	19174.51	19147.69	19280.48	19200.89	0.37	ppb
Calcium	44-1	18709.33	18787.36	18572.32	18689.67	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.13	44.69	44.87	44.90	0.49	ppb
Cobalt	59-2	30.49	30.59	30.32	30.47	0.45	ppb
Copper	63-2	102.10	102.14	102.37	102.20	0.14	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				109		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	53358.17	53127.52	53683.91	53389.87	0.52	ppb
Iron	57-2	52182.87	51554.48	52147.53	51961.63	0.68	ppb
Iron	54-2	53112.39	52639.03	53162.08	52971.17	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-07	Instrumnet Name :	P7
Client Sample ID :	MYCZH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:08:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	174.40	176.47	174.84	175.24	0.62	ppb
Lead	207-1	179.22	177.82	163.61	173.55	4.98	ppb
Lead	208-1	177.79	177.40	172.86	176.02	1.56	ppb
Lithium	6-1				116		%
Magnesium	24-2	11855.24	11869.20	11789.03	11837.82	0.36	ppb
Manganese	55-2	1487.39	1489.11	1480.58	1485.70	0.30	ppb
Molybdenum	94-1	2.24	2.24	2.27	2.25	0.78	ppb
Molybdenum	95-1	0.30	0.30	0.30	0.30	0.60	ppb
Molybdenum	96-1	0.85	0.85	0.87	0.86	1.07	ppb
Molybdenum	97-1	0.30	0.28	0.29	0.29	4.19	ppb
Molybdenum	98-1	0.29	0.27	0.29	0.28	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.65	42.81	42.67	42.71	0.21	ppb
Phosphorus	31-2	2364.11	2359.61	2313.98	2345.90	1.18	ppb
Potassium	39-2	8191.77	8194.60	8166.63	8184.34	0.19	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	0.69	0.84	0.68	0.74	12.22	ppb
Selenium	77-2	16.75	14.74	14.01	15.17	9.36	ppb
Selenium	78-2	2.66	2.26	2.01	2.31	14.13	ppb
Silicon	28-1	793.36	823.02	789.30	801.90	2.30	ppb
Silver	107-1	0.20	0.21	0.20	0.21	2.55	ppb
Silver	109-1	0.20	0.21	0.20	0.20	2.81	ppb
Sodium	23-2	132.12	131.59	130.80	131.50	0.51	ppb
Strontium	86-1	2175.51	2210.96	2226.46	2204.31	1.18	ppb
Strontium	88-1	2226.48	2235.46	2294.26	2252.07	1.63	ppb
Sulfur	34-1	219.29	302.71	298.25	273.41	17.16	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.26	0.25	0.25	3.79	ppb
Thallium	205-1	0.25	0.25	0.26	0.25	1.23	ppb
Tin	118-1	0.00	0.02	0.01	0.01	75.29	ppb
Titanium	47-1	157.27	158.54	156.58	157.46	0.63	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-07	Instrumnet Name :	P7
Client Sample ID :	MYCZH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:08:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.12	1.10	1.11	1.16	ppb
Vanadium	51-2	83.54	82.92	82.76	83.07	0.49	ppb
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	560.54	562.68	558.73	560.65	0.35	ppb
Zirconium	90-1	1.08	1.12	1.13	1.11	2.38	ppb
Zirconium	91-1	1.08	1.09	1.11	1.09	1.20	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-08	Instrumnet Name :	P7
Client Sample ID :	MYCZH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:11:06	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21109.98	21170.76	21185.98	21155.58	0.19	ppb
Antimony	121-1	0.28	0.30	0.32	0.30	5.21	ppb
Arsenic	75-2	213.81	214.78	216.63	215.07	0.67	ppb
Barium	135-1	243.77	255.00	247.88	248.88	2.28	ppb
Barium	137-1	256.68	266.77	257.14	260.20	2.19	ppb
Beryllium	9-1	1.15	1.25	1.21	1.20	4.39	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.37	3.45	3.61	3.48	3.60	ppb
Cadmium	106-1	5.44	5.05	5.62	5.37	5.43	ppb
Cadmium	111-1	3.09	3.24	3.16	3.16	2.40	ppb
Calcium	43-1	7176.21	7203.35	7286.69	7222.08	0.80	ppb
Calcium	44-1	6958.22	6928.36	7033.10	6973.23	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.50	32.50	32.24	32.41	0.47	ppb
Cobalt	59-2	21.55	21.53	21.69	21.59	0.39	ppb
Copper	63-2	126.63	127.17	127.43	127.08	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				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	49828.90	49965.01	49859.29	49884.40	0.14	ppb
Iron	57-2	48774.19	49177.05	48971.55	48974.26	0.41	ppb
Iron	54-2	49874.83	50538.13	49663.31	50025.42	0.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-08	Instrumnet Name :	P7
Client Sample ID :	MYCZH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:11:06	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	336.31	343.24	341.88	340.48	1.08	ppb
Lead	207-1	360.99	371.09	364.90	365.66	1.39	ppb
Lead	208-1	347.50	356.08	353.04	352.21	1.24	ppb
Lithium	6-1				114		%
Magnesium	24-2	8455.18	8434.28	8426.60	8438.69	0.18	ppb
Manganese	55-2	1040.42	1056.85	1042.06	1046.45	0.86	ppb
Molybdenum	94-1	16.95	17.29	17.26	17.17	1.12	ppb
Molybdenum	95-1	0.49	0.50	0.52	0.50	3.48	ppb
Molybdenum	96-1	2.52	2.59	2.58	2.56	1.36	ppb
Molybdenum	97-1	0.48	0.50	0.49	0.49	2.40	ppb
Molybdenum	98-1	0.46	0.47	0.47	0.47	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.56	28.89	28.71	28.72	0.58	ppb
Phosphorus	31-2	2366.67	2395.08	2381.78	2381.18	0.60	ppb
Potassium	39-2	4986.51	5045.13	5086.47	5039.37	1.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	1.48	0.91	1.54	1.31	26.26	ppb
Selenium	77-2	12.76	10.83	9.03	10.87	17.13	ppb
Selenium	78-2	1.68	2.19	1.34	1.74	24.74	ppb
Silicon	28-1	533.38	542.61	553.91	543.30	1.89	ppb
Silver	107-1	1.02	1.10	1.11	1.08	4.29	ppb
Silver	109-1	1.06	1.10	1.05	1.07	2.67	ppb
Sodium	23-2	66.66	66.81	67.62	67.03	0.77	ppb
Strontium	86-1	982.82	1000.77	1003.81	995.80	1.14	ppb
Strontium	88-1	1014.41	1025.54	1026.55	1022.17	0.66	ppb
Sulfur	34-1	-284.50	-280.09	-149.61	-238.06		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.25	0.25	0.25	0.64	ppb
Thallium	205-1	0.25	0.26	0.25	0.25	2.04	ppb
Tin	118-1	0.18	0.19	0.18	0.18	3.86	ppb
Titanium	47-1	288.53	292.09	299.09	293.24	1.83	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-08	Instrumnet Name :	P7
Client Sample ID :	MYCZH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:11:06	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.76	0.78	0.76	1.55	ppb
Vanadium	51-2	71.20	71.97	71.46	71.54	0.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	744.92	751.86	749.85	748.87	0.48	ppb
Zirconium	90-1	9.25	9.37	9.48	9.37	1.25	ppb
Zirconium	91-1	9.35	9.33	9.71	9.46	2.25	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-09	Instrumnet Name :	P7
Client Sample ID :	MYCZH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:14:10	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26573.15	26477.15	26523.91	26524.74	0.18	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	3.31	ppb
Arsenic	75-2	121.08	119.32	117.14	119.18	1.66	ppb
Barium	135-1	334.79	333.46	334.06	334.10	0.20	ppb
Barium	137-1	350.46	350.23	347.23	349.31	0.52	ppb
Beryllium	9-1	1.43	1.32	1.57	1.44	8.77	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.35	2.81	2.63	2.60	8.96	ppb
Cadmium	106-1	4.55	4.08	3.48	4.04	13.28	ppb
Cadmium	111-1	2.44	2.35	2.39	2.39	2.03	ppb
Calcium	43-1	9453.38	9598.49	9508.62	9520.17	0.77	ppb
Calcium	44-1	9176.34	9391.41	9172.04	9246.60	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.21	39.60	39.49	39.76	0.97	ppb
Cobalt	59-2	27.45	26.90	26.86	27.07	1.22	ppb
Copper	63-2	117.82	115.94	116.13	116.63	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				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	55338.07	54977.29	54926.81	55080.72	0.41	ppb
Iron	57-2	55500.40	54321.96	54065.04	54629.13	1.40	ppb
Iron	54-2	55919.08	55044.99	55058.59	55340.89	0.90	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-09	Instrumnet Name :	P7
Client Sample ID :	MYCZH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:14:10	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	155.33	159.31	158.97	157.87	1.40	ppb
Lead	207-1	153.26	154.99	155.67	154.64	0.81	ppb
Lead	208-1	159.23	159.18	160.82	159.74	0.58	ppb
Lithium	6-1				116		%
Magnesium	24-2	10763.14	10654.37	10689.91	10702.47	0.52	ppb
Manganese	55-2	1360.97	1360.60	1342.47	1354.68	0.78	ppb
Molybdenum	94-1	5.92	5.93	5.92	5.92	0.04	ppb
Molybdenum	95-1	0.33	0.30	0.31	0.31	3.37	ppb
Molybdenum	96-1	1.27	1.22	1.26	1.25	2.35	ppb
Molybdenum	97-1	0.31	0.30	0.30	0.30	1.69	ppb
Molybdenum	98-1	0.29	0.30	0.29	0.29	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.49	35.59	35.55	35.88	1.49	ppb
Phosphorus	31-2	2102.21	2075.50	2111.97	2096.56	0.90	ppb
Potassium	39-2	5095.25	4881.24	4919.32	4965.27	2.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	0.92	0.60	1.06	0.86	27.22	ppb
Selenium	77-2	14.29	11.62	11.64	12.51	12.27	ppb
Selenium	78-2	1.99	2.94	2.60	2.51	19.09	ppb
Silicon	28-1	615.11	610.62	613.42	613.05	0.37	ppb
Silver	107-1	0.42	0.42	0.43	0.42	1.08	ppb
Silver	109-1	0.43	0.43	0.43	0.43	0.96	ppb
Sodium	23-2	80.39	79.26	78.98	79.54	0.94	ppb
Strontium	86-1	1217.32	1215.15	1221.11	1217.86	0.25	ppb
Strontium	88-1	1248.62	1257.08	1250.76	1252.15	0.35	ppb
Sulfur	34-1	-518.03	-448.61	-424.78	-463.81		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.27	0.26	0.27	1.99	ppb
Thallium	205-1	0.26	0.27	0.26	0.26	3.26	ppb
Tin	118-1	0.06	0.08	0.05	0.06	25.75	ppb
Titanium	47-1	308.80	310.45	312.26	310.50	0.56	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-09	Instrumnet Name :	P7
Client Sample ID :	MYCZH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:14:10	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.96	0.96	0.95	1.46	ppb
Vanadium	51-2	83.42	82.34	82.28	82.68	0.78	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	535.39	530.70	526.10	530.73	0.87	ppb
Zirconium	90-1	3.14	3.07	3.13	3.11	1.09	ppb
Zirconium	91-1	3.24	3.18	3.23	3.22	1.04	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-10	Instrumnet Name :	P7
Client Sample ID :	MYCZH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:17:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24780.27	24732.90	24532.38	24681.85	0.53	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	9.99	ppb
Arsenic	75-2	69.61	70.10	71.16	70.29	1.13	ppb
Barium	135-1	330.11	337.36	336.52	334.66	1.18	ppb
Barium	137-1	349.81	351.83	356.09	352.58	0.91	ppb
Beryllium	9-1	1.27	1.44	1.26	1.32	7.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.81	1.94	1.86	1.87	3.45	ppb
Cadmium	106-1	3.10	2.48	2.88	2.82	11.24	ppb
Cadmium	111-1	1.65	1.59	1.69	1.64	2.98	ppb
Calcium	43-1	11440.57	11676.18	11692.21	11602.98	1.21	ppb
Calcium	44-1	11012.18	11281.08	11257.34	11183.53	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.69	36.03	35.84	35.85	0.48	ppb
Cobalt	59-2	25.62	25.32	25.68	25.54	0.74	ppb
Copper	63-2	77.51	77.09	77.54	77.38	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	46606.61	46353.01	46796.46	46585.36	0.48	ppb
Iron	57-2	45953.13	45714.10	45308.89	45658.71	0.71	ppb
Iron	54-2	46600.75	46819.35	46673.58	46697.89	0.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-10	Instrumnet Name :	P7
Client Sample ID :	MYCZH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:17:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.63	94.60	94.32	93.85	1.14	ppb
Lead	207-1	97.22	97.58	98.13	97.64	0.47	ppb
Lead	208-1	98.69	99.93	99.24	99.29	0.63	ppb
Lithium	6-1				116		%
Magnesium	24-2	11700.06	11726.78	11788.02	11738.29	0.38	ppb
Manganese	55-2	1382.94	1385.92	1382.75	1383.87	0.13	ppb
Molybdenum	94-1	3.45	3.56	3.47	3.49	1.78	ppb
Molybdenum	95-1	0.26	0.25	0.27	0.26	3.43	ppb
Molybdenum	96-1	0.89	0.95	0.89	0.91	3.76	ppb
Molybdenum	97-1	0.23	0.24	0.25	0.24	4.62	ppb
Molybdenum	98-1	0.24	0.23	0.24	0.24	3.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.15	40.02	40.10	40.09	0.16	ppb
Phosphorus	31-2	1976.19	1978.61	1975.94	1976.91	0.07	ppb
Potassium	39-2	5539.32	5572.23	5605.78	5572.45	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	0.25	0.26	0.43	0.31	31.46	ppb
Selenium	77-2	11.92	11.17	11.47	11.52	3.29	ppb
Selenium	78-2	2.67	1.32	1.92	1.97	34.16	ppb
Silicon	28-1	551.79	579.85	580.01	570.55	2.85	ppb
Silver	107-1	0.23	0.23	0.23	0.23	0.59	ppb
Silver	109-1	0.23	0.23	0.24	0.23	2.11	ppb
Sodium	23-2	71.97	71.45	72.45	71.96	0.70	ppb
Strontium	86-1	1731.37	1778.09	1788.87	1766.11	1.73	ppb
Strontium	88-1	1798.96	1807.60	1818.35	1808.30	0.54	ppb
Sulfur	34-1	519.95	662.00	693.85	625.27	14.81	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.22	0.21	0.23	0.22	3.86	ppb
Thallium	205-1	0.22	0.22	0.23	0.22	3.02	ppb
Tin	118-1	0.02	0.00	0.00	0.01	137.79	ppb
Titanium	47-1	117.77	121.41	119.86	119.68	1.52	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-10	Instrumnet Name :	P7
Client Sample ID :	MYCZH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:17:18	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.69	0.70	0.69	0.61	ppb
Vanadium	51-2	66.45	66.76	66.59	66.60	0.23	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	412.39	408.93	414.76	412.02	0.71	ppb
Zirconium	90-1	1.81	1.85	1.83	1.83	1.24	ppb
Zirconium	91-1	1.86	1.92	1.87	1.88	1.62	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-11	Instrumnet Name :	P7
Client Sample ID :	MYCZQ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:20:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44433.74	43879.36	44043.50	44118.86	0.65	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	14.76	ppb
Arsenic	75-2	25.35	26.43	26.66	26.15	2.66	ppb
Barium	135-1	77.94	88.49	81.91	82.78	6.44	ppb
Barium	137-1	78.05	88.32	82.02	82.80	6.25	ppb
Beryllium	9-1	0.43	0.49	0.46	0.46	5.96	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.39	0.23	0.30	0.31	26.88	ppb
Cadmium	106-1	1.22	1.30	1.28	1.27	3.15	ppb
Cadmium	111-1	0.33	0.39	0.36	0.36	9.18	ppb
Calcium	43-1	9532.25	10617.31	9949.03	10032.86	5.46	ppb
Calcium	44-1	9284.53	10187.01	9608.25	9693.26	4.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.95	122.23	122.63	122.27	0.28	ppb
Cobalt	59-2	64.35	64.47	64.36	64.39	0.11	ppb
Copper	63-2	242.83	239.16	241.24	241.08	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	101765.93	101341.31	100807.44	101304.89	0.47	ppb
Iron	57-2	99778.31	98559.76	99583.00	99307.03	0.66	ppb
Iron	54-2	101950.51	102035.16	101042.65	101676.11	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-11	Instrumnet Name :	P7
Client Sample ID :	MYCZQ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:20:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.30	7.07	6.49	6.62	6.10	ppb
Lead	207-1	6.16	6.80	6.27	6.41	5.32	ppb
Lead	208-1	6.24	6.87	6.32	6.48	5.35	ppb
Lithium	6-1				110		%
Magnesium	24-2	34955.72	34712.53	34800.95	34823.07	0.35	ppb
Manganese	55-2	1577.33	1576.46	1557.16	1570.32	0.73	ppb
Molybdenum	94-1	0.42	0.43	0.43	0.43	1.66	ppb
Molybdenum	95-1	0.15	0.17	0.17	0.16	8.73	ppb
Molybdenum	96-1	0.87	1.02	0.91	0.94	8.47	ppb
Molybdenum	97-1	0.16	0.19	0.16	0.17	12.06	ppb
Molybdenum	98-1	0.13	0.15	0.12	0.14	11.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.82	112.10	112.77	112.56	0.36	ppb
Phosphorus	31-2	1057.89	1067.24	1085.73	1070.29	1.32	ppb
Potassium	39-2	1198.37	1181.30	1197.33	1192.33	0.80	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	-0.18	-0.64	-0.18	-0.33		ppb
Selenium	77-2	3.98	5.23	5.31	4.84	15.45	ppb
Selenium	78-2	0.27	0.59	0.12	0.33	73.05	ppb
Silicon	28-1	284.24	349.49	296.52	310.08	11.18	ppb
Silver	107-1	0.04	0.05	0.05	0.05	4.97	ppb
Silver	109-1	0.05	0.05	0.04	0.05	3.92	ppb
Sodium	23-2	163.45	162.74	164.94	163.71	0.68	ppb
Strontium	86-1	1015.87	1126.60	1051.77	1064.75	5.31	ppb
Strontium	88-1	1037.11	1158.25	1093.39	1096.25	5.53	ppb
Sulfur	34-1	-955.97	-607.68	-755.85	-773.17		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.07	0.06	0.07	4.47	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	9.51	ppb
Tin	118-1	0.08	0.11	0.11	0.10	19.38	ppb
Titanium	47-1	308.99	343.26	320.01	324.09	5.40	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-11	Instrumnet Name :	P7
Client Sample ID :	MYCZQ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:20:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.24	0.22	0.22	6.07	ppb
Vanadium	51-2	253.80	254.57	255.63	254.67	0.36	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	148.52	149.11	148.88	148.84	0.20	ppb
Zirconium	90-1	0.11	0.13	0.12	0.12	7.75	ppb
Zirconium	91-1	0.12	0.12	0.14	0.13	9.27	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-12	Instrumnet Name :	P7
Client Sample ID :	MYCZR0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:23:33	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43315.57	43966.40	43330.93	43537.63	0.85	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	21.90	ppb
Arsenic	75-2	27.47	28.19	27.43	27.70	1.54	ppb
Barium	135-1	62.18	66.97	66.44	65.20	4.03	ppb
Barium	137-1	62.37	67.16	65.79	65.10	3.78	ppb
Beryllium	9-1	0.41	0.42	0.37	0.40	6.59	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.40	0.33	0.40	0.38	10.11	ppb
Cadmium	106-1	1.62	2.38	1.35	1.78	29.85	ppb
Cadmium	111-1	0.36	0.44	0.34	0.38	14.02	ppb
Calcium	43-1	8238.46	8834.90	8790.38	8621.24	3.85	ppb
Calcium	44-1	8020.68	8560.73	8544.56	8375.32	3.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.43	122.46	120.61	121.16	0.93	ppb
Cobalt	59-2	68.15	69.27	68.50	68.64	0.83	ppb
Copper	63-2	253.94	259.74	253.98	255.89	1.30	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				111		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	99565.94	100612.24	99013.47	99730.55	0.81	ppb
Iron	57-2	98115.69	98190.87	97909.28	98071.95	0.15	ppb
Iron	54-2	99728.85	100325.69	99433.92	99829.49	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-12	Instrumnet Name :	P7
Client Sample ID :	MYCZR0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:23:33	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.26	8.90	8.87	8.68	4.14	ppb
Lead	207-1	8.07	8.59	8.58	8.41	3.55	ppb
Lead	208-1	8.08	8.71	8.62	8.47	4.01	ppb
Lithium	6-1				115		%
Magnesium	24-2	34218.57	34774.22	34601.77	34531.52	0.82	ppb
Manganese	55-2	1543.27	1570.23	1545.63	1553.04	0.96	ppb
Molybdenum	94-1	0.40	0.42	0.43	0.42	3.52	ppb
Molybdenum	95-1	0.16	0.18	0.17	0.17	4.77	ppb
Molybdenum	96-1	0.91	0.94	0.91	0.92	2.45	ppb
Molybdenum	97-1	0.18	0.21	0.16	0.18	13.29	ppb
Molybdenum	98-1	0.15	0.19	0.16	0.17	12.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.41	111.66	110.58	110.88	0.61	ppb
Phosphorus	31-2	1044.79	1048.32	1015.83	1036.31	1.72	ppb
Potassium	39-2	2187.15	2273.01	2205.16	2221.77	2.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				116		%
Scandium	45-2				108		%
Selenium	82-1	-0.08	-0.17	-0.50	-0.25		ppb
Selenium	77-2	4.84	4.34	4.85	4.68	6.28	ppb
Selenium	78-2	-0.11	-0.15	0.50	0.08	459.92	ppb
Silicon	28-1	204.66	197.14	197.97	199.92	2.06	ppb
Silver	107-1	0.05	0.05	0.04	0.05	3.65	ppb
Silver	109-1	0.05	0.05	0.05	0.05	3.08	ppb
Sodium	23-2	158.53	160.31	158.68	159.17	0.62	ppb
Strontium	86-1	913.72	969.33	973.05	952.04	3.49	ppb
Strontium	88-1	934.01	1000.53	987.45	974.00	3.62	ppb
Sulfur	34-1	-951.65	-795.72	-742.39	-829.92		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.07	0.07	0.07	5.91	ppb
Thallium	205-1	0.06	0.07	0.07	0.06	6.46	ppb
Tin	118-1	0.20	0.20	0.17	0.19	9.43	ppb
Titanium	47-1	238.55	256.50	258.48	251.17	4.37	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-12	Instrumnet Name :	P7
Client Sample ID :	MYCZR0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:23:33	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.20	0.20	0.20	2.34	ppb
Vanadium	51-2	241.35	242.82	237.59	240.58	1.12	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	166.55	168.40	167.59	167.52	0.55	ppb
Zirconium	90-1	0.11	0.12	0.12	0.12	2.47	ppb
Zirconium	91-1	0.12	0.14	0.14	0.13	9.40	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-13	Instrumnet Name :	P7
Client Sample ID :	MYCZR1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:26:38	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34518.65	34229.26	34430.38	34392.76	0.43	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	22.20	ppb
Arsenic	75-2	25.46	26.59	26.34	26.13	2.27	ppb
Barium	135-1	191.42	194.84	195.02	193.76	1.05	ppb
Barium	137-1	191.55	195.60	193.84	193.67	1.05	ppb
Beryllium	9-1	0.73	0.75	0.71	0.73	3.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.57	0.71	0.44	0.57	23.05	ppb
Cadmium	106-1	2.35	1.98	1.39	1.90	25.40	ppb
Cadmium	111-1	0.54	0.52	0.45	0.50	9.58	ppb
Calcium	43-1	11206.98	11361.26	11373.30	11313.85	0.82	ppb
Calcium	44-1	10899.49	11064.06	10888.75	10950.77	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.70	78.55	78.30	78.52	0.26	ppb
Cobalt	59-2	48.20	48.15	48.20	48.18	0.06	ppb
Copper	63-2	158.76	158.18	158.83	158.59	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	75447.27	74584.44	75287.64	75106.45	0.61	ppb
Iron	57-2	74588.42	74019.11	73383.75	73997.09	0.81	ppb
Iron	54-2	75970.43	74969.21	74793.49	75244.37	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-13	Instrumnet Name :	P7
Client Sample ID :	MYCZR1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:26:38	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.13	16.41	16.15	16.23	0.96	ppb
Lead	207-1	15.38	15.39	15.30	15.36	0.33	ppb
Lead	208-1	15.59	15.63	15.59	15.61	0.16	ppb
Lithium	6-1				117		%
Magnesium	24-2	24375.50	24213.64	24237.74	24275.63	0.36	ppb
Manganese	55-2	1579.77	1534.65	1539.88	1551.43	1.59	ppb
Molybdenum	94-1	1.42	1.46	1.49	1.46	2.32	ppb
Molybdenum	95-1	0.27	0.27	0.28	0.27	1.40	ppb
Molybdenum	96-1	0.92	0.93	0.89	0.91	2.53	ppb
Molybdenum	97-1	0.25	0.27	0.26	0.26	3.69	ppb
Molybdenum	98-1	0.25	0.24	0.26	0.25	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.15	77.51	77.15	76.94	0.92	ppb
Phosphorus	31-2	1570.30	1614.70	1610.16	1598.39	1.53	ppb
Potassium	39-2	4684.68	4698.25	4695.70	4692.88	0.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	-0.11	0.05	-0.43	-0.16		ppb
Selenium	77-2	6.58	9.06	7.36	7.67	16.56	ppb
Selenium	78-2	1.66	0.32	0.38	0.78	96.34	ppb
Silicon	28-1	490.62	524.94	470.42	495.33	5.56	ppb
Silver	107-1	0.07	0.06	0.07	0.07	8.70	ppb
Silver	109-1	0.06	0.06	0.06	0.06	0.97	ppb
Sodium	23-2	194.01	192.85	193.21	193.36	0.31	ppb
Strontium	86-1	1237.65	1242.84	1246.47	1242.32	0.36	ppb
Strontium	88-1	1266.27	1274.66	1274.85	1271.93	0.39	ppb
Sulfur	34-1	-538.94	-425.57	-422.73	-462.41		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.12	0.12	0.12	2.64	ppb
Thallium	205-1	0.12	0.12	0.12	0.12	1.02	ppb
Tin	118-1	0.03	0.08	0.03	0.05	59.60	ppb
Titanium	47-1	225.90	226.17	227.96	226.68	0.49	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-13	Instrumnet Name :	P7
Client Sample ID :	MYCZR1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:26:38	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.41	0.40	0.40	0.40	1.48	ppb
Vanadium	51-2	158.52	158.34	158.36	158.41	0.06	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	154.38	154.43	156.15	154.98	0.65	ppb
Zirconium	90-1	0.68	0.68	0.68	0.68	0.21	ppb
Zirconium	91-1	0.70	0.69	0.70	0.70	0.79	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-14	Instrumnet Name :	P7
Client Sample ID :	MYCZR2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:29:47	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28053.75	27622.15	28378.70	28018.20	1.35	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.34	ppb
Arsenic	75-2	20.00	19.65	20.09	19.91	1.16	ppb
Barium	135-1	300.70	309.61	308.12	306.14	1.56	ppb
Barium	137-1	322.62	326.19	315.83	321.55	1.64	ppb
Beryllium	9-1	1.29	1.28	1.31	1.29	1.04	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.66	0.73	0.78	0.72	8.11	ppb
Cadmium	106-1	2.01	2.58	1.52	2.04	25.97	ppb
Cadmium	111-1	0.80	0.82	0.75	0.79	4.69	ppb
Calcium	43-1	14216.88	14048.78	14079.87	14115.18	0.63	ppb
Calcium	44-1	13800.41	13533.96	13621.84	13652.07	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.48	28.57	28.57	28.54	0.19	ppb
Cobalt	59-2	31.21	31.00	31.40	31.20	0.65	ppb
Copper	63-2	92.09	91.20	91.82	91.70	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				107		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	53497.38	53187.58	53424.55	53369.83	0.30	ppb
Iron	57-2	51981.46	52009.96	52060.58	52017.33	0.08	ppb
Iron	54-2	53745.36	53025.09	52982.30	53250.92	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-14	Instrumnet Name :	P7
Client Sample ID :	MYCZR2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:29:47	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.53	30.82	30.74	30.70	0.50	ppb
Lead	207-1	29.95	30.19	30.54	30.23	0.98	ppb
Lead	208-1	29.93	30.34	30.32	30.20	0.76	ppb
Lithium	6-1				116		%
Magnesium	24-2	14034.97	13903.27	14154.59	14030.95	0.90	ppb
Manganese	55-2	1710.81	1699.10	1703.95	1704.62	0.35	ppb
Molybdenum	94-1	1.13	1.17	1.15	1.15	1.87	ppb
Molybdenum	95-1	0.15	0.15	0.14	0.15	4.45	ppb
Molybdenum	96-1	0.62	0.60	0.60	0.61	1.91	ppb
Molybdenum	97-1	0.13	0.15	0.14	0.14	6.03	ppb
Molybdenum	98-1	0.14	0.14	0.14	0.14	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.30	34.27	34.73	34.43	0.74	ppb
Phosphorus	31-2	1610.26	1592.62	1615.98	1606.29	0.76	ppb
Potassium	39-2	5743.30	5751.32	5761.55	5752.06	0.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	0.11	0.10	-0.41	-0.07		ppb
Selenium	77-2	11.87	11.37	10.89	11.38	4.32	ppb
Selenium	78-2	1.09	0.75	2.35	1.39	60.32	ppb
Silicon	28-1	527.58	527.95	529.11	528.21	0.15	ppb
Silver	107-1	0.11	0.11	0.10	0.11	7.64	ppb
Silver	109-1	0.10	0.11	0.11	0.11	4.14	ppb
Sodium	23-2	182.25	179.77	181.89	181.30	0.74	ppb
Strontium	86-1	1195.47	1225.95	1213.08	1211.50	1.26	ppb
Strontium	88-1	1229.60	1250.96	1237.49	1239.35	0.87	ppb
Sulfur	34-1	-544.27	-476.97	-429.79	-483.68		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.21	0.22	0.21	0.21	3.12	ppb
Thallium	205-1	0.20	0.21	0.21	0.21	1.74	ppb
Tin	118-1	0.01	0.01	0.01	0.01	44.97	ppb
Titanium	47-1	115.06	115.36	114.14	114.85	0.55	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-14	Instrumnet Name :	P7
Client Sample ID :	MYCZR2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:29:47	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.70	0.69	0.68	2.33	ppb
Vanadium	51-2	66.48	65.93	66.73	66.38	0.62	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	173.86	171.67	174.61	173.38	0.88	ppb
Zirconium	90-1	0.54	0.58	0.57	0.56	3.09	ppb
Zirconium	91-1	0.56	0.60	0.59	0.58	3.49	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-15	Instrumnet Name :	P7
Client Sample ID :	MYCZR3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:32:54	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34702.44	34317.05	34477.76	34499.08	0.56	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	30.44	ppb
Arsenic	75-2	19.34	19.18	19.61	19.38	1.11	ppb
Barium	135-1	360.00	361.86	360.63	360.83	0.26	ppb
Barium	137-1	376.04	379.77	377.84	377.89	0.49	ppb
Beryllium	9-1	1.53	1.61	1.53	1.56	2.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.66	0.85	0.74	13.29	ppb
Cadmium	106-1	3.11	1.96	2.34	2.47	23.54	ppb
Cadmium	111-1	0.64	0.57	0.57	0.59	6.70	ppb
Calcium	43-1	15370.91	15949.13	15861.60	15727.21	1.98	ppb
Calcium	44-1	15041.58	15461.07	15189.81	15230.82	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.55	37.49	38.08	37.71	0.86	ppb
Cobalt	59-2	33.83	33.58	33.58	33.66	0.43	ppb
Copper	63-2	83.09	82.41	82.81	82.77	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	61489.91	61546.59	61745.91	61594.14	0.22	ppb
Iron	57-2	61284.54	60656.36	60648.62	60863.17	0.60	ppb
Iron	54-2	61661.33	61741.76	61812.40	61738.50	0.12	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-15	Instrumnet Name :	P7
Client Sample ID :	MYCZR3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:32:54	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.21	22.35	22.13	22.23	0.50	ppb
Lead	207-1	21.01	21.35	21.03	21.13	0.91	ppb
Lead	208-1	21.52	21.73	21.52	21.59	0.57	ppb
Lithium	6-1				116		%
Magnesium	24-2	15863.77	15643.83	15815.33	15774.31	0.73	ppb
Manganese	55-2	1801.44	1821.51	1819.51	1814.15	0.61	ppb
Molybdenum	94-1	6.58	6.85	6.91	6.78	2.59	ppb
Molybdenum	95-1	0.20	0.20	0.24	0.22	11.78	ppb
Molybdenum	96-1	1.21	1.32	1.31	1.28	4.58	ppb
Molybdenum	97-1	0.19	0.18	0.18	0.18	0.43	ppb
Molybdenum	98-1	0.18	0.19	0.17	0.18	5.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.90	39.81	39.75	39.82	0.19	ppb
Phosphorus	31-2	1743.00	1715.63	1736.31	1731.65	0.82	ppb
Potassium	39-2	7012.17	6958.60	7030.58	7000.45	0.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	-0.17	0.04	0.11	-0.01		ppb
Selenium	77-2	8.69	13.41	11.32	11.14	21.24	ppb
Selenium	78-2	1.26	1.85	1.20	1.43	25.13	ppb
Silicon	28-1	418.38	425.74	422.52	422.21	0.87	ppb
Silver	107-1	0.09	0.10	0.10	0.10	5.56	ppb
Silver	109-1	0.10	0.11	0.10	0.11	5.66	ppb
Sodium	23-2	112.62	112.11	110.20	111.65	1.14	ppb
Strontium	86-1	1552.16	1591.04	1592.65	1578.62	1.45	ppb
Strontium	88-1	1619.40	1634.42	1624.42	1626.08	0.47	ppb
Sulfur	34-1	-543.98	-517.15	-470.40	-510.51		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.25	0.25	0.26	0.25	1.96	ppb
Thallium	205-1	0.25	0.25	0.24	0.25	1.86	ppb
Tin	118-1	0.03	0.04	0.04	0.04	18.50	ppb
Titanium	47-1	204.53	208.91	208.58	207.34	1.18	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-15	Instrumnet Name :	P7
Client Sample ID :	MYCZR3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:32:54	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.90	0.90	0.90	0.44	ppb
Vanadium	51-2	84.79	85.01	84.61	84.80	0.23	ppb
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	173.06	172.59	172.11	172.59	0.27	ppb
Zirconium	90-1	3.54	3.70	3.70	3.65	2.39	ppb
Zirconium	91-1	3.69	3.76	3.84	3.76	1.98	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-16	Instrumnet Name :	P7
Client Sample ID :	MYCZR4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:36:03	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37099.75	37343.38	37026.68	37156.60	0.45	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	3.07	ppb
Arsenic	75-2	28.05	26.88	27.27	27.40	2.19	ppb
Barium	135-1	355.09	381.83	391.44	376.12	5.01	ppb
Barium	137-1	370.80	395.93	409.45	392.06	5.00	ppb
Beryllium	9-1	1.41	1.60	1.53	1.52	6.30	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.11	1.03	1.05	4.75	ppb
Cadmium	106-1	2.59	2.54	2.44	2.52	3.11	ppb
Cadmium	111-1	0.81	0.88	0.82	0.84	4.07	ppb
Calcium	43-1	16064.45	17325.50	17721.14	17037.03	5.08	ppb
Calcium	44-1	15824.69	16967.59	17086.29	16626.19	4.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.01	36.07	35.97	36.02	0.15	ppb
Cobalt	59-2	38.69	39.16	39.17	39.01	0.71	ppb
Copper	63-2	121.34	121.10	120.90	121.11	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	70241.48	71407.44	70543.00	70730.64	0.86	ppb
Iron	57-2	68878.80	69840.64	69581.18	69433.54	0.72	ppb
Iron	54-2	70892.54	71053.14	71281.07	71075.59	0.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-16	Instrumnet Name :	P7
Client Sample ID :	MYCZR4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:36:03	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.17	36.41	37.09	35.89	4.25	ppb
Lead	207-1	33.07	35.28	36.06	34.80	4.46	ppb
Lead	208-1	33.31	35.38	36.30	35.00	4.38	ppb
Lithium	6-1				120		%
Magnesium	24-2	18304.05	18560.83	18477.74	18447.54	0.71	ppb
Manganese	55-2	2093.59	2099.44	2113.32	2102.12	0.48	ppb
Molybdenum	94-1	7.51	8.03	8.37	7.97	5.42	ppb
Molybdenum	95-1	0.23	0.25	0.24	0.24	3.61	ppb
Molybdenum	96-1	1.37	1.45	1.54	1.45	5.77	ppb
Molybdenum	97-1	0.23	0.24	0.23	0.23	2.21	ppb
Molybdenum	98-1	0.20	0.22	0.23	0.22	5.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.18	40.12	40.26	39.85	1.48	ppb
Phosphorus	31-2	2194.70	2183.73	2164.14	2180.86	0.71	ppb
Potassium	39-2	7543.96	7611.59	7561.19	7572.25	0.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	0.00	0.13	-0.11	0.01	1973.65	ppb
Selenium	77-2	12.60	12.88	13.32	12.93	2.80	ppb
Selenium	78-2	1.00	0.90	1.35	1.08	21.64	ppb
Silicon	28-1	489.61	531.00	547.48	522.70	5.71	ppb
Silver	107-1	0.16	0.17	0.19	0.17	8.23	ppb
Silver	109-1	0.16	0.17	0.18	0.17	6.41	ppb
Sodium	23-2	136.03	133.28	133.84	134.38	1.08	ppb
Strontium	86-1	1587.94	1714.69	1752.30	1684.98	5.11	ppb
Strontium	88-1	1634.99	1746.16	1809.66	1730.27	5.11	ppb
Sulfur	34-1	-852.06	-658.33	-569.53	-693.31		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.28	0.29	0.27	6.56	ppb
Thallium	205-1	0.26	0.28	0.28	0.27	3.57	ppb
Tin	118-1	0.03	0.04	0.05	0.04	26.58	ppb
Titanium	47-1	309.50	331.61	339.28	326.80	4.73	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-16	Instrumnet Name :	P7
Client Sample ID :	MYCZR4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:36:03	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.83	0.87	0.82	6.31	ppb
Vanadium	51-2	99.93	99.91	99.55	99.80	0.21	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%
Zinc	66-2	186.46	187.60	187.93	187.33	0.41	ppb
Zirconium	90-1	4.08	4.37	4.47	4.31	4.68	ppb
Zirconium	91-1	4.12	4.48	4.52	4.37	5.13	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-17	Instrumnet Name :	P7
Client Sample ID :	MYCZR5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:39:10	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35215.92	35189.96	35367.29	35257.73	0.27	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	2.86	ppb
Arsenic	75-2	24.32	24.61	24.42	24.45	0.61	ppb
Barium	135-1	382.57	385.52	379.03	382.37	0.85	ppb
Barium	137-1	404.05	404.42	401.96	403.48	0.33	ppb
Beryllium	9-1	1.46	1.46	1.44	1.45	1.02	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.00	0.88	0.96	0.94	6.53	ppb
Cadmium	106-1	2.00	1.77	1.42	1.73	16.74	ppb
Cadmium	111-1	0.91	0.89	0.87	0.89	2.31	ppb
Calcium	43-1	19777.87	19694.95	19634.63	19702.48	0.37	ppb
Calcium	44-1	19110.20	19281.10	19131.44	19174.25	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.70	36.82	36.86	36.79	0.23	ppb
Cobalt	59-2	37.88	37.75	38.18	37.94	0.59	ppb
Copper	63-2	99.38	99.64	100.82	99.95	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				106		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	64220.37	63764.01	63849.53	63944.64	0.38	ppb
Iron	57-2	62983.24	63504.47	63026.19	63171.30	0.46	ppb
Iron	54-2	64786.37	63838.84	63614.53	64079.91	0.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-17	Instrumnet Name :	P7
Client Sample ID :	MYCZR5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:39:10	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.91	41.07	41.30	41.09	0.47	ppb
Lead	207-1	40.25	40.16	40.61	40.34	0.60	ppb
Lead	208-1	40.15	40.36	40.69	40.40	0.67	ppb
Lithium	6-1				116		%
Magnesium	24-2	18263.16	18325.72	18441.07	18343.32	0.49	ppb
Manganese	55-2	2068.24	2046.23	2040.11	2051.53	0.72	ppb
Molybdenum	94-1	1.52	1.50	1.62	1.55	4.23	ppb
Molybdenum	95-1	0.19	0.20	0.19	0.19	2.68	ppb
Molybdenum	96-1	0.72	0.71	0.69	0.71	2.25	ppb
Molybdenum	97-1	0.18	0.17	0.18	0.18	2.82	ppb
Molybdenum	98-1	0.16	0.16	0.15	0.15	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.99	40.96	41.33	41.10	0.50	ppb
Phosphorus	31-2	2136.97	2109.48	2127.73	2124.73	0.66	ppb
Potassium	39-2	8994.79	9064.83	9028.95	9029.52	0.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	0.29	-0.37	0.08	0.00	27209.50	ppb
Selenium	77-2	11.98	13.27	12.36	12.54	5.27	ppb
Selenium	78-2	2.57	0.54	1.83	1.65	62.27	ppb
Silicon	28-1	618.13	617.65	616.90	617.56	0.10	ppb
Silver	107-1	0.09	0.10	0.10	0.10	3.37	ppb
Silver	109-1	0.11	0.11	0.10	0.10	1.27	ppb
Sodium	23-2	113.15	111.17	113.32	112.55	1.06	ppb
Strontium	86-1	1747.38	1732.75	1722.86	1734.33	0.71	ppb
Strontium	88-1	1798.90	1789.73	1810.02	1799.55	0.56	ppb
Sulfur	34-1	-531.08	-509.47	-478.96	-506.50		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.25	0.24	0.25	0.25	2.03	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	1.29	ppb
Tin	118-1	0.07	0.05	0.08	0.07	21.86	ppb
Titanium	47-1	133.34	130.78	131.28	131.80	1.03	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-17	Instrumnet Name :	P7
Client Sample ID :	MYCZR5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:39:10	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.82	0.78	0.80	2.21	ppb
Vanadium	51-2	84.16	84.11	84.47	84.24	0.23	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	213.39	214.38	213.84	213.87	0.23	ppb
Zirconium	90-1	0.77	0.74	0.75	0.75	1.47	ppb
Zirconium	91-1	0.78	0.79	0.75	0.77	2.81	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-18	Instrumnet Name :	P7
Client Sample ID :	MYCZR6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:42:19	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32722.33	32667.12	32362.05	32583.84	0.60	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	4.04	ppb
Arsenic	75-2	21.33	21.78	21.11	21.41	1.58	ppb
Barium	135-1	369.47	373.37	376.13	372.99	0.90	ppb
Barium	137-1	388.10	392.42	393.20	391.24	0.70	ppb
Beryllium	9-1	1.33	1.39	1.46	1.39	4.60	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.72	0.43	0.67	0.61	26.06	ppb
Cadmium	106-1	1.68	0.88	1.20	1.26	32.20	ppb
Cadmium	111-1	0.62	0.60	0.60	0.61	2.52	ppb
Calcium	43-1	16384.02	16703.81	16478.64	16522.16	0.99	ppb
Calcium	44-1	16137.54	15918.98	16070.30	16042.27	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.82	32.07	31.85	31.91	0.42	ppb
Cobalt	59-2	36.06	36.02	35.64	35.91	0.65	ppb
Copper	63-2	82.27	82.26	82.21	82.25	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				107		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	61483.90	61631.93	60886.55	61334.13	0.64	ppb
Iron	57-2	60721.86	59772.64	60339.33	60277.94	0.79	ppb
Iron	54-2	61367.25	61488.22	61311.86	61389.11	0.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-18	Instrumnet Name :	P7
Client Sample ID :	MYCZR6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:42:19	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.00	29.50	29.09	29.20	0.93	ppb
Lead	207-1	27.91	28.05	27.99	27.98	0.25	ppb
Lead	208-1	28.22	28.39	28.36	28.32	0.32	ppb
Lithium	6-1				116		%
Magnesium	24-2	16941.72	16928.35	16733.39	16867.82	0.69	ppb
Manganese	55-2	2132.88	2149.56	2116.60	2133.01	0.77	ppb
Molybdenum	94-1	2.69	2.67	2.76	2.71	1.75	ppb
Molybdenum	95-1	0.27	0.27	0.27	0.27	0.63	ppb
Molybdenum	96-1	0.90	0.90	0.85	0.88	3.05	ppb
Molybdenum	97-1	0.27	0.28	0.26	0.27	2.92	ppb
Molybdenum	98-1	0.23	0.24	0.24	0.24	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.08	35.66	35.99	35.91	0.61	ppb
Phosphorus	31-2	1871.84	1923.69	1856.91	1884.15	1.86	ppb
Potassium	39-2	6154.09	6181.49	6102.03	6145.87	0.66	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	0.18	0.45	0.07	0.23	82.93	ppb
Selenium	77-2	9.51	10.11	11.84	10.49	11.58	ppb
Selenium	78-2	1.09	2.23	1.40	1.57	37.27	ppb
Silicon	28-1	534.16	535.90	541.00	537.02	0.66	ppb
Silver	107-1	0.08	0.09	0.08	0.08	3.97	ppb
Silver	109-1	0.08	0.09	0.08	0.09	6.31	ppb
Sodium	23-2	112.04	114.81	113.14	113.33	1.23	ppb
Strontium	86-1	1527.25	1553.32	1541.92	1540.83	0.85	ppb
Strontium	88-1	1598.41	1603.17	1566.17	1589.25	1.27	ppb
Sulfur	34-1	-688.77	-606.80	-573.82	-623.13		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.22	0.23	0.22	3.92	ppb
Thallium	205-1	0.22	0.22	0.23	0.22	2.43	ppb
Tin	118-1	0.02	0.01	0.03	0.02	39.18	ppb
Titanium	47-1	166.15	168.01	168.17	167.44	0.67	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-18	Instrumnet Name :	P7
Client Sample ID :	MYCZR6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:42:19	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.71	0.73	0.72	1.04	ppb
Vanadium	51-2	83.95	84.08	83.89	83.97	0.12	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	171.38	172.67	171.41	171.82	0.43	ppb
Zirconium	90-1	1.34	1.37	1.34	1.35	1.52	ppb
Zirconium	91-1	1.29	1.34	1.37	1.33	2.95	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-19	Instrumnet Name :	P7
Client Sample ID :	MYCZR7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:45:27	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36601.86	36819.77	36135.20	36518.94	0.96	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	21.40	ppb
Arsenic	75-2	22.21	21.83	22.35	22.13	1.20	ppb
Barium	135-1	358.23	375.93	379.84	371.33	3.10	ppb
Barium	137-1	377.29	392.56	398.38	389.41	2.80	ppb
Beryllium	9-1	1.34	1.50	1.52	1.45	6.52	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.71	0.82	0.78	0.77	7.37	ppb
Cadmium	106-1	2.52	1.68	0.89	1.70	47.83	ppb
Cadmium	111-1	0.70	0.60	0.62	0.64	8.70	ppb
Calcium	43-1	16861.81	17598.32	17633.59	17364.57	2.51	ppb
Calcium	44-1	16258.10	17094.53	17275.58	16876.07	3.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.76	34.31	34.68	34.58	0.70	ppb
Cobalt	59-2	38.50	38.35	38.44	38.43	0.19	ppb
Copper	63-2	91.71	90.77	91.20	91.23	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				106		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	69502.12	68755.36	68225.28	68827.59	0.93	ppb
Iron	57-2	67844.97	68119.50	67537.29	67833.92	0.43	ppb
Iron	54-2	69664.46	68293.87	68510.19	68822.84	1.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-19	Instrumnet Name :	P7
Client Sample ID :	MYCZR7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:45:27	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.19	29.82	30.37	29.46	3.84	ppb
Lead	207-1	27.18	28.92	28.93	28.34	3.56	ppb
Lead	208-1	27.53	29.25	29.41	28.73	3.62	ppb
Lithium	6-1				121		%
Magnesium	24-2	18560.97	18439.18	18512.63	18504.26	0.33	ppb
Manganese	55-2	2148.70	2155.22	2148.71	2150.88	0.17	ppb
Molybdenum	94-1	3.44	3.73	3.73	3.63	4.65	ppb
Molybdenum	95-1	0.17	0.16	0.18	0.17	5.68	ppb
Molybdenum	96-1	0.92	0.97	1.00	0.96	4.46	ppb
Molybdenum	97-1	0.15	0.16	0.14	0.15	6.21	ppb
Molybdenum	98-1	0.14	0.15	0.14	0.14	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.80	39.28	39.24	39.11	0.67	ppb
Phosphorus	31-2	2144.84	2143.79	2132.18	2140.27	0.33	ppb
Potassium	39-2	6734.23	6735.78	6721.98	6730.66	0.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	0.27	0.19	0.45	0.30	42.95	ppb
Selenium	77-2	12.26	14.46	11.33	12.68	12.68	ppb
Selenium	78-2	0.86	2.49	1.54	1.63	50.09	ppb
Silicon	28-1	521.54	549.91	550.02	540.49	3.04	ppb
Silver	107-1	0.09	0.08	0.09	0.09	1.73	ppb
Silver	109-1	0.09	0.09	0.09	0.09	1.29	ppb
Sodium	23-2	130.22	128.04	129.90	129.39	0.91	ppb
Strontium	86-1	1576.91	1671.32	1684.82	1644.35	3.58	ppb
Strontium	88-1	1612.51	1712.42	1760.87	1695.26	4.46	ppb
Sulfur	34-1	-835.64	-657.80	-675.89	-723.11		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.22	0.23	0.25	0.23	6.29	ppb
Thallium	205-1	0.23	0.25	0.24	0.24	4.65	ppb
Tin	118-1	0.02	0.02	0.03	0.02	8.90	ppb
Titanium	47-1	123.58	130.85	131.64	128.69	3.45	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-19	Instrumnet Name :	P7
Client Sample ID :	MYCZR7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:45:27	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.78	0.79	0.77	4.32	ppb
Vanadium	51-2	92.27	91.24	91.67	91.72	0.56	ppb
Yttrium	89-1				116		%
Yttrium	89-2				109		%
Zinc	66-2	189.39	187.07	186.48	187.65	0.82	ppb
Zirconium	90-1	1.86	1.97	1.98	1.94	3.42	ppb
Zirconium	91-1	1.92	2.00	2.04	1.98	3.02	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-01	Instrumnet Name :	P7
Client Sample ID :	MYCZH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:48:37	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24390.96	24683.53	24675.15	24583.21	0.68	ppb
Antimony	121-1	0.09	0.09	0.08	0.08	4.67	ppb
Arsenic	75-2	91.71	92.00	91.08	91.60	0.51	ppb
Barium	135-1	316.23	317.84	316.92	317.00	0.25	ppb
Barium	137-1	337.18	336.71	330.58	334.83	1.10	ppb
Beryllium	9-1	1.43	1.50	1.50	1.48	2.85	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.37	2.25	2.43	2.35	4.03	ppb
Cadmium	106-1	4.59	3.80	3.84	4.08	10.98	ppb
Cadmium	111-1	2.02	1.86	1.96	1.95	4.12	ppb
Calcium	43-1	11575.92	11596.31	11635.38	11602.54	0.26	ppb
Calcium	44-1	11159.32	11159.82	11207.02	11175.39	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.23	38.46	38.23	38.31	0.34	ppb
Cobalt	59-2	28.10	28.28	28.41	28.26	0.54	ppb
Copper	63-2	102.38	103.80	102.91	103.03	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				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	51940.92	52670.48	52081.26	52230.89	0.74	ppb
Iron	57-2	51725.26	52102.68	51433.85	51753.93	0.65	ppb
Iron	54-2	51796.97	52773.83	52325.52	52298.77	0.93	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-01	Instrumnet Name :	P7
Client Sample ID :	MYCZH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:48:37	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	125.13	127.11	127.75	126.67	1.08	ppb
Lead	207-1	128.82	130.60	131.77	130.40	1.14	ppb
Lead	208-1	133.03	135.42	134.74	134.40	0.92	ppb
Lithium	6-1				118		%
Magnesium	24-2	10231.78	10178.72	10162.91	10191.14	0.35	ppb
Manganese	55-2	1525.69	1543.60	1533.33	1534.21	0.59	ppb
Molybdenum	94-1	18.01	17.94	17.78	17.91	0.66	ppb
Molybdenum	95-1	0.32	0.30	0.30	0.31	3.31	ppb
Molybdenum	96-1	2.49	2.49	2.51	2.50	0.51	ppb
Molybdenum	97-1	0.32	0.32	0.31	0.32	2.41	ppb
Molybdenum	98-1	0.31	0.31	0.29	0.30	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.98	38.33	38.23	38.18	0.47	ppb
Phosphorus	31-2	2141.08	2148.50	2206.03	2165.20	1.64	ppb
Potassium	39-2	5148.37	5222.05	5255.29	5208.57	1.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	0.59	0.65	0.39	0.54	25.44	ppb
Selenium	77-2	15.89	11.65	14.16	13.90	15.33	ppb
Selenium	78-2	2.28	1.64	2.70	2.21	24.33	ppb
Silicon	28-1	634.65	638.59	628.68	633.97	0.79	ppb
Silver	107-1	0.41	0.39	0.42	0.41	3.69	ppb
Silver	109-1	0.41	0.42	0.41	0.41	1.22	ppb
Sodium	23-2	292.16	295.20	292.02	293.13	0.61	ppb
Strontium	86-1	1349.85	1338.00	1345.99	1344.62	0.45	ppb
Strontium	88-1	1393.75	1355.87	1397.93	1382.52	1.68	ppb
Sulfur	34-1	388.96	430.17	489.88	436.33	11.63	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.48	0.49	0.50	0.49	2.23	ppb
Thallium	205-1	0.49	0.51	0.49	0.50	2.15	ppb
Tin	118-1	0.12	0.12	0.12	0.12	1.54	ppb
Titanium	47-1	130.11	130.70	131.92	130.91	0.70	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-01	Instrumnet Name :	P7
Client Sample ID :	MYCZH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:48:37	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.96	0.97	0.96	0.65	ppb
Vanadium	51-2	83.91	84.18	83.64	83.91	0.33	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	446.25	454.29	450.03	450.19	0.89	ppb
Zirconium	90-1	9.69	9.68	9.62	9.66	0.38	ppb
Zirconium	91-1	9.88	9.82	9.86	9.85	0.30	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-02	Instrumnet Name :	P7
Client Sample ID :	MYCZJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:51:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26105.88	26313.06	26112.09	26177.01	0.45	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	13.17	ppb
Arsenic	75-2	34.87	34.61	34.77	34.75	0.38	ppb
Barium	135-1	284.98	288.17	286.83	286.66	0.56	ppb
Barium	137-1	304.01	302.86	298.77	301.88	0.91	ppb
Beryllium	9-1	1.31	1.38	1.41	1.37	3.59	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.17	1.32	1.41	1.30	9.40	ppb
Cadmium	106-1	2.24	2.89	2.62	2.59	12.57	ppb
Cadmium	111-1	0.58	0.57	0.61	0.59	3.16	ppb
Calcium	43-1	9352.41	9300.98	9477.72	9377.04	0.97	ppb
Calcium	44-1	9086.50	9118.11	9328.83	9177.81	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.08	43.01	43.37	43.15	0.44	ppb
Cobalt	59-2	27.83	27.82	28.07	27.91	0.50	ppb
Copper	63-2	56.13	56.53	56.99	56.55	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	54159.52	54807.64	54044.78	54337.32	0.76	ppb
Iron	57-2	53850.60	53185.02	53571.27	53535.63	0.62	ppb
Iron	54-2	54145.38	54516.80	54207.93	54290.04	0.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-02	Instrumnet Name :	P7
Client Sample ID :	MYCZJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:51:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	32.35	32.89	32.09	32.44	1.25	ppb
Lead	207-1	31.99	32.31	31.91	32.07	0.66	ppb
Lead	208-1	31.98	32.22	31.83	32.01	0.62	ppb
Lithium	6-1				118		%
Magnesium	24-2	10355.27	10410.54	10346.24	10370.68	0.34	ppb
Manganese	55-2	1614.03	1632.68	1619.65	1622.12	0.59	ppb
Molybdenum	94-1	15.50	15.62	15.78	15.63	0.91	ppb
Molybdenum	95-1	0.29	0.27	0.29	0.29	3.94	ppb
Molybdenum	96-1	2.30	2.24	2.26	2.27	1.31	ppb
Molybdenum	97-1	0.26	0.27	0.25	0.26	3.10	ppb
Molybdenum	98-1	0.24	0.25	0.26	0.25	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.54	32.78	32.80	32.71	0.43	ppb
Phosphorus	31-2	1969.62	1961.26	2005.92	1978.94	1.20	ppb
Potassium	39-2	6569.27	6563.33	6506.43	6546.34	0.53	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	0.27	0.33	0.47	0.36	30.13	ppb
Selenium	77-2	10.23	9.00	9.04	9.42	7.41	ppb
Selenium	78-2	-0.13	1.38	2.41	1.22	104.97	ppb
Silicon	28-1	660.40	667.75	666.40	664.85	0.59	ppb
Silver	107-1	0.10	0.10	0.11	0.11	1.69	ppb
Silver	109-1	0.10	0.10	0.10	0.10	1.50	ppb
Sodium	23-2	77.79	76.13	76.27	76.73	1.20	ppb
Strontium	86-1	1144.82	1137.81	1153.49	1145.37	0.69	ppb
Strontium	88-1	1184.93	1165.96	1180.41	1177.10	0.84	ppb
Sulfur	34-1	-425.82	-369.97	-308.50	-368.10		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.23	0.24	0.24	0.24	2.63	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	1.82	ppb
Tin	118-1	0.08	0.09	0.08	0.08	12.71	ppb
Titanium	47-1	303.51	303.49	309.41	305.47	1.12	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-02	Instrumnet Name :	P7
Client Sample ID :	MYCZJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:51:42	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.79	0.79	0.79	0.07	ppb
Vanadium	51-2	86.13	86.78	86.80	86.57	0.44	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	168.53	167.89	169.52	168.65	0.49	ppb
Zirconium	90-1	8.57	8.49	8.62	8.56	0.77	ppb
Zirconium	91-1	8.60	8.57	8.70	8.62	0.75	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-03	Instrumnet Name :	P7
Client Sample ID :	MYCZJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:54:53	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54691.25	54295.74	54570.21	54519.06	0.37	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	6.33	ppb
Arsenic	75-2	89.40	89.05	87.65	88.70	1.05	ppb
Barium	135-1	205.55	210.79	212.56	209.63	1.74	ppb
Barium	137-1	205.39	209.54	211.67	208.86	1.53	ppb
Beryllium	9-1	0.77	0.70	0.69	0.72	6.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.94	1.17	1.10	1.07	10.71	ppb
Cadmium	106-1	2.25	2.43	1.87	2.18	13.25	ppb
Cadmium	111-1	0.95	0.91	0.91	0.92	2.28	ppb
Calcium	43-1	17008.23	17256.79	17323.73	17196.25	0.97	ppb
Calcium	44-1	16536.79	16669.00	16705.48	16637.09	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	133.61	133.19	133.12	133.31	0.20	ppb
Cobalt	59-2	144.25	146.66	145.92	145.61	0.85	ppb
Copper	63-2	256.98	248.90	254.58	253.49	1.64	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				107		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	121329.26	122784.83	121960.33	122024.81	0.60	ppb
Iron	57-2	119649.77	120172.32	119116.36	119646.15	0.44	ppb
Iron	54-2	122314.49	123445.16	121286.36	122348.67	0.88	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-03	Instrumnet Name :	P7
Client Sample ID :	MYCZJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:54:53	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.62	18.00	17.95	17.86	1.16	ppb
Lead	207-1	16.79	17.13	17.09	17.00	1.10	ppb
Lead	208-1	16.95	17.24	17.15	17.11	0.87	ppb
Lithium	6-1				115		%
Magnesium	24-2	36144.70	36031.35	36259.87	36145.31	0.32	ppb
Manganese	55-2	3654.61	3659.70	3657.89	3657.40	0.07	ppb
Molybdenum	94-1	2.06	2.16	2.09	2.10	2.44	ppb
Molybdenum	95-1	0.47	0.49	0.49	0.48	2.63	ppb
Molybdenum	96-1	1.38	1.43	1.47	1.42	3.02	ppb
Molybdenum	97-1	0.44	0.46	0.44	0.45	2.52	ppb
Molybdenum	98-1	0.42	0.42	0.41	0.42	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.00	138.94	138.88	138.60	0.38	ppb
Phosphorus	31-2	1669.15	1634.33	1654.66	1652.72	1.06	ppb
Potassium	39-2	2656.44	2615.46	2613.98	2628.63	0.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.29	0.05	-0.16	0.06	361.56	ppb
Selenium	77-2	8.06	10.24	8.04	8.78	14.39	ppb
Selenium	78-2	0.88	1.35	0.78	1.00	30.55	ppb
Silicon	28-1	525.92	536.15	549.01	537.03	2.15	ppb
Silver	107-1	0.22	0.24	0.24	0.23	4.74	ppb
Silver	109-1	0.24	0.25	0.25	0.25	3.65	ppb
Sodium	23-2	222.41	220.57	222.64	221.87	0.51	ppb
Strontium	86-1	1646.53	1676.15	1663.91	1662.20	0.90	ppb
Strontium	88-1	1687.29	1723.58	1716.40	1709.09	1.12	ppb
Sulfur	34-1	-741.04	-652.90	-592.55	-662.16		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.17	0.18	0.16	0.17	4.73	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	0.69	ppb
Tin	118-1	0.06	0.07	0.08	0.07	13.20	ppb
Titanium	47-1	386.04	388.54	392.79	389.12	0.88	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-03	Instrumnet Name :	P7
Client Sample ID :	MYCZJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:54:53	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.56	0.56	0.57	0.56	1.69	ppb
Vanadium	51-2	233.36	230.80	232.10	232.09	0.55	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	208.33	205.51	207.00	206.95	0.68	ppb
Zirconium	90-1	0.91	0.94	0.92	0.92	1.70	ppb
Zirconium	91-1	0.91	0.90	0.95	0.92	2.77	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-04	Instrumnet Name :	P7
Client Sample ID :	MYCZJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:57:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55268.52	55739.84	55864.41	55624.26	0.57	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	2.13	ppb
Arsenic	75-2	86.72	87.18	88.39	87.43	0.99	ppb
Barium	135-1	211.79	213.99	215.23	213.67	0.82	ppb
Barium	137-1	211.62	212.74	211.51	211.96	0.32	ppb
Beryllium	9-1	0.74	0.70	0.63	0.69	8.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.92	1.12	1.03	1.03	9.87	ppb
Cadmium	106-1	2.42	1.63	2.33	2.13	20.23	ppb
Cadmium	111-1	0.92	0.84	0.95	0.90	6.63	ppb
Calcium	43-1	17856.31	18049.24	17996.54	17967.36	0.56	ppb
Calcium	44-1	17171.02	17826.84	17554.92	17517.59	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134.84	136.02	134.99	135.28	0.48	ppb
Cobalt	59-2	157.54	157.07	157.46	157.36	0.16	ppb
Copper	63-2	256.83	260.17	261.84	259.61	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	126001.19	126030.68	126088.85	126040.24	0.04	ppb
Iron	57-2	124592.95	125772.98	124855.28	125073.74	0.50	ppb
Iron	54-2	125622.99	126638.53	127102.28	126454.60	0.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-04	Instrumnet Name :	P7
Client Sample ID :	MYCZJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:57:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.74	18.09	17.67	17.83	1.27	ppb
Lead	207-1	16.92	16.98	17.09	17.00	0.51	ppb
Lead	208-1	17.08	17.16	17.11	17.12	0.23	ppb
Lithium	6-1				113		%
Magnesium	24-2	36352.24	36948.25	36718.03	36672.84	0.82	ppb
Manganese	55-2	3773.02	3789.45	3792.79	3785.09	0.28	ppb
Molybdenum	94-1	2.18	2.18	2.21	2.19	0.84	ppb
Molybdenum	95-1	0.41	0.41	0.42	0.41	2.25	ppb
Molybdenum	96-1	1.39	1.43	1.39	1.40	1.62	ppb
Molybdenum	97-1	0.39	0.36	0.37	0.37	3.40	ppb
Molybdenum	98-1	0.35	0.36	0.36	0.35	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	142.77	144.13	144.28	143.73	0.58	ppb
Phosphorus	31-2	1662.47	1650.66	1655.56	1656.23	0.36	ppb
Potassium	39-2	2595.60	2562.96	2568.33	2575.63	0.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.32	0.06	-0.28	0.03	910.12	ppb
Selenium	77-2	8.17	9.38	6.16	7.90	20.58	ppb
Selenium	78-2	-0.53	0.38	1.77	0.54	215.04	ppb
Silicon	28-1	957.31	957.76	977.89	964.32	1.22	ppb
Silver	107-1	0.23	0.22	0.24	0.23	4.20	ppb
Silver	109-1	0.22	0.24	0.24	0.23	4.93	ppb
Sodium	23-2	229.32	226.51	228.12	227.98	0.62	ppb
Strontium	86-1	1610.90	1637.35	1605.97	1618.07	1.04	ppb
Strontium	88-1	1656.58	1679.89	1658.20	1664.89	0.78	ppb
Sulfur	34-1	-723.78	-645.32	-647.69	-672.26		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.18	0.17	0.18	0.17	2.46	ppb
Thallium	205-1	0.17	0.18	0.16	0.17	5.09	ppb
Tin	118-1	0.06	0.06	0.06	0.06	2.49	ppb
Titanium	47-1	394.55	398.29	400.56	397.80	0.76	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-04	Instrumnet Name :	P7
Client Sample ID :	MYCZJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:57:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.50	0.51	0.51	0.51	1.31	ppb
Vanadium	51-2	235.25	241.38	238.12	238.25	1.29	ppb
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	208.59	212.07	210.18	210.28	0.83	ppb
Zirconium	90-1	0.99	0.99	1.00	0.99	0.11	ppb
Zirconium	91-1	1.00	1.06	1.00	1.02	3.32	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-05	Instrumnet Name :	P7
Client Sample ID :	MYCZJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:01:04	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43291.53	43729.60	43104.16	43375.10	0.74	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	3.44	ppb
Arsenic	75-2	53.28	53.82	52.84	53.31	0.92	ppb
Barium	135-1	198.26	200.57	201.13	199.99	0.76	ppb
Barium	137-1	197.66	199.15	199.58	198.80	0.51	ppb
Beryllium	9-1	0.93	1.03	0.90	0.95	7.17	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.75	0.82	1.18	0.92	25.22	ppb
Cadmium	106-1	2.44	2.21	2.35	2.33	5.14	ppb
Cadmium	111-1	0.70	0.71	0.67	0.70	2.91	ppb
Calcium	43-1	11787.76	11713.60	11624.40	11708.58	0.70	ppb
Calcium	44-1	11377.38	11441.05	11289.70	11369.38	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.24	123.65	124.35	124.08	0.31	ppb
Cobalt	59-2	52.08	51.69	51.52	51.76	0.56	ppb
Copper	63-2	129.29	128.07	128.41	128.59	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	95214.26	93308.70	94162.87	94228.61	1.01	ppb
Iron	57-2	93948.05	92749.91	92171.44	92956.46	0.97	ppb
Iron	54-2	94781.54	93575.84	93984.98	94114.12	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-05	Instrumnet Name :	P7
Client Sample ID :	MYCZJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:01:04	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.49	23.68	23.93	23.70	0.94	ppb
Lead	207-1	22.95	23.17	23.55	23.22	1.31	ppb
Lead	208-1	23.02	23.32	23.60	23.31	1.25	ppb
Lithium	6-1				116		%
Magnesium	24-2	30983.60	30559.72	30739.44	30760.92	0.69	ppb
Manganese	55-2	1750.03	1712.73	1746.41	1736.39	1.18	ppb
Molybdenum	94-1	6.79	6.96	6.74	6.83	1.71	ppb
Molybdenum	95-1	0.59	0.68	0.64	0.64	6.88	ppb
Molybdenum	96-1	1.96	2.00	1.96	1.97	1.32	ppb
Molybdenum	97-1	0.60	0.65	0.63	0.63	4.36	ppb
Molybdenum	98-1	0.61	0.62	0.62	0.62	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.86	94.28	95.26	95.13	0.84	ppb
Phosphorus	31-2	1626.85	1627.26	1619.89	1624.67	0.25	ppb
Potassium	39-2	3863.18	3835.34	3766.90	3821.81	1.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	0.33	0.34	-0.05	0.21	106.08	ppb
Selenium	77-2	8.74	9.31	9.12	9.06	3.20	ppb
Selenium	78-2	1.45	0.99	0.23	0.89	68.86	ppb
Silicon	28-1	754.49	749.04	754.38	752.64	0.41	ppb
Silver	107-1	0.11	0.10	0.11	0.11	2.59	ppb
Silver	109-1	0.10	0.10	0.10	0.10	1.37	ppb
Sodium	23-2	324.09	318.98	323.52	322.20	0.87	ppb
Strontium	86-1	1304.42	1327.14	1320.32	1317.30	0.89	ppb
Strontium	88-1	1336.87	1359.21	1350.59	1348.89	0.84	ppb
Sulfur	34-1	-633.82	-625.85	-596.33	-618.67		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.15	0.15	0.15	4.31	ppb
Thallium	205-1	0.15	0.16	0.16	0.16	3.41	ppb
Tin	118-1	0.17	0.17	0.19	0.18	7.38	ppb
Titanium	47-1	412.09	411.12	414.59	412.60	0.43	ppb

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-05	Instrumnet Name :	P7
Client Sample ID :	MYCZJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:01:04	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.60	0.60	0.60	2.65	ppb
Vanadium	51-2	204.24	204.47	204.77	204.49	0.13	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	243.27	243.63	244.39	243.76	0.23	ppb
Zirconium	90-1	3.43	3.45	3.45	3.44	0.29	ppb
Zirconium	91-1	3.36	3.44	3.38	3.39	1.19	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-06	Instrumnet Name :	P7
Client Sample ID :	MYCZJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:04:11	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61688.43	62606.42	62068.90	62121.25	0.74	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	12.47	ppb
Arsenic	75-2	60.01	59.84	58.82	59.56	1.08	ppb
Barium	135-1	86.62	86.40	88.53	87.18	1.34	ppb
Barium	137-1	86.91	86.66	87.51	87.03	0.50	ppb
Beryllium	9-1	0.41	0.39	0.37	0.39	4.95	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.60	0.64	0.92	0.72	24.47	ppb
Cadmium	106-1	2.31	1.84	1.94	2.03	12.12	ppb
Cadmium	111-1	0.65	0.57	0.61	0.61	6.61	ppb
Calcium	43-1	12126.94	12205.93	12187.71	12173.53	0.34	ppb
Calcium	44-1	11781.16	11724.91	11704.98	11737.02	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	218.90	219.67	220.17	219.58	0.29	ppb
Cobalt	59-2	76.27	75.60	77.32	76.39	1.14	ppb
Copper	63-2	206.01	201.86	204.68	204.18	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				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	132674.85	132098.46	133599.35	132790.89	0.57	ppb
Iron	57-2	130426.65	128836.02	131264.83	130175.83	0.95	ppb
Iron	54-2	132494.53	132437.13	133453.45	132795.04	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-06	Instrumnet Name :	P7
Client Sample ID :	MYCZJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:04:11	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	8.21	8.28	8.17	8.22	0.67	ppb
Lead	207-1	8.00	8.13	8.12	8.08	0.89	ppb
Lead	208-1	8.00	8.13	8.07	8.07	0.77	ppb
Lithium	6-1				113		%
Magnesium	24-2	49931.31	50784.39	50609.46	50441.72	0.89	ppb
Manganese	55-2	1929.13	1915.78	1957.01	1933.98	1.09	ppb
Molybdenum	94-1	1.43	1.41	1.40	1.41	1.05	ppb
Molybdenum	95-1	0.27	0.30	0.30	0.29	5.99	ppb
Molybdenum	96-1	1.44	1.41	1.44	1.43	1.22	ppb
Molybdenum	97-1	0.32	0.31	0.27	0.30	8.84	ppb
Molybdenum	98-1	0.24	0.23	0.24	0.24	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.69	149.08	150.57	150.11	0.60	ppb
Phosphorus	31-2	1181.01	1220.37	1229.36	1210.25	2.12	ppb
Potassium	39-2	1780.31	1803.63	1821.10	1801.68	1.14	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				117		%
Scandium	45-2				112		%
Selenium	82-1	-0.25	0.12	-0.49	-0.21		ppb
Selenium	77-2	5.75	4.06	5.55	5.12	18.06	ppb
Selenium	78-2	-0.69	-0.04	-0.55	-0.43		ppb
Silicon	28-1	749.24	738.17	755.30	747.57	1.16	ppb
Silver	107-1	0.07	0.07	0.07	0.07	3.81	ppb
Silver	109-1	0.07	0.08	0.07	0.07	8.73	ppb
Sodium	23-2	594.31	607.05	595.47	598.94	1.18	ppb
Strontium	86-1	1143.79	1166.23	1128.64	1146.22	1.65	ppb
Strontium	88-1	1192.11	1188.26	1186.88	1189.08	0.23	ppb
Sulfur	34-1	-840.67	-787.86	-728.80	-785.78		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.07	0.07	0.07	1.37	ppb
Thallium	205-1	0.08	0.08	0.07	0.07	2.69	ppb
Tin	118-1	0.04	0.06	0.05	0.05	20.48	ppb
Titanium	47-1	483.40	486.62	487.29	485.77	0.43	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-06	Instrumnet Name :	P7
Client Sample ID :	MYCZJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:04:11	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.25	0.24	2.22	ppb
Vanadium	51-2	348.57	345.20	356.20	349.99	1.61	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	282.82	286.91	286.73	285.49	0.81	ppb
Zirconium	90-1	0.61	0.61	0.62	0.61	1.14	ppb
Zirconium	91-1	0.63	0.63	0.62	0.62	1.13	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:07:18	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48800.10	47973.79	49274.47	48682.79	1.35	ppb
Antimony	121-1	477.80	490.20	491.12	486.37	1.53	ppb
Arsenic	75-2	462.50	466.44	481.38	470.11	2.12	ppb
Barium	135-1	2460.29	2515.23	2533.34	2502.95	1.52	ppb
Barium	137-1	2493.08	2488.93	2545.90	2509.30	1.27	ppb
Beryllium	9-1	497.92	498.21	497.09	497.74	0.12	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	484.07	493.23	500.71	492.67	1.69	ppb
Cadmium	106-1	483.55	495.38	501.01	493.31	1.81	ppb
Cadmium	111-1	458.03	484.08	496.64	479.58	4.11	ppb
Calcium	43-1	243590.38	250406.14	246769.13	246921.88	1.38	ppb
Calcium	44-1	241567.11	251706.88	247018.76	246764.25	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.34	467.14	490.29	480.59	2.50	ppb
Cobalt	59-2	470.87	468.87	488.26	476.00	2.24	ppb
Copper	63-2	4596.09	4562.55	4690.42	4616.35	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	122320.38	122019.26	125775.88	123371.84	1.69	ppb
Iron	57-2	122740.79	121468.69	125907.31	123372.26	1.85	ppb
Iron	54-2	123171.19	121912.14	126384.55	123822.63	1.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:07:18	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2516.12	2495.20	2557.79	2523.04	1.26	ppb
Lead	207-1	2502.24	2478.90	2556.22	2512.45	1.58	ppb
Lead	208-1	2517.88	2497.22	2562.06	2525.72	1.31	ppb
Lithium	6-1				108		%
Magnesium	24-2	237857.30	234473.55	243955.86	238762.24	2.01	ppb
Manganese	55-2	4760.46	4715.12	4889.68	4788.42	1.89	ppb
Molybdenum	94-1	4910.65	4956.07	5113.38	4993.37	2.13	ppb
Molybdenum	95-1	4890.99	5010.19	5147.09	5016.09	2.55	ppb
Molybdenum	96-1	4884.40	4971.10	5108.82	4988.11	2.27	ppb
Molybdenum	97-1	4857.65	4966.50	5054.27	4959.47	1.99	ppb
Molybdenum	98-1	4909.91	5002.85	5092.75	5001.84	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	448.83	443.05	459.26	450.38	1.82	ppb
Phosphorus	31-2	9673.59	9575.50	9871.35	9706.81	1.55	ppb
Potassium	39-2	120218.18	118764.58	122142.80	120375.19	1.41	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	464.02	473.72	489.12	475.62	2.66	ppb
Selenium	77-2	470.55	475.43	467.38	471.12	0.86	ppb
Selenium	78-2	447.09	458.73	464.35	456.72	1.93	ppb
Silicon	28-1	196.47	207.98	206.33	203.59	3.06	ppb
Silver	107-1	479.99	486.33	495.89	487.40	1.64	ppb
Silver	109-1	478.75	487.42	493.59	486.59	1.53	ppb
Sodium	23-2	238767.62	237267.90	244170.63	240068.72	1.51	ppb
Strontium	86-1	12204.02	12509.04	12647.21	12453.42	1.82	ppb
Strontium	88-1	12263.00	12580.97	12760.12	12534.70	2.01	ppb
Sulfur	34-1	9262.31	9613.91	9425.60	9433.94	1.87	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	510.74	491.89	516.78	506.47	2.56	ppb
Thallium	205-1	505.95	500.47	515.18	507.20	1.47	ppb
Tin	118-1	495.88	496.62	502.40	498.30	0.72	ppb
Titanium	47-1	4874.02	4987.73	4965.38	4942.38	1.22	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:07:18	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	508.23	502.18	516.66	509.02	1.43	ppb
Vanadium	51-2	491.86	482.93	494.87	489.89	1.27	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	4515.31	4413.46	4601.06	4509.94	2.08	ppb
Zirconium	90-1	493.56	500.30	507.55	500.47	1.40	ppb
Zirconium	91-1	495.72	506.62	515.71	506.02	1.98	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:13:36	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.08	-0.09	-0.11		ppb
Antimony	121-1	0.04	0.04	0.04	0.04	3.47	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.02	0.01	0.01	0.01	39.80	ppb
Barium	137-1	0.02	0.02	0.01	0.02	16.79	ppb
Beryllium	9-1	0.04	0.04	0.02	0.03	32.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	-0.02	0.05	0.01	426.62	ppb
Cadmium	106-1	0.52	0.21	0.17	0.30	63.18	ppb
Cadmium	111-1	0.05	0.02	0.02	0.03	54.63	ppb
Calcium	43-1	-2.10	-1.40	-0.49	-1.33		ppb
Calcium	44-1	-3.78	-3.35	-3.37	-3.50		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.00	0.01	81.27	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	4.77	ppb
Copper	63-2	-0.03	-0.04	-0.05	-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				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	1.06	0.88	0.77	0.90	16.40	ppb
Iron	57-2	0.45	-1.12	-0.41	-0.36		ppb
Iron	54-2	0.45	1.00	-0.14	0.44	131.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:13:36	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.02	0.02	27.49	ppb
Lead	207-1	0.02	0.02	0.02	0.02	18.01	ppb
Lead	208-1	0.03	0.02	0.02	0.02	19.54	ppb
Lithium	6-1				117		%
Magnesium	24-2	1.15	0.95	0.82	0.98	16.86	ppb
Manganese	55-2	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	94-1	0.06	0.08	0.06	0.07	13.38	ppb
Molybdenum	95-1	0.07	0.04	0.04	0.05	30.27	ppb
Molybdenum	96-1	0.06	0.05	0.04	0.05	22.85	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.05	12.71	ppb
Molybdenum	98-1	0.06	0.07	0.05	0.06	13.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.03	-0.03	-0.04		ppb
Phosphorus	31-2	-18.78	-17.71	-17.22	-17.90		ppb
Potassium	39-2	-5.77	-7.15	-7.68	-6.86		ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	-0.14	-0.64	-0.79	-0.52		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.89	-0.81	-1.08	-0.92		ppb
Silicon	28-1	-9.22	-8.86	-8.84	-8.97		ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.26	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.98	ppb
Sodium	23-2	3.25	3.54	2.70	3.16	13.43	ppb
Strontium	86-1	-0.28	-0.45	-0.27	-0.33		ppb
Strontium	88-1	0.00	0.04	-0.02	0.00	654.44	ppb
Sulfur	34-1	94.56	16.38	86.21	65.71	65.33	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.02	0.01	11.96	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	11.31	ppb
Tin	118-1	0.01	0.01	0.00	0.00	117.43	ppb
Titanium	47-1	0.06	0.03	0.05	0.05	28.52	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:13:36	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	10.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	-0.32	-0.28	-0.29	-0.30		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	7.57	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	10.50	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-07	Instrumnet Name :	P7
Client Sample ID :	MYCZJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:16:52	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56917.39	56221.28	57034.46	56724.38	0.77	ppb
Antimony	121-1	0.09	0.06	0.06	0.07	25.64	ppb
Arsenic	75-2	65.94	63.11	63.29	64.11	2.47	ppb
Barium	135-1	142.32	144.76	146.73	144.60	1.53	ppb
Barium	137-1	141.75	144.05	146.12	143.97	1.52	ppb
Beryllium	9-1	0.52	0.58	0.65	0.58	10.79	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	1.01	0.83	0.91	9.84	ppb
Cadmium	106-1	1.83	2.70	2.05	2.19	20.62	ppb
Cadmium	111-1	0.67	0.78	0.72	0.72	7.68	ppb
Calcium	43-1	12083.34	12288.42	12617.77	12329.85	2.19	ppb
Calcium	44-1	12073.62	11975.71	11992.30	12013.88	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	192.62	195.11	194.13	193.96	0.65	ppb
Cobalt	59-2	68.28	68.59	68.42	68.43	0.23	ppb
Copper	63-2	167.63	167.59	168.53	167.92	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				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	121630.33	121194.15	122922.59	121915.69	0.74	ppb
Iron	57-2	119981.88	119489.15	120305.40	119925.47	0.34	ppb
Iron	54-2	122417.86	121192.46	122852.87	122154.40	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-07	Instrumnet Name :	P7
Client Sample ID :	MYCZJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:16:52	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.18	15.89	15.94	16.01	0.96	ppb
Lead	207-1	15.88	15.73	15.71	15.77	0.58	ppb
Lead	208-1	15.88	15.66	15.74	15.76	0.72	ppb
Lithium	6-1				120		%
Magnesium	24-2	44738.04	44059.64	44530.52	44442.73	0.78	ppb
Manganese	55-2	1977.88	1965.48	2008.11	1983.82	1.11	ppb
Molybdenum	94-1	2.40	2.52	2.47	2.47	2.35	ppb
Molybdenum	95-1	0.27	0.30	0.29	0.29	5.55	ppb
Molybdenum	96-1	1.41	1.46	1.39	1.42	2.50	ppb
Molybdenum	97-1	0.29	0.27	0.28	0.28	2.91	ppb
Molybdenum	98-1	0.26	0.24	0.25	0.25	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.98	136.83	136.57	136.46	0.32	ppb
Phosphorus	31-2	1306.08	1294.99	1321.83	1307.63	1.03	ppb
Potassium	39-2	2331.92	2293.07	2369.32	2331.43	1.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				119		%
Scandium	45-2				111		%
Selenium	82-1	-0.06	-0.16	-0.42	-0.21		ppb
Selenium	77-2	6.36	4.66	5.19	5.40	16.07	ppb
Selenium	78-2	0.55	0.87	1.66	1.03	55.64	ppb
Silicon	28-1	651.71	659.36	687.93	666.33	2.86	ppb
Silver	107-1	0.21	0.21	0.21	0.21	1.12	ppb
Silver	109-1	0.20	0.20	0.21	0.20	2.08	ppb
Sodium	23-2	219.96	217.53	219.07	218.85	0.56	ppb
Strontium	86-1	1210.12	1223.00	1240.92	1224.68	1.26	ppb
Strontium	88-1	1241.66	1250.19	1290.23	1260.70	2.06	ppb
Sulfur	34-1	-671.79	-718.22	-642.85	-677.62		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.10	0.10	0.10	10.15	ppb
Thallium	205-1	0.11	0.09	0.10	0.10	10.00	ppb
Tin	118-1	0.07	0.06	0.10	0.08	22.95	ppb
Titanium	47-1	301.58	307.00	313.60	307.39	1.96	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-07	Instrumnet Name :	P7
Client Sample ID :	MYCZJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:16:52	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.39	0.37	0.38	0.38	2.70	ppb
Vanadium	51-2	304.79	304.13	307.29	305.40	0.55	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	273.65	274.93	277.71	275.43	0.75	ppb
Zirconium	90-1	1.18	1.20	1.22	1.20	1.75	ppb
Zirconium	91-1	1.22	1.29	1.23	1.25	2.90	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-08	Instrumnet Name :	P7
Client Sample ID :	MYCZJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:20:01	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53813.19	53722.82	53681.93	53739.31	0.12	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	3.25	ppb
Arsenic	75-2	42.81	44.31	44.17	43.77	1.89	ppb
Barium	135-1	77.66	79.50	78.99	78.71	1.21	ppb
Barium	137-1	77.90	79.75	78.29	78.65	1.24	ppb
Beryllium	9-1	0.33	0.36	0.39	0.36	8.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.59	0.54	0.74	0.62	17.22	ppb
Cadmium	106-1	1.80	1.85	1.52	1.72	10.19	ppb
Cadmium	111-1	0.51	0.54	0.48	0.51	6.24	ppb
Calcium	43-1	10459.32	10381.28	10492.56	10444.39	0.55	ppb
Calcium	44-1	9964.02	10137.79	10280.10	10127.31	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	182.46	182.87	181.77	182.37	0.30	ppb
Cobalt	59-2	59.82	59.64	59.83	59.76	0.18	ppb
Copper	63-2	171.41	172.45	172.27	172.04	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				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	115414.92	115540.55	115279.22	115411.56	0.11	ppb
Iron	57-2	114440.36	114598.85	114416.92	114485.38	0.09	ppb
Iron	54-2	116793.96	116265.10	116430.47	116496.51	0.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-08	Instrumnet Name :	P7
Client Sample ID :	MYCZJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:20:01	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.07	6.17	6.12	6.12	0.82	ppb
Lead	207-1	6.01	6.03	6.02	6.02	0.14	ppb
Lead	208-1	5.94	6.04	6.05	6.01	1.06	ppb
Lithium	6-1				118		%
Magnesium	24-2	43908.08	43835.20	44351.43	44031.57	0.63	ppb
Manganese	55-2	1657.30	1650.39	1656.93	1654.87	0.23	ppb
Molybdenum	94-1	1.23	1.23	1.34	1.27	4.97	ppb
Molybdenum	95-1	0.17	0.18	0.18	0.17	2.00	ppb
Molybdenum	96-1	1.20	1.17	1.14	1.17	2.41	ppb
Molybdenum	97-1	0.17	0.18	0.18	0.18	2.96	ppb
Molybdenum	98-1	0.16	0.15	0.16	0.16	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.32	128.96	129.74	129.34	0.30	ppb
Phosphorus	31-2	1097.74	1135.27	1101.16	1111.39	1.87	ppb
Potassium	39-2	1102.64	1103.33	1099.20	1101.72	0.20	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				117		%
Scandium	45-2				109		%
Selenium	82-1	-0.16	-0.24	-0.64	-0.35		ppb
Selenium	77-2	3.78	4.40	3.21	3.80	15.56	ppb
Selenium	78-2	0.66	0.44	0.02	0.37	88.36	ppb
Silicon	28-1	625.50	634.39	636.99	632.29	0.95	ppb
Silver	107-1	0.05	0.06	0.05	0.06	3.25	ppb
Silver	109-1	0.05	0.06	0.06	0.06	7.92	ppb
Sodium	23-2	244.82	246.04	247.18	246.02	0.48	ppb
Strontium	86-1	908.32	947.13	948.41	934.62	2.44	ppb
Strontium	88-1	960.09	960.01	959.61	959.90	0.03	ppb
Sulfur	34-1	-841.20	-833.50	-805.71	-826.80		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.06	0.06	0.06	9.41	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.92	ppb
Tin	118-1	0.10	0.10	0.09	0.09	6.41	ppb
Titanium	47-1	337.88	337.78	344.64	340.10	1.16	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-08	Instrumnet Name :	P7
Client Sample ID :	MYCZJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:20:01	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.20	0.20	1.22	ppb
Vanadium	51-2	292.39	296.29	298.86	295.85	1.10	ppb
Yttrium	89-1				110		%
Yttrium	89-2				104		%
Zinc	66-2	214.66	217.98	214.15	215.59	0.96	ppb
Zirconium	90-1	0.58	0.58	0.58	0.58	0.22	ppb
Zirconium	91-1	0.59	0.62	0.61	0.61	2.27	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-09	Instrumnet Name :	P7
Client Sample ID :	MYCZJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:23:09	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24290.36	24003.36	24056.17	24116.63	0.63	ppb
Antimony	121-1	0.04	0.05	0.03	0.04	14.96	ppb
Arsenic	75-2	62.72	61.98	60.96	61.88	1.43	ppb
Barium	135-1	349.79	359.02	359.96	356.26	1.58	ppb
Barium	137-1	367.36	377.49	381.18	375.34	1.91	ppb
Beryllium	9-1	1.08	1.13	1.24	1.15	7.43	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.01	1.85	1.63	1.83	10.51	ppb
Cadmium	106-1	4.66	4.77	4.45	4.62	3.52	ppb
Cadmium	111-1	0.75	0.77	0.75	0.75	2.09	ppb
Calcium	43-1	104566.82	107690.88	108927.77	107061.82	2.10	ppb
Calcium	44-1	105304.93	107272.80	108956.38	107178.04	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.14	83.48	83.72	83.78	0.40	ppb
Cobalt	59-2	27.07	27.13	26.93	27.04	0.39	ppb
Copper	63-2	72.73	72.09	72.65	72.49	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	38613.08	38717.29	38436.16	38588.84	0.37	ppb
Iron	57-2	38863.14	38514.49	38928.73	38768.78	0.57	ppb
Iron	54-2	38910.97	38503.37	38715.81	38710.05	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-09	Instrumnet Name :	P7
Client Sample ID :	MYCZJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:23:09	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.58	62.29	61.83	61.57	1.44	ppb
Lead	207-1	56.30	57.87	57.29	57.15	1.39	ppb
Lead	208-1	57.66	59.38	58.94	58.66	1.53	ppb
Lithium	6-1				120		%
Magnesium	24-2	17036.01	17045.32	16890.70	16990.68	0.51	ppb
Manganese	55-2	2119.35	2123.96	2126.33	2123.21	0.17	ppb
Molybdenum	94-1	24.67	25.27	25.57	25.17	1.81	ppb
Molybdenum	95-1	0.84	0.85	0.83	0.84	1.10	ppb
Molybdenum	96-1	3.57	3.68	3.66	3.64	1.72	ppb
Molybdenum	97-1	0.82	0.88	0.85	0.85	3.45	ppb
Molybdenum	98-1	0.79	0.83	0.85	0.83	3.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.10	79.52	80.20	79.94	0.46	ppb
Phosphorus	31-2	1931.11	1892.60	1898.16	1907.29	1.09	ppb
Potassium	39-2	4355.73	4328.15	4292.37	4325.42	0.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	0.08	0.23	-0.12	0.06	272.44	ppb
Selenium	77-2	11.75	12.03	10.93	11.57	4.92	ppb
Selenium	78-2	2.87	2.20	1.70	2.26	25.96	ppb
Silicon	28-1	365.54	370.96	376.08	370.86	1.42	ppb
Silver	107-1	0.14	0.14	0.15	0.14	3.09	ppb
Silver	109-1	0.13	0.14	0.15	0.14	8.03	ppb
Sodium	23-2	530.92	529.26	526.79	528.99	0.39	ppb
Strontium	86-1	5798.81	5954.21	5999.79	5917.60	1.78	ppb
Strontium	88-1	6021.68	6028.11	6131.68	6060.49	1.02	ppb
Sulfur	34-1	1142.94	1344.32	1421.85	1303.04	11.05	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.22	0.22	0.23	0.22	2.67	ppb
Thallium	205-1	0.22	0.22	0.22	0.22	1.80	ppb
Tin	118-1	0.24	0.23	0.25	0.24	4.34	ppb
Titanium	47-1	345.36	354.78	358.97	353.04	1.97	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-09	Instrumnet Name :	P7
Client Sample ID :	MYCZJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:23:09	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	4.77	4.94	4.83	4.85	1.76	ppb
Vanadium	51-2	72.89	71.98	72.20	72.35	0.65	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	197.57	197.79	198.86	198.07	0.35	ppb
Zirconium	90-1	13.34	13.73	13.91	13.66	2.16	ppb
Zirconium	91-1	13.42	13.82	14.03	13.76	2.23	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-10	Instrumnet Name :	P7
Client Sample ID :	MYCZJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:26:17	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26060.57	26356.42	26112.14	26176.38	0.60	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	8.48	ppb
Arsenic	75-2	70.10	70.18	69.83	70.04	0.26	ppb
Barium	135-1	356.45	365.55	361.74	361.25	1.26	ppb
Barium	137-1	370.97	382.75	373.94	375.89	1.63	ppb
Beryllium	9-1	1.32	1.42	1.33	1.36	4.16	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.45	1.65	1.51	7.99	ppb
Cadmium	106-1	4.47	3.96	3.48	3.97	12.45	ppb
Cadmium	111-1	0.97	0.96	0.98	0.97	1.03	ppb
Calcium	43-1	46153.46	47620.34	47909.19	47227.66	1.99	ppb
Calcium	44-1	46565.06	47566.17	47370.01	47167.08	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.62	56.07	56.09	56.26	0.55	ppb
Cobalt	59-2	30.67	30.56	30.76	30.66	0.33	ppb
Copper	63-2	74.19	73.76	73.58	73.84	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	52137.07	52187.63	51377.53	51900.74	0.87	ppb
Iron	57-2	51670.26	50834.68	50677.86	51060.93	1.04	ppb
Iron	54-2	52716.68	52290.50	52009.53	52338.90	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-10	Instrumnet Name :	P7
Client Sample ID :	MYCZJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:26:17	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.92	56.40	57.47	56.60	1.41	ppb
Lead	207-1	55.30	56.19	56.66	56.05	1.23	ppb
Lead	208-1	54.96	55.87	56.42	55.75	1.33	ppb
Lithium	6-1				118		%
Magnesium	24-2	13957.96	14007.90	13929.32	13965.06	0.28	ppb
Manganese	55-2	1704.00	1700.91	1674.56	1693.16	0.96	ppb
Molybdenum	94-1	13.85	14.30	14.24	14.13	1.75	ppb
Molybdenum	95-1	0.45	0.45	0.46	0.46	0.91	ppb
Molybdenum	96-1	2.23	2.26	2.27	2.26	0.93	ppb
Molybdenum	97-1	0.42	0.45	0.45	0.44	4.32	ppb
Molybdenum	98-1	0.41	0.43	0.44	0.43	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.24	57.37	57.21	57.27	0.15	ppb
Phosphorus	31-2	1929.16	1919.22	1911.88	1920.09	0.45	ppb
Potassium	39-2	5250.47	5149.87	5216.93	5205.76	0.98	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.25	0.23	0.18	0.22	16.37	ppb
Selenium	77-2	13.40	10.59	15.06	13.02	17.34	ppb
Selenium	78-2	1.47	1.80	3.56	2.28	49.36	ppb
Silicon	28-1	433.20	452.28	450.35	445.28	2.36	ppb
Silver	107-1	0.17	0.17	0.17	0.17	2.13	ppb
Silver	109-1	0.17	0.17	0.16	0.16	3.54	ppb
Sodium	23-2	301.35	300.40	299.95	300.57	0.24	ppb
Strontium	86-1	2991.54	3021.02	3047.66	3020.07	0.93	ppb
Strontium	88-1	3068.92	3121.58	3105.80	3098.77	0.87	ppb
Sulfur	34-1	433.87	574.92	587.88	532.22	16.05	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.22	0.21	0.23	0.22	3.05	ppb
Thallium	205-1	0.22	0.21	0.22	0.22	1.47	ppb
Tin	118-1	0.14	0.14	0.13	0.13	5.14	ppb
Titanium	47-1	281.90	289.34	287.68	286.31	1.36	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-10	Instrumnet Name :	P7
Client Sample ID :	MYCZJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:26:17	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.10	1.12	1.10	1.67	ppb
Vanadium	51-2	89.31	88.93	88.74	88.99	0.32	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	318.29	316.95	315.37	316.87	0.46	ppb
Zirconium	90-1	7.65	7.74	7.83	7.74	1.20	ppb
Zirconium	91-1	7.67	7.74	7.73	7.71	0.54	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-11	Instrumnet Name :	P7
Client Sample ID :	MYCZJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:29:24	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56215.86	56192.52	56440.76	56283.05	0.24	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	3.31	ppb
Arsenic	75-2	50.30	49.76	50.61	50.22	0.85	ppb
Barium	135-1	115.81	126.29	128.81	123.64	5.57	ppb
Barium	137-1	115.52	125.56	127.31	122.79	5.18	ppb
Beryllium	9-1	0.47	0.47	0.49	0.47	2.72	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.63	0.79	0.72	0.71	11.30	ppb
Cadmium	106-1	1.79	1.87	1.50	1.72	11.18	ppb
Cadmium	111-1	0.54	0.65	0.62	0.60	9.16	ppb
Calcium	43-1	12293.78	13183.92	13513.65	12997.12	4.86	ppb
Calcium	44-1	11908.08	12766.12	13102.36	12592.19	4.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188.95	187.32	187.44	187.90	0.48	ppb
Cobalt	59-2	75.78	75.33	76.27	75.79	0.62	ppb
Copper	63-2	197.44	195.42	189.91	194.26	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				111		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	116540.55	115767.44	116994.70	116434.23	0.53	ppb
Iron	57-2	114315.63	114168.10	114307.20	114263.64	0.07	ppb
Iron	54-2	116162.72	117111.93	116592.02	116622.22	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-11	Instrumnet Name :	P7
Client Sample ID :	MYCZJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:29:24	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	9.73	10.53	10.64	10.30	4.82	ppb
Lead	207-1	9.47	10.31	10.45	10.08	5.25	ppb
Lead	208-1	9.55	10.35	10.48	10.13	5.01	ppb
Lithium	6-1				117		%
Magnesium	24-2	46014.82	45938.33	46257.36	46070.17	0.36	ppb
Manganese	55-2	1912.39	1939.30	1913.31	1921.67	0.80	ppb
Molybdenum	94-1	1.63	1.74	1.85	1.74	6.40	ppb
Molybdenum	95-1	0.27	0.27	0.30	0.28	6.29	ppb
Molybdenum	96-1	1.25	1.34	1.38	1.32	4.90	ppb
Molybdenum	97-1	0.27	0.29	0.29	0.28	4.83	ppb
Molybdenum	98-1	0.25	0.26	0.27	0.26	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.65	143.06	143.23	142.65	0.61	ppb
Phosphorus	31-2	1431.89	1399.75	1446.32	1425.99	1.67	ppb
Potassium	39-2	1380.89	1376.04	1370.02	1375.65	0.40	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				120		%
Scandium	45-2				112		%
Selenium	82-1	-0.11	-0.29	-0.19	-0.19		ppb
Selenium	77-2	5.65	5.92	4.26	5.28	16.90	ppb
Selenium	78-2	-0.76	0.70	-0.19	-0.08		ppb
Silicon	28-1	556.24	598.85	615.33	590.14	5.17	ppb
Silver	107-1	0.06	0.08	0.08	0.07	10.80	ppb
Silver	109-1	0.07	0.08	0.08	0.07	8.13	ppb
Sodium	23-2	201.39	201.49	202.59	201.83	0.33	ppb
Strontium	86-1	1295.17	1419.41	1417.95	1377.51	5.18	ppb
Strontium	88-1	1325.50	1471.99	1457.02	1418.17	5.68	ppb
Sulfur	34-1	-965.96	-895.31	-847.01	-902.76		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.08	0.08	0.08	6.46	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	5.71	ppb
Tin	118-1	0.07	0.09	0.08	0.08	7.56	ppb
Titanium	47-1	425.11	453.75	461.32	446.73	4.27	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-11	Instrumnet Name :	P7
Client Sample ID :	MYCZJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:29:24	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.28	0.30	0.30	0.30	3.82	ppb
Vanadium	51-2	308.15	304.91	306.36	306.47	0.53	ppb
Yttrium	89-1				115		%
Yttrium	89-2				107		%
Zinc	66-2	244.49	243.16	246.56	244.74	0.70	ppb
Zirconium	90-1	0.75	0.85	0.83	0.81	6.41	ppb
Zirconium	91-1	0.76	0.86	0.88	0.84	7.84	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-12	Instrumnet Name :	P7
Client Sample ID :	MYCZK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:32:34	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43072.35	43097.49	43156.69	43108.85	0.10	ppb
Antimony	121-1	0.04	0.03	0.04	0.04	10.72	ppb
Arsenic	75-2	48.52	48.19	48.79	48.50	0.62	ppb
Barium	135-1	334.34	339.65	341.67	338.55	1.12	ppb
Barium	137-1	348.49	349.48	359.91	352.63	1.79	ppb
Beryllium	9-1	1.32	1.35	1.31	1.32	1.53	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.24	0.87	1.09	1.07	17.58	ppb
Cadmium	106-1	3.09	2.45	2.63	2.72	12.02	ppb
Cadmium	111-1	0.85	0.81	0.81	0.82	2.37	ppb
Calcium	43-1	37605.99	37351.33	37962.29	37639.87	0.82	ppb
Calcium	44-1	37295.16	37416.96	37762.11	37491.41	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.06	38.47	38.55	38.69	0.82	ppb
Cobalt	59-2	49.95	49.96	50.19	50.03	0.28	ppb
Copper	63-2	90.37	89.91	90.65	90.31	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	79452.95	79235.49	79369.02	79352.49	0.14	ppb
Iron	57-2	78319.09	78298.45	78634.71	78417.42	0.24	ppb
Iron	54-2	79874.21	79394.23	78649.61	79306.02	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-12	Instrumnet Name :	P7
Client Sample ID :	MYCZK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:32:34	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.51	64.45	64.35	64.10	0.81	ppb
Lead	207-1	66.97	67.42	67.01	67.13	0.37	ppb
Lead	208-1	64.95	65.59	65.55	65.37	0.55	ppb
Lithium	6-1				115		%
Magnesium	24-2	23056.00	22726.61	22915.48	22899.36	0.72	ppb
Manganese	55-2	2601.62	2587.62	2590.37	2593.20	0.29	ppb
Molybdenum	94-1	9.11	8.92	9.07	9.03	1.13	ppb
Molybdenum	95-1	0.18	0.17	0.18	0.18	3.28	ppb
Molybdenum	96-1	1.61	1.53	1.59	1.57	2.62	ppb
Molybdenum	97-1	0.14	0.14	0.14	0.14	2.94	ppb
Molybdenum	98-1	0.12	0.13	0.13	0.13	4.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.20	40.26	40.40	40.29	0.25	ppb
Phosphorus	31-2	2118.17	2101.02	2085.33	2101.51	0.78	ppb
Potassium	39-2	3795.52	3812.71	3750.34	3786.19	0.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	0.49	-0.04	0.22	0.22	117.74	ppb
Selenium	77-2	10.24	10.52	11.58	10.78	6.53	ppb
Selenium	78-2	2.45	2.30	2.24	2.33	4.74	ppb
Silicon	28-1	993.96	998.96	1003.26	998.73	0.47	ppb
Silver	107-1	0.28	0.26	0.27	0.27	2.75	ppb
Silver	109-1	0.27	0.26	0.28	0.27	3.93	ppb
Sodium	23-2	156.31	156.41	155.67	156.13	0.26	ppb
Strontium	86-1	1826.26	1780.85	1808.50	1805.20	1.27	ppb
Strontium	88-1	1871.34	1845.61	1871.90	1862.95	0.81	ppb
Sulfur	34-1	-460.60	-395.42	-353.17	-403.07		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.26	0.25	0.26	0.26	3.21	ppb
Thallium	205-1	0.26	0.26	0.25	0.26	2.02	ppb
Tin	118-1	0.07	0.07	0.05	0.06	15.14	ppb
Titanium	47-1	171.44	171.12	175.82	172.79	1.52	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-12	Instrumnet Name :	P7
Client Sample ID :	MYCZK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:32:34	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.59	0.59	0.59	0.70	ppb
Vanadium	51-2	132.56	132.86	133.54	132.98	0.38	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	262.64	258.94	261.18	260.92	0.71	ppb
Zirconium	90-1	4.93	4.86	4.95	4.92	0.96	ppb
Zirconium	91-1	5.01	4.83	4.99	4.94	1.92	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-13	Instrumnet Name :	P7
Client Sample ID :	MYCZK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:35:42	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15122.85	15431.62	15305.27	15286.58	1.02	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	3.46	ppb
Arsenic	75-2	14.41	14.46	15.19	14.69	2.98	ppb
Barium	135-1	156.74	157.33	156.07	156.71	0.40	ppb
Barium	137-1	154.47	156.98	154.46	155.30	0.93	ppb
Beryllium	9-1	0.66	0.64	0.69	0.67	3.70	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.66	0.54	0.60	0.60	9.69	ppb
Cadmium	106-1	1.85	1.03	1.15	1.34	33.10	ppb
Cadmium	111-1	0.32	0.26	0.28	0.29	11.70	ppb
Calcium	43-1	14952.38	15251.64	15326.57	15176.86	1.30	ppb
Calcium	44-1	14672.48	14782.86	14773.73	14743.02	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.39	23.61	23.80	23.60	0.86	ppb
Cobalt	59-2	18.82	18.96	18.97	18.92	0.44	ppb
Copper	63-2	39.47	39.62	39.75	39.61	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	32082.94	32469.38	32651.77	32401.36	0.90	ppb
Iron	57-2	31873.36	31621.11	32031.20	31841.89	0.65	ppb
Iron	54-2	32170.55	32349.33	32687.23	32402.37	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-13	Instrumnet Name :	P7
Client Sample ID :	MYCZK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:35:42	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	16.45	16.59	16.66	16.57	0.65	ppb
Lead	207-1	15.51	15.97	16.00	15.82	1.74	ppb
Lead	208-1	15.85	16.11	16.06	16.01	0.88	ppb
Lithium	6-1				115		%
Magnesium	24-2	8657.69	8808.31	8727.13	8731.04	0.86	ppb
Manganese	55-2	865.39	880.39	886.05	877.28	1.22	ppb
Molybdenum	94-1	6.55	6.57	6.56	6.56	0.15	ppb
Molybdenum	95-1	0.18	0.18	0.18	0.18	1.44	ppb
Molybdenum	96-1	1.09	1.07	1.07	1.08	0.76	ppb
Molybdenum	97-1	0.18	0.17	0.17	0.18	3.73	ppb
Molybdenum	98-1	0.16	0.16	0.16	0.16	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.98	24.62	24.08	24.23	1.43	ppb
Phosphorus	31-2	1191.16	1228.04	1264.89	1228.03	3.00	ppb
Potassium	39-2	2678.23	2676.45	2739.89	2698.19	1.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	-0.21	0.33	0.20	0.11	259.93	ppb
Selenium	77-2	5.71	5.95	4.37	5.34	15.88	ppb
Selenium	78-2	-0.29	0.96	0.02	0.23	287.18	ppb
Silicon	28-1	509.16	518.74	523.06	516.99	1.38	ppb
Silver	107-1	0.05	0.05	0.05	0.05	5.93	ppb
Silver	109-1	0.05	0.04	0.04	0.04	3.92	ppb
Sodium	23-2	112.21	112.09	112.73	112.34	0.30	ppb
Strontium	86-1	825.69	847.16	843.17	838.67	1.36	ppb
Strontium	88-1	842.73	830.76	835.61	836.37	0.72	ppb
Sulfur	34-1	-617.52	-474.67	-457.88	-516.69		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.12	0.11	0.12	0.12	5.70	ppb
Thallium	205-1	0.12	0.13	0.13	0.13	2.33	ppb
Tin	118-1	0.26	0.03	0.04	0.11	115.63	ppb
Titanium	47-1	216.64	221.95	222.77	220.45	1.51	ppb

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-13	Instrumnet Name :	P7
Client Sample ID :	MYCZK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:35:42	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.39	0.40	0.40	0.40	1.59	ppb
Vanadium	51-2	61.17	61.23	61.62	61.34	0.39	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	84.52	84.44	85.77	84.91	0.88	ppb
Zirconium	90-1	3.51	3.57	3.58	3.55	1.14	ppb
Zirconium	91-1	3.59	3.58	3.57	3.58	0.23	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-14	Instrumnet Name :	P7
Client Sample ID :	MYCZK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:38:53	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40596.33	40474.03	40481.81	40517.39	0.17	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	9.44	ppb
Arsenic	75-2	41.71	41.89	41.45	41.68	0.53	ppb
Barium	135-1	341.68	348.96	344.64	345.09	1.06	ppb
Barium	137-1	359.03	362.86	358.69	360.19	0.64	ppb
Beryllium	9-1	1.44	1.41	1.38	1.41	2.17	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.00	1.15	0.98	1.04	8.64	ppb
Cadmium	106-1	3.02	3.14	2.40	2.85	13.94	ppb
Cadmium	111-1	0.76	0.71	0.67	0.72	6.32	ppb
Calcium	43-1	43041.03	43819.52	43978.14	43612.90	1.15	ppb
Calcium	44-1	43363.18	43736.31	44264.15	43787.88	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.67	40.41	40.56	40.55	0.33	ppb
Cobalt	59-2	44.95	44.99	45.19	45.04	0.29	ppb
Copper	63-2	80.43	80.59	80.26	80.43	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	73058.89	73512.05	73005.24	73192.06	0.38	ppb
Iron	57-2	71930.86	72010.21	72335.34	72092.14	0.30	ppb
Iron	54-2	73102.93	73068.30	73183.17	73118.13	0.08	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-14	Instrumnet Name :	P7
Client Sample ID :	MYCZK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:38:53	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.31	41.84	42.51	41.89	1.43	ppb
Lead	207-1	42.49	42.86	42.77	42.71	0.46	ppb
Lead	208-1	41.83	42.15	42.30	42.09	0.56	ppb
Lithium	6-1				115		%
Magnesium	24-2	22047.33	21987.93	21997.51	22010.92	0.14	ppb
Manganese	55-2	2294.30	2314.78	2329.77	2312.95	0.77	ppb
Molybdenum	94-1	9.14	9.37	9.30	9.27	1.24	ppb
Molybdenum	95-1	0.18	0.17	0.17	0.17	2.32	ppb
Molybdenum	96-1	1.61	1.64	1.63	1.63	0.76	ppb
Molybdenum	97-1	0.16	0.15	0.15	0.15	3.54	ppb
Molybdenum	98-1	0.15	0.15	0.15	0.15	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.89	41.71	41.90	41.84	0.26	ppb
Phosphorus	31-2	1979.49	1928.03	1939.39	1948.97	1.39	ppb
Potassium	39-2	3614.80	3648.68	3607.59	3623.69	0.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	0.52	0.51	0.36	0.47	19.35	ppb
Selenium	77-2	14.71	11.81	13.34	13.29	10.89	ppb
Selenium	78-2	0.75	3.05	2.30	2.03	57.48	ppb
Silicon	28-1	857.63	877.72	862.45	865.93	1.21	ppb
Silver	107-1	0.22	0.22	0.23	0.22	4.08	ppb
Silver	109-1	0.23	0.23	0.22	0.22	2.93	ppb
Sodium	23-2	434.25	433.06	434.00	433.77	0.14	ppb
Strontium	86-1	2046.30	2078.69	2077.29	2067.43	0.89	ppb
Strontium	88-1	2131.03	2177.44	2131.21	2146.56	1.25	ppb
Sulfur	34-1	-300.30	-181.35	-144.61	-208.75		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.24	0.25	0.24	0.24	1.80	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	1.52	ppb
Tin	118-1	0.04	0.03	0.05	0.04	25.05	ppb
Titanium	47-1	125.56	125.64	126.87	126.02	0.58	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-14	Instrumnet Name :	P7
Client Sample ID :	MYCZK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:38:53	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.68	0.68	0.67	0.68	0.74	ppb
Vanadium	51-2	117.11	116.83	117.52	117.15	0.30	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	222.67	223.30	221.78	222.58	0.34	ppb
Zirconium	90-1	5.04	5.08	5.05	5.06	0.38	ppb
Zirconium	91-1	5.11	5.14	5.19	5.15	0.80	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-15	Instrumnet Name :	P7
Client Sample ID :	MYCZK3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:42:01	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35223.79	34944.54	34916.63	35028.32	0.48	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	11.88	ppb
Arsenic	75-2	29.58	29.70	30.56	29.95	1.77	ppb
Barium	135-1	359.27	358.88	359.97	359.37	0.15	ppb
Barium	137-1	376.36	371.76	375.79	374.64	0.67	ppb
Beryllium	9-1	1.21	1.28	1.26	1.25	3.12	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.64	0.85	0.91	0.80	17.88	ppb
Cadmium	106-1	2.77	2.81	1.99	2.52	18.45	ppb
Cadmium	111-1	0.63	0.64	0.54	0.60	9.50	ppb
Calcium	43-1	30614.60	30547.16	30636.59	30599.45	0.15	ppb
Calcium	44-1	30426.25	30294.46	30520.69	30413.80	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.93	35.24	34.88	35.02	0.55	ppb
Cobalt	59-2	41.76	41.61	41.48	41.62	0.34	ppb
Copper	63-2	74.04	74.49	74.24	74.26	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	66871.65	66914.14	66722.81	66836.20	0.15	ppb
Iron	57-2	66003.65	65952.17	65764.99	65906.94	0.19	ppb
Iron	54-2	67280.01	67121.55	66912.11	67104.56	0.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-15	Instrumnet Name :	P7
Client Sample ID :	MYCZK3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:42:01	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.24	29.41	29.24	29.30	0.33	ppb
Lead	207-1	28.28	28.09	28.34	28.24	0.46	ppb
Lead	208-1	28.47	28.49	28.59	28.52	0.21	ppb
Lithium	6-1				116		%
Magnesium	24-2	20190.73	20043.32	19927.97	20054.01	0.66	ppb
Manganese	55-2	2258.72	2272.95	2282.89	2271.52	0.53	ppb
Molybdenum	94-1	7.06	7.06	6.92	7.01	1.11	ppb
Molybdenum	95-1	0.22	0.24	0.23	0.23	2.42	ppb
Molybdenum	96-1	1.39	1.37	1.37	1.38	0.99	ppb
Molybdenum	97-1	0.20	0.21	0.20	0.20	2.94	ppb
Molybdenum	98-1	0.16	0.18	0.19	0.18	7.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.21	41.72	41.56	41.50	0.62	ppb
Phosphorus	31-2	2647.24	2644.06	2621.77	2637.69	0.53	ppb
Potassium	39-2	3770.23	3755.95	3710.41	3745.53	0.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	0.13	0.48	0.24	0.28	62.31	ppb
Selenium	77-2	11.48	12.41	12.19	12.03	4.06	ppb
Selenium	78-2	2.95	1.88	2.02	2.28	25.46	ppb
Silicon	28-1	621.92	635.47	637.53	631.64	1.34	ppb
Silver	107-1	0.12	0.11	0.12	0.11	5.22	ppb
Silver	109-1	0.10	0.10	0.11	0.11	5.06	ppb
Sodium	23-2	219.30	217.91	220.18	219.13	0.52	ppb
Strontium	86-1	2401.92	2427.72	2415.78	2415.14	0.53	ppb
Strontium	88-1	2437.13	2493.00	2501.21	2477.11	1.41	ppb
Sulfur	34-1	-330.94	-270.51	-225.21	-275.55		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.23	0.23	0.23	2.95	ppb
Thallium	205-1	0.24	0.22	0.23	0.23	4.65	ppb
Tin	118-1	0.10	0.11	0.10	0.11	6.50	ppb
Titanium	47-1	126.78	130.03	130.36	129.06	1.53	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-15	Instrumnet Name :	P7
Client Sample ID :	MYCZK3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:42:01	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.64	0.64	0.64	0.17	ppb
Vanadium	51-2	106.06	105.09	105.90	105.68	0.49	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	180.34	180.03	180.76	180.37	0.20	ppb
Zirconium	90-1	3.73	3.78	3.78	3.76	0.82	ppb
Zirconium	91-1	3.74	3.90	3.74	3.79	2.34	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-16	Instrumnet Name :	P7
Client Sample ID :	MYCZK4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:45:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38849.96	39101.29	38743.19	38898.15	0.47	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.38	ppb
Arsenic	75-2	31.30	30.94	30.78	31.01	0.85	ppb
Barium	135-1	332.19	336.90	338.85	335.98	1.02	ppb
Barium	137-1	352.89	349.93	351.58	351.47	0.42	ppb
Beryllium	9-1	1.33	1.25	1.32	1.30	3.33	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	0.85	0.97	0.96	10.35	ppb
Cadmium	106-1	2.64	2.64	2.64	2.64	0.13	ppb
Cadmium	111-1	0.60	0.61	0.58	0.60	2.23	ppb
Calcium	43-1	28548.81	28997.59	28837.29	28794.56	0.79	ppb
Calcium	44-1	28638.48	29047.33	28942.89	28876.23	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.87	37.32	36.97	37.05	0.64	ppb
Cobalt	59-2	41.94	41.86	42.02	41.94	0.19	ppb
Copper	63-2	80.36	80.57	80.28	80.40	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				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	72352.88	72375.03	72098.11	72275.34	0.21	ppb
Iron	57-2	71504.19	71934.15	71678.46	71705.60	0.30	ppb
Iron	54-2	72716.04	72323.12	72662.00	72567.05	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-16	Instrumnet Name :	P7
Client Sample ID :	MYCZK4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:45:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.73	23.92	24.21	23.95	1.03	ppb
Lead	207-1	22.87	23.08	23.51	23.16	1.40	ppb
Lead	208-1	23.07	23.28	23.53	23.29	0.99	ppb
Lithium	6-1				116		%
Magnesium	24-2	22426.58	22248.27	22108.25	22261.03	0.72	ppb
Manganese	55-2	2240.99	2241.49	2242.72	2241.73	0.04	ppb
Molybdenum	94-1	9.66	9.75	9.70	9.70	0.44	ppb
Molybdenum	95-1	0.19	0.18	0.19	0.18	2.41	ppb
Molybdenum	96-1	1.65	1.63	1.66	1.64	1.00	ppb
Molybdenum	97-1	0.17	0.18	0.16	0.17	3.23	ppb
Molybdenum	98-1	0.17	0.15	0.16	0.16	6.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.91	42.22	42.14	42.09	0.39	ppb
Phosphorus	31-2	2634.82	2603.44	2598.35	2612.20	0.76	ppb
Potassium	39-2	3645.04	3648.38	3623.38	3638.93	0.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	0.45	0.80	0.18	0.48	65.68	ppb
Selenium	77-2	12.43	13.17	12.40	12.67	3.44	ppb
Selenium	78-2	1.97	1.44	1.85	1.75	15.72	ppb
Silicon	28-1	318.18	323.99	323.11	321.76	0.97	ppb
Silver	107-1	0.11	0.11	0.10	0.11	4.14	ppb
Silver	109-1	0.10	0.09	0.10	0.10	5.38	ppb
Sodium	23-2	248.85	249.48	246.77	248.37	0.57	ppb
Strontium	86-1	2524.96	2538.35	2535.21	2532.84	0.28	ppb
Strontium	88-1	2602.80	2593.17	2583.21	2593.06	0.38	ppb
Sulfur	34-1	-369.60	-270.26	-263.65	-301.17		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.25	0.23	0.23	5.13	ppb
Thallium	205-1	0.23	0.24	0.23	0.23	0.78	ppb
Tin	118-1	0.10	0.09	0.09	0.09	7.02	ppb
Titanium	47-1	120.62	123.11	123.84	122.52	1.38	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-16	Instrumnet Name :	P7
Client Sample ID :	MYCZK4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:45:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.64	0.65	0.66	0.65	1.66	ppb
Vanadium	51-2	109.86	109.46	109.06	109.46	0.37	ppb
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	187.95	190.82	190.57	189.78	0.84	ppb
Zirconium	90-1	5.34	5.40	5.39	5.38	0.56	ppb
Zirconium	91-1	5.39	5.41	5.35	5.38	0.62	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-17	Instrumnet Name :	P7
Client Sample ID :	MYCZK5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:48:18	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35676.57	35833.87	36214.69	35908.38	0.77	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.67	ppb
Arsenic	75-2	37.64	37.76	39.05	38.15	2.05	ppb
Barium	135-1	348.48	348.38	346.76	347.87	0.28	ppb
Barium	137-1	367.83	362.57	361.81	364.07	0.90	ppb
Beryllium	9-1	1.23	1.21	1.27	1.24	2.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.09	1.13	0.96	1.06	8.49	ppb
Cadmium	106-1	2.93	3.37	2.67	2.99	11.70	ppb
Cadmium	111-1	0.66	0.69	0.62	0.66	5.05	ppb
Calcium	43-1	29929.72	29387.48	30264.68	29860.63	1.48	ppb
Calcium	44-1	29643.72	29750.09	30142.32	29845.38	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.82	35.35	35.09	35.09	0.76	ppb
Cobalt	59-2	42.12	42.37	42.56	42.35	0.52	ppb
Copper	63-2	75.22	75.08	75.35	75.22	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				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	68898.25	69273.06	68752.92	68974.74	0.39	ppb
Iron	57-2	67195.64	68076.32	67589.68	67620.55	0.65	ppb
Iron	54-2	68731.96	69460.48	69063.69	69085.38	0.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-17	Instrumnet Name :	P7
Client Sample ID :	MYCZK5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:48:18	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.22	34.39	35.04	34.55	1.25	ppb
Lead	207-1	33.31	33.24	34.19	33.58	1.58	ppb
Lead	208-1	33.43	33.44	34.29	33.72	1.46	ppb
Lithium	6-1				116		%
Magnesium	24-2	20099.20	20072.61	20180.18	20117.33	0.28	ppb
Manganese	55-2	2312.19	2333.83	2310.08	2318.70	0.57	ppb
Molybdenum	94-1	8.70	8.69	8.82	8.73	0.87	ppb
Molybdenum	95-1	0.24	0.25	0.23	0.24	5.12	ppb
Molybdenum	96-1	1.57	1.59	1.62	1.59	1.35	ppb
Molybdenum	97-1	0.19	0.22	0.22	0.21	9.30	ppb
Molybdenum	98-1	0.22	0.21	0.21	0.21	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.04	38.82	38.65	38.50	1.06	ppb
Phosphorus	31-2	2312.30	2304.55	2314.83	2310.56	0.23	ppb
Potassium	39-2	3340.54	3387.03	3407.46	3378.34	1.02	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	0.04	0.17	0.31	0.17	78.73	ppb
Selenium	77-2	12.15	12.27	11.11	11.84	5.39	ppb
Selenium	78-2	1.52	3.27	2.30	2.36	37.11	ppb
Silicon	28-1	834.57	841.97	833.88	836.81	0.54	ppb
Silver	107-1	0.15	0.15	0.14	0.15	3.76	ppb
Silver	109-1	0.14	0.14	0.14	0.14	3.13	ppb
Sodium	23-2	268.40	268.87	270.09	269.12	0.32	ppb
Strontium	86-1	2013.26	2038.11	2040.12	2030.50	0.74	ppb
Strontium	88-1	2096.95	2113.12	2079.51	2096.53	0.80	ppb
Sulfur	34-1	-246.31	-177.82	-150.72	-191.61		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.23	0.24	0.25	0.24	5.00	ppb
Thallium	205-1	0.24	0.24	0.23	0.24	3.08	ppb
Tin	118-1	0.04	0.03	0.03	0.04	16.61	ppb
Titanium	47-1	311.95	313.28	312.65	312.63	0.21	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-17	Instrumnet Name :	P7
Client Sample ID :	MYCZK5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:48:18	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.67	0.70	0.67	2.89	ppb
Vanadium	51-2	116.67	117.47	117.35	117.16	0.37	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	187.28	187.50	188.89	187.89	0.46	ppb
Zirconium	90-1	4.65	4.70	4.72	4.69	0.83	ppb
Zirconium	91-1	4.75	4.72	4.83	4.77	1.22	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-18	Instrumnet Name :	P7
Client Sample ID :	MYCZK6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:51:26	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30822.35	30659.59	30883.32	30788.42	0.38	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	8.73	ppb
Arsenic	75-2	22.64	22.41	22.16	22.40	1.08	ppb
Barium	135-1	521.91	530.77	522.94	525.21	0.92	ppb
Barium	137-1	519.05	526.54	524.03	523.21	0.73	ppb
Beryllium	9-1	1.72	1.72	1.66	1.70	2.11	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.12	0.91	1.06	1.03	10.89	ppb
Cadmium	106-1	3.01	2.87	2.59	2.82	7.60	ppb
Cadmium	111-1	0.52	0.52	0.51	0.51	1.36	ppb
Calcium	43-1	21065.73	21256.50	21078.85	21133.70	0.50	ppb
Calcium	44-1	20568.98	20533.10	20353.31	20485.13	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.51	39.59	39.22	39.44	0.49	ppb
Cobalt	59-2	25.81	25.88	25.70	25.80	0.35	ppb
Copper	63-2	52.98	52.76	52.89	52.88	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	44592.38	44349.74	44413.78	44451.97	0.28	ppb
Iron	57-2	43573.05	43811.48	43569.15	43651.23	0.32	ppb
Iron	54-2	44827.62	44511.86	44672.46	44670.65	0.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-18	Instrumnet Name :	P7
Client Sample ID :	MYCZK6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:51:26	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.67	23.70	23.66	23.68	0.07	ppb
Lead	207-1	22.26	22.24	22.29	22.26	0.12	ppb
Lead	208-1	22.64	22.74	22.78	22.72	0.31	ppb
Lithium	6-1				114		%
Magnesium	24-2	15562.99	15537.72	15555.22	15551.98	0.08	ppb
Manganese	55-2	1446.55	1428.56	1434.78	1436.63	0.64	ppb
Molybdenum	94-1	14.06	14.26	14.17	14.16	0.71	ppb
Molybdenum	95-1	0.15	0.16	0.15	0.16	3.65	ppb
Molybdenum	96-1	1.91	1.94	1.92	1.92	0.78	ppb
Molybdenum	97-1	0.16	0.17	0.16	0.16	3.29	ppb
Molybdenum	98-1	0.15	0.15	0.14	0.15	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.37	42.45	42.19	42.34	0.31	ppb
Phosphorus	31-2	2083.99	2054.76	2060.45	2066.40	0.75	ppb
Potassium	39-2	4117.50	4155.96	4106.47	4126.64	0.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	0.43	-0.04	-0.07	0.11	265.77	ppb
Selenium	77-2	15.40	15.29	15.05	15.25	1.15	ppb
Selenium	78-2	3.29	2.30	2.16	2.58	24.00	ppb
Silicon	28-1	827.04	847.69	832.52	835.75	1.28	ppb
Silver	107-1	0.09	0.10	0.10	0.10	3.23	ppb
Silver	109-1	0.09	0.09	0.10	0.09	7.00	ppb
Sodium	23-2	116.87	114.63	115.41	115.64	0.98	ppb
Strontium	86-1	2585.58	2581.10	2581.82	2582.84	0.09	ppb
Strontium	88-1	2667.51	2637.18	2660.62	2655.10	0.60	ppb
Sulfur	34-1	-467.62	-386.63	-414.71	-422.99		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.19	0.20	0.20	0.20	1.71	ppb
Thallium	205-1	0.20	0.21	0.20	0.20	2.71	ppb
Tin	118-1	0.03	0.02	0.05	0.04	38.91	ppb
Titanium	47-1	56.05	56.07	55.31	55.81	0.77	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-18	Instrumnet Name :	P7
Client Sample ID :	MYCZK6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:51:26	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.73	0.74	0.73	1.38	ppb
Vanadium	51-2	68.63	67.96	67.62	68.07	0.76	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	138.02	138.79	138.58	138.46	0.29	ppb
Zirconium	90-1	7.75	7.77	7.84	7.79	0.61	ppb
Zirconium	91-1	7.87	7.84	7.81	7.84	0.36	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-19	Instrumnet Name :	P7
Client Sample ID :	MYCZK7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:54:33	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26262.63	26307.19	26399.50	26323.11	0.27	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	9.29	ppb
Arsenic	75-2	26.83	27.53	27.74	27.37	1.75	ppb
Barium	135-1	379.15	384.67	383.53	382.45	0.76	ppb
Barium	137-1	400.00	407.08	396.23	401.10	1.37	ppb
Beryllium	9-1	1.44	1.51	1.51	1.48	2.73	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.93	2.12	2.23	2.09	7.12	ppb
Cadmium	106-1	4.57	5.17	5.08	4.94	6.51	ppb
Cadmium	111-1	0.72	0.79	0.80	0.77	5.47	ppb
Calcium	43-1	24690.22	25139.70	25320.82	25050.25	1.30	ppb
Calcium	44-1	23978.36	24337.64	24434.28	24250.09	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.61	39.45	39.67	39.57	0.29	ppb
Cobalt	59-2	22.69	22.58	22.77	22.68	0.42	ppb
Copper	63-2	67.03	66.85	67.30	67.06	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	42385.30	42229.76	42157.38	42257.48	0.28	ppb
Iron	57-2	41505.92	41138.96	41511.19	41385.36	0.52	ppb
Iron	54-2	42573.13	41940.55	42370.69	42294.79	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-19	Instrumnet Name :	P7
Client Sample ID :	MYCZK7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:54:33	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.12	54.06	53.46	53.21	1.87	ppb
Lead	207-1	50.71	52.52	51.74	51.66	1.76	ppb
Lead	208-1	51.13	52.85	52.30	52.09	1.68	ppb
Lithium	6-1				116		%
Magnesium	24-2	14477.28	14361.01	14494.12	14444.14	0.50	ppb
Manganese	55-2	1255.97	1242.73	1251.94	1250.21	0.54	ppb
Molybdenum	94-1	32.76	33.77	33.49	33.34	1.57	ppb
Molybdenum	95-1	0.29	0.30	0.28	0.29	2.27	ppb
Molybdenum	96-1	4.03	4.07	4.08	4.06	0.78	ppb
Molybdenum	97-1	0.25	0.27	0.27	0.26	6.09	ppb
Molybdenum	98-1	0.26	0.28	0.28	0.27	3.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.89	40.34	40.49	40.24	0.78	ppb
Phosphorus	31-2	2498.04	2538.75	2541.12	2525.97	0.96	ppb
Potassium	39-2	6948.28	6928.53	7041.01	6972.61	0.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	0.31	-0.07	0.24	0.16	124.06	ppb
Selenium	77-2	13.14	12.61	12.90	12.89	2.04	ppb
Selenium	78-2	0.91	2.29	2.74	1.98	48.09	ppb
Silicon	28-1	822.65	834.98	826.57	828.06	0.76	ppb
Silver	107-1	0.20	0.21	0.20	0.20	4.68	ppb
Silver	109-1	0.19	0.20	0.20	0.20	3.33	ppb
Sodium	23-2	107.69	105.82	106.64	106.72	0.88	ppb
Strontium	86-1	2313.45	2366.10	2350.20	2343.25	1.15	ppb
Strontium	88-1	2327.19	2434.25	2402.33	2387.92	2.30	ppb
Sulfur	34-1	55.70	201.73	238.55	165.33	58.50	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.17	0.19	0.19	0.18	5.69	ppb
Thallium	205-1	0.18	0.19	0.17	0.18	4.05	ppb
Tin	118-1	0.25	0.23	0.24	0.24	4.42	ppb
Titanium	47-1	43.47	43.93	43.77	43.72	0.54	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-19	Instrumnet Name :	P7
Client Sample ID :	MYCZK7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:54:33	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.70	0.67	0.68	3.10	ppb
Vanadium	51-2	64.89	64.53	64.63	64.68	0.29	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	195.68	196.22	196.58	196.16	0.23	ppb
Zirconium	90-1	18.17	18.66	18.53	18.45	1.39	ppb
Zirconium	91-1	18.35	18.87	18.72	18.65	1.42	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-01	Instrumnet Name :	P7
Client Sample ID :	MYCZK9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:57:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28518.32	28408.88	28470.37	28465.86	0.19	ppb
Antimony	121-1	0.36	0.37	0.38	0.37	3.15	ppb
Arsenic	75-2	32.55	31.85	32.26	32.22	1.08	ppb
Barium	135-1	341.37	337.27	342.40	340.35	0.80	ppb
Barium	137-1	356.97	357.78	356.04	356.93	0.24	ppb
Beryllium	9-1	1.44	1.39	1.34	1.39	3.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.17	1.39	1.41	1.33	10.17	ppb
Cadmium	106-1	3.02	2.47	1.77	2.42	25.85	ppb
Cadmium	111-1	0.70	0.66	0.63	0.66	5.19	ppb
Calcium	43-1	13362.24	13423.28	13371.18	13385.57	0.25	ppb
Calcium	44-1	12955.51	12777.51	13034.60	12922.54	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.51	40.49	40.56	40.52	0.09	ppb
Cobalt	59-2	25.04	24.93	25.07	25.01	0.30	ppb
Copper	63-2	72.52	72.03	72.10	72.22	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	60221.50	60057.48	59847.96	60042.31	0.31	ppb
Iron	57-2	59453.04	59672.11	59315.95	59480.36	0.30	ppb
Iron	54-2	60298.66	59687.43	60528.69	60171.60	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-01	Instrumnet Name :	P7
Client Sample ID :	MYCZK9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:57:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.94	40.10	40.10	40.05	0.23	ppb
Lead	207-1	38.63	38.24	38.83	38.57	0.78	ppb
Lead	208-1	39.07	38.90	39.24	39.07	0.44	ppb
Lithium	6-1				113		%
Magnesium	24-2	13506.81	13461.83	13558.75	13509.13	0.36	ppb
Manganese	55-2	1237.92	1233.35	1243.58	1238.28	0.41	ppb
Molybdenum	94-1	13.70	13.97	13.99	13.88	1.17	ppb
Molybdenum	95-1	0.69	0.75	0.75	0.73	4.31	ppb
Molybdenum	96-1	2.52	2.54	2.55	2.54	0.52	ppb
Molybdenum	97-1	0.73	0.66	0.75	0.71	6.49	ppb
Molybdenum	98-1	0.73	0.73	0.72	0.72	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.17	37.72	37.26	37.39	0.79	ppb
Phosphorus	31-2	2658.42	2643.62	2575.90	2625.98	1.68	ppb
Potassium	39-2	7595.78	7589.76	7539.26	7574.93	0.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	0.42	0.49	0.20	0.37	41.19	ppb
Selenium	77-2	14.31	14.32	15.48	14.71	4.58	ppb
Selenium	78-2	1.83	2.47	2.37	2.22	15.54	ppb
Silicon	28-1	1038.36	1040.02	1042.92	1040.43	0.22	ppb
Silver	107-1	0.19	0.19	0.19	0.19	1.22	ppb
Silver	109-1	0.19	0.18	0.18	0.18	2.51	ppb
Sodium	23-2	113.83	113.48	114.79	114.03	0.60	ppb
Strontium	86-1	1598.86	1612.65	1626.46	1612.65	0.86	ppb
Strontium	88-1	1655.28	1656.36	1662.02	1657.89	0.22	ppb
Sulfur	34-1	-115.77	-162.12	-196.79	-158.23		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.23	0.23	0.23	0.15	ppb
Thallium	205-1	0.23	0.23	0.23	0.23	1.07	ppb
Tin	118-1	3.27	3.30	3.33	3.30	1.01	ppb
Titanium	47-1	337.44	337.47	339.75	338.22	0.39	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-01	Instrumnet Name :	P7
Client Sample ID :	MYCZK9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:57:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.79	0.81	0.80	1.34	ppb
Vanadium	51-2	91.65	91.89	92.82	92.12	0.67	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	224.07	222.03	224.72	223.61	0.63	ppb
Zirconium	90-1	7.36	7.45	7.48	7.43	0.85	ppb
Zirconium	91-1	7.53	7.57	7.51	7.54	0.40	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-02	Instrumnet Name :	P7
Client Sample ID :	MYCZL0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:00:50	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26097.66	26040.77	25954.93	26031.12	0.28	ppb
Antimony	121-1	0.47	0.51	0.49	0.49	4.13	ppb
Arsenic	75-2	45.09	44.90	45.47	45.15	0.64	ppb
Barium	135-1	355.01	360.51	360.48	358.67	0.88	ppb
Barium	137-1	377.54	382.61	375.26	378.47	0.99	ppb
Beryllium	9-1	1.37	1.38	1.45	1.40	3.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.72	1.87	1.85	1.81	4.60	ppb
Cadmium	106-1	3.16	3.90	3.34	3.46	11.12	ppb
Cadmium	111-1	1.00	1.10	1.04	1.05	4.81	ppb
Calcium	43-1	10660.99	11035.50	10837.06	10844.52	1.73	ppb
Calcium	44-1	10353.38	10699.98	10597.47	10550.28	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.36	41.22	41.23	41.27	0.18	ppb
Cobalt	59-2	29.75	30.06	30.24	30.02	0.82	ppb
Copper	63-2	100.60	101.10	102.36	101.35	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	63417.83	63998.93	63598.83	63671.86	0.47	ppb
Iron	57-2	62576.68	62551.59	63021.24	62716.50	0.42	ppb
Iron	54-2	63414.80	63801.39	63171.43	63462.54	0.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-02	Instrumnet Name :	P7
Client Sample ID :	MYCZL0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:00:50	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.78	76.45	75.61	75.28	1.81	ppb
Lead	207-1	72.27	75.23	75.12	74.21	2.26	ppb
Lead	208-1	75.85	78.36	76.98	77.06	1.63	ppb
Lithium	6-1				114		%
Magnesium	24-2	11434.16	11462.65	11446.61	11447.80	0.12	ppb
Manganese	55-2	1337.02	1336.15	1335.76	1336.31	0.05	ppb
Molybdenum	94-1	17.56	17.66	17.73	17.65	0.49	ppb
Molybdenum	95-1	0.73	0.73	0.76	0.74	2.79	ppb
Molybdenum	96-1	2.90	3.00	2.95	2.95	1.55	ppb
Molybdenum	97-1	0.74	0.74	0.72	0.73	2.01	ppb
Molybdenum	98-1	0.72	0.71	0.72	0.72	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.73	37.02	37.08	36.95	0.51	ppb
Phosphorus	31-2	2007.33	1993.26	1986.57	1995.72	0.53	ppb
Potassium	39-2	6733.43	6809.06	6791.98	6778.15	0.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	0.62	0.92	0.15	0.57	68.31	ppb
Selenium	77-2	10.26	14.57	14.40	13.08	18.67	ppb
Selenium	78-2	1.23	2.02	2.33	1.86	30.47	ppb
Silicon	28-1	1063.32	1078.75	1066.25	1069.44	0.77	ppb
Silver	107-1	0.53	0.54	0.55	0.54	1.27	ppb
Silver	109-1	0.52	0.54	0.54	0.53	1.52	ppb
Sodium	23-2	88.65	89.20	89.56	89.13	0.52	ppb
Strontium	86-1	1506.09	1530.65	1544.91	1527.22	1.29	ppb
Strontium	88-1	1541.67	1579.83	1590.53	1570.68	1.64	ppb
Sulfur	34-1	-453.76	-360.73	-381.57	-398.69		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.27	0.28	0.27	0.28	2.49	ppb
Thallium	205-1	0.26	0.27	0.27	0.27	3.09	ppb
Tin	118-1	4.82	4.97	4.88	4.89	1.55	ppb
Titanium	47-1	416.33	425.94	423.00	421.75	1.17	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-02	Instrumnet Name :	P7
Client Sample ID :	MYCZL0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:00:50	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.95	0.95	0.94	0.98	ppb
Vanadium	51-2	96.89	97.39	98.20	97.49	0.68	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	258.47	258.75	261.72	259.64	0.69	ppb
Zirconium	90-1	9.34	9.57	9.64	9.51	1.63	ppb
Zirconium	91-1	9.50	9.65	9.68	9.61	1.03	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-03	Instrumnet Name :	P7
Client Sample ID :	MYCZL1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:03:59	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23737.75	23980.32	24203.21	23973.76	0.97	ppb
Antimony	121-1	0.51	0.51	0.52	0.51	1.54	ppb
Arsenic	75-2	49.40	50.29	51.12	50.27	1.72	ppb
Barium	135-1	228.40	231.33	231.72	230.48	0.79	ppb
Barium	137-1	227.93	232.96	230.22	230.37	1.09	ppb
Beryllium	9-1	0.72	0.81	0.74	0.76	6.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.42	1.14	1.33	1.30	11.04	ppb
Cadmium	106-1	1.72	1.91	2.28	1.97	14.46	ppb
Cadmium	111-1	0.54	0.52	0.54	0.53	2.30	ppb
Calcium	43-1	12683.14	12907.24	12858.13	12816.17	0.92	ppb
Calcium	44-1	12314.71	12615.09	12714.87	12548.22	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.01	66.24	65.62	65.96	0.47	ppb
Cobalt	59-2	39.75	40.02	40.00	39.92	0.37	ppb
Copper	63-2	101.30	101.65	101.43	101.46	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				105		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	55882.62	55596.21	55509.24	55662.69	0.35	ppb
Iron	57-2	54977.84	54436.10	55237.03	54883.65	0.74	ppb
Iron	54-2	56093.49	56421.52	55759.98	56091.66	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-03	Instrumnet Name :	P7
Client Sample ID :	MYCZL1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:03:59	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.12	22.71	23.04	22.63	2.06	ppb
Lead	207-1	21.40	21.88	22.40	21.89	2.28	ppb
Lead	208-1	21.58	22.19	22.48	22.08	2.08	ppb
Lithium	6-1				114		%
Magnesium	24-2	14930.97	15062.85	15030.37	15008.06	0.46	ppb
Manganese	55-2	1323.08	1322.24	1320.02	1321.78	0.12	ppb
Molybdenum	94-1	11.56	12.00	11.79	11.78	1.86	ppb
Molybdenum	95-1	0.84	0.84	0.86	0.85	1.72	ppb
Molybdenum	96-1	2.37	2.44	2.37	2.39	1.72	ppb
Molybdenum	97-1	0.80	0.83	0.77	0.80	3.25	ppb
Molybdenum	98-1	0.79	0.83	0.81	0.81	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.18	55.59	55.72	55.83	0.56	ppb
Phosphorus	31-2	1342.73	1343.97	1360.38	1349.02	0.73	ppb
Potassium	39-2	4760.24	4714.07	4757.85	4744.05	0.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	0.14	-0.01	0.34	0.15	114.28	ppb
Selenium	77-2	6.49	7.19	6.41	6.69	6.44	ppb
Selenium	78-2	1.30	0.88	1.25	1.15	20.20	ppb
Silicon	28-1	834.87	832.96	829.58	832.47	0.32	ppb
Silver	107-1	0.17	0.17	0.18	0.17	2.83	ppb
Silver	109-1	0.16	0.16	0.16	0.16	0.43	ppb
Sodium	23-2	226.94	228.50	228.65	228.03	0.42	ppb
Strontium	86-1	1410.59	1457.48	1449.64	1439.24	1.74	ppb
Strontium	88-1	1473.49	1504.80	1490.16	1489.48	1.05	ppb
Sulfur	34-1	-556.15	-434.36	-395.27	-461.93		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.16	0.16	0.16	1.36	ppb
Thallium	205-1	0.16	0.16	0.17	0.16	3.55	ppb
Tin	118-1	1.02	1.08	1.04	1.05	3.19	ppb
Titanium	47-1	354.37	361.93	360.29	358.86	1.11	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-03	Instrumnet Name :	P7
Client Sample ID :	MYCZL1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:03:59	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.61	0.63	0.64	0.62	2.74	ppb
Vanadium	51-2	112.33	113.43	113.41	113.06	0.56	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	144.45	143.90	144.39	144.25	0.21	ppb
Zirconium	90-1	6.08	6.21	6.24	6.18	1.35	ppb
Zirconium	91-1	6.04	6.25	6.27	6.19	2.09	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-04	Instrumnet Name :	P7
Client Sample ID :	MYCZL2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:07:07	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47161.53	47698.42	47811.56	47557.17	0.73	ppb
Antimony	121-1	0.74	0.80	0.84	0.79	6.07	ppb
Arsenic	75-2	154.79	155.10	152.58	154.16	0.89	ppb
Barium	135-1	403.22	408.58	438.85	416.88	4.61	ppb
Barium	137-1	435.67	425.18	471.10	443.98	5.42	ppb
Beryllium	9-1	1.46	1.47	1.56	1.50	3.81	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.93	2.06	2.29	2.09	8.68	ppb
Cadmium	106-1	4.37	4.09	4.03	4.16	4.44	ppb
Cadmium	111-1	1.01	0.95	0.94	0.96	3.74	ppb
Calcium	43-1	16765.78	17158.42	17981.61	17301.94	3.59	ppb
Calcium	44-1	16154.33	16474.43	17521.99	16716.92	4.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72.51	73.30	74.00	73.27	1.02	ppb
Cobalt	59-2	80.78	82.10	82.35	81.74	1.03	ppb
Copper	63-2	191.70	193.77	194.74	193.40	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				103		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	141188.68	141056.48	142022.35	141422.50	0.37	ppb
Iron	57-2	138736.24	138863.10	139188.20	138929.18	0.17	ppb
Iron	54-2	139837.45	142267.22	141222.33	141109.00	0.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-04	Instrumnet Name :	P7
Client Sample ID :	MYCZL2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:07:07	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.79	35.49	38.97	36.75	5.25	ppb
Lead	207-1	35.85	35.73	38.71	36.77	4.59	ppb
Lead	208-1	35.62	35.34	38.68	36.55	5.07	ppb
Lithium	6-1				111		%
Magnesium	24-2	26542.50	27109.57	26885.03	26845.70	1.06	ppb
Manganese	55-2	3650.84	3694.79	3681.89	3675.84	0.61	ppb
Molybdenum	94-1	16.56	16.38	17.40	16.78	3.25	ppb
Molybdenum	95-1	1.03	1.00	1.08	1.04	3.66	ppb
Molybdenum	96-1	3.59	3.65	3.86	3.70	3.91	ppb
Molybdenum	97-1	0.95	1.05	1.10	1.03	7.53	ppb
Molybdenum	98-1	0.97	0.95	1.03	0.98	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.53	75.69	75.07	75.10	0.78	ppb
Phosphorus	31-2	2042.00	2052.67	2068.42	2054.37	0.65	ppb
Potassium	39-2	8201.55	8336.62	8320.92	8286.36	0.89	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.88	0.33	0.63	0.61	45.28	ppb
Selenium	77-2	13.55	11.27	11.17	12.00	11.25	ppb
Selenium	78-2	1.38	2.78	1.72	1.96	37.31	ppb
Silicon	28-1	1233.89	1269.99	1354.25	1286.04	4.80	ppb
Silver	107-1	0.24	0.24	0.25	0.24	1.34	ppb
Silver	109-1	0.21	0.23	0.25	0.23	7.00	ppb
Sodium	23-2	292.70	297.08	297.85	295.88	0.94	ppb
Strontium	86-1	2495.02	2482.68	2684.50	2554.07	4.43	ppb
Strontium	88-1	2573.98	2568.58	2783.54	2642.03	4.64	ppb
Sulfur	34-1	-448.67	-363.66	-137.79	-316.71		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.21	0.21	0.22	0.22	3.18	ppb
Thallium	205-1	0.22	0.21	0.24	0.22	7.00	ppb
Tin	118-1	1.18	1.26	1.36	1.26	7.10	ppb
Titanium	47-1	822.99	828.07	888.83	846.63	4.33	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-04	Instrumnet Name :	P7
Client Sample ID :	MYCZL2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:07:07	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.74	0.80	0.76	4.41	ppb
Vanadium	51-2	309.08	312.82	311.10	311.00	0.60	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	537.61	540.55	544.72	540.96	0.66	ppb
Zirconium	90-1	8.49	8.51	9.28	8.76	5.16	ppb
Zirconium	91-1	8.76	8.76	9.31	8.94	3.55	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-05	Instrumnet Name :	P7
Client Sample ID :	MYCZL3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:10:13	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34845.31	34707.53	34817.50	34790.11	0.21	ppb
Antimony	121-1	0.56	0.57	0.61	0.58	4.69	ppb
Arsenic	75-2	84.51	86.36	85.16	85.34	1.10	ppb
Barium	135-1	235.39	235.86	235.49	235.58	0.10	ppb
Barium	137-1	234.72	236.55	234.00	235.09	0.56	ppb
Beryllium	9-1	1.00	0.91	0.92	0.94	5.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.72	1.76	1.63	1.71	3.95	ppb
Cadmium	106-1	3.67	2.89	2.84	3.13	14.97	ppb
Cadmium	111-1	0.80	0.72	0.77	0.76	5.29	ppb
Calcium	43-1	17265.39	17715.30	17477.15	17485.94	1.29	ppb
Calcium	44-1	16955.70	17334.73	17091.19	17127.21	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.31	100.01	99.98	100.10	0.18	ppb
Cobalt	59-2	62.54	63.04	63.13	62.90	0.50	ppb
Copper	63-2	172.99	171.85	173.32	172.72	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	84588.50	83968.47	84617.69	84391.55	0.43	ppb
Iron	57-2	82953.09	82128.15	83677.61	82919.62	0.93	ppb
Iron	54-2	83930.74	84504.96	84842.69	84426.13	0.55	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-05	Instrumnet Name :	P7
Client Sample ID :	MYCZL3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:10:13	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	47.32	47.69	47.99	47.67	0.71	ppb
Lead	207-1	47.49	48.25	48.18	47.97	0.88	ppb
Lead	208-1	46.96	47.54	47.78	47.43	0.89	ppb
Lithium	6-1				112		%
Magnesium	24-2	21833.08	21920.33	21922.12	21891.84	0.23	ppb
Manganese	55-2	1698.23	1694.53	1692.77	1695.18	0.16	ppb
Molybdenum	94-1	14.57	15.08	15.09	14.92	2.01	ppb
Molybdenum	95-1	0.77	0.76	0.77	0.77	0.58	ppb
Molybdenum	96-1	2.80	2.88	2.89	2.86	1.75	ppb
Molybdenum	97-1	0.76	0.78	0.79	0.78	2.01	ppb
Molybdenum	98-1	0.77	0.75	0.78	0.77	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.59	78.85	78.85	79.10	0.54	ppb
Phosphorus	31-2	1813.55	1756.48	1841.39	1803.81	2.40	ppb
Potassium	39-2	4070.04	4075.84	3995.57	4047.15	1.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	0.44	0.05	0.05	0.18	123.88	ppb
Selenium	77-2	6.08	8.96	7.67	7.57	19.07	ppb
Selenium	78-2	0.85	0.90	0.59	0.78	21.77	ppb
Silicon	28-1	925.91	910.90	916.62	917.81	0.83	ppb
Silver	107-1	0.27	0.28	0.27	0.27	1.79	ppb
Silver	109-1	0.28	0.27	0.29	0.28	4.77	ppb
Sodium	23-2	293.01	292.52	293.21	292.91	0.12	ppb
Strontium	86-1	1785.17	1833.28	1811.96	1810.14	1.33	ppb
Strontium	88-1	1845.80	1875.85	1867.06	1862.90	0.83	ppb
Sulfur	34-1	-421.48	-339.20	-383.47	-381.38		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.17	0.19	0.18	0.18	6.81	ppb
Thallium	205-1	0.18	0.18	0.18	0.18	1.83	ppb
Tin	118-1	1.47	1.43	1.47	1.46	1.82	ppb
Titanium	47-1	477.11	490.86	482.18	483.38	1.44	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-05	Instrumnet Name :	P7
Client Sample ID :	MYCZL3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:10:13	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.65	0.66	0.65	0.52	ppb
Vanadium	51-2	173.80	172.31	174.15	173.42	0.56	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	177.43	177.00	176.52	176.98	0.26	ppb
Zirconium	90-1	7.82	8.07	7.97	7.96	1.57	ppb
Zirconium	91-1	8.06	8.15	8.16	8.12	0.70	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-06	Instrumnet Name :	P7
Client Sample ID :	MYCZL4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:13:21	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35909.91	36019.07	35950.92	35959.96	0.15	ppb
Antimony	121-1	0.30	0.32	0.32	0.32	3.19	ppb
Arsenic	75-2	40.25	40.17	40.49	40.30	0.41	ppb
Barium	135-1	382.06	403.17	402.69	395.98	3.04	ppb
Barium	137-1	402.44	424.03	419.14	415.21	2.73	ppb
Beryllium	9-1	1.63	1.65	1.56	1.61	2.76	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.17	1.97	2.06	2.07	4.63	ppb
Cadmium	106-1	4.59	5.10	4.20	4.63	9.75	ppb
Cadmium	111-1	0.95	1.03	0.94	0.97	5.51	ppb
Calcium	43-1	17617.92	18286.17	17992.18	17965.42	1.86	ppb
Calcium	44-1	16904.82	17691.70	17506.28	17367.60	2.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.58	61.32	60.95	60.95	0.60	ppb
Cobalt	59-2	32.97	33.09	32.97	33.01	0.20	ppb
Copper	63-2	92.20	92.63	92.55	92.46	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				107		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	71249.53	70907.92	71821.85	71326.43	0.65	ppb
Iron	57-2	70751.18	70186.84	70546.28	70494.76	0.41	ppb
Iron	54-2	71218.32	71403.15	71337.57	71319.68	0.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-06	Instrumnet Name :	P7
Client Sample ID :	MYCZL4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:13:21	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.24	48.37	47.30	46.97	3.38	ppb
Lead	207-1	43.15	45.94	45.21	44.76	3.23	ppb
Lead	208-1	43.54	46.58	45.81	45.31	3.49	ppb
Lithium	6-1				114		%
Magnesium	24-2	17306.56	17238.46	17310.82	17285.28	0.23	ppb
Manganese	55-2	1488.06	1477.60	1482.35	1482.67	0.35	ppb
Molybdenum	94-1	24.22	25.84	25.28	25.11	3.28	ppb
Molybdenum	95-1	0.89	0.91	0.91	0.90	0.99	ppb
Molybdenum	96-1	3.82	3.96	3.92	3.90	1.89	ppb
Molybdenum	97-1	0.90	0.94	0.92	0.92	2.07	ppb
Molybdenum	98-1	0.85	0.92	0.90	0.89	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.43	50.88	50.41	50.58	0.53	ppb
Phosphorus	31-2	3127.29	3161.62	3129.54	3139.48	0.61	ppb
Potassium	39-2	6301.25	6325.83	6306.98	6311.35	0.20	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	82-1	0.29	0.59	0.27	0.38	45.87	ppb
Selenium	77-2	14.23	16.18	13.54	14.65	9.37	ppb
Selenium	78-2	1.63	1.49	3.32	2.15	47.35	ppb
Silicon	28-1	763.57	785.37	786.75	778.56	1.67	ppb
Silver	107-1	0.38	0.39	0.37	0.38	2.56	ppb
Silver	109-1	0.35	0.37	0.37	0.36	3.31	ppb
Sodium	23-2	372.93	372.86	370.71	372.16	0.34	ppb
Strontium	86-1	2275.95	2400.73	2356.59	2344.42	2.70	ppb
Strontium	88-1	2351.32	2467.25	2417.89	2412.15	2.41	ppb
Sulfur	34-1	-354.13	-247.24	-314.41	-305.26		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.23	0.25	0.24	0.24	5.08	ppb
Thallium	205-1	0.23	0.26	0.25	0.24	4.91	ppb
Tin	118-1	2.44	2.59	2.63	2.55	3.86	ppb
Titanium	47-1	304.11	316.71	312.29	311.04	2.06	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-06	Instrumnet Name :	P7
Client Sample ID :	MYCZL4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:13:21	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	1.01	1.00	0.99	2.40	ppb
Vanadium	51-2	117.22	117.33	117.43	117.33	0.09	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	268.09	272.61	269.32	270.01	0.87	ppb
Zirconium	90-1	13.14	13.95	13.74	13.61	3.08	ppb
Zirconium	91-1	13.15	14.07	13.77	13.67	3.42	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-07	Instrumnet Name :	P7
Client Sample ID :	MYCZL5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:16:30	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37239.36	37065.25	37115.19	37139.93	0.24	ppb
Antimony	121-1	0.29	0.30	0.32	0.30	4.13	ppb
Arsenic	75-2	41.61	42.33	41.72	41.88	0.92	ppb
Barium	135-1	440.26	443.20	422.85	435.44	2.53	ppb
Barium	137-1	435.33	446.76	442.71	441.60	1.31	ppb
Beryllium	9-1	1.63	1.82	1.84	1.76	6.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.88	1.80	1.95	1.88	4.06	ppb
Cadmium	106-1	5.10	4.57	4.20	4.62	9.84	ppb
Cadmium	111-1	1.05	1.03	1.01	1.03	2.29	ppb
Calcium	43-1	18911.91	19219.51	19385.26	19172.22	1.25	ppb
Calcium	44-1	18425.99	18632.44	18745.91	18601.45	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.43	65.19	65.11	65.24	0.25	ppb
Cobalt	59-2	35.28	35.18	35.03	35.16	0.36	ppb
Copper	63-2	104.47	104.63	103.90	104.33	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	75051.62	76011.00	75217.51	75426.71	0.68	ppb
Iron	57-2	74846.15	74823.30	73848.64	74506.03	0.76	ppb
Iron	54-2	75026.38	76131.99	75321.38	75493.25	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-07	Instrumnet Name :	P7
Client Sample ID :	MYCZL5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:16:30	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	42.58	43.32	43.87	43.26	1.50	ppb
Lead	207-1	40.68	41.62	41.80	41.37	1.45	ppb
Lead	208-1	41.34	42.26	42.41	42.00	1.39	ppb
Lithium	6-1				115		%
Magnesium	24-2	18195.59	18108.05	18279.19	18194.28	0.47	ppb
Manganese	55-2	1590.67	1595.74	1587.32	1591.24	0.27	ppb
Molybdenum	94-1	24.76	24.98	24.98	24.91	0.53	ppb
Molybdenum	95-1	0.79	0.86	0.83	0.82	4.27	ppb
Molybdenum	96-1	3.88	3.79	3.89	3.86	1.42	ppb
Molybdenum	97-1	0.80	0.81	0.80	0.80	0.77	ppb
Molybdenum	98-1	0.78	0.80	0.80	0.80	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.04	56.98	57.39	57.13	0.39	ppb
Phosphorus	31-2	3451.53	3420.73	3482.71	3451.65	0.90	ppb
Potassium	39-2	6672.64	6693.90	6677.03	6681.19	0.17	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	0.58	0.25	0.00	0.28	102.94	ppb
Selenium	77-2	13.44	15.32	14.81	14.52	6.71	ppb
Selenium	78-2	3.67	2.76	3.57	3.33	14.92	ppb
Silicon	28-1	1302.78	1326.54	1328.01	1319.11	1.07	ppb
Silver	107-1	0.40	0.40	0.40	0.40	0.84	ppb
Silver	109-1	0.37	0.38	0.41	0.39	5.40	ppb
Sodium	23-2	249.82	249.88	250.27	249.99	0.10	ppb
Strontium	86-1	2348.99	2398.74	2410.11	2385.95	1.36	ppb
Strontium	88-1	2414.48	2450.79	2472.29	2445.85	1.19	ppb
Sulfur	34-1	-305.07	-252.40	-252.20	-269.89		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.26	0.27	0.27	0.27	2.32	ppb
Thallium	205-1	0.25	0.25	0.26	0.26	1.77	ppb
Tin	118-1	1.85	1.89	1.82	1.86	1.89	ppb
Titanium	47-1	295.98	298.57	306.13	300.23	1.76	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-07	Instrumnet Name :	P7
Client Sample ID :	MYCZL5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:16:30	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	1.02	1.02	1.01	1.45	ppb
Vanadium	51-2	120.68	120.73	120.87	120.76	0.08	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	258.05	259.05	257.87	258.32	0.25	ppb
Zirconium	90-1	13.32	13.48	13.61	13.47	1.09	ppb
Zirconium	91-1	13.43	13.68	13.56	13.55	0.91	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-08	Instrumnet Name :	P7
Client Sample ID :	MYCZL6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:19:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35970.50	36414.83	36478.99	36288.10	0.76	ppb
Antimony	121-1	0.71	0.72	0.71	0.71	0.40	ppb
Arsenic	75-2	39.49	39.18	39.84	39.50	0.84	ppb
Barium	135-1	455.32	461.63	467.42	461.45	1.31	ppb
Barium	137-1	451.95	458.95	466.26	459.05	1.56	ppb
Beryllium	9-1	1.83	1.66	1.67	1.72	5.56	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.49	2.41	2.74	2.55	6.73	ppb
Cadmium	106-1	4.31	4.78	4.58	4.56	5.24	ppb
Cadmium	111-1	1.71	1.78	1.71	1.74	2.35	ppb
Calcium	43-1	16173.01	16542.66	16635.18	16450.28	1.49	ppb
Calcium	44-1	15914.78	15979.04	15981.66	15958.49	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.09	68.60	67.65	67.78	1.13	ppb
Cobalt	59-2	35.71	36.12	35.71	35.85	0.66	ppb
Copper	63-2	163.10	164.92	164.01	164.01	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	83739.55	84135.23	83984.35	83953.04	0.24	ppb
Iron	57-2	82008.32	83401.72	82899.07	82769.70	0.85	ppb
Iron	54-2	83678.30	84698.05	83213.37	83863.24	0.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-08	Instrumnet Name :	P7
Client Sample ID :	MYCZL6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:19:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.46	84.48	85.60	84.18	1.89	ppb
Lead	207-1	77.46	78.38	80.67	78.84	2.09	ppb
Lead	208-1	82.65	84.48	85.56	84.23	1.75	ppb
Lithium	6-1				114		%
Magnesium	24-2	18150.36	18185.70	18391.11	18242.39	0.71	ppb
Manganese	55-2	1641.42	1659.15	1631.51	1644.03	0.85	ppb
Molybdenum	94-1	21.40	22.08	22.00	21.83	1.70	ppb
Molybdenum	95-1	0.93	0.89	0.88	0.90	2.78	ppb
Molybdenum	96-1	3.65	3.68	3.66	3.66	0.48	ppb
Molybdenum	97-1	0.84	0.89	0.92	0.88	4.62	ppb
Molybdenum	98-1	0.90	0.87	0.91	0.89	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.75	62.19	62.02	61.99	0.35	ppb
Phosphorus	31-2	2943.86	2967.24	2989.27	2966.79	0.77	ppb
Potassium	39-2	5579.47	5552.09	5546.80	5559.45	0.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	-0.23	0.33	0.09	0.06	444.00	ppb
Selenium	77-2	16.65	15.08	16.31	16.01	5.17	ppb
Selenium	78-2	3.87	2.84	2.08	2.93	30.70	ppb
Silicon	28-1	1119.61	1171.27	1140.39	1143.76	2.27	ppb
Silver	107-1	0.25	0.25	0.24	0.25	2.00	ppb
Silver	109-1	0.23	0.24	0.25	0.24	3.88	ppb
Sodium	23-2	264.19	268.08	267.16	266.48	0.76	ppb
Strontium	86-1	2319.87	2374.39	2342.86	2345.71	1.17	ppb
Strontium	88-1	2383.90	2411.34	2428.10	2407.78	0.93	ppb
Sulfur	34-1	-570.24	-471.63	-475.86	-505.91		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.27	0.25	0.28	0.27	6.14	ppb
Thallium	205-1	0.25	0.26	0.27	0.26	3.94	ppb
Tin	118-1	7.46	7.70	7.69	7.62	1.77	ppb
Titanium	47-1	333.13	337.87	341.36	337.45	1.22	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-08	Instrumnet Name :	P7
Client Sample ID :	MYCZL6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:19:36	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.96	0.98	0.95	2.91	ppb
Vanadium	51-2	116.85	118.23	117.78	117.62	0.60	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	336.87	340.28	336.62	337.92	0.61	ppb
Zirconium	90-1	11.59	11.74	11.85	11.73	1.12	ppb
Zirconium	91-1	11.73	11.90	11.73	11.79	0.83	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-09	Instrumnet Name :	P7
Client Sample ID :	MYCZL7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:22:42	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29469.13	29194.27	28730.88	29131.43	1.28	ppb
Antimony	121-1	0.44	0.47	0.47	0.46	3.80	ppb
Arsenic	75-2	55.14	54.26	53.84	54.41	1.22	ppb
Barium	135-1	321.21	323.48	322.89	322.52	0.36	ppb
Barium	137-1	332.63	339.61	341.34	337.86	1.36	ppb
Beryllium	9-1	1.41	1.49	1.49	1.46	3.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.69	1.82	1.55	1.69	7.98	ppb
Cadmium	106-1	3.88	3.31	2.50	3.23	21.49	ppb
Cadmium	111-1	1.17	1.17	1.09	1.15	4.19	ppb
Calcium	43-1	11721.83	11629.36	11718.60	11689.93	0.45	ppb
Calcium	44-1	11475.91	11322.45	11431.48	11409.95	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.16	40.68	40.49	40.77	0.85	ppb
Cobalt	59-2	38.58	38.01	38.01	38.20	0.86	ppb
Copper	63-2	98.25	96.14	95.89	96.76	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	67215.62	67139.29	66502.95	66952.62	0.58	ppb
Iron	57-2	66833.37	65472.99	65038.83	65781.73	1.42	ppb
Iron	54-2	67168.52	66689.44	66502.85	66786.94	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-09	Instrumnet Name :	P7
Client Sample ID :	MYCZL7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:22:42	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.60	63.05	61.63	62.09	1.33	ppb
Lead	207-1	61.15	62.64	61.67	61.82	1.23	ppb
Lead	208-1	60.73	62.21	61.30	61.41	1.22	ppb
Lithium	6-1				113		%
Magnesium	24-2	12742.09	12463.64	12482.36	12562.70	1.24	ppb
Manganese	55-2	1226.61	1227.02	1212.18	1221.94	0.69	ppb
Molybdenum	94-1	13.57	13.70	13.28	13.52	1.58	ppb
Molybdenum	95-1	0.71	0.65	0.69	0.69	4.48	ppb
Molybdenum	96-1	2.50	2.55	2.41	2.48	2.86	ppb
Molybdenum	97-1	0.63	0.69	0.69	0.67	5.41	ppb
Molybdenum	98-1	0.65	0.67	0.65	0.66	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.99	37.15	37.30	37.15	0.42	ppb
Phosphorus	31-2	2120.19	2077.35	2077.56	2091.70	1.18	ppb
Potassium	39-2	7568.05	7459.99	7376.71	7468.25	1.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	0.57	0.78	0.47	0.61	26.10	ppb
Selenium	77-2	14.07	16.44	11.36	13.96	18.20	ppb
Selenium	78-2	2.63	2.82	2.70	2.72	3.55	ppb
Silicon	28-1	1012.05	1004.98	1009.96	1008.99	0.36	ppb
Silver	107-1	0.37	0.37	0.38	0.37	1.43	ppb
Silver	109-1	0.37	0.36	0.40	0.38	4.79	ppb
Sodium	23-2	96.99	93.86	94.93	95.26	1.67	ppb
Strontium	86-1	1621.09	1641.82	1624.89	1629.27	0.68	ppb
Strontium	88-1	1673.01	1690.07	1667.52	1676.87	0.70	ppb
Sulfur	34-1	-362.53	-344.04	-348.43	-351.67		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.29	0.28	0.29	0.29	2.77	ppb
Thallium	205-1	0.27	0.29	0.28	0.28	2.17	ppb
Tin	118-1	1.62	1.64	1.63	1.63	0.57	ppb
Titanium	47-1	334.51	329.12	339.81	334.48	1.60	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-09	Instrumnet Name :	P7
Client Sample ID :	MYCZL7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:22:42	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.90	0.86	0.87	2.66	ppb
Vanadium	51-2	108.15	106.38	105.94	106.83	1.10	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	272.98	265.78	268.88	269.21	1.34	ppb
Zirconium	90-1	7.18	7.20	7.21	7.20	0.25	ppb
Zirconium	91-1	7.16	7.43	7.18	7.26	2.10	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-10	Instrumnet Name :	P7
Client Sample ID :	MYCZL8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:25:50	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36167.23	35924.09	35423.02	35838.12	1.06	ppb
Antimony	121-1	0.49	0.51	0.50	0.50	2.34	ppb
Arsenic	75-2	52.63	52.82	53.00	52.82	0.36	ppb
Barium	135-1	536.31	547.37	549.75	544.48	1.32	ppb
Barium	137-1	528.10	537.47	541.03	535.53	1.25	ppb
Beryllium	9-1	1.82	1.96	1.79	1.86	5.06	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.20	1.79	1.75	1.91	13.02	ppb
Cadmium	106-1	3.74	4.01	3.96	3.90	3.70	ppb
Cadmium	111-1	1.15	1.20	1.18	1.18	2.05	ppb
Calcium	43-1	20224.33	20518.57	20547.80	20430.23	0.88	ppb
Calcium	44-1	19806.66	19812.56	19863.13	19827.45	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.57	49.92	49.99	50.16	0.72	ppb
Cobalt	59-2	33.43	32.96	32.80	33.06	0.98	ppb
Copper	63-2	112.53	111.37	111.68	111.86	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	75674.68	74827.33	75856.05	75452.69	0.73	ppb
Iron	57-2	74461.65	74487.35	73010.23	73986.41	1.14	ppb
Iron	54-2	76401.75	75418.45	75926.69	75915.63	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-10	Instrumnet Name :	P7
Client Sample ID :	MYCZL8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:25:50	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.76	54.70	54.94	54.47	1.15	ppb
Lead	207-1	53.54	52.91	54.06	53.50	1.08	ppb
Lead	208-1	53.35	53.70	53.94	53.67	0.55	ppb
Lithium	6-1				113		%
Magnesium	24-2	16078.51	16187.85	16153.61	16139.99	0.35	ppb
Manganese	55-2	2020.35	1996.91	2017.75	2011.67	0.64	ppb
Molybdenum	94-1	19.66	20.30	19.91	19.95	1.63	ppb
Molybdenum	95-1	3.57	3.59	3.52	3.56	0.96	ppb
Molybdenum	96-1	5.70	5.81	5.76	5.76	0.99	ppb
Molybdenum	97-1	3.51	3.69	3.56	3.59	2.68	ppb
Molybdenum	98-1	3.54	3.50	3.50	3.51	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.15	51.73	52.03	51.97	0.42	ppb
Phosphorus	31-2	3096.95	3080.57	3071.03	3082.85	0.43	ppb
Potassium	39-2	9534.70	9324.32	9404.10	9421.04	1.13	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	0.15	1.21	0.71	0.69	77.00	ppb
Selenium	77-2	17.55	16.85	16.94	17.11	2.23	ppb
Selenium	78-2	2.42	2.51	4.82	3.25	41.92	ppb
Silicon	28-1	1071.74	1101.50	1090.26	1087.83	1.38	ppb
Silver	107-1	0.39	0.40	0.40	0.39	1.84	ppb
Silver	109-1	0.38	0.39	0.39	0.38	0.52	ppb
Sodium	23-2	246.20	242.89	246.42	245.17	0.81	ppb
Strontium	86-1	2811.90	2834.08	2828.74	2824.91	0.41	ppb
Strontium	88-1	2899.99	2936.74	2886.25	2907.66	0.90	ppb
Sulfur	34-1	-73.59	8.79	72.84	2.68	2735.39	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.35	0.35	0.34	0.35	1.89	ppb
Thallium	205-1	0.35	0.34	0.33	0.34	2.84	ppb
Tin	118-1	1.23	1.23	1.25	1.24	1.07	ppb
Titanium	47-1	334.10	337.93	338.18	336.73	0.68	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-10	Instrumnet Name :	P7
Client Sample ID :	MYCZL8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:25:50	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.98	1.00	0.98	2.31	ppb
Vanadium	51-2	111.65	111.17	111.35	111.39	0.22	ppb
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	272.37	266.79	269.62	269.59	1.03	ppb
Zirconium	90-1	9.39	9.53	9.43	9.45	0.74	ppb
Zirconium	91-1	9.47	9.49	9.64	9.53	0.99	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-11	Instrumnet Name :	P7
Client Sample ID :	MYCZL9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:28:59	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28100.57	28059.74	28114.49	28091.60	0.10	ppb
Antimony	121-1	1.09	1.16	1.17	1.14	3.90	ppb
Arsenic	75-2	56.91	56.07	55.46	56.15	1.29	ppb
Barium	135-1	341.40	365.25	369.03	358.56	4.18	ppb
Barium	137-1	365.56	387.38	382.91	378.62	3.04	ppb
Beryllium	9-1	1.42	1.32	1.41	1.38	4.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	1.71	1.68	1.61	8.70	ppb
Cadmium	106-1	3.04	2.43	3.43	2.97	17.12	ppb
Cadmium	111-1	0.74	0.75	0.81	0.77	4.24	ppb
Calcium	43-1	20543.49	21636.77	21974.65	21384.97	3.50	ppb
Calcium	44-1	19837.61	21161.75	21114.53	20704.63	3.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.65	46.27	46.34	46.09	0.83	ppb
Cobalt	59-2	27.11	27.10	27.33	27.18	0.47	ppb
Copper	63-2	114.03	114.87	115.32	114.74	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				106		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	67525.14	68322.39	68933.57	68260.37	1.03	ppb
Iron	57-2	66889.40	67140.02	68195.70	67408.37	1.03	ppb
Iron	54-2	67748.02	68412.97	69428.91	68529.96	1.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-11	Instrumnet Name :	P7
Client Sample ID :	MYCZL9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:28:59	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	63.75	66.92	69.44	66.70	4.27	ppb
Lead	207-1	65.80	68.38	70.61	68.26	3.53	ppb
Lead	208-1	64.40	67.79	69.55	67.24	3.90	ppb
Lithium	6-1				114		%
Magnesium	24-2	14519.93	14579.24	14569.60	14556.26	0.22	ppb
Manganese	55-2	1279.04	1295.07	1298.32	1290.81	0.80	ppb
Molybdenum	94-1	13.45	13.80	13.97	13.74	1.90	ppb
Molybdenum	95-1	1.32	1.40	1.48	1.40	5.64	ppb
Molybdenum	96-1	3.03	3.14	3.23	3.13	3.10	ppb
Molybdenum	97-1	1.38	1.38	1.41	1.39	1.23	ppb
Molybdenum	98-1	1.31	1.43	1.42	1.39	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.20	38.45	38.78	38.48	0.76	ppb
Phosphorus	31-2	2798.42	2834.01	2876.07	2836.17	1.37	ppb
Potassium	39-2	9278.78	9336.85	9220.48	9278.71	0.63	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	0.59	0.45	0.36	0.47	25.05	ppb
Selenium	77-2	14.27	12.39	12.71	13.12	7.67	ppb
Selenium	78-2	3.73	2.43	2.05	2.73	32.24	ppb
Silicon	28-1	1195.25	1274.19	1282.30	1250.58	3.85	ppb
Silver	107-1	0.42	0.47	0.46	0.45	5.48	ppb
Silver	109-1	0.42	0.46	0.45	0.45	4.48	ppb
Sodium	23-2	655.77	661.60	667.77	661.72	0.91	ppb
Strontium	86-1	3802.02	3995.39	4039.98	3945.80	3.21	ppb
Strontium	88-1	3939.93	4079.86	4131.54	4050.44	2.45	ppb
Sulfur	34-1	499.88	712.34	826.73	679.65	24.40	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.25	0.26	0.26	0.25	2.86	ppb
Thallium	205-1	0.24	0.26	0.27	0.25	5.39	ppb
Tin	118-1	1.65	1.78	1.87	1.76	6.11	ppb
Titanium	47-1	338.20	360.95	366.18	355.11	4.19	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-11	Instrumnet Name :	P7
Client Sample ID :	MYCZL9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:28:59	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.83	0.84	0.82	3.30	ppb
Vanadium	51-2	105.85	106.61	107.40	106.62	0.72	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	387.77	391.45	393.09	390.77	0.70	ppb
Zirconium	90-1	6.71	7.04	7.24	7.00	3.83	ppb
Zirconium	91-1	6.87	7.12	7.32	7.10	3.21	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-12	Instrumnet Name :	P7
Client Sample ID :	MYCZM0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:32:06	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37531.27	36702.52	37217.38	37150.39	1.13	ppb
Antimony	121-1	0.44	0.46	0.43	0.44	4.00	ppb
Arsenic	75-2	42.05	41.83	41.73	41.87	0.39	ppb
Barium	135-1	442.29	425.33	420.51	429.37	2.66	ppb
Barium	137-1	442.71	443.56	439.33	441.87	0.51	ppb
Beryllium	9-1	1.78	1.72	1.78	1.76	1.91	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.80	1.84	1.39	1.68	14.65	ppb
Cadmium	106-1	4.53	3.58	2.86	3.66	22.82	ppb
Cadmium	111-1	0.90	0.83	0.77	0.83	7.56	ppb
Calcium	43-1	18472.64	18574.56	18918.01	18655.07	1.25	ppb
Calcium	44-1	18059.22	18133.56	18268.10	18153.63	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.54	53.91	53.84	54.09	0.72	ppb
Cobalt	59-2	33.27	33.15	33.19	33.20	0.19	ppb
Copper	63-2	86.30	85.61	86.42	86.11	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				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	71267.10	71426.89	71148.38	71280.79	0.20	ppb
Iron	57-2	69751.05	70679.87	70725.71	70385.55	0.78	ppb
Iron	54-2	71423.39	71070.28	71217.33	71237.00	0.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-12	Instrumnet Name :	P7
Client Sample ID :	MYCZM0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:32:06	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.93	36.58	36.07	36.19	0.95	ppb
Lead	207-1	34.79	35.28	34.60	34.89	1.01	ppb
Lead	208-1	34.96	35.67	34.95	35.19	1.18	ppb
Lithium	6-1				112		%
Magnesium	24-2	16392.94	16308.20	16437.01	16379.39	0.40	ppb
Manganese	55-2	1505.18	1513.53	1515.06	1511.26	0.35	ppb
Molybdenum	94-1	19.02	19.26	19.18	19.16	0.65	ppb
Molybdenum	95-1	0.68	0.65	0.67	0.67	2.21	ppb
Molybdenum	96-1	3.02	3.02	3.03	3.02	0.24	ppb
Molybdenum	97-1	0.62	0.61	0.59	0.61	2.44	ppb
Molybdenum	98-1	0.61	0.66	0.64	0.64	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.11	47.54	48.04	47.90	0.65	ppb
Phosphorus	31-2	2263.83	2288.48	2303.25	2285.19	0.87	ppb
Potassium	39-2	7523.70	7418.17	7543.49	7495.12	0.90	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	0.44	0.04	0.19	0.22	89.23	ppb
Selenium	77-2	15.36	16.28	16.20	15.95	3.22	ppb
Selenium	78-2	3.71	3.33	3.02	3.35	10.36	ppb
Silicon	28-1	1131.69	1138.49	1167.32	1145.83	1.65	ppb
Silver	107-1	0.22	0.21	0.21	0.22	2.49	ppb
Silver	109-1	0.21	0.21	0.21	0.21	2.06	ppb
Sodium	23-2	184.13	180.48	182.57	182.39	1.01	ppb
Strontium	86-1	2347.94	2378.62	2360.52	2362.36	0.65	ppb
Strontium	88-1	2441.79	2461.17	2451.01	2451.33	0.40	ppb
Sulfur	34-1	-251.43	-272.22	-184.93	-236.19		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.26	0.26	0.25	0.26	1.88	ppb
Thallium	205-1	0.25	0.26	0.25	0.25	1.22	ppb
Tin	118-1	1.18	1.22	1.23	1.21	2.07	ppb
Titanium	47-1	297.13	298.65	302.99	299.59	1.01	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-12	Instrumnet Name :	P7
Client Sample ID :	MYCZM0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:32:06	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.90	0.87	0.88	1.97	ppb
Vanadium	51-2	115.44	114.20	114.86	114.84	0.54	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	215.76	214.26	215.55	215.19	0.38	ppb
Zirconium	90-1	10.33	10.36	10.47	10.39	0.71	ppb
Zirconium	91-1	10.41	10.62	10.53	10.52	1.03	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:35:16	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50138.53	50229.38	49893.36	50087.09	0.35	ppb
Antimony	121-1	496.29	497.04	496.75	496.70	0.08	ppb
Arsenic	75-2	485.69	491.91	486.52	488.04	0.69	ppb
Barium	135-1	2528.81	2481.18	2535.76	2515.25	1.18	ppb
Barium	137-1	2536.59	2502.99	2532.46	2524.01	0.73	ppb
Beryllium	9-1	497.58	501.60	496.15	498.44	0.57	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	494.39	489.77	488.46	490.87	0.63	ppb
Cadmium	106-1	488.53	483.66	491.10	487.76	0.77	ppb
Cadmium	111-1	466.71	460.47	483.06	470.08	2.48	ppb
Calcium	43-1	248352.61	247322.04	245531.23	247068.63	0.58	ppb
Calcium	44-1	249002.89	246524.28	245638.30	247055.16	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.43	492.60	488.59	492.21	0.70	ppb
Cobalt	59-2	484.28	491.35	484.75	486.80	0.81	ppb
Copper	63-2	4775.23	4751.12	4688.27	4738.21	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				99		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	127185.90	127047.04	125900.83	126711.25	0.56	ppb
Iron	57-2	127495.47	126386.19	124471.19	126117.62	1.21	ppb
Iron	54-2	126942.57	127775.74	126364.50	127027.60	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:35:16	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2496.05	2562.72	2549.48	2536.09	1.39	ppb
Lead	207-1	2501.54	2510.72	2534.24	2515.50	0.67	ppb
Lead	208-1	2506.50	2525.90	2539.39	2523.93	0.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	244353.54	245427.32	244554.74	244778.54	0.23	ppb
Manganese	55-2	4886.98	4929.00	4873.64	4896.54	0.59	ppb
Molybdenum	94-1	4949.46	5025.70	5046.28	5007.15	1.02	ppb
Molybdenum	95-1	4961.37	5002.65	5081.52	5015.18	1.22	ppb
Molybdenum	96-1	4973.25	5007.18	5094.37	5024.94	1.24	ppb
Molybdenum	97-1	4952.74	5019.65	5056.10	5009.50	1.05	ppb
Molybdenum	98-1	4945.33	4989.92	5063.31	4999.52	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.30	461.70	459.07	461.36	0.46	ppb
Phosphorus	31-2	10082.88	9922.83	9861.10	9955.61	1.15	ppb
Potassium	39-2	121826.14	123786.56	122902.48	122838.40	0.80	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	82-1	465.14	476.38	479.07	473.53	1.56	ppb
Selenium	77-2	470.77	487.98	505.04	487.93	3.51	ppb
Selenium	78-2	470.41	468.87	478.53	472.60	1.10	ppb
Silicon	28-1	200.60	204.87	204.89	203.45	1.22	ppb
Silver	107-1	485.46	480.33	485.69	483.83	0.63	ppb
Silver	109-1	488.84	488.14	489.66	488.88	0.16	ppb
Sodium	23-2	246023.15	246598.49	245741.16	246120.93	0.18	ppb
Strontium	86-1	12473.88	12543.77	12691.17	12569.61	0.88	ppb
Strontium	88-1	12416.02	12488.82	12688.65	12531.16	1.13	ppb
Sulfur	34-1	9241.46	9235.95	9204.87	9227.43	0.21	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	503.40	507.29	517.86	509.52	1.47	ppb
Thallium	205-1	504.84	513.02	508.08	508.65	0.81	ppb
Tin	118-1	497.20	500.00	499.94	499.05	0.32	ppb
Titanium	47-1	4976.04	4947.10	5028.04	4983.73	0.82	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:35:16	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	509.18	514.16	520.52	514.62	1.10	ppb
Vanadium	51-2	501.41	507.31	501.31	503.34	0.68	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	4619.88	4615.68	4609.70	4615.09	0.11	ppb
Zirconium	90-1	498.14	501.47	504.86	501.49	0.67	ppb
Zirconium	91-1	506.22	502.66	506.23	505.04	0.41	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:37:59	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.06	3.38	3.37	3.60	10.94	ppb
Antimony	121-1	0.24	0.21	0.19	0.21	11.79	ppb
Arsenic	75-2	0.07	0.05	0.03	0.05	47.90	ppb
Barium	135-1	0.35	0.36	0.30	0.34	9.26	ppb
Barium	137-1	0.40	0.35	0.30	0.35	14.45	ppb
Beryllium	9-1	0.15	0.13	0.08	0.12	29.06	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.12	0.06	0.10	30.47	ppb
Cadmium	106-1	0.69	0.28	-0.17	0.26	162.56	ppb
Cadmium	111-1	0.16	0.10	0.06	0.11	49.86	ppb
Calcium	43-1	41.13	37.44	32.37	36.98	11.89	ppb
Calcium	44-1	34.79	34.49	27.57	32.28	12.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.02	0.04	0.03	37.01	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	11.46	ppb
Copper	63-2	0.40	0.34	0.30	0.35	14.54	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				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	12.48	10.84	9.52	10.95	13.56	ppb
Iron	57-2	11.48	9.90	7.90	9.76	18.38	ppb
Iron	54-2	12.43	9.86	9.01	10.43	17.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:37:59	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.39	0.35	0.30	0.35	12.93	ppb
Lead	207-1	0.37	0.35	0.28	0.33	13.92	ppb
Lead	208-1	0.37	0.35	0.29	0.34	11.42	ppb
Lithium	6-1				112		%
Magnesium	24-2	21.89	18.55	15.99	18.81	15.74	ppb
Manganese	55-2	0.40	0.33	0.29	0.34	15.59	ppb
Molybdenum	94-1	0.86	0.80	0.65	0.77	13.89	ppb
Molybdenum	95-1	0.80	0.79	0.64	0.74	12.48	ppb
Molybdenum	96-1	0.84	0.78	0.67	0.76	11.60	ppb
Molybdenum	97-1	0.85	0.76	0.64	0.75	14.06	ppb
Molybdenum	98-1	0.84	0.78	0.65	0.76	12.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.04	0.02	70.77	ppb
Phosphorus	31-2	-17.52	-22.06	-18.92	-19.50		ppb
Potassium	39-2	10.06	8.22	6.61	8.30	20.83	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	82-1	-0.14	-0.28	-0.22	-0.22		ppb
Selenium	77-2	0.00	0.29	0.00	0.10	173.21	ppb
Selenium	78-2	-0.54	-0.56	-0.47	-0.52		ppb
Silicon	28-1	-8.44	-6.71	-6.36	-7.17		ppb
Silver	107-1	0.12	0.10	0.09	0.11	15.08	ppb
Silver	109-1	0.12	0.10	0.10	0.11	11.26	ppb
Sodium	23-2	27.28	23.50	20.99	23.92	13.22	ppb
Strontium	86-1	1.43	1.31	1.34	1.36	4.52	ppb
Strontium	88-1	1.87	1.72	1.49	1.69	11.12	ppb
Sulfur	34-1	-192.56	-32.19	-23.55	-82.77		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.12	0.10	0.09	0.10	12.53	ppb
Thallium	205-1	0.10	0.10	0.08	0.09	10.17	ppb
Tin	118-1	0.10	0.09	0.07	0.09	18.56	ppb
Titanium	47-1	0.80	0.77	0.59	0.72	15.68	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:37:59	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.07	0.05	0.06	13.09	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	7.33	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	0.01	0.13	0.03	0.06	119.18	ppb
Zirconium	90-1	0.09	0.08	0.08	0.08	5.53	ppb
Zirconium	91-1	0.09	0.07	0.09	0.08	11.76	ppb

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:34:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	270	270	333	291	12.56	cps
Antimony	121-1	83	63	30	59	45.75	cps
Arsenic	75-2	17	7	10	11	45.82	cps
Barium	135-1	67	60	47	58	17.62	cps
Barium	137-1	110	83	97	97	13.79	cps
Beryllium	9-1	57	33	50	47	25.76	cps
Bismuth	209-1	9290310	9191849	9043709	9175289	1.35	cps
Bismuth	209-2	7756403	7754676	7726476	7745852	0.22	cps
Bromine	81-1	17464	17517	17641	17541	0.52	cps
Bromine	81-2	180	187	167	178	5.73	cps
Cadmium	108-1	13	7	3	8	65.47	cps
Cadmium	106-1	3721	3384	3314	3473	6.26	cps
Cadmium	111-1	2605	2374	2331	2437	6.05	cps
Calcium	43-1	497	417	460	458	8.75	cps
Calcium	44-1	15028	14331	14601	14653	2.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1717	1560	1773	1683	6.57	cps
Cobalt	59-2	153	150	150	151	1.28	cps
Copper	63-2	1167	1210	1177	1185	1.92	cps
Dysprosium	156-1	17	10	3	10	66.70	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	40	57	63	53	22.53	cps
Erbium	164-2	57	47	67	57	17.65	cps
Gadolinium	160-1	60	43	77	60	27.78	cps
Gadolinium	160-2	583	680	677	647	8.49	cps
Holmium	165-1	15490517	15443984	15143418	15359307	1.23	cps
Holmium	165-2	11091196	10978725	11061306	11043742	0.53	cps
Indium	115-1	13064792	12975305	12750661	12930253	1.25	cps
Indium	115-2	4918868	4956027	4903762	4926219	0.55	cps
Iron	56-2	23038	22787	23018	22948	0.61	cps
Iron	57-2	1370	1347	1437	1385	3.37	cps
Iron	54-2	3274	3184	3090	3183	2.88	cps
Krypton	83-1	267	217	227	237	11.18	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:34:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	557	480	480	506	8.76	cps
Lead	207-1	457	513	370	447	16.16	cps
Lead	208-1	1993	2150	1897	2013	6.35	cps
Lithium	6-1	1647567	1606950	1604218	1619578	1.50	cps
Magnesium	24-2	903	893	870	889	1.92	cps
Manganese	55-2	687	717	850	751	11.58	cps
Molybdenum	94-1	293	307	307	302	2.55	cps
Molybdenum	95-1	190	213	187	197	7.39	cps
Molybdenum	96-1	363	277	280	307	16.01	cps
Molybdenum	97-1	127	147	117	130	11.75	cps
Molybdenum	98-1	307	243	317	289	13.76	cps
Neodymium	150-1	13	10	3	9	57.30	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	540	507	433	493	11.06	cps
Phosphorus	31-2	193	140	200	178	18.50	cps
Potassium	39-2	70593	70271	70850	70571	0.41	cps
Rhodium	103-1	12360926	12377892	12135964	12291594	1.10	cps
Rhodium	103-2	7591897	7530191	7510365	7544151	0.56	cps
Scandium	45-1	7320815	7123246	7119953	7188005	1.60	cps
Scandium	45-2	678136	675790	677175	677034	0.17	cps
Selenium	82-1	598	567	593	586	2.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	570	530	597	566	5.93	cps
Silicon	28-1	767216	769258	773803	770093	0.44	cps
Silver	107-1	107	90	103	100	8.82	cps
Silver	109-1	40	33	57	43	27.74	cps
Sodium	23-2	22069	22844	22784	22566	1.91	cps
Strontium	86-1	450	447	437	444	1.56	cps
Strontium	88-1	387	340	337	354	7.89	cps
Sulfur	34-1	196455	199599	200959	199004	1.16	cps
Terbium	159-1	15977199	15974871	15603799	15851956	1.36	cps
Terbium	159-2	11120622	11067333	11038341	11075432	0.38	cps
Thallium	203-1	137	137	143	139	2.77	cps
Thallium	205-1	373	293	303	323	13.48	cps
Tin	118-1	1510	1580	1633	1575	3.93	cps
Titanium	47-1	70	77	90	79	12.91	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:34:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	23	37	28	27.73	cps
Vanadium	51-2	23	23	23	23	0.00	cps
Yttrium	89-1	15287967	15096304	15050609	15144960	0.83	cps
Yttrium	89-2	4423645	4442425	4409283	4425118	0.38	cps
Zinc	66-2	860	963	827	883	8.07	cps
Zirconium	90-1	697	703	673	691	2.28	cps
Zirconium	91-1	163	147	190	167	13.11	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:40:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7439	7715	7789	7648	2.41	cps
Antimony	121-1	30456	30238	29891	30195	0.94	cps
Arsenic	75-2	883	963	983	943	5.61	cps
Barium	135-1	37306	37222	37653	37394	0.61	cps
Barium	137-1	64438	64408	65158	64668	0.66	cps
Beryllium	9-1	1893	1933	1730	1852	5.82	cps
Bismuth	209-1	9236032	9155157	9242796	9211328	0.53	cps
Bismuth	209-2	7697672	7951807	7794947	7814809	1.64	cps
Bromine	81-1	17804	17931	18348	18028	1.58	cps
Bromine	81-2	187	170	160	172	7.82	cps
Cadmium	108-1	267	337	250	284	16.17	cps
Cadmium	106-1	3957	4091	4184	4077	2.79	cps
Cadmium	111-1	6994	6878	6844	6906	1.14	cps
Calcium	43-1	22049	21469	21779	21766	1.34	cps
Calcium	44-1	364889	364009	362917	363939	0.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15011	14824	14721	14852	0.99	cps
Cobalt	59-2	11181	11044	11064	11096	0.67	cps
Copper	63-2	14834	15441	15094	15123	2.01	cps
Dysprosium	156-1	23	13	20	19	26.96	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	47	67	37	50	30.55	cps
Erbium	164-2	43	60	47	50	17.64	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	587	690	637	638	8.10	cps
Holmium	165-1	15618640	15523935	15366951	15503175	0.82	cps
Holmium	165-2	11034617	11081074	11046189	11053960	0.22	cps
Indium	115-1	12833613	12880504	12975768	12896628	0.56	cps
Indium	115-2	4938117	4957597	4995724	4963813	0.59	cps
Iron	56-2	343387	345990	344617	344664	0.38	cps
Iron	57-2	9353	9470	9670	9498	1.69	cps
Iron	54-2	20748	21011	21419	21059	1.61	cps
Krypton	83-1	210	277	253	247	13.72	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:40:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11225	10771	10611	10869	2.93	cps
Lead	207-1	10060	9710	9427	9732	3.26	cps
Lead	208-1	44342	43845	43134	43773	1.39	cps
Lithium	6-1	1667805	1646752	1615596	1643385	1.60	cps
Magnesium	24-2	304082	304904	305173	304720	0.19	cps
Manganese	55-2	5821	5478	5521	5607	3.34	cps
Molybdenum	94-1	31287	31788	31962	31679	1.11	cps
Molybdenum	95-1	38313	37993	37284	37863	1.39	cps
Molybdenum	96-1	42595	42512	42291	42466	0.37	cps
Molybdenum	97-1	23596	24020	23723	23779	0.92	cps
Molybdenum	98-1	62021	61288	60909	61406	0.92	cps
Neodymium	150-1	0	7	10	6	91.64	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	3477	3174	3164	3272	5.44	cps
Phosphorus	31-2	703	820	707	743	8.93	cps
Potassium	39-2	471044	470062	472396	471167	0.25	cps
Rhodium	103-1	12573396	12411666	12404876	12463313	0.77	cps
Rhodium	103-2	7576212	7565772	7552140	7564708	0.16	cps
Scandium	45-1	7351240	7205270	7323800	7293437	1.06	cps
Scandium	45-2	674886	678928	682616	678810	0.57	cps
Selenium	82-1	1814	1795	1704	1771	3.33	cps
Selenium	77-2	140	127	127	131	5.87	cps
Selenium	78-2	1070	1063	1083	1072	0.95	cps
Silicon	28-1	807057	810190	801526	806258	0.54	cps
Silver	107-1	19186	19039	19533	19253	1.32	cps
Silver	109-1	18075	18238	18398	18237	0.89	cps
Sodium	23-2	487940	487948	494628	490172	0.79	cps
Strontium	86-1	5268	5364	5181	5271	1.74	cps
Strontium	88-1	41676	42344	42391	42137	0.95	cps
Sulfur	34-1	208150	208171	212543	209621	1.21	cps
Terbium	159-1	15957314	16127302	16102141	16062252	0.57	cps
Terbium	159-2	11173347	11160579	11095029	11142985	0.38	cps
Thallium	203-1	13173	13417	13704	13431	1.98	cps
Thallium	205-1	31660	31847	31416	31641	0.68	cps
Tin	118-1	64500	65126	64678	64768	0.50	cps
Titanium	47-1	9700	9837	9850	9795	0.85	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:40:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38261	37616	38856	38245	1.62	cps
Vanadium	51-2	29148	28691	29693	29177	1.72	cps
Yttrium	89-1	15439852	15174097	15247636	15287195	0.90	cps
Yttrium	89-2	4490647	4443746	4419048	4451147	0.82	cps
Zinc	66-2	6722	7002	6942	6888	2.14	cps
Zirconium	90-1	26110	26848	26324	26427	1.44	cps
Zirconium	91-1	5841	5958	5935	5911	1.04	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:43:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370170	366676	366145	367663	0.59	cps
Antimony	121-1	751542	754103	747141	750929	0.47	cps
Arsenic	75-2	43159	42999	42715	42958	0.52	cps
Barium	135-1	947924	955719	943633	949092	0.65	cps
Barium	137-1	1722927	1725526	1713839	1720764	0.36	cps
Beryllium	9-1	90277	90491	91175	90648	0.52	cps
Bismuth	209-1	9688943	9505090	9462113	9552049	1.26	cps
Bismuth	209-2	7826935	7894866	7965127	7895643	0.88	cps
Bromine	81-1	17340	17771	17751	17621	1.38	cps
Bromine	81-2	110	107	123	113	7.78	cps
Cadmium	108-1	15121	15181	14748	15017	1.57	cps
Cadmium	106-1	25669	24484	25002	25052	2.37	cps
Cadmium	111-1	205213	206821	202261	204765	1.13	cps
Calcium	43-1	219948	217960	215400	217769	1.05	cps
Calcium	44-1	3470057	3408636	3387874	3422189	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	324971	322576	321878	323142	0.50	cps
Cobalt	59-2	508786	504517	505018	506107	0.46	cps
Copper	63-2	3839901	3821484	3810629	3824005	0.39	cps
Dysprosium	156-1	33	33	30	32	5.97	cps
Dysprosium	156-2	60	47	60	56	13.85	cps
Erbium	164-1	60	93	63	72	25.42	cps
Erbium	164-2	40	53	47	47	14.28	cps
Gadolinium	160-1	67	37	60	54	28.93	cps
Gadolinium	160-2	637	630	650	639	1.59	cps
Holmium	165-1	15971801	15732274	15728137	15810737	0.88	cps
Holmium	165-2	11182718	11199150	11122022	11167963	0.36	cps
Indium	115-1	13509417	13259968	13132732	13300705	1.44	cps
Indium	115-2	4948828	4887065	4895629	4910507	0.68	cps
Iron	56-2	15529003	15350269	15578163	15485812	0.77	cps
Iron	57-2	394539	389668	390263	391490	0.68	cps
Iron	54-2	863657	864661	860030	862783	0.28	cps
Krypton	83-1	210	183	210	201	7.65	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:43:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2945119	2901545	2932648	2926438	0.77	cps
Lead	207-1	2589461	2584800	2533737	2569333	1.20	cps
Lead	208-1	11673690	11737692	11630332	11680571	0.46	cps
Lithium	6-1	1728640	1710554	1729582	1722925	0.62	cps
Magnesium	24-2	2914001	2908640	2889758	2904133	0.44	cps
Manganese	55-2	2660001	2644323	2670448	2658257	0.49	cps
Molybdenum	94-1	2723382	2748537	2700283	2724067	0.89	cps
Molybdenum	95-1	3994915	3940107	3853158	3929393	1.82	cps
Molybdenum	96-1	4399122	4344207	4271666	4338332	1.47	cps
Molybdenum	97-1	2548537	2449031	2420064	2472544	2.73	cps
Molybdenum	98-1	6427058	6342324	6264887	6344757	1.28	cps
Neodymium	150-1	47	67	73	62	22.30	cps
Neodymium	150-2	27	7	20	18	57.27	cps
Nickel	60-2	130371	129258	131662	130430	0.92	cps
Phosphorus	31-2	18555	18698	18261	18505	1.20	cps
Potassium	39-2	2031825	2012200	1992238	2012088	0.98	cps
Rhodium	103-1	12802639	12481092	12399069	12560933	1.70	cps
Rhodium	103-2	7442729	7387340	7363198	7397756	0.55	cps
Scandium	45-1	7461544	7404661	7257794	7374666	1.43	cps
Scandium	45-2	672578	672083	661557	668739	0.93	cps
Selenium	82-1	13059	13565	13227	13284	1.94	cps
Selenium	77-2	1420	1373	1647	1480	9.88	cps
Selenium	78-2	5334	5371	5194	5300	1.76	cps
Silicon	28-1	2015012	1992641	2005719	2004457	0.56	cps
Silver	107-1	1007708	1013844	994982	1005511	0.96	cps
Silver	109-1	959597	963247	952887	958577	0.55	cps
Sodium	23-2	4770935	4804256	4797065	4790752	0.37	cps
Strontium	86-1	242462	241871	238243	240859	0.95	cps
Strontium	88-1	2192277	2159479	2150253	2167336	1.02	cps
Sulfur	34-1	269127	268856	271210	269731	0.48	cps
Terbium	159-1	16688679	16234594	16231289	16384854	1.61	cps
Terbium	159-2	11194040	11401808	11044199	11213349	1.60	cps
Thallium	203-1	685038	681930	676017	680995	0.67	cps
Thallium	205-1	1596730	1601620	1589496	1595948	0.38	cps
Tin	118-1	628370	627849	627691	627970	0.06	cps
Titanium	47-1	982258	968100	958177	969512	1.25	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:43:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2149779	2175233	2133577	2152863	0.98	cps
Vanadium	51-2	285664	283599	283562	284275	0.42	cps
Yttrium	89-1	15842463	15539131	15384491	15588695	1.49	cps
Yttrium	89-2	4442376	4396405	4363980	4400920	0.90	cps
Zinc	66-2	621881	617771	620682	620111	0.34	cps
Zirconium	90-1	1291515	1291175	1279425	1287371	0.53	cps
Zirconium	91-1	291494	289216	287014	289241	0.77	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:46:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	839347	829988	828926	832753	0.69	cps
Antimony	121-1	1862030	1825079	1830864	1839324	1.08	cps
Arsenic	75-2	97477	98732	97427	97879	0.76	cps
Barium	135-1	2376599	2287449	2282765	2315604	2.28	cps
Barium	137-1	4108185	4008156	3964765	4027035	1.83	cps
Beryllium	9-1	215244	214364	217900	215836	0.85	cps
Bismuth	209-1	9575289	9353433	9367648	9432123	1.32	cps
Bismuth	209-2	7817466	7923087	7815322	7851958	0.78	cps
Bromine	81-1	16656	16950	16766	16791	0.88	cps
Bromine	81-2	70	130	93	98	30.93	cps
Cadmium	108-1	35363	34878	34327	34856	1.49	cps
Cadmium	106-1	53411	52765	53183	53120	0.62	cps
Cadmium	111-1	472783	470266	468278	470442	0.48	cps
Calcium	43-1	507901	500099	498852	502284	0.98	cps
Calcium	44-1	7969652	7862696	7794021	7875457	1.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	734901	733041	729758	732567	0.36	cps
Cobalt	59-2	1149119	1144289	1140877	1144762	0.36	cps
Copper	63-2	8696911	8678232	8639603	8671582	0.34	cps
Dysprosium	156-1	53	47	90	63	36.84	cps
Dysprosium	156-2	127	137	143	136	6.19	cps
Erbium	164-1	73	57	100	77	28.51	cps
Erbium	164-2	53	70	40	54	27.61	cps
Gadolinium	160-1	47	53	70	57	21.21	cps
Gadolinium	160-2	613	667	630	637	4.29	cps
Holmium	165-1	15953881	15658881	15640391	15751051	1.12	cps
Holmium	165-2	11146384	11286688	11112394	11181822	0.83	cps
Indium	115-1	12986362	12629339	12645612	12753771	1.58	cps
Indium	115-2	4801073	4828546	4757167	4795596	0.75	cps
Iron	56-2	34882519	34931587	34567068	34793725	0.57	cps
Iron	57-2	890141	887128	883954	887074	0.35	cps
Iron	54-2	1967547	1964457	1933207	1955070	0.97	cps
Krypton	83-1	237	210	217	221	6.28	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:46:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6958899	6866235	6946407	6923847	0.73	cps
Lead	207-1	6225167	6106794	6044880	6125614	1.50	cps
Lead	208-1	28116963	27550815	27467029	27711602	1.28	cps
Lithium	6-1	1778042	1781513	1792441	1783999	0.42	cps
Magnesium	24-2	6529494	6550054	6552306	6543951	0.19	cps
Manganese	55-2	5992447	5990682	5918250	5967126	0.71	cps
Molybdenum	94-1	6410745	6377215	6284462	6357474	1.03	cps
Molybdenum	95-1	9305750	9208459	9117986	9210732	1.02	cps
Molybdenum	96-1	10144191	9999749	9949381	10031107	1.01	cps
Molybdenum	97-1	5831889	5745168	5669788	5748948	1.41	cps
Molybdenum	98-1	14773508	14927199	14566259	14755656	1.23	cps
Neodymium	150-1	120	150	117	129	14.24	cps
Neodymium	150-2	23	27	30	27	12.51	cps
Nickel	60-2	292948	292743	290620	292104	0.44	cps
Phosphorus	31-2	41506	41914	42262	41894	0.90	cps
Potassium	39-2	4489615	4401331	4370720	4420555	1.40	cps
Rhodium	103-1	12316818	11982445	11925126	12074796	1.75	cps
Rhodium	103-2	7203100	7208837	7245629	7219189	0.32	cps
Scandium	45-1	7222521	7175280	7132173	7176658	0.63	cps
Scandium	45-2	636204	636938	631874	635005	0.43	cps
Selenium	82-1	29973	29573	29194	29580	1.32	cps
Selenium	77-2	3407	3267	3170	3282	3.63	cps
Selenium	78-2	11244	11311	11501	11352	1.17	cps
Silicon	28-1	3233783	3210279	3257847	3233970	0.74	cps
Silver	107-1	2480001	2430534	2376924	2429153	2.12	cps
Silver	109-1	2337369	2304308	2278492	2306723	1.28	cps
Sodium	23-2	10893334	10864116	10903114	10886855	0.19	cps
Strontium	86-1	560339	558615	553424	557459	0.65	cps
Strontium	88-1	5037012	5040787	5047832	5041877	0.11	cps
Sulfur	34-1	346043	341595	343244	343627	0.65	cps
Terbium	159-1	16281668	16066878	16267566	16205371	0.74	cps
Terbium	159-2	11172672	11225341	11095967	11164660	0.58	cps
Thallium	203-1	1602013	1608987	1594355	1601785	0.46	cps
Thallium	205-1	4136517	4054227	4059612	4083452	1.13	cps
Tin	118-1	1467649	1462671	1444904	1458408	0.82	cps
Titanium	47-1	2272901	2271116	2266455	2270158	0.15	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:46:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5192134	5135988	5158479	5162200	0.55	cps
Vanadium	51-2	646945	642033	638416	642465	0.67	cps
Yttrium	89-1	15476972	15065395	15196806	15246391	1.38	cps
Yttrium	89-2	4268059	4254643	4200422	4241041	0.84	cps
Zinc	66-2	1413688	1413149	1411725	1412854	0.07	cps
Zirconium	90-1	3100530	3079477	3054310	3078105	0.75	cps
Zirconium	91-1	677192	671672	663808	670891	1.00	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:49:43	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1497740	1479777	1467391	1481636	1.03	cps
Antimony	121-1	3327061	3346388	3321086	3331512	0.40	cps
Arsenic	75-2	170736	169987	169590	170104	0.34	cps
Barium	135-1	4201139	4155151	4116090	4157460	1.02	cps
Barium	137-1	7317047	7305310	7181272	7267876	1.04	cps
Beryllium	9-1	392479	395433	392637	393516	0.42	cps
Bismuth	209-1	9454059	9485568	9339801	9426476	0.81	cps
Bismuth	209-2	7758776	7744749	7808995	7770840	0.43	cps
Bromine	81-1	16112	15642	15945	15900	1.50	cps
Bromine	81-2	90	83	97	90	7.41	cps
Cadmium	108-1	61952	62219	60977	61716	1.06	cps
Cadmium	106-1	92170	90610	90094	90958	1.19	cps
Cadmium	111-1	841054	835512	830798	835788	0.61	cps
Calcium	43-1	900134	896591	888414	895046	0.67	cps
Calcium	44-1	14117751	14029800	13921223	14022925	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1277302	1262063	1268763	1269376	0.60	cps
Cobalt	59-2	2089254	2055947	2032131	2059111	1.39	cps
Copper	63-2	14988944	14766247	14892188	14882460	0.75	cps
Dysprosium	156-1	73	60	73	69	11.17	cps
Dysprosium	156-2	247	233	190	223	13.27	cps
Erbium	164-1	83	97	63	81	20.69	cps
Erbium	164-2	77	53	73	68	18.62	cps
Gadolinium	160-1	113	90	80	94	18.11	cps
Gadolinium	160-2	673	677	710	687	2.95	cps
Holmium	165-1	15677468	15364091	15465354	15502304	1.03	cps
Holmium	165-2	11107457	11190534	11173282	11157091	0.39	cps
Indium	115-1	12520120	12207727	12292854	12340233	1.31	cps
Indium	115-2	4554800	4625021	4593460	4591093	0.77	cps
Iron	56-2	61329662	61220711	60959722	61170032	0.31	cps
Iron	57-2	1553908	1516245	1522543	1530899	1.32	cps
Iron	54-2	3374852	3368949	3346997	3363599	0.44	cps
Krypton	83-1	210	263	230	234	11.49	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:49:43	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12748745	12834180	12732179	12771701	0.43	cps
Lead	207-1	11319689	11406894	11092787	11273123	1.44	cps
Lead	208-1	51099028	51666305	50667415	51144249	0.98	cps
Lithium	6-1	1854872	1824466	1819548	1832962	1.04	cps
Magnesium	24-2	11576104	11413286	11425687	11471692	0.79	cps
Manganese	55-2	10578870	10474276	10395514	10482887	0.88	cps
Molybdenum	94-1	11502527	11315682	11170154	11329454	1.47	cps
Molybdenum	95-1	16447234	16230099	16115009	16264114	1.04	cps
Molybdenum	96-1	18003012	17893051	17662381	17852815	0.97	cps
Molybdenum	97-1	10290389	10266773	9967746	10174969	1.77	cps
Molybdenum	98-1	26586465	26308911	25989351	26294909	1.14	cps
Neodymium	150-1	213	193	203	203	4.92	cps
Neodymium	150-2	57	47	53	52	9.75	cps
Nickel	60-2	503404	504378	500618	502800	0.39	cps
Phosphorus	31-2	70819	69855	70863	70512	0.81	cps
Potassium	39-2	7653744	7481347	7492833	7542641	1.28	cps
Rhodium	103-1	11826646	11669144	11324824	11606871	2.21	cps
Rhodium	103-2	6923415	6850287	6877991	6883898	0.54	cps
Scandium	45-1	6937014	6967340	6820628	6908327	1.12	cps
Scandium	45-2	608582	592445	598017	599681	1.37	cps
Selenium	82-1	52971	52360	51688	52340	1.23	cps
Selenium	77-2	5971	5634	5611	5739	3.51	cps
Selenium	78-2	19900	19763	19279	19648	1.66	cps
Silicon	28-1	4931213	4923934	4836476	4897208	1.08	cps
Silver	107-1	4313974	4339622	4199279	4284292	1.74	cps
Silver	109-1	4123867	4107679	4053643	4095063	0.90	cps
Sodium	23-2	19393351	18898259	18926550	19072720	1.46	cps
Strontium	86-1	1002192	993968	990307	995489	0.61	cps
Strontium	88-1	8989286	9039930	8959292	8996169	0.45	cps
Sulfur	34-1	442199	439198	433698	438365	0.98	cps
Terbium	159-1	16127283	15981874	15943795	16017651	0.60	cps
Terbium	159-2	11111027	11142966	11015057	11089683	0.60	cps
Thallium	203-1	3213114	3180505	3194331	3195983	0.51	cps
Thallium	205-1	7516034	7633927	7507401	7552454	0.94	cps
Tin	118-1	2753389	2713126	2732919	2733145	0.74	cps
Titanium	47-1	4047103	4077961	4012335	4045800	0.81	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:49:43	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9524018	9722043	9605350	9617137	1.03	cps
Vanadium	51-2	1121282	1110651	1110176	1114036	0.56	cps
Yttrium	89-1	14779409	14837558	14529728	14715565	1.11	cps
Yttrium	89-2	4107533	4021491	4060861	4063295	1.06	cps
Zinc	66-2	2524549	2513608	2565942	2534700	1.09	cps
Zirconium	90-1	5541747	5552980	5495270	5529999	0.55	cps
Zirconium	91-1	1210218	1203559	1192167	1201981	0.76	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:52:31	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3067890	3050241	3016047	3044726	0.87	cps
Antimony	121-1	6929421	6902407	6844316	6892048	0.63	cps
Arsenic	75-2	349326	347772	347246	348114	0.31	cps
Barium	135-1	8716186	8771148	8741723	8743019	0.31	cps
Barium	137-1	15285343	15209008	15035906	15176752	0.84	cps
Beryllium	9-1	830079	829952	824230	828087	0.40	cps
Bismuth	209-1	9384484	9415703	9182025	9327404	1.36	cps
Bismuth	209-2	7638337	7683166	7516836	7612780	1.13	cps
Bromine	81-1	15038	15268	14701	15002	1.90	cps
Bromine	81-2	87	103	87	92	10.43	cps
Cadmium	108-1	127148	127780	127633	127520	0.26	cps
Cadmium	106-1	186386	185724	183797	185302	0.73	cps
Cadmium	111-1	1824278	1803063	1789271	1805537	0.98	cps
Calcium	43-1	1829020	1781624	1782516	1797720	1.51	cps
Calcium	44-1	29469850	28884426	29008320	29120865	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2666206	2655021	2653674	2658300	0.26	cps
Cobalt	59-2	4181881	4191096	4186456	4186478	0.11	cps
Copper	63-2	30382230	30126584	29928802	30145872	0.75	cps
Dysprosium	156-1	137	140	143	140	2.38	cps
Dysprosium	156-2	393	413	493	433	12.21	cps
Erbium	164-1	157	100	110	122	24.75	cps
Erbium	164-2	110	93	100	101	8.30	cps
Gadolinium	160-1	127	110	133	123	9.75	cps
Gadolinium	160-2	623	670	697	663	5.60	cps
Holmium	165-1	15515147	15450104	15152359	15372536	1.26	cps
Holmium	165-2	10943572	10931391	10971919	10948961	0.19	cps
Indium	115-1	12138972	11952701	11720194	11937289	1.76	cps
Indium	115-2	4428700	4415960	4396050	4413570	0.37	cps
Iron	56-2	125253945	127006448	125700805	125987066	0.72	cps
Iron	57-2	3135082	3153406	3134760	3141083	0.34	cps
Iron	54-2	6921382	6938588	6949177	6936382	0.20	cps
Krypton	83-1	220	237	177	211	14.67	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:52:31	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27539911	27690124	27261732	27497256	0.79	cps
Lead	207-1	24236627	24432844	24028153	24232541	0.84	cps
Lead	208-1	110117114	110792085	108898196	109935798	0.87	cps
Lithium	6-1	1824755	1834151	1789088	1815998	1.31	cps
Magnesium	24-2	23591085	23650765	23547622	23596491	0.22	cps
Manganese	55-2	21838696	21653623	21703536	21731952	0.44	cps
Molybdenum	94-1	24106499	23732076	23705924	23848166	0.94	cps
Molybdenum	95-1	34520912	34044732	34149792	34238479	0.73	cps
Molybdenum	96-1	37789368	37796427	37166959	37584251	0.96	cps
Molybdenum	97-1	21555421	21494057	21375186	21474888	0.43	cps
Molybdenum	98-1	55206078	55081819	54674883	54987593	0.51	cps
Neodymium	150-1	567	383	473	474	19.32	cps
Neodymium	150-2	143	123	93	120	20.98	cps
Nickel	60-2	1015463	1010232	1008600	1011432	0.35	cps
Phosphorus	31-2	145161	144349	144141	144550	0.37	cps
Potassium	39-2	15313021	15339016	15430445	15360828	0.40	cps
Rhodium	103-1	11222799	11035577	10902112	11053496	1.46	cps
Rhodium	103-2	6653976	6673592	6574445	6634004	0.79	cps
Scandium	45-1	6771242	6595577	6558146	6641655	1.71	cps
Scandium	45-2	570957	573811	567307	570692	0.57	cps
Selenium	82-1	106799	106684	105701	106394	0.57	cps
Selenium	77-2	11338	11314	11491	11381	0.84	cps
Selenium	78-2	38630	38637	39202	38823	0.84	cps
Silicon	28-1	8985461	8935319	8857207	8925996	0.72	cps
Silver	107-1	8910440	8983035	8839983	8911153	0.80	cps
Silver	109-1	8487125	8388275	8363900	8413100	0.78	cps
Sodium	23-2	39023475	39335259	38981947	39113560	0.49	cps
Strontium	86-1	2127523	2140305	2133394	2133741	0.30	cps
Strontium	88-1	18854378	18801185	18646687	18767417	0.57	cps
Sulfur	34-1	691927	684624	677770	684774	1.03	cps
Terbium	159-1	15984973	15697215	15625637	15769275	1.21	cps
Terbium	159-2	10988037	10864747	10965017	10939267	0.60	cps
Thallium	203-1	6915964	6881064	6811765	6869598	0.77	cps
Thallium	205-1	16308082	16372100	16013056	16231079	1.18	cps
Tin	118-1	5750311	5754767	5689944	5731674	0.63	cps
Titanium	47-1	8408637	8347063	8242291	8332663	1.01	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:52:31	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20951985	21446346	21090532	21162954	1.21	cps
Vanadium	51-2	2312247	2346869	2325302	2328139	0.75	cps
Yttrium	89-1	14310271	14051754	13913512	14091845	1.43	cps
Yttrium	89-2	3949192	3929418	3887293	3921968	0.81	cps
Zinc	66-2	5169269	5157931	5157914	5161705	0.13	cps
Zirconium	90-1	11604323	11432958	11438454	11491911	0.85	cps
Zirconium	91-1	2601702	2541323	2543605	2562210	1.34	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:55:15	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5889744	5912922	5895327	5899331	0.21	cps
Antimony	121-1	13392403	13425046	13341252	13386234	0.32	cps
Arsenic	75-2	663274	664739	665867	664627	0.20	cps
Barium	135-1	16878166	17014124	17129040	17007110	0.74	cps
Barium	137-1	29370885	29549204	29803728	29574606	0.74	cps
Beryllium	9-1	1606611	1633970	1609674	1616752	0.93	cps
Bismuth	209-1	9342361	8920960	9024541	9095954	2.41	cps
Bismuth	209-2	7388884	7464807	7299976	7384555	1.12	cps
Bromine	81-1	14904	14020	13953	14293	3.71	cps
Bromine	81-2	120	93	103	106	12.76	cps
Cadmium	108-1	241203	241005	241404	241204	0.08	cps
Cadmium	106-1	345901	347159	347453	346838	0.24	cps
Cadmium	111-1	3399550	3414561	3394194	3402768	0.31	cps
Calcium	43-1	3464208	3440150	3402260	3435539	0.91	cps
Calcium	44-1	55875769	55821001	55376856	55691209	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5117224	5141442	5089132	5115933	0.51	cps
Cobalt	59-2	7955472	7960689	7916817	7944326	0.30	cps
Copper	63-2	57357069	57405726	57400962	57387919	0.05	cps
Dysprosium	156-1	253	237	257	249	4.31	cps
Dysprosium	156-2	873	810	857	847	3.88	cps
Erbium	164-1	190	187	170	182	5.88	cps
Erbium	164-2	150	127	153	143	10.14	cps
Gadolinium	160-1	180	180	203	188	7.18	cps
Gadolinium	160-2	697	650	720	689	5.17	cps
Holmium	165-1	15721218	15063849	15112136	15299067	2.39	cps
Holmium	165-2	10870027	10951312	10767163	10862834	0.85	cps
Indium	115-1	11652357	11350423	11311443	11438074	1.63	cps
Indium	115-2	4219117	4281605	4200974	4233898	1.00	cps
Iron	56-2	241135430	242443263	242461683	242013459	0.31	cps
Iron	57-2	6048496	6093440	6036888	6059608	0.49	cps
Iron	54-2	13173378	13363631	13256121	13264377	0.72	cps
Krypton	83-1	213	237	207	219	7.20	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:55:15	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	53079971	54443398	53200563	53574644	1.41	cps
Lead	207-1	47030308	47817338	47257291	47368312	0.86	cps
Lead	208-1	213266313	215714133	213869602	214283350	0.60	cps
Lithium	6-1	1806391	1780120	1796181	1794231	0.74	cps
Magnesium	24-2	45335339	45732123	45420548	45496003	0.46	cps
Manganese	55-2	41531880	41804724	41621846	41652817	0.33	cps
Molybdenum	94-1	45714301	46356243	46009554	46026699	0.70	cps
Molybdenum	95-1	65463559	66350141	66005397	65939699	0.68	cps
Molybdenum	96-1	71689022	73185509	72519996	72464842	1.03	cps
Molybdenum	97-1	41246899	41927637	41508198	41560911	0.83	cps
Molybdenum	98-1	105903855	107143015	106249468	106432113	0.60	cps
Neodymium	150-1	937	933	870	913	4.11	cps
Neodymium	150-2	157	207	190	184	13.80	cps
Nickel	60-2	2001158	2024251	2005790	2010399	0.61	cps
Phosphorus	31-2	274269	277639	273999	275302	0.74	cps
Potassium	39-2	29476851	29832067	29925221	29744713	0.80	cps
Rhodium	103-1	10878812	10574020	10444749	10632527	2.10	cps
Rhodium	103-2	6341289	6446752	6322569	6370203	1.05	cps
Scandium	45-1	6532472	6367191	6326186	6408616	1.70	cps
Scandium	45-2	555183	560925	556831	557646	0.53	cps
Selenium	82-1	198562	199504	199683	199250	0.30	cps
Selenium	77-2	21616	21339	21689	21548	0.86	cps
Selenium	78-2	72469	73391	74322	73394	1.26	cps
Silicon	28-1	15808472	15818071	15380368	15668970	1.60	cps
Silver	107-1	16750444	16717574	16852574	16773530	0.42	cps
Silver	109-1	15902003	15794985	15963264	15886751	0.54	cps
Sodium	23-2	75623519	76053732	75710506	75795919	0.30	cps
Strontium	86-1	4156811	4132219	4139802	4142944	0.30	cps
Strontium	88-1	36065593	36582215	36469369	36372393	0.75	cps
Sulfur	34-1	1235231	1221774	1208859	1221955	1.08	cps
Terbium	159-1	16013664	15686531	15520317	15740171	1.59	cps
Terbium	159-2	10798803	10778242	10727826	10768290	0.34	cps
Thallium	203-1	13404723	13460445	13240075	13368414	0.86	cps
Thallium	205-1	31312197	32198992	31582978	31698056	1.43	cps
Tin	118-1	10903959	11118824	11015857	11012880	0.98	cps
Titanium	47-1	15953636	16093870	16001126	16016211	0.45	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:55:15	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41533273	42527749	42571234	42210752	1.39	cps
Vanadium	51-2	4452816	4517563	4492816	4487732	0.73	cps
Yttrium	89-1	14148441	13822775	13771929	13914382	1.47	cps
Yttrium	89-2	3788373	3866834	3857037	3837415	1.11	cps
Zinc	66-2	9794753	9660493	9718178	9724475	0.69	cps
Zirconium	90-1	22476708	22413516	22436675	22442300	0.14	cps
Zirconium	91-1	4932817	4961584	4987153	4960518	0.55	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:58:02	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32362113	32640356	32622247	32541572	0.48	cps
Antimony	121-1	6782	6418	6121	6440	5.14	cps
Arsenic	75-2	367	390	433	397	8.53	cps
Barium	135-1	7279	7002	6912	7064	2.71	cps
Barium	137-1	13390	12622	11982	12665	5.57	cps
Beryllium	9-1	380	440	407	409	7.35	cps
Bismuth	209-1	8090644	7910724	7816467	7939278	1.75	cps
Bismuth	209-2	6716428	6608954	6672036	6665806	0.81	cps
Bromine	81-1	14427	14761	15268	14819	2.86	cps
Bromine	81-2	187	170	150	169	10.87	cps
Cadmium	108-1	93	87	107	96	10.66	cps
Cadmium	106-1	3731	3564	3607	3634	2.38	cps
Cadmium	111-1	3086	2981	3034	3033	1.74	cps
Calcium	43-1	16982298	16969844	17388146	17113429	1.39	cps
Calcium	44-1	275125376	276848469	279089849	277021231	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9658	9821	8479	9320	7.86	cps
Cobalt	59-2	22450	22380	22674	22501	0.68	cps
Copper	63-2	10921	10590	10187	10566	3.48	cps
Dysprosium	156-1	450	487	453	463	4.38	cps
Dysprosium	156-2	403	357	323	361	11.13	cps
Erbium	164-1	580	480	547	536	9.51	cps
Erbium	164-2	407	410	340	386	10.24	cps
Gadolinium	160-1	543	610	530	561	7.64	cps
Gadolinium	160-2	1023	880	913	939	7.99	cps
Holmium	165-1	14703101	14465976	14548900	14572659	0.83	cps
Holmium	165-2	10598361	10517419	10494257	10536679	0.52	cps
Indium	115-1	11070160	10887742	10938778	10965560	0.86	cps
Indium	115-2	4233371	4239670	4277700	4250247	0.56	cps
Iron	56-2	1245256808	1251711048	1250384168	1249117341	0.27	cps
Iron	57-2	31287171	31356095	31534416	31392561	0.41	cps
Iron	54-2	68015829	67739407	68009941	67921726	0.23	cps
Krypton	83-1	197	223	237	219	9.30	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:58:02	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13453	12963	12196	12871	4.93	cps
Lead	207-1	11358	10721	9940	10673	6.65	cps
Lead	208-1	52266	49645	47393	49768	4.90	cps
Lithium	6-1	1665245	1699594	1676012	1680284	1.05	cps
Magnesium	24-2	251589736	252634210	251320190	251848045	0.28	cps
Manganese	55-2	21292	20287	20093	20558	3.13	cps
Molybdenum	94-1	12068	11224	11134	11476	4.49	cps
Molybdenum	95-1	11128	10447	9617	10397	7.28	cps
Molybdenum	96-1	23582	22350	22184	22705	3.36	cps
Molybdenum	97-1	6732	6285	5881	6299	6.75	cps
Molybdenum	98-1	17027	15371	14344	15581	8.69	cps
Neodymium	150-1	300	257	273	277	7.90	cps
Neodymium	150-2	217	180	200	199	9.23	cps
Nickel	60-2	8472	8486	8019	8326	3.19	cps
Phosphorus	31-2	340	297	260	299	13.40	cps
Potassium	39-2	162057751	163365878	163680748	163034792	0.53	cps
Rhodium	103-1	9733369	9613397	9571955	9639574	0.87	cps
Rhodium	103-2	6095764	6059499	6135925	6097063	0.63	cps
Scandium	45-1	6403417	6363071	6375109	6380532	0.32	cps
Scandium	45-2	592396	596268	597099	595254	0.42	cps
Selenium	82-1	653	640	586	626	5.69	cps
Selenium	77-2	0	10	17	9	94.38	cps
Selenium	78-2	543	440	527	503	11.02	cps
Silicon	28-1	698434	704565	704391	702463	0.50	cps
Silver	107-1	3614	3234	2824	3224	12.26	cps
Silver	109-1	3350	2884	2474	2903	15.12	cps
Sodium	23-2	407956447	409646447	411822287	409808394	0.47	cps
Strontium	86-1	12125	12752	12559	12479	2.57	cps
Strontium	88-1	103967	105287	104202	104485	0.67	cps
Sulfur	34-1	181194	186712	192624	186843	3.06	cps
Terbium	159-1	15301058	14930888	14682806	14971584	2.08	cps
Terbium	159-2	10388920	10378536	10505487	10424314	0.68	cps
Thallium	203-1	2117	1557	1420	1698	21.74	cps
Thallium	205-1	4451	3807	3194	3817	16.47	cps
Tin	118-1	4501	4507	4497	4502	0.11	cps
Titanium	47-1	2140	2244	1947	2110	7.14	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 19:58:02	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4047	3801	3237	3695	11.24	cps
Vanadium	51-2	1050	1000	987	1012	3.30	cps
Yttrium	89-1	13520454	13279023	13337709	13379062	0.94	cps
Yttrium	89-2	3932385	3926891	3949176	3936150	0.29	cps
Zinc	66-2	10574	10417	10330	10440	1.18	cps
Zirconium	90-1	13980	13630	13460	13690	1.94	cps
Zirconium	91-1	3127	2987	3007	3040	2.49	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:26:19	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	164958	162738	162290	163329	0.87	cps
Antimony	121-1	2918221	2865978	2856214	2880138	1.16	cps
Arsenic	75-2	156104	156414	155965	156161	0.15	cps
Barium	135-1	346366	351114	349389	348956	0.69	cps
Barium	137-1	605502	602140	602245	603296	0.32	cps
Beryllium	9-1	176459	176860	177341	176887	0.25	cps
Bismuth	209-1	9491604	9393350	9353641	9412865	0.75	cps
Bismuth	209-2	7908165	7791055	7848309	7849176	0.75	cps
Bromine	81-1	15498	15949	15415	15621	1.84	cps
Bromine	81-2	237	200	187	208	12.46	cps
Cadmium	108-1	24057	24885	24070	24337	1.95	cps
Cadmium	106-1	36172	36352	36028	36184	0.45	cps
Cadmium	111-1	367871	370014	367821	368569	0.34	cps
Calcium	43-1	75238	77697	77175	76704	1.69	cps
Calcium	44-1	1216574	1216883	1235993	1223150	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	598400	595950	590387	594912	0.69	cps
Cobalt	59-2	930601	935326	932186	932705	0.26	cps
Copper	63-2	635791	637630	636102	636508	0.15	cps
Dysprosium	156-1	17	7	13	12	41.65	cps
Dysprosium	156-2	30	20	20	23	24.74	cps
Erbium	164-1	43	47	57	49	14.20	cps
Erbium	164-2	47	47	73	56	27.71	cps
Gadolinium	160-1	53	50	60	54	9.35	cps
Gadolinium	160-2	580	730	633	648	11.74	cps
Holmium	165-1	15459006	15442859	15228706	15376857	0.84	cps
Holmium	165-2	11122459	11130104	10930629	11061064	1.02	cps
Indium	115-1	12619114	12635657	12472452	12575741	0.71	cps
Indium	115-2	4827559	4810417	4757316	4798431	0.76	cps
Iron	56-2	11161342	10981184	10911414	11017980	1.17	cps
Iron	57-2	278752	280691	281466	280303	0.50	cps
Iron	54-2	636376	634805	629467	633549	0.57	cps
Krypton	83-1	267	213	223	234	12.09	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:26:19	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2229481	2275700	2247822	2251001	1.03	cps
Lead	207-1	1935560	1930309	1910396	1925421	0.69	cps
Lead	208-1	8851906	8882388	8813206	8849166	0.39	cps
Lithium	6-1	1831826	1819751	1820544	1824041	0.37	cps
Magnesium	24-2	613026	614233	610084	612448	0.35	cps
Manganese	55-2	476940	475673	472924	475179	0.43	cps
Molybdenum	94-1	420	503	510	478	10.50	cps
Molybdenum	95-1	277	333	307	306	9.28	cps
Molybdenum	96-1	513	567	570	550	5.78	cps
Molybdenum	97-1	240	180	190	203	15.81	cps
Molybdenum	98-1	460	540	493	498	8.07	cps
Neodymium	150-1	13	17	40	23	62.27	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	240441	239631	237562	239211	0.62	cps
Phosphorus	31-2	183	133	143	153	17.25	cps
Potassium	39-2	1428419	1396789	1402557	1409255	1.20	cps
Rhodium	103-1	12145894	11841945	11837576	11941805	1.48	cps
Rhodium	103-2	7358268	7295193	7217943	7290468	0.96	cps
Scandium	45-1	7126357	7028021	7122727	7092368	0.79	cps
Scandium	45-2	639565	638732	631263	636520	0.72	cps
Selenium	82-1	46893	46747	47210	46950	0.50	cps
Selenium	77-2	5184	5458	5131	5258	3.33	cps
Selenium	78-2	18258	18158	17681	18032	1.71	cps
Silicon	28-1	666006	667181	665261	666149	0.15	cps
Silver	107-1	872122	870532	871639	871431	0.09	cps
Silver	109-1	824617	830350	830116	828361	0.39	cps
Sodium	23-2	1736201	1721732	1721818	1726584	0.48	cps
Strontium	86-1	1543	1533	1493	1523	1.74	cps
Strontium	88-1	10050	9853	9663	9856	1.96	cps
Sulfur	34-1	207985	207364	204769	206706	0.83	cps
Terbium	159-1	15955099	15840051	15699543	15831564	0.81	cps
Terbium	159-2	10933490	11097244	10979832	11003522	0.77	cps
Thallium	203-1	2770479	2768147	2770084	2769570	0.05	cps
Thallium	205-1	6554368	6591207	6457556	6534377	1.06	cps
Tin	118-1	1650	1690	1510	1617	5.85	cps
Titanium	47-1	133	97	90	107	21.88	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICV005	Instrumnet Name :	P7
Client Sample ID :	ICV005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:26:19	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	33	50	40	22.05	cps
Vanadium	51-2	509184	510366	505424	508325	0.51	cps
Yttrium	89-1	14966263	14615688	14786011	14789321	1.19	cps
Yttrium	89-2	4234461	4213562	4202150	4216724	0.39	cps
Zinc	66-2	219905	220278	218869	219684	0.33	cps
Zirconium	90-1	790	790	847	809	4.04	cps
Zirconium	91-1	470	443	390	434	9.38	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:30:52	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	293	300	294	1.73	cps
Antimony	121-1	917	783	773	824	9.71	cps
Arsenic	75-2	10	13	7	10	33.30	cps
Barium	135-1	77	100	63	80	23.20	cps
Barium	137-1	180	127	173	160	18.16	cps
Beryllium	9-1	123	83	90	99	21.68	cps
Bismuth	209-1	10083955	9755042	9680202	9839733	2.18	cps
Bismuth	209-2	8144381	8129458	8119011	8130950	0.16	cps
Bromine	81-1	15695	15732	15251	15559	1.72	cps
Bromine	81-2	107	127	127	120	9.62	cps
Cadmium	108-1	23	3	20	16	68.90	cps
Cadmium	106-1	3677	3500	3440	3539	3.48	cps
Cadmium	111-1	2628	2498	2451	2526	3.62	cps
Calcium	43-1	517	483	530	510	4.71	cps
Calcium	44-1	14324	14471	14734	14510	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1237	1377	1290	1301	5.43	cps
Cobalt	59-2	117	197	160	158	25.38	cps
Copper	63-2	900	853	897	883	2.95	cps
Dysprosium	156-1	10	13	17	13	25.01	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	80	70	63	71	11.80	cps
Erbium	164-2	33	53	40	42	24.12	cps
Gadolinium	160-1	60	53	47	53	12.50	cps
Gadolinium	160-2	603	600	677	627	6.92	cps
Holmium	165-1	16518833	15928109	15950679	16132540	2.07	cps
Holmium	165-2	11478175	11478690	11511478	11489448	0.17	cps
Indium	115-1	13513103	13049793	12996827	13186574	2.15	cps
Indium	115-2	5010789	4963570	4959207	4977855	0.57	cps
Iron	56-2	22250	22130	22520	22300	0.90	cps
Iron	57-2	1120	1190	1183	1165	3.32	cps
Iron	54-2	2830	2997	2707	2845	5.12	cps
Krypton	83-1	230	210	257	232	10.08	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:30:52	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1047	993	1083	1041	4.35	cps
Lead	207-1	880	903	863	882	2.28	cps
Lead	208-1	4224	4060	4124	4136	1.99	cps
Lithium	6-1	1945855	1874971	1805909	1875579	3.73	cps
Magnesium	24-2	1157	1210	1173	1180	2.31	cps
Manganese	55-2	430	357	430	406	10.44	cps
Molybdenum	94-1	350	343	350	348	1.11	cps
Molybdenum	95-1	237	233	227	232	2.19	cps
Molybdenum	96-1	293	287	263	281	5.60	cps
Molybdenum	97-1	153	173	160	162	6.28	cps
Molybdenum	98-1	270	390	390	350	19.79	cps
Neodymium	150-1	10	13	3	9	57.30	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	343	370	340	351	4.68	cps
Phosphorus	31-2	140	173	110	141	22.45	cps
Potassium	39-2	60506	60807	61390	60901	0.74	cps
Rhodium	103-1	12851817	12460950	12483004	12598591	1.74	cps
Rhodium	103-2	7605898	7620741	7495382	7574007	0.90	cps
Scandium	45-1	7568331	7319821	7348115	7412089	1.84	cps
Scandium	45-2	670290	664539	665816	666881	0.45	cps
Selenium	82-1	639	626	530	598	9.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	520	613	553	562	8.41	cps
Silicon	28-1	675890	678296	675542	676576	0.22	cps
Silver	107-1	360	380	267	336	18.03	cps
Silver	109-1	343	340	323	336	3.19	cps
Sodium	23-2	24556	24359	23842	24252	1.52	cps
Strontium	86-1	443	360	470	424	13.52	cps
Strontium	88-1	430	497	413	447	9.87	cps
Sulfur	34-1	203590	204901	205674	204722	0.51	cps
Terbium	159-1	16945022	16390068	16146304	16493798	2.48	cps
Terbium	159-2	11403722	11539142	11301031	11414632	1.05	cps
Thallium	203-1	507	473	453	478	5.64	cps
Thallium	205-1	1077	1053	953	1028	6.38	cps
Tin	118-1	2267	2224	2150	2214	2.66	cps
Titanium	47-1	113	120	127	120	5.55	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICB005	Instrumnet Name :	P7
Client Sample ID :	ICB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:30:52	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63	67	60	63	5.27	cps
Vanadium	51-2	37	43	47	42	12.06	cps
Yttrium	89-1	15779961	15273360	15332356	15461892	1.79	cps
Yttrium	89-2	4397285	4407539	4370990	4391938	0.43	cps
Zinc	66-2	617	607	577	600	3.47	cps
Zirconium	90-1	643	713	653	670	5.65	cps
Zirconium	91-1	153	153	163	157	3.69	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:34:10	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29689200	29605233	29577045	29623826	0.20	cps
Antimony	121-1	15836	15415	15559	15603	1.37	cps
Arsenic	75-2	243	237	263	248	5.60	cps
Barium	135-1	4908	5161	4791	4953	3.82	cps
Barium	137-1	8836	8880	8292	8669	3.77	cps
Beryllium	9-1	487	577	563	542	8.96	cps
Bismuth	209-1	9202671	9361654	9154886	9239737	1.17	cps
Bismuth	209-2	7657546	7555984	7656089	7623207	0.76	cps
Bromine	81-1	16876	16362	17147	16795	2.37	cps
Bromine	81-2	407	330	417	384	12.33	cps
Cadmium	108-1	2474	2467	2300	2414	4.07	cps
Cadmium	106-1	3784	3450	3400	3545	5.88	cps
Cadmium	111-1	4124	3629	3597	3783	7.81	cps
Calcium	43-1	3702462	3667084	3600166	3656571	1.42	cps
Calcium	44-1	59793741	58899444	58845169	59179451	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109980	110266	110729	110325	0.34	cps
Cobalt	59-2	10587	11118	11144	10950	2.87	cps
Copper	63-2	44840	44747	44753	44780	0.12	cps
Dysprosium	156-1	70	53	50	58	18.55	cps
Dysprosium	156-2	60	57	53	57	5.89	cps
Erbium	164-1	87	53	103	81	31.39	cps
Erbium	164-2	73	77	80	77	4.35	cps
Gadolinium	160-1	110	133	87	110	21.21	cps
Gadolinium	160-2	693	627	580	633	8.99	cps
Holmium	165-1	15596870	15950660	16085283	15877604	1.59	cps
Holmium	165-2	11519199	11225609	11484294	11409701	1.41	cps
Indium	115-1	12179374	12090091	12176187	12148551	0.42	cps
Indium	115-2	4556452	4502011	4587001	4548488	0.95	cps
Iron	56-2	521451166	520086992	520706792	520748317	0.13	cps
Iron	57-2	13083796	12932220	13077019	13031012	0.66	cps
Iron	54-2	28436153	28304865	28318392	28353137	0.25	cps
Krypton	83-1	177	233	213	208	13.83	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:34:10	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	54140	52374	51929	52814	2.22	cps
Lead	207-1	42961	42235	40791	41996	2.63	cps
Lead	208-1	202826	197764	194541	198377	2.11	cps
Lithium	6-1	1781545	1809434	1774388	1788456	1.04	cps
Magnesium	24-2	48442779	48102734	48095903	48213805	0.41	cps
Manganese	55-2	36838	36879	36541	36753	0.50	cps
Molybdenum	94-1	7999641	7923164	7970862	7964556	0.48	cps
Molybdenum	95-1	14154535	13992176	13966951	14037887	0.73	cps
Molybdenum	96-1	15134703	15088716	14993921	15072447	0.48	cps
Molybdenum	97-1	8724307	8695652	8656936	8692298	0.39	cps
Molybdenum	98-1	22500430	22375647	22367396	22414491	0.33	cps
Neodymium	150-1	57	93	53	68	32.74	cps
Neodymium	150-2	27	50	53	43	33.52	cps
Nickel	60-2	12338	11795	11875	12003	2.45	cps
Phosphorus	31-2	1486047	1489661	1489056	1488254	0.13	cps
Potassium	39-2	62812811	62573471	63162589	62849624	0.47	cps
Rhodium	103-1	11163112	11094072	10948010	11068398	0.99	cps
Rhodium	103-2	6783827	6674381	6744315	6734174	0.82	cps
Scandium	45-1	6875927	6741757	6650848	6756177	1.68	cps
Scandium	45-2	591669	584706	591209	589194	0.66	cps
Selenium	82-1	610	536	471	539	12.92	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	500	500	420	473	9.76	cps
Silicon	28-1	696647	681735	681656	686679	1.26	cps
Silver	107-1	1163	880	827	957	18.92	cps
Silver	109-1	1077	860	777	904	17.12	cps
Sodium	23-2	80502859	79927925	79823694	80084826	0.46	cps
Strontium	86-1	150733	149580	147190	149168	1.21	cps
Strontium	88-1	1315141	1301301	1304236	1306892	0.56	cps
Sulfur	34-1	5424996	5333638	5238963	5332532	1.74	cps
Terbium	159-1	16377731	16220530	16173174	16257145	0.66	cps
Terbium	159-2	11351259	11198659	11322324	11290748	0.72	cps
Thallium	203-1	1453	1663	1910	1676	13.64	cps
Thallium	205-1	3460	4061	4447	3990	12.47	cps
Tin	118-1	3644	3607	3500	3584	2.08	cps
Titanium	47-1	3529518	3442867	3426092	3466159	1.60	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSA005	Instrumnet Name :	P7
Client Sample ID :	ICSA005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:34:10	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	817	723	690	743	8.83	cps
Vanadium	51-2	1033	1040	957	1010	4.59	cps
Yttrium	89-1	14781463	14476339	14512562	14590121	1.14	cps
Yttrium	89-2	4084580	4045781	4074864	4068409	0.50	cps
Zinc	66-2	11988	12342	11992	12107	1.68	cps
Zirconium	90-1	1443	1690	1577	1570	7.86	cps
Zirconium	91-1	313	370	347	343	8.30	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:37:12	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30152841	29934158	30115702	30067567	0.39	cps
Antimony	121-1	302979	302129	303725	302945	0.26	cps
Arsenic	75-2	15291	15358	15281	15310	0.27	cps
Barium	135-1	78096	78763	77248	78036	0.97	cps
Barium	137-1	134980	136107	136080	135722	0.47	cps
Beryllium	9-1	34555	34198	33700	34151	1.26	cps
Bismuth	209-1	9494164	9463945	9443445	9467184	0.27	cps
Bismuth	209-2	7776112	7722938	7676652	7725234	0.64	cps
Bromine	81-1	17250	17510	17674	17478	1.22	cps
Bromine	81-2	363	400	433	399	8.78	cps
Cadmium	108-1	6992	7185	7118	7098	1.38	cps
Cadmium	106-1	10034	9763	10270	10022	2.53	cps
Cadmium	111-1	75678	75839	75504	75674	0.22	cps
Calcium	43-1	3755413	3761235	3744823	3753824	0.22	cps
Calcium	44-1	60981769	61095184	60519014	60865322	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	227584	225612	225988	226395	0.46	cps
Cobalt	59-2	186490	186007	185457	185985	0.28	cps
Copper	63-2	163047	164412	163236	163565	0.45	cps
Dysprosium	156-1	83	37	50	57	42.41	cps
Dysprosium	156-2	60	60	80	67	17.32	cps
Erbium	164-1	97	110	127	111	13.53	cps
Erbium	164-2	107	100	103	103	3.23	cps
Gadolinium	160-1	80	110	140	110	27.27	cps
Gadolinium	160-2	597	723	643	654	9.79	cps
Holmium	165-1	16240532	16267849	16005181	16171187	0.89	cps
Holmium	165-2	11543561	11499964	11418699	11487408	0.55	cps
Indium	115-1	12776006	12651685	12438803	12622165	1.35	cps
Indium	115-2	4637401	4609874	4656168	4634481	0.50	cps
Iron	56-2	532619925	532740699	527605832	530988819	0.55	cps
Iron	57-2	13338663	13390967	13154287	13294639	0.94	cps
Iron	54-2	29069337	28826215	28857587	28917713	0.46	cps
Krypton	83-1	210	227	193	210	7.94	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:37:12	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	274336	275530	276273	275380	0.35	cps
Lead	207-1	228082	229504	232001	229862	0.86	cps
Lead	208-1	1059685	1059103	1063232	1060673	0.21	cps
Lithium	6-1	1770788	1749821	1730675	1750428	1.15	cps
Magnesium	24-2	49503244	48912276	49453081	49289534	0.66	cps
Manganese	55-2	127266	127320	127000	127195	0.13	cps
Molybdenum	94-1	8176610	8193228	8120341	8163393	0.47	cps
Molybdenum	95-1	14403548	14311502	14299882	14338311	0.40	cps
Molybdenum	96-1	15553767	15289058	15435864	15426229	0.86	cps
Molybdenum	97-1	9070994	8984634	8950317	9001982	0.69	cps
Molybdenum	98-1	23307701	23298070	23022850	23209541	0.70	cps
Neodymium	150-1	137	60	40	79	64.68	cps
Neodymium	150-2	43	63	20	42	51.37	cps
Nickel	60-2	55475	55452	55051	55326	0.43	cps
Phosphorus	31-2	1508030	1499859	1512099	1506663	0.41	cps
Potassium	39-2	64373794	63959477	64064887	64132720	0.34	cps
Rhodium	103-1	11438708	11263908	11274048	11325555	0.87	cps
Rhodium	103-2	6860849	6835497	6808723	6835023	0.38	cps
Scandium	45-1	7008597	6908453	6825897	6914316	1.32	cps
Scandium	45-2	602575	596530	598560	599222	0.51	cps
Selenium	82-1	5245	5097	5077	5140	1.79	cps
Selenium	77-2	497	527	587	537	8.54	cps
Selenium	78-2	1973	2150	2094	2072	4.35	cps
Silicon	28-1	702299	706987	710485	706590	0.58	cps
Silver	107-1	343573	346946	344606	345041	0.50	cps
Silver	109-1	324943	327733	329296	327324	0.67	cps
Sodium	23-2	82277064	81381677	81154727	81604489	0.73	cps
Strontium	86-1	155632	154446	152962	154347	0.87	cps
Strontium	88-1	1351587	1351665	1351759	1351671	0.01	cps
Sulfur	34-1	5484334	5458882	5427037	5456751	0.53	cps
Terbium	159-1	16616800	16812062	16687439	16705434	0.59	cps
Terbium	159-2	11648124	11328464	11471320	11482636	1.39	cps
Thallium	203-1	271104	277735	279246	276029	1.57	cps
Thallium	205-1	649172	657943	660153	655756	0.89	cps
Tin	118-1	3494	3434	3550	3493	1.67	cps
Titanium	47-1	3630663	3537764	3554085	3574171	1.39	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	ICSAB005	Instrumnet Name :	P7
Client Sample ID :	ICSAB005	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:37:12	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	717	733	717	722	1.33	cps
Vanadium	51-2	99240	98847	98505	98864	0.37	cps
Yttrium	89-1	15083572	14730031	14745371	14852991	1.35	cps
Yttrium	89-2	4183647	4161656	4143936	4163080	0.48	cps
Zinc	66-2	33601	33768	33404	33591	0.54	cps
Zirconium	90-1	1313	1247	1400	1320	5.82	cps
Zirconium	91-1	300	327	320	316	4.40	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:40:16	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15765953	15690101	15661312	15705789	0.34	cps
Antimony	121-1	6628584	6682649	6742324	6684519	0.85	cps
Arsenic	75-2	334735	336357	336201	335764	0.27	cps
Barium	135-1	8647553	8735384	8631136	8671358	0.65	cps
Barium	137-1	15043404	15103562	15100411	15082459	0.22	cps
Beryllium	9-1	741562	766201	759607	755790	1.69	cps
Bismuth	209-1	9726363	9104646	8880896	9237302	4.74	cps
Bismuth	209-2	7332609	7224095	7261619	7272774	0.76	cps
Bromine	81-1	16603	16082	16059	16248	1.89	cps
Bromine	81-2	157	160	147	154	4.49	cps
Cadmium	108-1	118775	120361	119191	119442	0.69	cps
Cadmium	106-1	173453	175310	175712	174825	0.69	cps
Cadmium	111-1	1645555	1696365	1705821	1682580	1.93	cps
Calcium	43-1	8723318	8929531	8761532	8804793	1.25	cps
Calcium	44-1	142729151	144896805	142390031	143338662	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2665692	2624083	2685838	2658537	1.18	cps
Cobalt	59-2	4072185	4080973	4078833	4077330	0.11	cps
Copper	63-2	28691979	28656240	28385384	28577868	0.59	cps
Dysprosium	156-1	353	287	333	324	10.54	cps
Dysprosium	156-2	597	570	577	581	2.39	cps
Erbium	164-1	323	297	310	310	4.30	cps
Erbium	164-2	203	227	207	212	5.95	cps
Gadolinium	160-1	283	330	320	311	7.90	cps
Gadolinium	160-2	763	760	760	761	0.25	cps
Holmium	165-1	16794045	15698724	15418555	15970441	4.55	cps
Holmium	165-2	11150844	11066967	10860000	11025937	1.36	cps
Indium	115-1	12736542	11827922	11856028	12140164	4.26	cps
Indium	115-2	4402810	4339272	4315703	4352595	1.04	cps
Iron	56-2	620807657	619356777	617713391	619292609	0.25	cps
Iron	57-2	15723529	15642075	15675120	15680241	0.26	cps
Iron	54-2	34160426	34040185	33758237	33986283	0.61	cps
Krypton	83-1	190	220	243	218	12.28	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:40:16	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26377731	26864987	26989840	26744186	1.21	cps
Lead	207-1	23216674	23526079	23474510	23405754	0.71	cps
Lead	208-1	105246314	107502497	106727117	106491976	1.08	cps
Lithium	6-1	1803252	1724097	1670259	1732536	3.86	cps
Magnesium	24-2	119587378	120431792	119198892	119739354	0.53	cps
Manganese	55-2	21426839	21351017	21220778	21332878	0.49	cps
Molybdenum	94-1	23254680	23816929	23668004	23579871	1.24	cps
Molybdenum	95-1	33352960	34375882	34026264	33918369	1.53	cps
Molybdenum	96-1	36429110	37483204	37562044	37158119	1.70	cps
Molybdenum	97-1	20817900	21526619	21272480	21205666	1.69	cps
Molybdenum	98-1	53604076	55255593	54490641	54450103	1.52	cps
Neodymium	150-1	557	513	517	529	4.56	cps
Neodymium	150-2	190	163	147	167	13.11	cps
Nickel	60-2	976394	966932	969441	970922	0.50	cps
Phosphorus	31-2	141961	140319	141150	141143	0.58	cps
Potassium	39-2	77974609	77990394	77368341	77777781	0.46	cps
Rhodium	103-1	11504063	10640235	10486699	10876999	5.04	cps
Rhodium	103-2	6388503	6431383	6421926	6413937	0.35	cps
Scandium	45-1	7180759	6668926	6619765	6823150	4.55	cps
Scandium	45-2	583732	585135	579176	582681	0.53	cps
Selenium	82-1	98115	98620	98484	98406	0.27	cps
Selenium	77-2	10027	10564	10631	10407	3.18	cps
Selenium	78-2	36515	36535	36291	36447	0.37	cps
Silicon	28-1	3761344	3848455	3840256	3816685	1.26	cps
Silver	107-1	8278813	8265031	8253331	8265725	0.15	cps
Silver	109-1	7735432	8000343	7954993	7896923	1.79	cps
Sodium	23-2	196819064	195418597	195164837	195800833	0.46	cps
Strontium	86-1	2094888	2139998	2121467	2118785	1.07	cps
Strontium	88-1	18532114	18766528	18668881	18655841	0.63	cps
Sulfur	34-1	639293	653198	652546	648346	1.21	cps
Terbium	159-1	17086901	16012593	15872123	16323872	4.07	cps
Terbium	159-2	11010852	10800850	10845595	10885766	1.02	cps
Thallium	203-1	6705756	6724746	6687577	6706026	0.28	cps
Thallium	205-1	15781042	15864821	15877896	15841253	0.33	cps
Tin	118-1	5539627	5600251	5616922	5585600	0.73	cps
Titanium	47-1	8151488	8209293	8238040	8199607	0.54	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P7
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:40:16	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20603983	21449369	21462116	21171822	2.32	cps
Vanadium	51-2	2360554	2376481	2343089	2360042	0.71	cps
Yttrium	89-1	15696739	14193369	14341016	14743708	5.62	cps
Yttrium	89-2	3960375	3994984	3966179	3973846	0.47	cps
Zinc	66-2	4784226	4789817	4743882	4772642	0.53	cps
Zirconium	90-1	11481219	11644806	11574221	11566749	0.71	cps
Zirconium	91-1	2564160	2612293	2590533	2588995	0.93	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:42:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2084	1663	1483	1743	17.66	cps
Antimony	121-1	3140	3027	2627	2931	9.20	cps
Arsenic	75-2	67	30	23	40	58.34	cps
Barium	135-1	1173	983	1027	1061	9.38	cps
Barium	137-1	1897	1930	1670	1832	7.72	cps
Beryllium	9-1	290	243	180	238	23.22	cps
Bismuth	209-1	9938271	9767613	9787072	9830985	0.95	cps
Bismuth	209-2	8121196	8110145	8147211	8126184	0.23	cps
Bromine	81-1	15889	15725	15335	15650	1.82	cps
Bromine	81-2	123	133	163	140	14.87	cps
Cadmium	108-1	17	33	47	32	46.65	cps
Cadmium	106-1	4014	3691	3477	3727	7.25	cps
Cadmium	111-1	3071	2867	2635	2858	7.65	cps
Calcium	43-1	1640	1667	1417	1575	8.72	cps
Calcium	44-1	31119	31109	29442	30557	3.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1710	1640	1663	1671	2.13	cps
Cobalt	59-2	433	453	413	433	4.62	cps
Copper	63-2	3660	3430	3124	3405	7.91	cps
Dysprosium	156-1	3	10	3	6	69.34	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	60	67	80	69	14.78	cps
Erbium	164-2	27	50	33	37	32.78	cps
Gadolinium	160-1	60	73	60	64	11.94	cps
Gadolinium	160-2	573	547	600	573	4.65	cps
Holmium	165-1	15951384	15718854	15680251	15783497	0.93	cps
Holmium	165-2	11385396	11293379	11368868	11349214	0.43	cps
Indium	115-1	12684481	12669192	12654314	12669329	0.12	cps
Indium	115-2	4779948	4807329	4785732	4791003	0.30	cps
Iron	56-2	84455	76781	71255	77497	8.55	cps
Iron	57-2	2467	2367	2167	2334	6.55	cps
Iron	54-2	6211	5898	5411	5840	6.91	cps
Krypton	83-1	277	207	230	238	14.99	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:42:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4984	4831	4324	4713	7.33	cps
Lead	207-1	4061	4234	3634	3976	7.77	cps
Lead	208-1	19409	19112	17124	18549	6.70	cps
Lithium	6-1	1805191	1847415	1824155	1825587	1.16	cps
Magnesium	24-2	11541	10570	9536	10549	9.50	cps
Manganese	55-2	2200	1983	1953	2046	6.58	cps
Molybdenum	94-1	3967	3924	3627	3839	4.82	cps
Molybdenum	95-1	5101	5138	4534	4924	6.87	cps
Molybdenum	96-1	5911	6068	5028	5669	9.89	cps
Molybdenum	97-1	3400	3310	3090	3267	4.88	cps
Molybdenum	98-1	8809	8279	7779	8289	6.22	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	510	523	417	483	12.02	cps
Phosphorus	31-2	223	177	157	186	18.44	cps
Potassium	39-2	68969	68808	68744	68840	0.17	cps
Rhodium	103-1	11863999	11897826	11524819	11762215	1.75	cps
Rhodium	103-2	7167343	7250577	7219118	7212346	0.58	cps
Scandium	45-1	6824201	6753977	6764684	6780954	0.56	cps
Scandium	45-2	599083	602468	599029	600193	0.33	cps
Selenium	82-1	494	574	512	526	7.95	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	550	507	457	504	9.26	cps
Silicon	28-1	588226	586674	593572	589491	0.61	cps
Silver	107-1	1980	1800	1723	1835	7.18	cps
Silver	109-1	2017	1680	1507	1735	14.95	cps
Sodium	23-2	68947	64554	61111	64870	6.05	cps
Strontium	86-1	653	583	647	628	6.15	cps
Strontium	88-1	2797	2480	2347	2541	9.10	cps
Sulfur	34-1	181025	183356	182927	182436	0.68	cps
Terbium	159-1	16412412	16308613	16307693	16342906	0.37	cps
Terbium	159-2	11133672	11404511	11254689	11264291	1.20	cps
Thallium	203-1	2267	2130	1994	2130	6.42	cps
Thallium	205-1	5404	5041	4964	5137	4.58	cps
Tin	118-1	2334	2460	2270	2355	4.11	cps
Titanium	47-1	1407	1233	1193	1278	8.88	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P7
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:42:59	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2307	2384	2297	2329	2.04	cps
Vanadium	51-2	220	197	180	199	10.10	cps
Yttrium	89-1	14767525	14732965	14710876	14737122	0.19	cps
Yttrium	89-2	4108463	4212632	4134839	4151978	1.30	cps
Zinc	66-2	863	900	877	880	2.11	cps
Zirconium	90-1	2384	2367	2284	2345	2.29	cps
Zirconium	91-1	460	527	507	498	6.87	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:46:33	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31295322	31172470	31279170	31248987	0.21	cps
Antimony	121-1	69081	69862	69493	69479	0.56	cps
Arsenic	75-2	203424	203053	204110	203529	0.26	cps
Barium	135-1	641916	645069	638514	641833	0.51	cps
Barium	137-1	1114112	1120071	1105971	1113384	0.64	cps
Beryllium	9-1	1723	1550	1620	1631	5.35	cps
Bismuth	209-1	10572829	10287912	9978084	10279608	2.89	cps
Bismuth	209-2	8307151	8212914	8345654	8288573	0.82	cps
Bromine	81-1	17207	18318	18034	17853	3.23	cps
Bromine	81-2	433	383	357	391	9.95	cps
Cadmium	108-1	1800	1893	1877	1857	2.68	cps
Cadmium	106-1	7135	7005	6608	6916	3.97	cps
Cadmium	111-1	27214	27298	27229	27247	0.16	cps
Calcium	43-1	431721	431552	426665	429979	0.67	cps
Calcium	44-1	6815137	6811476	6738844	6788486	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2331534	2321196	2344324	2332352	0.50	cps
Cobalt	59-2	1077788	1067840	1073841	1073157	0.47	cps
Copper	63-2	6466604	6373054	6373699	6404452	0.84	cps
Dysprosium	156-1	71039	71165	69959	70721	0.94	cps
Dysprosium	156-2	56653	56165	55606	56141	0.93	cps
Erbium	164-1	79829	81214	79350	80131	1.21	cps
Erbium	164-2	56925	56932	55697	56518	1.26	cps
Gadolinium	160-1	74312	74510	73930	74251	0.40	cps
Gadolinium	160-2	54806	54603	55938	55116	1.30	cps
Holmium	165-1	17769785	16876073	16876759	17174206	3.00	cps
Holmium	165-2	12077364	11934429	12050484	12020759	0.63	cps
Indium	115-1	14030558	13633688	13372991	13679079	2.42	cps
Indium	115-2	5003071	4968111	5067784	5012989	1.01	cps
Iron	56-2	1028412945	1030353158	1033583131	1030783078	0.25	cps
Iron	57-2	25470020	25432159	25629063	25510414	0.41	cps
Iron	54-2	55768971	56094959	56709651	56191194	0.85	cps
Krypton	83-1	417	393	397	402	3.14	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:46:33	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2115651	2151576	2104369	2123865	1.16	cps
Lead	207-1	1935275	1925023	1936062	1932120	0.32	cps
Lead	208-1	8635977	8685256	8590076	8637103	0.55	cps
Lithium	6-1	1997754	1876728	1850544	1908342	4.12	cps
Magnesium	24-2	34175637	34317949	34044377	34179321	0.40	cps
Manganese	55-2	16418837	16566225	16556350	16513804	0.50	cps
Molybdenum	94-1	46778	46303	46273	46451	0.61	cps
Molybdenum	95-1	5438	5348	5478	5421	1.23	cps
Molybdenum	96-1	23733	23623	23659	23671	0.24	cps
Molybdenum	97-1	3257	3374	3104	3245	4.17	cps
Molybdenum	98-1	7889	7956	7902	7916	0.45	cps
Neodymium	150-1	93681	93713	92574	93323	0.69	cps
Neodymium	150-2	56064	56482	55204	55917	1.17	cps
Nickel	60-2	509204	507023	509922	508716	0.30	cps
Phosphorus	31-2	15181	15488	14881	15183	2.00	cps
Potassium	39-2	1552139	1574401	1583700	1570080	1.03	cps
Rhodium	103-1	12956965	12592608	12424983	12658185	2.15	cps
Rhodium	103-2	7585633	7478573	7587897	7550701	0.83	cps
Scandium	45-1	9170860	8895176	8776155	8947397	2.26	cps
Scandium	45-2	778779	784280	795759	786273	1.10	cps
Selenium	82-1	1137	1168	1080	1128	3.97	cps
Selenium	77-2	287	237	257	260	9.68	cps
Selenium	78-2	943	837	783	854	9.53	cps
Silicon	28-1	45242808	45588278	45118209	45316432	0.54	cps
Silver	107-1	19153	19029	18659	18947	1.36	cps
Silver	109-1	17748	17988	17861	17866	0.67	cps
Sodium	23-2	106173	104320	103746	104746	1.21	cps
Strontium	86-1	213735	213502	214078	213772	0.14	cps
Strontium	88-1	1942811	1947717	1924306	1938278	0.64	cps
Sulfur	34-1	191146	185825	184674	187215	1.84	cps
Terbium	159-1	18258341	17614234	17309521	17727366	2.73	cps
Terbium	159-2	11919959	11971464	11983725	11958383	0.28	cps
Thallium	203-1	3611	3497	3284	3464	4.79	cps
Thallium	205-1	8269	8102	7752	8041	3.28	cps
Tin	118-1	6321	6528	6355	6401	1.73	cps
Titanium	47-1	2390170	2344889	2356804	2363954	0.99	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5184-20A	Instrumnet Name :	P7
Client Sample ID :	MYCZF8ARE	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:46:33	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25505	26052	25551	25703	1.18	cps
Vanadium	51-2	2586298	2631045	2642972	2620105	1.14	cps
Yttrium	89-1	18005331	17214569	17262660	17494187	2.53	cps
Yttrium	89-2	4788468	4911124	4833021	4844204	1.28	cps
Zinc	66-2	665222	664186	662297	663902	0.22	cps
Zirconium	90-1	116917	118681	115664	117087	1.29	cps
Zirconium	91-1	26177	26691	25900	26256	1.53	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-01	Instrumnet Name :	P7
Client Sample ID :	MYCZG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:49:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9675507	9607812	9600554	9627958	0.43	cps
Antimony	121-1	887	900	833	873	4.04	cps
Arsenic	75-2	37865	38092	37995	37984	0.30	cps
Barium	135-1	1141306	1127677	1118788	1129257	1.00	cps
Barium	137-1	2047512	2040106	2017904	2035174	0.76	cps
Beryllium	9-1	2067	2064	2000	2043	1.84	cps
Bismuth	209-1	10315697	10160398	9934213	10136769	1.89	cps
Bismuth	209-2	8418225	8237036	8242010	8299090	1.24	cps
Bromine	81-1	17858	17824	18051	17911	0.68	cps
Bromine	81-2	520	597	513	543	8.52	cps
Cadmium	108-1	410	367	393	390	5.60	cps
Cadmium	106-1	5181	4938	4861	4993	3.35	cps
Cadmium	111-1	8167	7997	7921	8029	1.57	cps
Calcium	43-1	839968	835539	836791	837433	0.27	cps
Calcium	44-1	13272231	13098977	13021536	13130915	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	343907	346403	341779	344030	0.67	cps
Cobalt	59-2	482349	484376	485832	484186	0.36	cps
Copper	63-2	791122	788573	791939	790545	0.22	cps
Dysprosium	156-1	127899	127923	126133	127318	0.81	cps
Dysprosium	156-2	107662	107457	108505	107874	0.52	cps
Erbium	164-1	113539	110704	111083	111775	1.38	cps
Erbium	164-2	79263	79863	80165	79764	0.58	cps
Gadolinium	160-1	122369	120304	120166	120946	1.02	cps
Gadolinium	160-2	90637	90503	90741	90627	0.13	cps
Holmium	165-1	17177726	16667868	16746826	16864140	1.63	cps
Holmium	165-2	12072007	11905530	11781315	11919617	1.22	cps
Indium	115-1	13699948	13497716	13327214	13508292	1.38	cps
Indium	115-2	5017215	5011599	5064853	5031222	0.58	cps
Iron	56-2	318417382	315552389	315314142	316427971	0.55	cps
Iron	57-2	7910228	7755861	7838787	7834958	0.99	cps
Iron	54-2	17397906	17244240	17235279	17292475	0.53	cps
Krypton	83-1	323	387	387	366	10.00	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-01	Instrumnet Name :	P7
Client Sample ID :	MYCZG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:49:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1022860	1018926	1007549	1016445	0.78	cps
Lead	207-1	928400	909397	908791	915529	1.22	cps
Lead	208-1	4307852	4247717	4219291	4258287	1.06	cps
Lithium	6-1	1864525	1907660	1866132	1879439	1.30	cps
Magnesium	24-2	8484879	8388063	8328489	8400477	0.94	cps
Manganese	55-2	9022038	8985466	8986751	8998085	0.23	cps
Molybdenum	94-1	7732	7402	7289	7474	3.08	cps
Molybdenum	95-1	2747	2834	2807	2796	1.59	cps
Molybdenum	96-1	7082	7289	7242	7204	1.51	cps
Molybdenum	97-1	1750	1710	1747	1736	1.28	cps
Molybdenum	98-1	4351	4154	3874	4126	5.81	cps
Neodymium	150-1	206093	203007	202705	203935	0.92	cps
Neodymium	150-2	123744	122766	122352	122954	0.58	cps
Nickel	60-2	115450	115053	114099	114868	0.60	cps
Phosphorus	31-2	32979	32267	32859	32702	1.16	cps
Potassium	39-2	5737035	5677230	5706599	5706954	0.52	cps
Rhodium	103-1	12733020	12502935	12469705	12568554	1.14	cps
Rhodium	103-2	7650866	7488750	7504698	7548105	1.18	cps
Scandium	45-1	7828627	7638499	7674431	7713852	1.31	cps
Scandium	45-2	682042	685646	680268	682652	0.40	cps
Selenium	82-1	932	784	736	817	12.55	cps
Selenium	77-2	340	330	317	329	3.56	cps
Selenium	78-2	750	823	853	809	6.57	cps
Silicon	28-1	11164990	10989367	10972636	11042331	0.96	cps
Silver	107-1	3064	3124	3227	3138	2.63	cps
Silver	109-1	3054	2940	3110	3035	2.85	cps
Sodium	23-2	153089	151308	151866	152088	0.60	cps
Strontium	86-1	311029	309108	304546	308228	1.08	cps
Strontium	88-1	2789599	2792702	2740800	2774367	1.05	cps
Sulfur	34-1	226439	226212	226645	226432	0.10	cps
Terbium	159-1	17624768	17182757	17179566	17329030	1.48	cps
Terbium	159-2	12008436	11807841	11628296	11814858	1.61	cps
Thallium	203-1	3897	4004	3857	3919	1.93	cps
Thallium	205-1	9323	9420	9500	9414	0.94	cps
Tin	118-1	1867	2060	1920	1949	5.12	cps
Titanium	47-1	344229	342470	338283	341661	0.89	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-01	Instrumnet Name :	P7
Client Sample ID :	MYCZG9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:49:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36152	35952	35604	35903	0.77	cps
Vanadium	51-2	472785	471052	471571	471802	0.19	cps
Yttrium	89-1	17880148	17545581	17320809	17582179	1.60	cps
Yttrium	89-2	4900283	4898963	4860050	4886432	0.47	cps
Zinc	66-2	438955	438928	435428	437770	0.46	cps
Zirconium	90-1	16126	15338	15381	15615	2.83	cps
Zirconium	91-1	3424	3437	3430	3430	0.19	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-02	Instrumnet Name :	P7
Client Sample ID :	MYCZH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:52:38	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8762230	8657671	8647920	8689273	0.73	cps
Antimony	121-1	973	887	980	947	5.50	cps
Arsenic	75-2	5808	5768	5991	5856	2.03	cps
Barium	135-1	1397268	1364667	1352180	1371372	1.70	cps
Barium	137-1	2526738	2471382	2460235	2486118	1.43	cps
Beryllium	9-1	2100	2020	2257	2126	5.66	cps
Bismuth	209-1	10233281	9608546	9965368	9935732	3.15	cps
Bismuth	209-2	8326382	8209814	8358911	8298369	0.94	cps
Bromine	81-1	18462	18742	18542	18582	0.78	cps
Bromine	81-2	717	717	743	726	2.12	cps
Cadmium	108-1	960	850	887	899	6.23	cps
Cadmium	106-1	5611	5551	5584	5582	0.54	cps
Cadmium	111-1	12986	12987	12635	12869	1.58	cps
Calcium	43-1	1740302	1714459	1697888	1717550	1.24	cps
Calcium	44-1	28018374	27691546	27662508	27790809	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258476	260184	259957	259539	0.36	cps
Cobalt	59-2	258358	257856	257544	257919	0.16	cps
Copper	63-2	792848	790658	784344	789283	0.56	cps
Dysprosium	156-1	97327	96136	94898	96120	1.26	cps
Dysprosium	156-2	80955	82638	81431	81674	1.06	cps
Erbium	164-1	84725	83038	82974	83579	1.19	cps
Erbium	164-2	58632	59536	59285	59151	0.79	cps
Gadolinium	160-1	91526	91670	90946	91381	0.42	cps
Gadolinium	160-2	69548	68355	68446	68783	0.97	cps
Holmium	165-1	17240253	16255726	16408859	16634946	3.18	cps
Holmium	165-2	11925717	11913193	11934715	11924542	0.09	cps
Indium	115-1	13713942	12781776	13472148	13322622	3.63	cps
Indium	115-2	5063663	4950633	5034931	5016409	1.17	cps
Iron	56-2	211044317	209832044	210629797	210502052	0.29	cps
Iron	57-2	5266800	5189562	5252156	5236172	0.78	cps
Iron	54-2	11502641	11538102	11412717	11484486	0.56	cps
Krypton	83-1	340	360	390	363	6.93	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-02	Instrumnet Name :	P7
Client Sample ID :	MYCZH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:52:38	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2172559	2101557	2114626	2129580	1.77	cps
Lead	207-1	1997100	1949243	1928547	1958297	1.80	cps
Lead	208-1	8805158	8621292	8594886	8673779	1.32	cps
Lithium	6-1	1884646	1774067	1858279	1838997	3.14	cps
Magnesium	24-2	8638121	8587643	8672267	8632677	0.49	cps
Manganese	55-2	6953445	6989986	6975871	6973100	0.26	cps
Molybdenum	94-1	16366	15882	16359	16202	1.71	cps
Molybdenum	95-1	3430	3040	3210	3227	6.06	cps
Molybdenum	96-1	7802	7929	7599	7777	2.14	cps
Molybdenum	97-1	1713	1883	1880	1826	5.32	cps
Molybdenum	98-1	4908	4958	4571	4812	4.37	cps
Neodymium	150-1	165258	164035	161965	163753	1.02	cps
Neodymium	150-2	98544	99434	97806	98595	0.83	cps
Nickel	60-2	108357	106948	105494	106933	1.34	cps
Phosphorus	31-2	6181	5714	5895	5930	3.97	cps
Potassium	39-2	5617519	5617343	5581765	5605542	0.37	cps
Rhodium	103-1	12616907	11989130	12447511	12351183	2.63	cps
Rhodium	103-2	7488451	7505979	7544596	7513009	0.38	cps
Scandium	45-1	7792611	7259336	7551346	7534431	3.54	cps
Scandium	45-2	673519	672591	674412	673508	0.14	cps
Selenium	82-1	934	946	810	897	8.40	cps
Selenium	77-2	260	250	247	252	2.75	cps
Selenium	78-2	757	787	750	764	2.56	cps
Silicon	28-1	10692477	10348018	9983215	10341237	3.43	cps
Silver	107-1	1723	1863	1683	1757	5.38	cps
Silver	109-1	1490	1530	1667	1562	5.93	cps
Sodium	23-2	444012	441262	439746	441673	0.49	cps
Strontium	86-1	992408	987955	975385	985249	0.90	cps
Strontium	88-1	8969156	8833044	8752071	8851424	1.24	cps
Sulfur	34-1	323099	327382	326422	325634	0.69	cps
Terbium	159-1	17474139	16517770	17097529	17029813	2.83	cps
Terbium	159-2	11837171	11752261	11613405	11734279	0.96	cps
Thallium	203-1	4064	4241	4054	4120	2.55	cps
Thallium	205-1	9690	9203	9367	9420	2.63	cps
Tin	118-1	2254	3307	2974	2845	18.93	cps
Titanium	47-1	58747	57894	63383	60008	4.92	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-02	Instrumnet Name :	P7
Client Sample ID :	MYCZH0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:52:38	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36717	36112	37021	36617	1.26	cps
Vanadium	51-2	169530	170666	167898	169365	0.82	cps
Yttrium	89-1	17402271	16390161	16936784	16909738	3.00	cps
Yttrium	89-2	4754935	4738551	4887992	4793826	1.71	cps
Zinc	66-2	3398186	3356139	3338539	3364288	0.91	cps
Zirconium	90-1	38758	38574	38761	38698	0.28	cps
Zirconium	91-1	8893	8786	8379	8686	3.12	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-03	Instrumnet Name :	P7
Client Sample ID :	MYCZH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:55:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10348495	10393625	10367560	10369893	0.22	cps
Antimony	121-1	2374	2294	2540	2402	5.24	cps
Arsenic	75-2	55112	53710	53854	54225	1.42	cps
Barium	135-1	2083710	2082936	2064077	2076908	0.54	cps
Barium	137-1	3675585	3625192	3607652	3636143	0.97	cps
Beryllium	9-1	2887	2694	2724	2768	3.76	cps
Bismuth	209-1	10159752	9937667	10044912	10047444	1.11	cps
Bismuth	209-2	8268191	8278993	8295996	8281060	0.17	cps
Bromine	81-1	18495	18595	18238	18443	1.00	cps
Bromine	81-2	660	593	687	647	7.43	cps
Cadmium	108-1	1113	1050	1107	1090	3.19	cps
Cadmium	106-1	6612	6378	6318	6436	2.41	cps
Cadmium	111-1	14049	13666	13782	13832	1.42	cps
Calcium	43-1	1006308	994159	987671	996046	0.95	cps
Calcium	44-1	15896309	15676682	15542196	15705063	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	284028	282243	281193	282488	0.51	cps
Cobalt	59-2	263423	265839	259849	263037	1.15	cps
Copper	63-2	872193	875110	877001	874768	0.28	cps
Dysprosium	156-1	122374	119210	120545	120709	1.32	cps
Dysprosium	156-2	103367	103303	104659	103776	0.74	cps
Erbium	164-1	100645	99292	99800	99912	0.68	cps
Erbium	164-2	71615	71535	72074	71742	0.41	cps
Gadolinium	160-1	114846	114614	113979	114479	0.39	cps
Gadolinium	160-2	85334	85475	85643	85484	0.18	cps
Holmium	165-1	17089236	16718556	16790138	16865977	1.17	cps
Holmium	165-2	11857357	11868471	11851829	11859219	0.07	cps
Indium	115-1	13653769	13343135	13210438	13402447	1.70	cps
Indium	115-2	4993862	4998892	5010363	5001039	0.17	cps
Iron	56-2	319800482	322520442	322010055	321443660	0.45	cps
Iron	57-2	7922756	7997263	7964970	7961663	0.47	cps
Iron	54-2	17639930	17343307	17454270	17479169	0.86	cps
Krypton	83-1	397	347	350	364	7.67	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-03	Instrumnet Name :	P7
Client Sample ID :	MYCZH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:55:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3314562	3231507	3251227	3265765	1.33	cps
Lead	207-1	2974440	2932359	2942413	2949737	0.75	cps
Lead	208-1	13259160	13035596	13124943	13139900	0.86	cps
Lithium	6-1	1882385	1835351	1861954	1859897	1.27	cps
Magnesium	24-2	7163799	7200366	7174080	7179415	0.26	cps
Manganese	55-2	7356234	7377762	7397928	7377308	0.28	cps
Molybdenum	94-1	159633	157775	158348	158585	0.60	cps
Molybdenum	95-1	5061	4961	5074	5032	1.23	cps
Molybdenum	96-1	35376	34965	34885	35075	0.75	cps
Molybdenum	97-1	3010	3264	3287	3187	4.82	cps
Molybdenum	98-1	7889	8082	7862	7944	1.51	cps
Neodymium	150-1	217390	209273	212629	213097	1.91	cps
Neodymium	150-2	130667	130017	127834	129506	1.15	cps
Nickel	60-2	98960	99940	99420	99440	0.49	cps
Phosphorus	31-2	68332	68864	68422	68539	0.42	cps
Potassium	39-2	8870768	8881485	8808061	8853438	0.45	cps
Rhodium	103-1	12689140	12425386	12305168	12473231	1.57	cps
Rhodium	103-2	7514839	7483118	7529735	7509231	0.32	cps
Scandium	45-1	7779424	7631800	7487036	7632753	1.92	cps
Scandium	45-2	677826	673885	677358	676356	0.32	cps
Selenium	82-1	890	841	862	864	2.83	cps
Selenium	77-2	433	330	440	401	15.38	cps
Selenium	78-2	820	737	847	801	7.16	cps
Silicon	28-1	14010492	13958377	13971923	13980264	0.19	cps
Silver	107-1	9547	9823	9707	9692	1.43	cps
Silver	109-1	8859	9243	8909	9004	2.32	cps
Sodium	23-2	343385	344846	342285	343505	0.37	cps
Strontium	86-1	576701	578036	575499	576746	0.22	cps
Strontium	88-1	5214559	5186360	5197717	5199545	0.27	cps
Sulfur	34-1	319049	313822	308308	313726	1.71	cps
Terbium	159-1	17456413	17327002	17189630	17324348	0.77	cps
Terbium	159-2	11851009	11831387	11641740	11774712	0.98	cps
Thallium	203-1	4607	4451	4297	4452	3.48	cps
Thallium	205-1	9847	10284	9667	9933	3.19	cps
Tin	118-1	21035	20772	20298	20702	1.81	cps
Titanium	47-1	432441	432397	430030	431623	0.32	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-03	Instrumnet Name :	P7
Client Sample ID :	MYCZH1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:55:40	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39495	38649	38609	38918	1.29	cps
Vanadium	51-2	485162	480707	479363	481744	0.63	cps
Yttrium	89-1	17461626	17110400	17263182	17278403	1.02	cps
Yttrium	89-2	4839118	4831424	4821561	4830701	0.18	cps
Zinc	66-2	984047	985115	986995	985386	0.15	cps
Zirconium	90-1	427473	418452	416965	420963	1.35	cps
Zirconium	91-1	96665	93482	94102	94750	1.78	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-04	Instrumnet Name :	P7
Client Sample ID :	MYCZH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:58:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9158527	9232200	9262609	9217779	0.58	cps
Antimony	121-1	2034	2067	2033	2045	0.94	cps
Arsenic	75-2	52894	53416	53048	53119	0.50	cps
Barium	135-1	1775029	1758935	1743163	1759042	0.91	cps
Barium	137-1	3106879	3052912	3006241	3055344	1.65	cps
Beryllium	9-1	2707	2547	2637	2630	3.05	cps
Bismuth	209-1	10362524	10127660	9885596	10125260	2.36	cps
Bismuth	209-2	8243841	8288816	8167815	8233491	0.74	cps
Bromine	81-1	18976	18772	19156	18968	1.01	cps
Bromine	81-2	930	740	793	821	11.94	cps
Cadmium	108-1	1080	993	1060	1044	4.34	cps
Cadmium	106-1	6068	5858	5808	5911	2.33	cps
Cadmium	111-1	13969	13979	13804	13917	0.71	cps
Calcium	43-1	1203164	1161848	1185594	1183535	1.75	cps
Calcium	44-1	19167825	18768474	18785886	18907395	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	300724	299731	298893	299783	0.31	cps
Cobalt	59-2	250693	250461	252016	251057	0.33	cps
Copper	63-2	947598	953679	950940	950739	0.32	cps
Dysprosium	156-1	99683	99324	98774	99261	0.46	cps
Dysprosium	156-2	84958	87467	86343	86256	1.46	cps
Erbium	164-1	85697	84936	84010	84881	1.00	cps
Erbium	164-2	59821	59308	59961	59697	0.58	cps
Gadolinium	160-1	96613	94482	94100	95065	1.42	cps
Gadolinium	160-2	70566	70881	70406	70618	0.34	cps
Holmium	165-1	16946549	16755729	16449291	16717189	1.50	cps
Holmium	165-2	11827752	11820165	11678241	11775386	0.72	cps
Indium	115-1	13626333	13254549	13297412	13392764	1.52	cps
Indium	115-2	4951910	4971810	4924375	4949365	0.48	cps
Iron	56-2	263712943	263423949	261979923	263038938	0.35	cps
Iron	57-2	6553138	6488858	6500174	6514057	0.53	cps
Iron	54-2	14352811	14181589	14239718	14258039	0.61	cps
Krypton	83-1	327	340	327	331	2.33	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-04	Instrumnet Name :	P7
Client Sample ID :	MYCZH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:58:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3249221	3130488	3110915	3163542	2.37	cps
Lead	207-1	2987747	2926021	2926420	2946729	1.21	cps
Lead	208-1	13246460	12872506	12806666	12975211	1.83	cps
Lithium	6-1	1925734	1890592	1846879	1887735	2.09	cps
Magnesium	24-2	6140145	6140236	6162189	6147523	0.21	cps
Manganese	55-2	6375750	6323407	6329845	6343001	0.45	cps
Molybdenum	94-1	144458	141990	140617	142355	1.37	cps
Molybdenum	95-1	4341	4401	4114	4285	3.53	cps
Molybdenum	96-1	31120	30953	29997	30690	1.97	cps
Molybdenum	97-1	2624	2597	2597	2606	0.59	cps
Molybdenum	98-1	6578	6612	6605	6598	0.27	cps
Neodymium	150-1	175214	172872	169792	172626	1.58	cps
Neodymium	150-2	102435	104278	103611	103441	0.90	cps
Nickel	60-2	102547	102433	102329	102437	0.11	cps
Phosphorus	31-2	69001	68723	69430	69051	0.52	cps
Potassium	39-2	4833330	4889558	4845328	4856072	0.61	cps
Rhodium	103-1	12626031	12486232	12224829	12445698	1.64	cps
Rhodium	103-2	7419464	7474486	7447887	7447279	0.37	cps
Scandium	45-1	7820471	7642745	7518091	7660435	1.98	cps
Scandium	45-2	668374	674397	671370	671380	0.45	cps
Selenium	82-1	888	816	952	885	7.73	cps
Selenium	77-2	280	243	367	297	21.35	cps
Selenium	78-2	817	673	887	792	13.73	cps
Silicon	28-1	16693091	16582688	16377869	16551216	0.97	cps
Silver	107-1	17884	18235	18095	18071	0.98	cps
Silver	109-1	17003	17037	17207	17082	0.64	cps
Sodium	23-2	243104	244914	243102	243707	0.43	cps
Strontium	86-1	498001	499270	490950	496074	0.90	cps
Strontium	88-1	4575247	4504809	4383593	4487883	2.16	cps
Sulfur	34-1	272977	275312	272201	273496	0.59	cps
Terbium	159-1	17598837	17180786	17014478	17264700	1.74	cps
Terbium	159-2	11851441	11923151	11698728	11824440	0.97	cps
Thallium	203-1	4201	4487	4661	4450	5.22	cps
Thallium	205-1	10731	10888	10417	10679	2.24	cps
Tin	118-1	8266	8279	8306	8284	0.25	cps
Titanium	47-1	486667	483402	478821	482963	0.82	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-04	Instrumnet Name :	P7
Client Sample ID :	MYCZH2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 20:58:44	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43889	44390	44611	44297	0.84	cps
Vanadium	51-2	417722	421624	422816	420721	0.63	cps
Yttrium	89-1	17246798	16966828	16623573	16945733	1.84	cps
Yttrium	89-2	4728526	4768139	4768188	4754951	0.48	cps
Zinc	66-2	918439	915747	917350	917179	0.15	cps
Zirconium	90-1	385138	381870	374238	380415	1.47	cps
Zirconium	91-1	85249	84957	85095	85100	0.17	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-05	Instrumnet Name :	P7
Client Sample ID :	MYCZH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:01:47	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11976527	11878600	11917207	11924111	0.41	cps
Antimony	121-1	623	530	587	580	8.11	cps
Arsenic	75-2	46683	46198	44985	45955	1.90	cps
Barium	135-1	1837802	1832801	1813663	1828089	0.70	cps
Barium	137-1	3200238	3227526	3119868	3182544	1.76	cps
Beryllium	9-1	3290	3144	3294	3243	2.64	cps
Bismuth	209-1	10505648	10001664	9911944	10139752	3.16	cps
Bismuth	209-2	8273311	8141196	8216099	8210202	0.81	cps
Bromine	81-1	17908	18388	18398	18231	1.54	cps
Bromine	81-2	780	810	773	788	2.48	cps
Cadmium	108-1	487	427	457	457	6.57	cps
Cadmium	106-1	5618	5278	4971	5289	6.12	cps
Cadmium	111-1	7799	7756	7441	7665	2.55	cps
Calcium	43-1	560542	564667	559884	561698	0.46	cps
Calcium	44-1	8875404	8801421	8779633	8818819	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	303240	300180	301464	301628	0.51	cps
Cobalt	59-2	292185	291741	291542	291823	0.11	cps
Copper	63-2	938360	935044	930855	934753	0.40	cps
Dysprosium	156-1	137236	138626	136573	137479	0.76	cps
Dysprosium	156-2	119234	120891	120753	120293	0.76	cps
Erbium	164-1	114619	114679	114625	114641	0.03	cps
Erbium	164-2	82662	82354	81573	82196	0.68	cps
Gadolinium	160-1	128436	129390	128388	128738	0.44	cps
Gadolinium	160-2	96388	95593	95999	95993	0.41	cps
Holmium	165-1	17661241	16716459	16477733	16951811	3.69	cps
Holmium	165-2	11814790	11797499	11581802	11731364	1.11	cps
Indium	115-1	14223407	13386722	13247116	13619082	3.88	cps
Indium	115-2	5036668	5003887	4944914	4995156	0.93	cps
Iron	56-2	334787495	333095108	332934655	333605753	0.31	cps
Iron	57-2	8322452	8285083	8137723	8248419	1.18	cps
Iron	54-2	18201289	18196634	18186943	18194956	0.04	cps
Krypton	83-1	387	383	407	392	3.22	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-05	Instrumnet Name :	P7
Client Sample ID :	MYCZH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:01:47	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1346682	1359233	1343360	1349759	0.62	cps
Lead	207-1	1182592	1188985	1183030	1184869	0.30	cps
Lead	208-1	5535223	5612551	5540882	5562885	0.77	cps
Lithium	6-1	1991175	1829298	1855697	1892057	4.59	cps
Magnesium	24-2	6771419	6798212	6708006	6759212	0.69	cps
Manganese	55-2	7322076	7365891	7338822	7342263	0.30	cps
Molybdenum	94-1	68981	68985	68750	68905	0.19	cps
Molybdenum	95-1	3130	2987	2997	3038	2.63	cps
Molybdenum	96-1	17784	17961	17414	17720	1.58	cps
Molybdenum	97-1	1907	1763	1653	1775	7.16	cps
Molybdenum	98-1	4557	4521	4484	4521	0.81	cps
Neodymium	150-1	235689	238613	236207	236836	0.66	cps
Neodymium	150-2	145428	144243	144835	144835	0.41	cps
Nickel	60-2	117445	118668	117848	117987	0.53	cps
Phosphorus	31-2	41155	40968	40026	40716	1.49	cps
Potassium	39-2	4099147	4125250	4069224	4097874	0.68	cps
Rhodium	103-1	13352078	12487636	12334871	12724862	4.31	cps
Rhodium	103-2	7522699	7480662	7466082	7489814	0.39	cps
Scandium	45-1	8234472	7738208	7690210	7887630	3.82	cps
Scandium	45-2	689642	684198	685488	686443	0.41	cps
Selenium	82-1	860	774	790	808	5.71	cps
Selenium	77-2	403	403	313	373	13.92	cps
Selenium	78-2	917	803	873	864	6.62	cps
Silicon	28-1	9734360	9895850	9702016	9777409	1.06	cps
Silver	107-1	5725	5634	5571	5643	1.37	cps
Silver	109-1	4761	5121	5251	5044	5.03	cps
Sodium	23-2	223535	223031	219616	222061	0.96	cps
Strontium	86-1	395026	396037	390821	393961	0.70	cps
Strontium	88-1	3541840	3587720	3519714	3549758	0.98	cps
Sulfur	34-1	212144	209066	206795	209335	1.28	cps
Terbium	159-1	18048677	17127121	17105002	17426933	3.09	cps
Terbium	159-2	11746966	11861787	11737803	11782186	0.59	cps
Thallium	203-1	4144	4114	4007	4088	1.76	cps
Thallium	205-1	9784	9607	9490	9627	1.54	cps
Tin	118-1	4207	4304	4261	4257	1.14	cps
Titanium	47-1	145021	142964	141282	143089	1.31	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-05	Instrumnet Name :	P7
Client Sample ID :	MYCZH3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:01:47	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49662	50746	50321	50243	1.09	cps
Vanadium	51-2	525082	525941	522657	524560	0.32	cps
Yttrium	89-1	18152880	17348719	17268252	17589950	2.78	cps
Yttrium	89-2	4893518	4882905	4828783	4868402	0.71	cps
Zinc	66-2	467326	463942	462892	464720	0.50	cps
Zirconium	90-1	179810	182505	179073	180463	1.00	cps
Zirconium	91-1	40673	40252	40950	40625	0.87	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-06	Instrumnet Name :	P7
Client Sample ID :	MYCZH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:04:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11569649	11450069	11534228	11517982	0.53	cps
Antimony	121-1	453	570	607	543	14.74	cps
Arsenic	75-2	31423	30715	31370	31169	1.27	cps
Barium	135-1	2255106	2242400	2243958	2247155	0.31	cps
Barium	137-1	3914852	3841078	3870448	3875459	0.96	cps
Beryllium	9-1	3037	2974	3077	3029	1.72	cps
Bismuth	209-1	10185143	9849362	9940269	9991591	1.74	cps
Bismuth	209-2	8154058	8191998	8198055	8181370	0.29	cps
Bromine	81-1	18505	18632	18375	18504	0.69	cps
Bromine	81-2	757	713	727	732	3.03	cps
Cadmium	108-1	247	333	250	277	17.75	cps
Cadmium	106-1	4801	4441	4507	4583	4.18	cps
Cadmium	111-1	5868	5725	5684	5759	1.68	cps
Calcium	43-1	569941	562891	556863	563232	1.16	cps
Calcium	44-1	8911174	8965287	8778876	8885112	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	269976	267951	265642	267856	0.81	cps
Cobalt	59-2	269326	267829	268269	268475	0.29	cps
Copper	63-2	471566	469237	470962	470588	0.26	cps
Dysprosium	156-1	142309	141400	142925	142211	0.54	cps
Dysprosium	156-2	121385	124109	121453	122316	1.27	cps
Erbium	164-1	117499	117680	117472	117550	0.10	cps
Erbium	164-2	84775	83028	82787	83530	1.30	cps
Gadolinium	160-1	138476	138506	138241	138408	0.10	cps
Gadolinium	160-2	103236	103515	102474	103075	0.52	cps
Holmium	165-1	17013517	16423861	16449730	16629036	2.00	cps
Holmium	165-2	11763605	11727805	11781334	11757581	0.23	cps
Indium	115-1	13641863	13311974	13108751	13354196	2.01	cps
Indium	115-2	4996054	4963554	4977304	4978970	0.33	cps
Iron	56-2	305239822	305313209	302411842	304321624	0.54	cps
Iron	57-2	7608731	7611813	7460359	7560301	1.15	cps
Iron	54-2	16765913	16585045	16587510	16646156	0.62	cps
Krypton	83-1	380	437	393	403	7.35	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-06	Instrumnet Name :	P7
Client Sample ID :	MYCZH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:04:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1093942	1104364	1095191	1097832	0.52	cps
Lead	207-1	967185	965637	969164	967328	0.18	cps
Lead	208-1	4557730	4539834	4562322	4553295	0.26	cps
Lithium	6-1	1888953	1898424	1860218	1882532	1.06	cps
Magnesium	24-2	7075793	7007604	6970439	7017945	0.76	cps
Manganese	55-2	6912756	6911285	6855816	6893286	0.47	cps
Molybdenum	94-1	30726	31601	31334	31220	1.44	cps
Molybdenum	95-1	2697	2707	2624	2676	1.70	cps
Molybdenum	96-1	11164	10707	10751	10874	2.32	cps
Molybdenum	97-1	1557	1647	1577	1593	2.97	cps
Molybdenum	98-1	4084	3937	4044	4022	1.89	cps
Neodymium	150-1	254432	252927	251408	252922	0.60	cps
Neodymium	150-2	152775	153752	151642	152723	0.69	cps
Nickel	60-2	92563	92368	92144	92359	0.23	cps
Phosphorus	31-2	51994	51908	51750	51884	0.24	cps
Potassium	39-2	5982788	5872518	5885502	5913602	1.02	cps
Rhodium	103-1	12717844	12323643	12136718	12392735	2.39	cps
Rhodium	103-2	7478679	7443607	7366145	7429477	0.78	cps
Scandium	45-1	7930607	7746939	7566369	7747971	2.35	cps
Scandium	45-2	679011	674552	671345	674969	0.57	cps
Selenium	82-1	903	718	799	807	11.50	cps
Selenium	77-2	410	397	430	412	4.07	cps
Selenium	78-2	807	807	887	833	5.54	cps
Silicon	28-1	16001319	16729113	15801446	16177293	3.02	cps
Silver	107-1	1357	1307	1367	1343	2.39	cps
Silver	109-1	1247	1210	1147	1201	4.21	cps
Sodium	23-2	171031	170236	169447	170238	0.47	cps
Strontium	86-1	412694	413443	408739	411626	0.61	cps
Strontium	88-1	3733108	3753926	3683505	3723513	0.97	cps
Sulfur	34-1	225482	225290	225201	225324	0.06	cps
Terbium	159-1	17752808	17187320	16919823	17286650	2.46	cps
Terbium	159-2	11768259	11798321	11698841	11755140	0.43	cps
Thallium	203-1	4051	3681	3641	3791	5.97	cps
Thallium	205-1	9103	8680	8843	8875	2.41	cps
Tin	118-1	2120	2207	2024	2117	4.33	cps
Titanium	47-1	458393	459449	451172	456338	0.99	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-06	Instrumnet Name :	P7
Client Sample ID :	MYCZH4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:04:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43464	43287	43909	43553	0.74	cps
Vanadium	51-2	461500	458618	455273	458464	0.68	cps
Yttrium	89-1	17799991	17614995	17070313	17495099	2.17	cps
Yttrium	89-2	4881781	4894480	4834407	4870222	0.65	cps
Zinc	66-2	450088	452875	446260	449741	0.74	cps
Zirconium	90-1	80093	80810	80559	80488	0.45	cps
Zirconium	91-1	17724	17898	18265	17962	1.54	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-07	Instrumnet Name :	P7
Client Sample ID :	MYCZH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:08:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10626847	10748974	10730847	10702223	0.62	cps
Antimony	121-1	500	550	513	521	4.97	cps
Arsenic	75-2	40585	40164	39867	40205	0.90	cps
Barium	135-1	1810319	1788275	1788022	1795539	0.71	cps
Barium	137-1	3113143	3090241	3067744	3090376	0.73	cps
Beryllium	9-1	2910	3090	2807	2936	4.88	cps
Bismuth	209-1	10141958	9968074	9993860	10034631	0.94	cps
Bismuth	209-2	8290418	8223071	8216099	8243196	0.50	cps
Bromine	81-1	18332	17998	17611	17980	2.01	cps
Bromine	81-2	640	687	590	639	7.57	cps
Cadmium	108-1	543	480	523	516	6.28	cps
Cadmium	106-1	5191	4921	4657	4923	5.42	cps
Cadmium	111-1	9865	9820	9285	9657	3.34	cps
Calcium	43-1	799386	782922	789983	790763	1.04	cps
Calcium	44-1	12633289	12442029	12325294	12466871	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	283242	280487	280158	281296	0.60	cps
Cobalt	59-2	296979	298030	293855	296288	0.73	cps
Copper	63-2	719373	719646	717562	718860	0.16	cps
Dysprosium	156-1	132895	129422	129901	130739	1.44	cps
Dysprosium	156-2	112408	112005	113591	112668	0.73	cps
Erbium	164-1	110791	110280	109901	110324	0.41	cps
Erbium	164-2	77782	78482	77433	77899	0.69	cps
Gadolinium	160-1	126158	125580	124621	125453	0.62	cps
Gadolinium	160-2	93009	93603	92982	93198	0.38	cps
Holmium	165-1	16891076	16753098	16454781	16699651	1.34	cps
Holmium	165-2	11914527	11859206	11894911	11889548	0.24	cps
Indium	115-1	13539440	13290772	13142683	13324298	1.50	cps
Indium	115-2	4960621	4948635	4969830	4959695	0.21	cps
Iron	56-2	305389595	304061835	305676609	305042680	0.28	cps
Iron	57-2	7504828	7414280	7461248	7460119	0.61	cps
Iron	54-2	16538889	16391094	16469381	16466455	0.45	cps
Krypton	83-1	303	360	350	338	8.95	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-07	Instrumnet Name :	P7
Client Sample ID :	MYCZH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:08:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2077707	2066281	2052532	2065507	0.61	cps
Lead	207-1	1886384	1839568	1696899	1807617	5.46	cps
Lead	208-1	8470725	8307433	8115670	8297943	2.14	cps
Lithium	6-1	1897631	1873343	1865586	1878853	0.89	cps
Magnesium	24-2	6816326	6824173	6743467	6794655	0.65	cps
Manganese	55-2	7568980	7577570	7495681	7547411	0.60	cps
Molybdenum	94-1	13546	13133	13169	13283	1.72	cps
Molybdenum	95-1	2767	2707	2684	2719	1.58	cps
Molybdenum	96-1	8272	7966	8042	8093	1.97	cps
Molybdenum	97-1	1750	1573	1630	1651	5.46	cps
Molybdenum	98-1	4234	3867	4071	4057	4.53	cps
Neodymium	150-1	230538	229016	227618	229057	0.64	cps
Neodymium	150-2	139694	139162	139129	139328	0.23	cps
Nickel	60-2	104484	104873	103994	104450	0.42	cps
Phosphorus	31-2	40249	40173	39203	39875	1.46	cps
Potassium	39-2	6168007	6169951	6117731	6151896	0.48	cps
Rhodium	103-1	12542306	12352785	12192932	12362675	1.41	cps
Rhodium	103-2	7482609	7447431	7432360	7454134	0.35	cps
Scandium	45-1	7766979	7617660	7633454	7672698	1.07	cps
Scandium	45-2	680619	680601	677125	679448	0.30	cps
Selenium	82-1	865	876	827	856	3.02	cps
Selenium	77-2	460	403	380	414	9.93	cps
Selenium	78-2	867	827	797	830	4.23	cps
Silicon	28-1	15456187	15695337	15116968	15422831	1.88	cps
Silver	107-1	3951	3997	3897	3948	1.27	cps
Silver	109-1	3657	3701	3577	3645	1.72	cps
Sodium	23-2	146408	145903	144426	145579	0.71	cps
Strontium	86-1	459935	453442	451792	455056	0.95	cps
Strontium	88-1	4137336	4029774	4092060	4086390	1.32	cps
Sulfur	34-1	232711	233290	233503	233168	0.18	cps
Terbium	159-1	17526151	16995100	17296546	17272599	1.54	cps
Terbium	159-2	11698165	11709882	11678092	11695380	0.14	cps
Thallium	203-1	3774	3987	3831	3864	2.86	cps
Thallium	205-1	9156	9033	9223	9138	1.06	cps
Tin	118-1	1763	1893	1870	1842	3.76	cps
Titanium	47-1	304820	301373	298262	301485	1.09	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-07	Instrumnet Name :	P7
Client Sample ID :	MYCZH5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:08:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	52265	51329	50455	51350	1.76	cps
Vanadium	51-2	457200	453821	450631	453884	0.72	cps
Yttrium	89-1	17753073	17222101	17040138	17338437	2.14	cps
Yttrium	89-2	4849780	4831815	4790114	4823903	0.63	cps
Zinc	66-2	670096	672640	664514	669083	0.62	cps
Zirconium	90-1	31771	31871	31898	31847	0.21	cps
Zirconium	91-1	7028	6888	6905	6941	1.10	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-08	Instrumnet Name :	P7
Client Sample ID :	MYCZH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:11:06	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7819401	7737652	7729577	7762210	0.64	cps
Antimony	121-1	4347	4424	4651	4474	3.53	cps
Arsenic	75-2	176762	174620	174375	175252	0.75	cps
Barium	135-1	932359	928556	915956	925624	0.93	cps
Barium	137-1	1707167	1689205	1652200	1682857	1.67	cps
Beryllium	9-1	1997	2113	2077	2062	2.89	cps
Bismuth	209-1	10247121	10000748	9947033	10064967	1.59	cps
Bismuth	209-2	8286797	8212894	8244986	8248226	0.45	cps
Bromine	81-1	17390	17347	17797	17512	1.42	cps
Bromine	81-2	500	567	477	514	9.08	cps
Cadmium	108-1	930	907	963	933	3.05	cps
Cadmium	106-1	5978	5548	5845	5790	3.80	cps
Cadmium	111-1	14594	14450	14361	14468	0.81	cps
Calcium	43-1	299453	294990	292104	295516	1.25	cps
Calcium	44-1	4707903	4600528	4571350	4626593	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	203872	201153	199198	201408	1.17	cps
Cobalt	59-2	209385	206453	207562	207800	0.71	cps
Copper	63-2	889388	881339	881577	884102	0.52	cps
Dysprosium	156-1	87785	87077	85542	86802	1.32	cps
Dysprosium	156-2	75327	74409	73504	74413	1.22	cps
Erbium	164-1	71733	71234	71609	71525	0.36	cps
Erbium	164-2	51254	50518	50467	50746	0.87	cps
Gadolinium	160-1	80771	81223	81341	81112	0.37	cps
Gadolinium	160-2	61186	60644	60848	60893	0.45	cps
Holmium	165-1	16773571	16218819	16427654	16473348	1.70	cps
Holmium	165-2	11869996	11681501	11655518	11735672	1.00	cps
Indium	115-1	13618124	13093985	13180555	13297555	2.11	cps
Indium	115-2	5055538	4968741	4939860	4988046	1.21	cps
Iron	56-2	284390729	281376069	280286242	282017680	0.75	cps
Iron	57-2	6994987	6958983	6917704	6957225	0.56	cps
Iron	54-2	15487305	15484582	15189800	15387229	1.11	cps
Krypton	83-1	330	393	273	332	18.07	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-08	Instrumnet Name :	P7
Client Sample ID :	MYCZH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:11:06	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4047578	4031640	3994102	4024440	0.68	cps
Lead	207-1	3838453	3850920	3766338	3818571	1.20	cps
Lead	208-1	16726089	16727025	16495239	16649451	0.80	cps
Lithium	6-1	1876332	1823405	1856190	1851976	1.44	cps
Magnesium	24-2	4848019	4771737	4758997	4792918	1.00	cps
Manganese	55-2	5279839	5291896	5208660	5260132	0.86	cps
Molybdenum	94-1	96680	96397	94629	95902	1.16	cps
Molybdenum	95-1	4184	4211	4294	4230	1.36	cps
Molybdenum	96-1	22941	23001	22487	22810	1.23	cps
Molybdenum	97-1	2614	2670	2550	2611	2.30	cps
Molybdenum	98-1	6315	6415	6301	6344	0.98	cps
Neodymium	150-1	158024	153681	152797	154834	1.81	cps
Neodymium	150-2	92259	93440	92293	92664	0.73	cps
Nickel	60-2	69935	69798	69252	69662	0.52	cps
Phosphorus	31-2	40179	40116	39825	40040	0.47	cps
Potassium	39-2	3771737	3764516	3788109	3774787	0.32	cps
Rhodium	103-1	12677561	12401174	12169861	12416198	2.05	cps
Rhodium	103-2	7558403	7428412	7364461	7450426	1.33	cps
Scandium	45-1	7766138	7621612	7460857	7616203	2.01	cps
Scandium	45-2	678707	669683	668504	672298	0.83	cps
Selenium	82-1	1029	870	1003	967	8.85	cps
Selenium	77-2	343	287	237	289	18.47	cps
Selenium	78-2	760	793	710	754	5.56	cps
Silicon	28-1	10662934	10631310	10607259	10633834	0.26	cps
Silver	107-1	19613	20001	20521	20045	2.27	cps
Silver	109-1	19106	18993	18368	18822	2.11	cps
Sodium	23-2	84872	83880	84477	84410	0.59	cps
Strontium	86-1	201114	200110	197367	199530	0.97	cps
Strontium	88-1	1822232	1800221	1771935	1798129	1.40	cps
Sulfur	34-1	201577	198093	201655	200442	1.01	cps
Terbium	159-1	17625632	16780798	17027960	17144797	2.53	cps
Terbium	159-2	11767884	11617856	11594553	11660097	0.81	cps
Thallium	203-1	3901	3781	3741	3807	2.19	cps
Thallium	205-1	9357	9230	8836	9141	2.97	cps
Tin	118-1	3981	3934	3844	3920	1.77	cps
Titanium	47-1	559104	555476	556788	557123	0.33	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-08	Instrumnet Name :	P7
Client Sample ID :	MYCZH6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:11:06	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35467	35163	35510	35380	0.54	cps
Vanadium	51-2	388592	387577	384134	386768	0.60	cps
Yttrium	89-1	17159746	16768481	16488707	16805645	2.01	cps
Yttrium	89-2	4753109	4674256	4627926	4685097	1.35	cps
Zinc	66-2	887724	884069	880157	883983	0.43	cps
Zirconium	90-1	256445	254002	252624	254357	0.76	cps
Zirconium	91-1	57405	55953	57254	56871	1.40	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-09	Instrumnet Name :	P7
Client Sample ID :	MYCZH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:14:10	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9756643	9825346	9802904	9794964	0.36	cps
Antimony	121-1	947	983	920	950	3.35	cps
Arsenic	75-2	100681	98856	97950	99163	1.40	cps
Barium	135-1	1252838	1236873	1228240	1239317	1.01	cps
Barium	137-1	2280499	2258992	2219954	2253148	1.36	cps
Beryllium	9-1	2527	2304	2684	2505	7.63	cps
Bismuth	209-1	10092072	9903140	9792420	9929211	1.53	cps
Bismuth	209-2	8196661	8179532	8301262	8225818	0.80	cps
Bromine	81-1	17304	17397	17631	17444	0.97	cps
Bromine	81-2	540	507	600	549	8.62	cps
Cadmium	108-1	637	753	700	697	8.38	cps
Cadmium	106-1	5511	5284	5014	5270	4.72	cps
Cadmium	111-1	11851	11387	11426	11555	2.23	cps
Calcium	43-1	392957	392376	386596	390643	0.90	cps
Calcium	44-1	6182179	6221974	6043992	6149382	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249592	248474	246804	248290	0.57	cps
Cobalt	59-2	264326	261792	260351	262156	0.77	cps
Copper	63-2	820337	815913	813986	816745	0.40	cps
Dysprosium	156-1	115201	115073	115274	115183	0.09	cps
Dysprosium	156-2	99862	99116	99385	99454	0.38	cps
Erbium	164-1	97735	97393	96547	97225	0.63	cps
Erbium	164-2	69887	69529	69850	69755	0.28	cps
Gadolinium	160-1	112026	109785	110296	110703	1.06	cps
Gadolinium	160-2	81207	82289	82447	81981	0.82	cps
Holmium	165-1	16712722	16545826	16216989	16491846	1.53	cps
Holmium	165-2	11679023	11838142	11714309	11743825	0.71	cps
Indium	115-1	13557129	13210727	13039614	13269157	1.99	cps
Indium	115-2	4939698	4933015	4855624	4909446	0.95	cps
Iron	56-2	313061569	314346475	312788062	313398702	0.27	cps
Iron	57-2	7889649	7804730	7736417	7810265	0.98	cps
Iron	54-2	17211547	17123722	17058701	17131323	0.45	cps
Krypton	83-1	350	367	333	350	4.76	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-09	Instrumnet Name :	P7
Client Sample ID :	MYCZH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:14:10	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1841393	1853252	1828662	1841102	0.67	cps
Lead	207-1	1605207	1592954	1582106	1593422	0.73	cps
Lead	208-1	7549617	7405862	7398311	7451263	1.14	cps
Lithium	6-1	1909460	1890014	1854915	1884796	1.47	cps
Magnesium	24-2	6116995	6119936	6115524	6117485	0.04	cps
Manganese	55-2	6845740	6917058	6797282	6853360	0.88	cps
Molybdenum	94-1	34016	33749	33559	33774	0.68	cps
Molybdenum	95-1	2877	2680	2750	2769	3.60	cps
Molybdenum	96-1	11755	11144	11441	11447	2.67	cps
Molybdenum	97-1	1727	1660	1673	1687	2.09	cps
Molybdenum	98-1	4114	4197	4091	4134	1.36	cps
Neodymium	150-1	204400	204474	201153	203342	0.93	cps
Neodymium	150-2	123223	121881	123158	122754	0.62	cps
Nickel	60-2	88445	87185	86725	87452	1.02	cps
Phosphorus	31-2	35428	35357	35825	35537	0.71	cps
Potassium	39-2	3818666	3700364	3713605	3744212	1.73	cps
Rhodium	103-1	12420158	12569852	12263604	12417871	1.23	cps
Rhodium	103-2	7482697	7364092	7372637	7406475	0.89	cps
Scandium	45-1	7739287	7611171	7569830	7640096	1.16	cps
Scandium	45-2	672756	679950	677201	676635	0.54	cps
Selenium	82-1	892	806	914	871	6.53	cps
Selenium	77-2	387	313	317	339	12.22	cps
Selenium	78-2	793	877	853	841	5.11	cps
Silicon	28-1	12127134	11845362	11831230	11934575	1.40	cps
Silver	107-1	7922	7916	7949	7929	0.22	cps
Silver	109-1	7689	7482	7452	7541	1.71	cps
Sodium	23-2	96832	96815	96157	96601	0.40	cps
Strontium	86-1	249117	246513	246480	247370	0.61	cps
Strontium	88-1	2244092	2239664	2217252	2233669	0.64	cps
Sulfur	34-1	186509	187623	188038	187390	0.42	cps
Terbium	159-1	17245041	17093473	16943426	17093980	0.88	cps
Terbium	159-2	11557994	11705694	11660216	11641302	0.65	cps
Thallium	203-1	4121	4051	3871	4014	3.21	cps
Thallium	205-1	9370	9684	9056	9370	3.35	cps
Tin	118-1	2420	2667	2270	2453	8.18	cps
Titanium	47-1	596302	589569	589777	591883	0.65	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-09	Instrumnet Name :	P7
Client Sample ID :	MYCZH7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:14:10	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43514	43906	43160	43526	0.86	cps
Vanadium	51-2	451301	450186	448055	449847	0.37	cps
Yttrium	89-1	17169168	17019973	16934729	17041290	0.70	cps
Yttrium	89-2	4780431	4763167	4807101	4783566	0.46	cps
Zinc	66-2	632674	633845	625828	630782	0.69	cps
Zirconium	90-1	87582	85074	86074	86243	1.46	cps
Zirconium	91-1	20044	19476	19663	19728	1.47	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-10	Instrumnet Name :	P7
Client Sample ID :	MYCZH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:17:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9124359	9085017	8968338	9059238	0.90	cps
Antimony	121-1	573	660	627	620	7.05	cps
Arsenic	75-2	58013	57865	58438	58105	0.51	cps
Barium	135-1	1263030	1246201	1232984	1247405	1.21	cps
Barium	137-1	2327322	2259992	2268648	2285321	1.60	cps
Beryllium	9-1	2247	2457	2160	2288	6.67	cps
Bismuth	209-1	10173655	10032841	9861558	10022684	1.56	cps
Bismuth	209-2	8365258	8138741	8158241	8220747	1.53	cps
Bromine	81-1	17007	16733	16920	16886	0.83	cps
Bromine	81-2	393	443	487	441	10.59	cps
Cadmium	108-1	503	520	497	507	2.37	cps
Cadmium	106-1	5071	4661	4774	4835	4.38	cps
Cadmium	111-1	9052	8523	8812	8796	3.01	cps
Calcium	43-1	476399	470871	467063	471444	1.00	cps
Calcium	44-1	7430561	7371626	7286661	7362949	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	222362	223954	221726	222681	0.52	cps
Cobalt	59-2	247424	243992	246204	245873	0.71	cps
Copper	63-2	541618	537392	537993	539001	0.42	cps
Dysprosium	156-1	106036	105294	104656	105329	0.66	cps
Dysprosium	156-2	91267	90194	90110	90523	0.71	cps
Erbium	164-1	89018	88246	86934	88066	1.20	cps
Erbium	164-2	62961	62111	62639	62570	0.69	cps
Gadolinium	160-1	99913	98983	98490	99129	0.73	cps
Gadolinium	160-2	73619	73337	73136	73364	0.33	cps
Holmium	165-1	16815739	16628007	16566624	16670123	0.78	cps
Holmium	165-2	11804667	11758439	11718922	11760676	0.36	cps
Indium	115-1	13648999	13409666	13008351	13355672	2.42	cps
Indium	115-2	5007716	4926597	4937275	4957196	0.89	cps
Iron	56-2	264421789	262350669	263595709	263456056	0.40	cps
Iron	57-2	6551344	6501601	6413215	6488720	1.08	cps
Iron	54-2	14384895	14417603	14304099	14368866	0.41	cps
Krypton	83-1	427	380	330	379	12.76	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-10	Instrumnet Name :	P7
Client Sample ID :	MYCZH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:17:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1107226	1115119	1092857	1105067	1.02	cps
Lead	207-1	1026697	1016200	1004535	1015811	1.09	cps
Lead	208-1	4717856	4711062	4598388	4675768	1.44	cps
Lithium	6-1	1911945	1850201	1858118	1873421	1.79	cps
Magnesium	24-2	6668382	6667536	6670347	6668755	0.02	cps
Manganese	55-2	6976056	6974307	6925106	6958490	0.42	cps
Molybdenum	94-1	20191	20284	19606	20027	1.83	cps
Molybdenum	95-1	2354	2224	2347	2308	3.17	cps
Molybdenum	96-1	8433	8713	8119	8421	3.53	cps
Molybdenum	97-1	1340	1353	1403	1366	2.44	cps
Molybdenum	98-1	3584	3294	3414	3430	4.25	cps
Neodymium	150-1	186455	183983	182542	184327	1.07	cps
Neodymium	150-2	110193	111570	111093	110952	0.63	cps
Nickel	60-2	97531	96981	96702	97071	0.43	cps
Phosphorus	31-2	33427	33386	33183	33332	0.39	cps
Potassium	39-2	4157197	4171423	4176080	4168233	0.24	cps
Rhodium	103-1	12671876	12295290	12283061	12416742	1.78	cps
Rhodium	103-2	7574141	7489487	7425974	7496534	0.99	cps
Scandium	45-1	7754647	7510144	7439206	7567999	2.19	cps
Scandium	45-2	674676	673054	669840	672524	0.37	cps
Selenium	82-1	735	718	752	735	2.31	cps
Selenium	77-2	323	300	307	310	3.88	cps
Selenium	78-2	857	727	777	787	8.34	cps
Silicon	28-1	10985981	11139659	11037296	11054312	0.71	cps
Silver	107-1	4534	4414	4391	4446	1.73	cps
Silver	109-1	4117	4054	4111	4094	0.85	cps
Sodium	23-2	89290	88599	89099	88996	0.40	cps
Strontium	86-1	358524	357899	357261	357894	0.18	cps
Strontium	88-1	3273406	3197231	3191192	3220610	1.42	cps
Sulfur	34-1	250881	251453	250962	251098	0.12	cps
Terbium	159-1	17631771	17023246	16884334	17179784	2.31	cps
Terbium	159-2	11733015	11750872	11753350	11745746	0.09	cps
Thallium	203-1	3397	3214	3400	3337	3.20	cps
Thallium	205-1	8006	7972	8189	8056	1.45	cps
Tin	118-1	1994	1683	1727	1801	9.32	cps
Titanium	47-1	227929	227555	222538	226007	1.33	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-10	Instrumnet Name :	P7
Client Sample ID :	MYCZH8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:17:18	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32249	31815	31597	31887	1.04	cps
Vanadium	51-2	360490	361305	358678	360158	0.37	cps
Yttrium	89-1	17383605	16897968	16766314	17015962	1.91	cps
Yttrium	89-2	4791093	4745496	4720651	4752413	0.75	cps
Zinc	66-2	488919	483655	488200	486924	0.59	cps
Zirconium	90-1	51379	51172	50299	50950	1.13	cps
Zirconium	91-1	11715	11731	11358	11601	1.82	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-11	Instrumnet Name :	P7
Client Sample ID :	MYCZQ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:20:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18146870	17985892	17861083	17997948	0.80	cps
Antimony	121-1	310	320	373	334	10.18	cps
Arsenic	75-2	21556	22277	22107	21980	1.71	cps
Barium	135-1	298459	301161	296341	298654	0.81	cps
Barium	137-1	519726	522648	515982	519452	0.64	cps
Beryllium	9-1	787	800	783	790	1.12	cps
Bismuth	209-1	9811630	8868347	9414225	9364734	5.06	cps
Bismuth	209-2	8020570	8217743	8049873	8096062	1.31	cps
Bromine	81-1	16883	17514	16977	17124	1.99	cps
Bromine	81-2	337	330	330	332	1.16	cps
Cadmium	108-1	117	63	87	89	30.08	cps
Cadmium	106-1	4341	3884	4124	4116	5.55	cps
Cadmium	111-1	3964	3748	3866	3859	2.80	cps
Calcium	43-1	428870	430274	426430	428525	0.45	cps
Calcium	44-1	6770128	6690242	6674262	6711544	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	838293	843326	837086	839568	0.39	cps
Cobalt	59-2	689040	692907	684327	688758	0.62	cps
Copper	63-2	1879353	1857711	1853935	1863666	0.74	cps
Dysprosium	156-1	56650	56048	55683	56127	0.87	cps
Dysprosium	156-2	43480	43684	43892	43685	0.47	cps
Erbium	164-1	72044	72406	70936	71795	1.07	cps
Erbium	164-2	51146	51200	50638	50995	0.61	cps
Gadolinium	160-1	61588	61983	61705	61759	0.33	cps
Gadolinium	160-2	45721	45805	46865	46130	1.38	cps
Holmium	165-1	17143146	15191266	16145198	16159870	6.04	cps
Holmium	165-2	11936583	11945181	11649056	11843607	1.42	cps
Indium	115-1	13596736	12092015	13000759	12896503	5.88	cps
Indium	115-2	5038303	5015103	5001611	5018339	0.37	cps
Iron	56-2	640369177	640025617	629879977	636758257	0.94	cps
Iron	57-2	15776140	15640389	15634607	15683712	0.51	cps
Iron	54-2	34901966	35058479	34348097	34769514	1.07	cps
Krypton	83-1	290	433	327	350	21.28	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-11	Instrumnet Name :	P7
Client Sample ID :	MYCZQ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:20:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	73102	74134	72234	73156	1.30	cps
Lead	207-1	63149	62955	61709	62604	1.25	cps
Lead	208-1	289666	288252	281298	286405	1.56	cps
Lithium	6-1	1876289	1707115	1770424	1784610	4.79	cps
Magnesium	24-2	22095854	22022251	21843426	21987177	0.59	cps
Manganese	55-2	8825171	8852534	8651086	8776264	1.25	cps
Molybdenum	94-1	2777	2567	2707	2684	3.99	cps
Molybdenum	95-1	1453	1503	1570	1509	3.88	cps
Molybdenum	96-1	8282	8689	8272	8415	2.83	cps
Molybdenum	97-1	1000	1043	917	987	6.53	cps
Molybdenum	98-1	2060	2150	1907	2039	6.03	cps
Neodymium	150-1	64021	63294	62628	63314	1.10	cps
Neodymium	150-2	38857	38633	38947	38812	0.42	cps
Nickel	60-2	302995	302166	300728	301963	0.38	cps
Phosphorus	31-2	20083	20330	20454	20289	0.93	cps
Potassium	39-2	1058671	1048524	1050388	1052528	0.51	cps
Rhodium	103-1	12837711	11480922	12219285	12179306	5.58	cps
Rhodium	103-2	7581931	7646216	7423868	7550672	1.52	cps
Scandium	45-1	8376813	7546301	7980637	7967917	5.21	cps
Scandium	45-2	748332	751064	743073	747490	0.54	cps
Selenium	82-1	630	462	602	564	15.95	cps
Selenium	77-2	110	143	143	132	14.56	cps
Selenium	78-2	650	673	620	648	4.13	cps
Silicon	28-1	6548425	7067693	6471299	6695806	4.84	cps
Silver	107-1	960	930	933	941	1.75	cps
Silver	109-1	867	803	793	821	4.84	cps
Sodium	23-2	193232	193202	193392	193276	0.05	cps
Strontium	86-1	211328	210455	209269	210351	0.49	cps
Strontium	88-1	1894081	1899944	1910052	1901359	0.42	cps
Sulfur	34-1	172704	176479	177234	175472	1.38	cps
Terbium	159-1	17643357	15681161	16669883	16664800	5.89	cps
Terbium	159-2	11877166	11622268	11661531	11720321	1.17	cps
Thallium	203-1	1053	1027	1037	1039	1.30	cps
Thallium	205-1	2594	2530	2277	2467	6.79	cps
Tin	118-1	2720	2817	2924	2820	3.61	cps
Titanium	47-1	645822	646314	637217	643118	0.80	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-11	Instrumnet Name :	P7
Client Sample ID :	MYCZQ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:20:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9767	9810	9417	9665	2.23	cps
Vanadium	51-2	1527236	1537459	1527397	1530697	0.38	cps
Yttrium	89-1	17445993	15670069	16687673	16601245	5.37	cps
Yttrium	89-2	4885465	4843128	4765792	4831462	1.26	cps
Zinc	66-2	195930	197424	195020	196125	0.62	cps
Zirconium	90-1	3851	3917	3904	3891	0.91	cps
Zirconium	91-1	950	820	1007	926	10.34	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-12	Instrumnet Name :	P7
Client Sample ID :	MYCZR0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:23:33	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17465820	17486492	17271763	17408025	0.68	cps
Antimony	121-1	260	343	293	299	14.03	cps
Arsenic	75-2	22684	23305	22584	22858	1.71	cps
Barium	135-1	246340	247659	246460	246819	0.30	cps
Barium	137-1	429669	431863	424356	428629	0.90	cps
Beryllium	9-1	767	733	670	723	6.79	cps
Bismuth	209-1	10351535	9639515	9608443	9866497	4.26	cps
Bismuth	209-2	7949435	7970913	7939757	7953368	0.20	cps
Bromine	81-1	17220	17170	17370	17254	0.60	cps
Bromine	81-2	300	367	303	323	11.62	cps
Cadmium	108-1	123	97	113	111	12.12	cps
Cadmium	106-1	4651	4627	4254	4511	4.94	cps
Cadmium	111-1	4236	4262	3902	4133	4.86	cps
Calcium	43-1	385116	388633	381312	385021	0.95	cps
Calcium	44-1	6077870	6103873	6007845	6063196	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	817383	819781	809207	815457	0.68	cps
Cobalt	59-2	720486	722328	715855	719556	0.46	cps
Copper	63-2	1940376	1957550	1918364	1938764	1.01	cps
Dysprosium	156-1	54304	54151	53886	54114	0.39	cps
Dysprosium	156-2	42370	41795	41912	42026	0.72	cps
Erbium	164-1	69787	69261	69930	69659	0.51	cps
Erbium	164-2	49196	49497	49390	49361	0.31	cps
Gadolinium	160-1	60219	59435	59040	59565	1.01	cps
Gadolinium	160-2	44811	44427	45213	44817	0.88	cps
Holmium	165-1	17827412	16620038	16605131	17017527	4.12	cps
Holmium	165-2	11597662	11589274	11686686	11624541	0.46	cps
Indium	115-1	14162717	13394172	13132059	13562983	3.95	cps
Indium	115-2	5020070	4874714	5031730	4975505	1.76	cps
Iron	56-2	618578857	616555097	608096338	614410098	0.91	cps
Iron	57-2	15316504	15119216	15109111	15181610	0.77	cps
Iron	54-2	33708400	33447698	33223532	33459877	0.73	cps
Krypton	83-1	310	307	340	319	5.76	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-12	Instrumnet Name :	P7
Client Sample ID :	MYCZR0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:23:33	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	101022	101246	100639	100969	0.30	cps
Lead	207-1	87134	86332	86013	86493	0.67	cps
Lead	208-1	395126	396423	390917	394155	0.73	cps
Lithium	6-1	1913649	1805041	1848111	1855600	2.95	cps
Magnesium	24-2	21355543	21406361	21347189	21369697	0.15	cps
Manganese	55-2	8525118	8555732	8440258	8507036	0.70	cps
Molybdenum	94-1	2744	2710	2707	2720	0.75	cps
Molybdenum	95-1	1613	1647	1547	1602	3.18	cps
Molybdenum	96-1	8849	8676	8239	8588	3.66	cps
Molybdenum	97-1	1117	1187	933	1079	12.13	cps
Molybdenum	98-1	2407	2801	2360	2523	9.59	cps
Neodymium	150-1	61091	60877	60455	60808	0.53	cps
Neodymium	150-2	37523	36614	36871	37003	1.27	cps
Nickel	60-2	292768	292047	289849	291555	0.52	cps
Phosphorus	31-2	19589	19386	18842	19272	2.01	cps
Potassium	39-2	1844136	1887420	1837387	1856314	1.46	cps
Rhodium	103-1	13260756	12439370	12339012	12679713	3.99	cps
Rhodium	103-2	7472205	7477995	7495136	7481779	0.16	cps
Scandium	45-1	8701811	8189249	8075624	8322228	4.01	cps
Scandium	45-2	738839	728764	730372	732658	0.74	cps
Selenium	82-1	674	614	527	605	12.25	cps
Selenium	77-2	130	117	130	126	6.13	cps
Selenium	78-2	597	593	650	613	5.18	cps
Silicon	28-1	5159044	4708916	4659507	4842489	5.68	cps
Silver	107-1	1010	987	930	976	4.22	cps
Silver	109-1	977	947	897	940	4.30	cps
Sodium	23-2	185779	185024	183802	184868	0.54	cps
Strontium	86-1	195842	195601	194152	195198	0.47	cps
Strontium	88-1	1757070	1772290	1729558	1752973	1.24	cps
Sulfur	34-1	179703	179271	180208	179727	0.26	cps
Terbium	159-1	18252652	17039189	17091144	17460995	3.93	cps
Terbium	159-2	11624334	11553375	11571927	11583212	0.32	cps
Thallium	203-1	1113	1147	1073	1111	3.30	cps
Thallium	205-1	2470	2550	2514	2511	1.59	cps
Tin	118-1	4379	4061	3718	4053	8.16	cps
Titanium	47-1	517957	524123	520837	520972	0.59	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-12	Instrumnet Name :	P7
Client Sample ID :	MYCZR0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:23:33	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9157	8933	8733	8941	2.37	cps
Vanadium	51-2	1433861	1422911	1395353	1417375	1.40	cps
Yttrium	89-1	17970037	16920954	16731541	17207511	3.88	cps
Yttrium	89-2	4744811	4750941	4730906	4742219	0.22	cps
Zinc	66-2	216814	216225	215665	216235	0.27	cps
Zirconium	90-1	4114	3994	3977	4028	1.85	cps
Zirconium	91-1	947	1010	1017	991	3.90	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-13	Instrumnet Name :	P7
Client Sample ID :	MYCZR1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:26:38	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13000492	12870221	12910422	12927045	0.52	cps
Antimony	121-1	330	367	253	317	18.26	cps
Arsenic	75-2	21022	21653	21269	21314	1.49	cps
Barium	135-1	717810	714308	709170	713762	0.61	cps
Barium	137-1	1249086	1246952	1225724	1240588	1.04	cps
Beryllium	9-1	1327	1357	1223	1302	5.37	cps
Bismuth	209-1	9828904	9735791	9636018	9733571	0.99	cps
Bismuth	209-2	8024982	8061382	8002151	8029505	0.37	cps
Bromine	81-1	16920	18028	17874	17607	3.41	cps
Bromine	81-2	437	463	517	472	8.63	cps
Cadmium	108-1	160	193	123	159	22.04	cps
Cadmium	106-1	4681	4437	4184	4434	5.60	cps
Cadmium	111-1	4681	4501	4206	4463	5.38	cps
Calcium	43-1	481746	477379	471760	476962	1.05	cps
Calcium	44-1	7592077	7533006	7318891	7481325	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499507	497729	494789	497341	0.48	cps
Cobalt	59-2	476030	474691	473896	474872	0.23	cps
Copper	63-2	1133506	1127523	1129037	1130022	0.28	cps
Dysprosium	156-1	77321	76182	75923	76475	0.97	cps
Dysprosium	156-2	62572	62659	63081	62770	0.43	cps
Erbium	164-1	78549	77527	76873	77650	1.09	cps
Erbium	164-2	55252	54813	55389	55152	0.55	cps
Gadolinium	160-1	78243	76829	76494	77189	1.20	cps
Gadolinium	160-2	57581	57374	57972	57642	0.53	cps
Holmium	165-1	16744215	16572876	16243468	16520186	1.54	cps
Holmium	165-2	11669720	11522992	11642136	11611616	0.67	cps
Indium	115-1	13459083	13102456	12976018	13179186	1.90	cps
Indium	115-2	4955804	4891269	4891632	4912902	0.76	cps
Iron	56-2	437816887	432095594	434975914	434962798	0.66	cps
Iron	57-2	10875900	10775079	10653373	10768117	1.03	cps
Iron	54-2	23984740	23629608	23509729	23708025	1.04	cps
Krypton	83-1	347	287	350	328	10.87	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-13	Instrumnet Name :	P7
Client Sample ID :	MYCZR1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:26:38	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	186733	188153	183302	186063	1.34	cps
Lead	207-1	157323	155957	153432	155570	1.27	cps
Lead	208-1	721740	717034	707805	715526	0.99	cps
Lithium	6-1	1917485	1919745	1838372	1891867	2.45	cps
Magnesium	24-2	14209194	14091544	14066975	14122571	0.54	cps
Manganese	55-2	8150977	7905141	7910372	7988830	1.76	cps
Molybdenum	94-1	8356	8483	8496	8445	0.92	cps
Molybdenum	95-1	2390	2367	2380	2379	0.49	cps
Molybdenum	96-1	8509	8496	7989	8331	3.56	cps
Molybdenum	97-1	1440	1517	1430	1462	3.24	cps
Molybdenum	98-1	3641	3387	3560	3529	3.67	cps
Neodymium	150-1	114671	112212	111224	112702	1.58	cps
Neodymium	150-2	67782	68066	66824	67557	0.96	cps
Nickel	60-2	188758	191816	190406	190327	0.80	cps
Phosphorus	31-2	27264	27976	27822	27687	1.35	cps
Potassium	39-2	3607249	3611514	3599717	3606160	0.17	cps
Rhodium	103-1	12489636	12349399	12180967	12340001	1.25	cps
Rhodium	103-2	7449642	7316861	7456327	7407610	1.06	cps
Scandium	45-1	8004951	7824773	7724502	7851409	1.81	cps
Scandium	45-2	690095	688956	687071	688708	0.22	cps
Selenium	82-1	631	662	539	611	10.46	cps
Selenium	77-2	177	240	193	203	16.14	cps
Selenium	78-2	757	627	627	670	11.20	cps
Silicon	28-1	10178342	10586621	9451588	10072184	5.71	cps
Silver	107-1	1373	1187	1373	1311	8.22	cps
Silver	109-1	1153	1137	1107	1132	2.09	cps
Sodium	23-2	207206	205766	205546	206172	0.44	cps
Strontium	86-1	251222	249029	246116	248789	1.03	cps
Strontium	88-1	2257412	2243153	2210811	2237125	1.07	cps
Sulfur	34-1	191581	194322	192006	192636	0.77	cps
Terbium	159-1	17280548	16893817	16757346	16977237	1.60	cps
Terbium	159-2	11732151	11609312	11394372	11578611	1.48	cps
Thallium	203-1	1770	1840	1773	1795	2.20	cps
Thallium	205-1	4551	4437	4467	4485	1.31	cps
Tin	118-1	2054	2617	2067	2246	14.32	cps
Titanium	47-1	451225	441600	439379	444068	1.42	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-13	Instrumnet Name :	P7
Client Sample ID :	MYCZR1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:26:38	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18483	17845	17665	17998	2.39	cps
Vanadium	51-2	879680	877192	874927	877266	0.27	cps
Yttrium	89-1	17030324	16811405	16566500	16802743	1.38	cps
Yttrium	89-2	4744469	4679228	4640364	4688020	1.12	cps
Zinc	66-2	187771	187525	189080	188126	0.44	cps
Zirconium	90-1	19450	19126	18859	19145	1.55	cps
Zirconium	91-1	4417	4341	4341	4366	1.01	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-14	Instrumnet Name :	P7
Client Sample ID :	MYCZR2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:29:47	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10179182	10042499	10215420	10145700	0.90	cps
Antimony	121-1	183	183	197	188	4.10	cps
Arsenic	75-2	16392	16119	16065	16192	1.08	cps
Barium	135-1	1129665	1122297	1114245	1122069	0.69	cps
Barium	137-1	2107526	2056039	1986098	2049888	2.97	cps
Beryllium	9-1	2297	2220	2220	2246	1.97	cps
Bismuth	209-1	9937418	9686404	9687070	9770297	1.48	cps
Bismuth	209-2	8169959	8102798	8045482	8106080	0.77	cps
Bromine	81-1	18058	17958	17547	17854	1.52	cps
Bromine	81-2	697	650	703	683	4.25	cps
Cadmium	108-1	187	197	210	198	5.92	cps
Cadmium	106-1	4561	4611	4211	4461	4.89	cps
Cadmium	111-1	5675	5547	5274	5499	3.73	cps
Calcium	43-1	576531	562176	559574	566094	1.61	cps
Calcium	44-1	9066421	8773932	8770555	8870303	1.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	175191	176102	174378	175224	0.49	cps
Cobalt	59-2	297027	295548	296463	296346	0.25	cps
Copper	63-2	633921	629061	627060	630014	0.56	cps
Dysprosium	156-1	106352	104186	103659	104732	1.36	cps
Dysprosium	156-2	90371	87507	88687	88855	1.62	cps
Erbium	164-1	91034	91463	90990	91162	0.29	cps
Erbium	164-2	64247	65459	64809	64838	0.94	cps
Gadolinium	160-1	102078	100870	99879	100942	1.09	cps
Gadolinium	160-2	76209	74333	73062	74535	2.12	cps
Holmium	165-1	16727096	16374392	16175985	16425824	1.70	cps
Holmium	165-2	11632871	11640039	11490242	11587717	0.73	cps
Indium	115-1	13380256	13043827	12874196	13099426	1.97	cps
Indium	115-2	4937584	4855232	4811907	4868241	1.31	cps
Iron	56-2	299091882	297950916	296315896	297786231	0.47	cps
Iron	57-2	7302649	7321172	7255757	7293193	0.46	cps
Iron	54-2	16348179	16161181	15988300	16165886	1.11	cps
Krypton	83-1	290	337	393	340	15.22	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-14	Instrumnet Name :	P7
Client Sample ID :	MYCZR2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:29:47	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	356811	351167	350232	352737	1.01	cps
Lead	207-1	309259	303920	307370	306850	0.88	cps
Lead	208-1	1399184	1382464	1381678	1387776	0.71	cps
Lithium	6-1	1928456	1874243	1837880	1880193	2.42	cps
Magnesium	24-2	7882456	7824014	7886581	7864350	0.44	cps
Manganese	55-2	8504101	8462684	8402819	8456535	0.60	cps
Molybdenum	94-1	6785	6748	6652	6728	1.02	cps
Molybdenum	95-1	1473	1427	1333	1411	5.05	cps
Molybdenum	96-1	5908	5474	5554	5646	4.09	cps
Molybdenum	97-1	837	887	837	853	3.38	cps
Molybdenum	98-1	2124	2114	2107	2115	0.40	cps
Neodymium	150-1	175072	172322	170760	172718	1.26	cps
Neodymium	150-2	105471	104426	102432	104110	1.48	cps
Nickel	60-2	82183	82274	82535	82331	0.22	cps
Phosphorus	31-2	26924	26687	26804	26805	0.44	cps
Potassium	39-2	4244941	4259221	4224440	4242867	0.41	cps
Rhodium	103-1	12417228	12147684	12049519	12204811	1.56	cps
Rhodium	103-2	7346723	7388936	7303878	7346512	0.58	cps
Scandium	45-1	7553434	7453416	7402559	7469803	1.03	cps
Scandium	45-2	664849	666170	659576	663531	0.53	cps
Selenium	82-1	694	662	541	632	12.74	cps
Selenium	77-2	317	303	283	301	5.57	cps
Selenium	78-2	700	670	793	721	8.92	cps
Silicon	28-1	10266906	10137453	10088591	10164317	0.91	cps
Silver	107-1	2117	2150	1857	2041	7.87	cps
Silver	109-1	1863	1893	1943	1900	2.13	cps
Sodium	23-2	188873	186970	187048	187630	0.57	cps
Strontium	86-1	245164	241316	239300	241927	1.23	cps
Strontium	88-1	2214518	2162610	2143912	2173680	1.68	cps
Sulfur	34-1	180454	182053	183588	182032	0.86	cps
Terbium	159-1	17312150	16704432	16665151	16893911	2.15	cps
Terbium	159-2	11678261	11649326	11728959	11685515	0.34	cps
Thallium	203-1	3134	3237	3184	3185	1.62	cps
Thallium	205-1	7422	7345	7479	7415	0.90	cps
Tin	118-1	1884	1743	1727	1785	4.82	cps
Titanium	47-1	216899	214586	210879	214122	1.42	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-14	Instrumnet Name :	P7
Client Sample ID :	MYCZR2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:29:47	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30431	31003	30739	30724	0.93	cps
Vanadium	51-2	355407	353210	353957	354191	0.32	cps
Yttrium	89-1	17204853	16514708	16550100	16756554	2.32	cps
Yttrium	89-2	4710153	4712973	4594474	4672534	1.45	cps
Zinc	66-2	203622	201470	202882	202658	0.54	cps
Zirconium	90-1	15862	16116	15932	15970	0.82	cps
Zirconium	91-1	3627	3714	3657	3666	1.20	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-15	Instrumnet Name :	P7
Client Sample ID :	MYCZR3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:32:54	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12462268	12295392	12268606	12342089	0.85	cps
Antimony	121-1	217	187	283	229	21.62	cps
Arsenic	75-2	15742	15685	15622	15683	0.38	cps
Barium	135-1	1338067	1320752	1313032	1323950	0.97	cps
Barium	137-1	2430428	2410358	2392220	2411002	0.79	cps
Beryllium	9-1	2687	2717	2667	2690	0.94	cps
Bismuth	209-1	9757810	9607797	9588733	9651447	0.96	cps
Bismuth	209-2	7993868	7913242	7974659	7960590	0.53	cps
Bromine	81-1	18659	18395	18812	18622	1.13	cps
Bromine	81-2	893	903	820	872	5.22	cps
Cadmium	108-1	200	180	230	203	12.38	cps
Cadmium	106-1	4928	4414	4544	4629	5.77	cps
Cadmium	111-1	5013	4664	4667	4781	4.20	cps
Calcium	43-1	633134	640013	628797	633981	0.89	cps
Calcium	44-1	10036484	10050263	9754654	9947133	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	228129	227232	229189	228183	0.43	cps
Cobalt	59-2	318630	315505	313391	315842	0.83	cps
Copper	63-2	566226	560301	559191	561906	0.67	cps
Dysprosium	156-1	108414	108860	107833	108369	0.48	cps
Dysprosium	156-2	93203	90807	92710	92240	1.37	cps
Erbium	164-1	98584	98357	97161	98034	0.78	cps
Erbium	164-2	69501	68852	68909	69087	0.52	cps
Gadolinium	160-1	106863	104822	104459	105381	1.23	cps
Gadolinium	160-2	77720	78830	77596	78049	0.87	cps
Holmium	165-1	16549048	16227474	16140490	16305670	1.32	cps
Holmium	165-2	11622539	11379009	11390466	11464005	1.20	cps
Indium	115-1	13209397	12879435	12638595	12909142	2.22	cps
Indium	115-2	4857399	4810413	4781810	4816540	0.79	cps
Iron	56-2	340243008	339769595	338541935	339518179	0.26	cps
Iron	57-2	8520950	8414134	8355604	8430229	0.99	cps
Iron	54-2	18562993	18544251	18438673	18515306	0.36	cps
Krypton	83-1	383	377	310	357	11.37	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-15	Instrumnet Name :	P7
Client Sample ID :	MYCZR3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:32:54	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	255024	252662	249689	252459	1.06	cps
Lead	207-1	213182	213309	209690	212060	0.97	cps
Lead	208-1	988445	982829	971191	980822	0.90	cps
Lithium	6-1	1902999	1835265	1893324	1877196	1.95	cps
Magnesium	24-2	8817960	8675624	8710824	8734803	0.85	cps
Manganese	55-2	8862594	8940645	8869807	8891015	0.49	cps
Molybdenum	94-1	38076	38113	38110	38099	0.05	cps
Molybdenum	95-1	1870	1810	2134	1938	8.88	cps
Molybdenum	96-1	11301	11802	11595	11566	2.17	cps
Molybdenum	97-1	1110	1060	1053	1074	2.88	cps
Molybdenum	98-1	2697	2680	2404	2594	6.35	cps
Neodymium	150-1	180634	177145	177752	178510	1.04	cps
Neodymium	150-2	107187	108429	107785	107801	0.58	cps
Nickel	60-2	94525	94116	93315	93985	0.66	cps
Phosphorus	31-2	28807	28296	28436	28513	0.93	cps
Potassium	39-2	5114405	5064128	5080865	5086466	0.50	cps
Rhodium	103-1	12272833	12032045	11734465	12013114	2.24	cps
Rhodium	103-2	7225856	7217434	7085092	7176127	1.10	cps
Scandium	45-1	7672721	7475110	7384607	7510813	1.96	cps
Scandium	45-2	658022	656501	652018	655514	0.48	cps
Selenium	82-1	628	654	665	649	2.97	cps
Selenium	77-2	230	357	293	293	21.59	cps
Selenium	78-2	710	767	690	722	5.51	cps
Silicon	28-1	8440489	8353698	8196180	8330122	1.49	cps
Silver	107-1	1810	1933	1957	1900	4.15	cps
Silver	109-1	1843	1973	1780	1866	5.28	cps
Sodium	23-2	123896	123144	120594	122545	1.41	cps
Strontium	86-1	320178	315708	313279	316388	1.11	cps
Strontium	88-1	2934904	2849502	2807447	2863951	2.27	cps
Sulfur	34-1	183322	180195	180758	181425	0.92	cps
Terbium	159-1	17128511	16820117	16778845	16909158	1.13	cps
Terbium	159-2	11384570	11494847	11332389	11403935	0.73	cps
Thallium	203-1	3701	3661	3764	3708	1.41	cps
Thallium	205-1	8666	8710	8389	8588	2.02	cps
Tin	118-1	2074	2180	2184	2146	2.92	cps
Titanium	47-1	391581	389670	384343	388532	0.97	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-15	Instrumnet Name :	P7
Client Sample ID :	MYCZR3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:32:54	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40097	39809	39472	39793	0.79	cps
Vanadium	51-2	448645	448762	443641	447016	0.65	cps
Yttrium	89-1	17313914	16655590	16510845	16826783	2.54	cps
Yttrium	89-2	4676131	4698155	4577634	4650640	1.38	cps
Zinc	66-2	200605	199605	197694	199301	0.74	cps
Zirconium	90-1	99685	99947	99068	99567	0.45	cps
Zirconium	91-1	22945	22497	22758	22733	0.99	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-16	Instrumnet Name :	P7
Client Sample ID :	MYCZR4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:36:03	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13484203	13387229	13367469	13412967	0.47	cps
Antimony	121-1	377	343	350	357	4.94	cps
Arsenic	75-2	23038	22240	22657	22645	1.76	cps
Barium	135-1	1387506	1405075	1397063	1396548	0.63	cps
Barium	137-1	2519434	2533530	2541176	2531380	0.44	cps
Beryllium	9-1	2657	2814	2677	2716	3.14	cps
Bismuth	209-1	10454637	9897001	9695312	10015650	3.93	cps
Bismuth	209-2	8006647	8026751	8102819	8045406	0.63	cps
Bromine	81-1	17404	17207	17484	17365	0.82	cps
Bromine	81-2	857	853	763	824	6.42	cps
Cadmium	108-1	293	300	270	288	5.47	cps
Cadmium	106-1	4974	4664	4487	4709	5.23	cps
Cadmium	111-1	5970	5845	5462	5759	4.59	cps
Calcium	43-1	709506	709035	706265	708269	0.25	cps
Calcium	44-1	11321352	11247477	11030106	11199645	1.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	221459	218815	219727	220000	0.61	cps
Cobalt	59-2	368731	368175	370801	369235	0.37	cps
Copper	63-2	836297	823263	827715	829092	0.80	cps
Dysprosium	156-1	122280	123326	122932	122846	0.43	cps
Dysprosium	156-2	106500	106221	105694	106138	0.39	cps
Erbium	164-1	111151	110983	110566	110900	0.27	cps
Erbium	164-2	79095	79873	80165	79711	0.69	cps
Gadolinium	160-1	119259	121259	119400	119973	0.93	cps
Gadolinium	160-2	90949	91348	90147	90815	0.67	cps
Holmium	165-1	17510700	16560486	16218571	16763252	3.99	cps
Holmium	165-2	11595413	11592420	11523107	11570313	0.35	cps
Indium	115-1	13996772	13092824	12761693	13283763	4.81	cps
Indium	115-2	4796508	4806126	4818161	4806932	0.23	cps
Iron	56-2	393362821	394426047	392404087	393397652	0.26	cps
Iron	57-2	9692437	9693434	9725650	9703841	0.19	cps
Iron	54-2	21599524	21352541	21572353	21508139	0.63	cps
Krypton	83-1	393	400	423	406	3.88	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-16	Instrumnet Name :	P7
Client Sample ID :	MYCZR4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:36:03	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	420109	423764	422800	422224	0.45	cps
Lead	207-1	359190	362769	363203	361720	0.61	cps
Lead	208-1	1637772	1646598	1655263	1646544	0.53	cps
Lithium	6-1	2036399	1907253	1895382	1946345	4.02	cps
Magnesium	24-2	10297252	10298969	10325295	10307172	0.15	cps
Manganese	55-2	10424301	10310514	10452005	10395607	0.72	cps
Molybdenum	94-1	45387	45564	46283	45744	1.04	cps
Molybdenum	95-1	2210	2210	2120	2180	2.38	cps
Molybdenum	96-1	13296	13243	13630	13390	1.57	cps
Molybdenum	97-1	1403	1343	1260	1336	5.39	cps
Molybdenum	98-1	3170	3137	3227	3178	1.43	cps
Neodymium	150-1	203517	201898	200819	202078	0.67	cps
Neodymium	150-2	122597	123371	123108	123026	0.32	cps
Nickel	60-2	93955	94878	95894	94909	1.02	cps
Phosphorus	31-2	36594	35915	35849	36119	1.14	cps
Potassium	39-2	5563517	5536051	5538696	5546088	0.27	cps
Rhodium	103-1	12994178	12192634	11919862	12368891	4.51	cps
Rhodium	103-2	7204819	7149219	7219855	7191298	0.52	cps
Scandium	45-1	8227311	7623826	7424617	7758585	5.39	cps
Scandium	45-2	665975	656872	661513	661453	0.69	cps
Selenium	82-1	699	690	615	668	6.93	cps
Selenium	77-2	337	347	360	348	3.37	cps
Selenium	78-2	693	690	733	706	3.42	cps
Silicon	28-1	10441342	10424477	10442489	10436103	0.10	cps
Silver	107-1	3204	3210	3424	3279	3.82	cps
Silver	109-1	2984	3064	3087	3045	1.78	cps
Sodium	23-2	146837	142347	143860	144348	1.58	cps
Strontium	86-1	342401	347106	346071	345193	0.72	cps
Strontium	88-1	3097537	3106025	3140582	3114715	0.73	cps
Sulfur	34-1	176419	175222	175886	175842	0.34	cps
Terbium	159-1	18006786	16958053	16447619	17137486	4.64	cps
Terbium	159-2	11482680	11480521	11456167	11473122	0.13	cps
Thallium	203-1	4067	4154	4281	4167	2.58	cps
Thallium	205-1	9854	9847	9750	9817	0.59	cps
Tin	118-1	2204	2124	2250	2192	2.92	cps
Titanium	47-1	635352	630793	628513	631553	0.55	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-16	Instrumnet Name :	P7
Client Sample ID :	MYCZR4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:36:03	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36841	37660	38753	37751	2.54	cps
Vanadium	51-2	535162	527736	529569	530822	0.73	cps
Yttrium	89-1	18099132	16993449	16579655	17224079	4.56	cps
Yttrium	89-2	4719135	4755326	4773943	4749468	0.59	cps
Zinc	66-2	218691	217007	218925	218208	0.48	cps
Zirconium	90-1	119790	120482	120052	120108	0.29	cps
Zirconium	91-1	26748	27322	26915	26995	1.09	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-17	Instrumnet Name :	P7
Client Sample ID :	MYCZR5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:39:10	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12693337	12633419	12589595	12638784	0.41	cps
Antimony	121-1	220	220	213	218	1.77	cps
Arsenic	75-2	20167	20144	19830	20047	0.94	cps
Barium	135-1	1405844	1387589	1378200	1390544	1.01	cps
Barium	137-1	2581877	2531208	2541526	2551537	1.05	cps
Beryllium	9-1	2547	2527	2474	2516	1.51	cps
Bismuth	209-1	9877396	9810381	9684261	9790679	1.00	cps
Bismuth	209-2	7968269	8006335	7948061	7974222	0.37	cps
Bromine	81-1	16022	16413	16800	16411	2.37	cps
Bromine	81-2	550	593	587	577	4.05	cps
Cadmium	108-1	270	233	257	253	7.32	cps
Cadmium	106-1	4457	4281	4197	4312	3.08	cps
Cadmium	111-1	5968	5763	5755	5829	2.07	cps
Calcium	43-1	792816	787481	775333	785210	1.14	cps
Calcium	44-1	12407395	12486295	12235830	12376507	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	223776	223639	221953	223123	0.46	cps
Cobalt	59-2	358083	355357	356433	356624	0.38	cps
Copper	63-2	679508	678550	680791	679616	0.17	cps
Dysprosium	156-1	124977	123077	121876	123310	1.27	cps
Dysprosium	156-2	107091	107712	107739	107514	0.34	cps
Erbium	164-1	110415	109941	109605	109987	0.37	cps
Erbium	164-2	78938	78505	78482	78642	0.33	cps
Gadolinium	160-1	121397	119541	118869	119936	1.09	cps
Gadolinium	160-2	90318	89728	89369	89805	0.53	cps
Holmium	165-1	16475064	16172210	16052876	16233383	1.34	cps
Holmium	165-2	11729445	11599664	11541007	11623372	0.83	cps
Indium	115-1	13034442	12812674	12807099	12884738	1.01	cps
Indium	115-2	4902044	4807758	4822446	4844082	1.05	cps
Iron	56-2	356661941	352715928	350199115	353192328	0.92	cps
Iron	57-2	8789418	8826818	8686189	8767475	0.83	cps
Iron	54-2	19575601	19212452	18982888	19256980	1.55	cps
Krypton	83-1	410	440	353	401	10.97	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-17	Instrumnet Name :	P7
Client Sample ID :	MYCZR5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:39:10	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	475072	473736	470178	472996	0.53	cps
Lead	207-1	412916	409212	408557	410229	0.57	cps
Lead	208-1	1864708	1861774	1852793	1859758	0.33	cps
Lithium	6-1	1889660	1872432	1866122	1876071	0.65	cps
Magnesium	24-2	10189010	10183154	10160498	10177554	0.15	cps
Manganese	55-2	10212653	10063687	9948662	10075001	1.31	cps
Molybdenum	94-1	8809	8669	9393	8957	4.29	cps
Molybdenum	95-1	1723	1793	1773	1763	2.04	cps
Molybdenum	96-1	6702	6572	6425	6566	2.11	cps
Molybdenum	97-1	1060	1003	1040	1034	2.78	cps
Molybdenum	98-1	2337	2344	2197	2292	3.61	cps
Neodymium	150-1	210262	209578	206436	208758	0.98	cps
Neodymium	150-2	127202	125681	126199	126361	0.61	cps
Nickel	60-2	97471	97008	97048	97175	0.26	cps
Phosphorus	31-2	35347	34759	34759	34955	0.97	cps
Potassium	39-2	6565197	6589411	6508037	6554215	0.64	cps
Rhodium	103-1	11998218	11826664	11868368	11897750	0.75	cps
Rhodium	103-2	7313247	7145973	7120252	7193157	1.46	cps
Scandium	45-1	7468285	7449240	7356846	7424790	0.80	cps
Scandium	45-2	660450	657817	652249	656839	0.64	cps
Selenium	82-1	723	560	673	652	12.82	cps
Selenium	77-2	323	353	327	334	4.92	cps
Selenium	78-2	843	650	760	751	12.91	cps
Silicon	28-1	11755944	11717601	11559164	11677570	0.89	cps
Silver	107-1	1840	1907	1923	1890	2.33	cps
Silver	109-1	1867	1847	1820	1845	1.27	cps
Sodium	23-2	124834	122543	123436	123604	0.93	cps
Strontium	86-1	351334	346058	346256	347883	0.86	cps
Strontium	88-1	3178292	3140884	3196510	3171895	0.89	cps
Sulfur	34-1	179204	180027	179578	179603	0.23	cps
Terbium	159-1	16934638	16586907	16756726	16759424	1.04	cps
Terbium	159-2	11543780	11497138	11320503	11453807	1.03	cps
Thallium	203-1	3721	3594	3684	3666	1.78	cps
Thallium	205-1	8980	8703	8673	8785	1.93	cps
Tin	118-1	2557	2247	2604	2469	7.86	cps
Titanium	47-1	248525	243117	241024	244222	1.58	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-17	Instrumnet Name :	P7
Client Sample ID :	MYCZR5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:39:10	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36309	36941	34892	36048	2.91	cps
Vanadium	51-2	446982	444903	443019	444968	0.45	cps
Yttrium	89-1	16879090	16765824	16871559	16838824	0.38	cps
Yttrium	89-2	4765971	4703632	4666676	4712093	1.07	cps
Zinc	66-2	248075	248227	245502	247268	0.62	cps
Zirconium	90-1	21586	20845	21219	21217	1.75	cps
Zirconium	91-1	4858	4918	4691	4822	2.44	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-18	Instrumnet Name :	P7
Client Sample ID :	MYCZR6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:42:19	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11837977	11766837	11690236	11765017	0.63	cps
Antimony	121-1	273	253	257	261	4.10	cps
Arsenic	75-2	17477	17871	17350	17566	1.55	cps
Barium	135-1	1376979	1370448	1366294	1371240	0.39	cps
Barium	137-1	2515141	2504621	2483653	2501138	0.64	cps
Beryllium	9-1	2317	2434	2507	2419	3.96	cps
Bismuth	209-1	9981456	9854024	9789486	9874989	0.99	cps
Bismuth	209-2	8041153	8161405	8166566	8123041	0.87	cps
Bromine	81-1	16496	16406	16833	16578	1.36	cps
Bromine	81-2	573	473	583	543	11.20	cps
Cadmium	108-1	200	120	183	168	25.16	cps
Cadmium	106-1	4401	4034	4111	4182	4.63	cps
Cadmium	111-1	4981	4813	4753	4849	2.44	cps
Calcium	43-1	665101	663249	652811	660387	1.00	cps
Calcium	44-1	10611372	10239010	10312439	10387607	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194983	195638	194889	195170	0.21	cps
Cobalt	59-2	342094	340286	337631	340004	0.66	cps
Copper	63-2	564790	562267	563522	563527	0.22	cps
Dysprosium	156-1	110037	107406	107276	108240	1.44	cps
Dysprosium	156-2	92378	93901	93347	93209	0.83	cps
Erbium	164-1	98050	96000	96745	96932	1.07	cps
Erbium	164-2	69823	70041	69974	69946	0.16	cps
Gadolinium	160-1	106618	106403	106259	106427	0.17	cps
Gadolinium	160-2	79497	78257	78673	78809	0.80	cps
Holmium	165-1	16597010	16263160	16266439	16375536	1.17	cps
Holmium	165-2	11689260	11739624	11705978	11711621	0.22	cps
Indium	115-1	13184597	12984927	13007393	13058972	0.84	cps
Indium	115-2	4856285	4840212	4909965	4868821	0.75	cps
Iron	56-2	342722248	342059915	338888175	341223446	0.60	cps
Iron	57-2	8505080	8335900	8438944	8426641	1.01	cps
Iron	54-2	18610914	18566858	18566477	18581416	0.14	cps
Krypton	83-1	333	297	363	331	10.08	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-18	Instrumnet Name :	P7
Client Sample ID :	MYCZR6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:42:19	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	340440	341971	334938	339117	1.09	cps
Lead	207-1	289554	287284	284748	287196	0.84	cps
Lead	208-1	1325013	1316134	1305881	1315676	0.73	cps
Lithium	6-1	1887314	1892714	1866261	1882096	0.74	cps
Magnesium	24-2	9486633	9438108	9356061	9426934	0.70	cps
Manganese	55-2	10570574	10607115	10474292	10550660	0.65	cps
Molybdenum	94-1	15548	15125	15632	15435	1.76	cps
Molybdenum	95-1	2387	2334	2360	2360	1.13	cps
Molybdenum	96-1	8332	8169	7765	8089	3.61	cps
Molybdenum	97-1	1523	1520	1443	1496	3.03	cps
Molybdenum	98-1	3357	3337	3404	3366	1.02	cps
Neodymium	150-1	181779	179389	177840	179669	1.10	cps
Neodymium	150-2	108998	108819	108594	108803	0.19	cps
Nickel	60-2	86165	84804	85810	85593	0.82	cps
Phosphorus	31-2	31132	31843	30841	31272	1.65	cps
Potassium	39-2	4530160	4530322	4485741	4515408	0.57	cps
Rhodium	103-1	12220127	12159352	12076960	12152146	0.59	cps
Rhodium	103-2	7324125	7280017	7373970	7326037	0.64	cps
Scandium	45-1	7562080	7396757	7379758	7446199	1.35	cps
Scandium	45-2	662881	660011	661896	661596	0.22	cps
Selenium	82-1	704	755	665	708	6.39	cps
Selenium	77-2	253	270	317	280	11.72	cps
Selenium	78-2	700	803	730	744	7.14	cps
Silicon	28-1	10396760	10199913	10265893	10287522	0.97	cps
Silver	107-1	1663	1720	1583	1656	4.15	cps
Silver	109-1	1527	1660	1473	1553	6.19	cps
Sodium	23-2	124276	126256	125096	125209	0.79	cps
Strontium	86-1	310399	309514	307359	309091	0.51	cps
Strontium	88-1	2854132	2806625	2742863	2801207	1.99	cps
Sulfur	34-1	171972	173034	174571	173192	0.75	cps
Terbium	159-1	17174983	16914754	16739996	16943244	1.29	cps
Terbium	159-2	11671294	11414989	11756429	11614238	1.53	cps
Thallium	203-1	3304	3254	3450	3336	3.06	cps
Thallium	205-1	7986	7772	8079	7946	1.98	cps
Tin	118-1	1910	1847	2000	1919	4.02	cps
Titanium	47-1	313533	310118	309698	311116	0.68	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-18	Instrumnet Name :	P7
Client Sample ID :	MYCZR6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:42:19	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32947	32209	32667	32608	1.14	cps
Vanadium	51-2	447479	446265	446511	446752	0.14	cps
Yttrium	89-1	17058461	16724744	16730873	16838026	1.13	cps
Yttrium	89-2	4707708	4715582	4722119	4715136	0.15	cps
Zinc	66-2	200135	200764	199872	200257	0.23	cps
Zirconium	90-1	37682	37805	36786	37424	1.49	cps
Zirconium	91-1	8036	8196	8339	8190	1.85	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-19	Instrumnet Name :	P7
Client Sample ID :	MYCZR7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:45:27	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13217154	13389830	13037601	13214862	1.33	cps
Antimony	121-1	237	250	303	263	13.40	cps
Arsenic	75-2	18568	18412	18799	18593	1.05	cps
Barium	135-1	1415475	1413288	1409754	1412839	0.20	cps
Barium	137-1	2592342	2566289	2571061	2576564	0.54	cps
Beryllium	9-1	2544	2664	2660	2622	2.61	cps
Bismuth	209-1	10661072	10075734	9925576	10220794	3.80	cps
Bismuth	209-2	8147461	8081820	8115265	8114848	0.40	cps
Bromine	81-1	17083	17537	16916	17179	1.87	cps
Bromine	81-2	643	673	773	697	9.77	cps
Cadmium	108-1	210	230	217	219	4.65	cps
Cadmium	106-1	5001	4437	4084	4507	10.26	cps
Cadmium	111-1	5587	4915	4941	5148	7.40	cps
Calcium	43-1	729510	723579	718836	723975	0.74	cps
Calcium	44-1	11393782	11384785	11406939	11395168	0.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	212448	211185	211803	211812	0.30	cps
Cobalt	59-2	364538	365737	363678	364651	0.28	cps
Copper	63-2	628264	626269	624278	626270	0.32	cps
Dysprosium	156-1	123863	123201	122081	123049	0.73	cps
Dysprosium	156-2	105055	106026	105697	105593	0.47	cps
Erbium	164-1	112727	113100	111346	112391	0.82	cps
Erbium	164-2	79451	78244	80544	79413	1.45	cps
Gadolinium	160-1	119622	120631	119971	120075	0.43	cps
Gadolinium	160-2	90754	89882	88950	89862	1.00	cps
Holmium	165-1	17672202	16600613	16431295	16901370	3.98	cps
Holmium	165-2	11747536	11759965	11641545	11716349	0.56	cps
Indium	115-1	14090547	13344447	12965678	13466891	4.25	cps
Indium	115-2	4913153	4911805	4864458	4896472	0.57	cps
Iron	56-2	386703728	385253288	379278674	383745230	1.03	cps
Iron	57-2	9485198	9590896	9434197	9503430	0.84	cps
Iron	54-2	21088047	20819355	20721141	20876181	0.91	cps
Krypton	83-1	383	373	323	360	8.93	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-19	Instrumnet Name :	P7
Client Sample ID :	MYCZR7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:45:27	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	353537	353401	354524	353821	0.17	cps
Lead	207-1	301151	302848	298367	300789	0.75	cps
Lead	208-1	1380994	1386358	1373275	1380209	0.48	cps
Lithium	6-1	2048131	1930609	1902260	1960333	3.95	cps
Magnesium	24-2	10374198	10378987	10338425	10363870	0.21	cps
Manganese	55-2	10629433	10737029	10620503	10662322	0.61	cps
Molybdenum	94-1	21279	21940	21412	21544	1.62	cps
Molybdenum	95-1	1697	1537	1657	1630	5.11	cps
Molybdenum	96-1	9156	9210	9263	9210	0.58	cps
Molybdenum	97-1	1003	987	870	953	7.62	cps
Molybdenum	98-1	2254	2300	2150	2235	3.44	cps
Neodymium	150-1	200943	199774	198995	199904	0.49	cps
Neodymium	150-2	121848	123435	121246	122176	0.93	cps
Nickel	60-2	92456	94240	93415	93370	0.96	cps
Phosphorus	31-2	35541	35775	35304	35540	0.66	cps
Potassium	39-2	4941616	4977680	4928578	4949291	0.51	cps
Rhodium	103-1	12948491	12414701	12026659	12463283	3.71	cps
Rhodium	103-2	7364899	7365847	7354864	7361870	0.08	cps
Scandium	45-1	8059536	7659674	7594256	7771155	3.24	cps
Scandium	45-2	661666	666343	661106	663038	0.43	cps
Selenium	82-1	782	724	771	759	4.04	cps
Selenium	77-2	333	397	310	347	12.94	cps
Selenium	78-2	693	850	760	768	10.24	cps
Silicon	28-1	10839169	10817238	10726687	10794365	0.55	cps
Silver	107-1	1803	1690	1723	1739	3.35	cps
Silver	109-1	1737	1693	1660	1697	2.27	cps
Sodium	23-2	140598	139599	140194	140130	0.36	cps
Strontium	86-1	345146	347701	342700	345182	0.72	cps
Strontium	88-1	3100943	3130299	3147174	3126139	0.75	cps
Sulfur	34-1	173873	176078	173482	174478	0.80	cps
Terbium	159-1	18208958	17324993	17103518	17545823	3.33	cps
Terbium	159-2	11589446	11656667	11745520	11663878	0.67	cps
Thallium	203-1	3591	3571	3767	3643	2.97	cps
Thallium	205-1	8936	9233	8763	8977	2.65	cps
Tin	118-1	2080	2010	2003	2031	2.09	cps
Titanium	47-1	248563	250121	249481	249388	0.31	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5188-19	Instrumnet Name :	P7
Client Sample ID :	MYCZR7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:45:27	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35788	36096	36199	36028	0.59	cps
Vanadium	51-2	490931	488879	487310	489040	0.37	cps
Yttrium	89-1	18371620	17463664	17074747	17636677	3.77	cps
Yttrium	89-2	4803384	4845264	4833413	4827354	0.45	cps
Zinc	66-2	220676	219519	217112	219102	0.83	cps
Zirconium	90-1	55953	56200	55330	55828	0.80	cps
Zirconium	91-1	12766	12612	12582	12653	0.78	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-01	Instrumnet Name :	P7
Client Sample ID :	MYCZH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:48:37	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8891124	8854982	8868395	8871500	0.21	cps
Antimony	121-1	1340	1317	1210	1289	5.38	cps
Arsenic	75-2	75095	74425	74435	74652	0.51	cps
Barium	135-1	1185060	1176532	1162192	1174595	0.98	cps
Barium	137-1	2197220	2167363	2108041	2157542	2.10	cps
Beryllium	9-1	2594	2614	2617	2608	0.48	cps
Bismuth	209-1	10340713	10089449	9920602	10116921	2.09	cps
Bismuth	209-2	8238180	8101674	8142112	8160656	0.86	cps
Bromine	81-1	17714	17517	17574	17602	0.58	cps
Bromine	81-2	767	770	847	794	5.70	cps
Cadmium	108-1	643	603	647	631	3.82	cps
Cadmium	106-1	5534	5168	5134	5279	4.21	cps
Cadmium	111-1	10272	9553	9813	9879	3.68	cps
Calcium	43-1	478222	469535	462698	470152	1.65	cps
Calcium	44-1	7470154	7321890	7221431	7337825	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	235727	233334	232399	233820	0.73	cps
Cobalt	59-2	268678	266056	267762	267499	0.50	cps
Copper	63-2	707861	706278	701564	705234	0.46	cps
Dysprosium	156-1	121977	119863	119265	120368	1.18	cps
Dysprosium	156-2	102168	104240	103783	103397	1.05	cps
Erbium	164-1	100659	100219	99548	100142	0.56	cps
Erbium	164-2	70795	71800	71063	71219	0.73	cps
Gadolinium	160-1	117090	114315	114533	115313	1.34	cps
Gadolinium	160-2	85790	84727	85214	85244	0.62	cps
Holmium	165-1	16797324	16515897	16384572	16565931	1.27	cps
Holmium	165-2	11732037	11639314	11488336	11619896	1.06	cps
Indium	115-1	13376566	13065376	13125971	13189305	1.25	cps
Indium	115-2	4912904	4916605	4965945	4931818	0.60	cps
Iron	56-2	291733782	291136589	288413896	290428089	0.61	cps
Iron	57-2	7300272	7236835	7157206	7231438	0.99	cps
Iron	54-2	15828503	15871038	15765430	15821657	0.34	cps
Krypton	83-1	457	397	420	424	7.13	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-01	Instrumnet Name :	P7
Client Sample ID :	MYCZH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:48:37	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1520073	1506651	1488884	1505203	1.04	cps
Lead	207-1	1382604	1367630	1356793	1369009	0.95	cps
Lead	208-1	6463165	6419207	6280183	6387518	1.50	cps
Lithium	6-1	1966137	1886521	1890014	1914224	2.35	cps
Magnesium	24-2	5773282	5652210	5653901	5693131	1.22	cps
Manganese	55-2	7619079	7586160	7549696	7584978	0.46	cps
Molybdenum	94-1	101830	100485	98327	100214	1.76	cps
Molybdenum	95-1	2780	2657	2560	2666	4.14	cps
Molybdenum	96-1	22467	22210	22137	22272	0.78	cps
Molybdenum	97-1	1790	1750	1677	1739	3.31	cps
Molybdenum	98-1	4321	4274	4067	4221	3.20	cps
Neodymium	150-1	216177	216142	214775	215698	0.37	cps
Neodymium	150-2	129088	129206	129454	129249	0.14	cps
Nickel	60-2	91359	90732	90662	90918	0.42	cps
Phosphorus	31-2	35815	35367	36370	35851	1.40	cps
Potassium	39-2	3830030	3822215	3853245	3835163	0.42	cps
Rhodium	103-1	12431123	12225321	12084663	12247036	1.42	cps
Rhodium	103-2	7364180	7303124	7312581	7326628	0.45	cps
Scandium	45-1	7693391	7540359	7405642	7546464	1.91	cps
Scandium	45-2	667924	657324	658544	661264	0.88	cps
Selenium	82-1	803	811	737	783	5.18	cps
Selenium	77-2	423	307	377	369	15.92	cps
Selenium	78-2	807	740	843	797	6.58	cps
Silicon	28-1	12411999	12235563	11842776	12163446	2.40	cps
Silver	107-1	7779	7355	7836	7657	3.43	cps
Silver	109-1	7239	7325	7158	7241	1.15	cps
Sodium	23-2	290751	288881	286533	288722	0.73	cps
Strontium	86-1	273606	268657	266830	269698	1.30	cps
Strontium	88-1	2481509	2391360	2434254	2435708	1.85	cps
Sulfur	34-1	240885	238565	237819	239090	0.67	cps
Terbium	159-1	17269338	17058623	16899413	17075791	1.09	cps
Terbium	159-2	11543480	11548156	11553319	11548318	0.04	cps
Thallium	203-1	7385	7432	7392	7403	0.34	cps
Thallium	205-1	17805	18112	17371	17763	2.10	cps
Tin	118-1	3127	3120	3050	3099	1.37	cps
Titanium	47-1	249817	245945	243814	246525	1.23	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-01	Instrumnet Name :	P7
Client Sample ID :	MYCZH9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:48:37	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	45364	44297	44033	44564	1.58	cps
Vanadium	51-2	450670	444976	442899	446182	0.90	cps
Yttrium	89-1	17008871	16848867	16635147	16830962	1.11	cps
Yttrium	89-2	4707056	4650374	4698008	4685146	0.65	cps
Zinc	66-2	523697	524653	520707	523019	0.39	cps
Zirconium	90-1	266321	263538	258634	262831	1.48	cps
Zirconium	91-1	60082	59169	58623	59291	1.24	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-02	Instrumnet Name :	P7
Client Sample ID :	MYCZJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:51:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9360713	9364417	9229844	9318325	0.82	cps
Antimony	121-1	830	950	750	843	11.94	cps
Arsenic	75-2	27933	27980	27966	27960	0.09	cps
Barium	135-1	1071517	1053854	1045346	1056906	1.26	cps
Barium	137-1	1987726	1925909	1893410	1935682	2.48	cps
Beryllium	9-1	2354	2417	2490	2420	2.83	cps
Bismuth	209-1	10100376	9923162	9997606	10007048	0.89	cps
Bismuth	209-2	8212478	8194871	8207420	8204923	0.11	cps
Bromine	81-1	18168	18872	18979	18673	2.36	cps
Bromine	81-2	857	923	890	890	3.75	cps
Cadmium	108-1	323	353	377	351	7.62	cps
Cadmium	106-1	4654	4767	4651	4691	1.42	cps
Cadmium	111-1	4852	4693	4805	4783	1.70	cps
Calcium	43-1	379947	373245	370265	374486	1.32	cps
Calcium	44-1	5982963	5930376	5906548	5939963	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261070	258682	259056	259603	0.49	cps
Cobalt	59-2	261765	259670	260192	260542	0.42	cps
Copper	63-2	382271	382121	382599	382330	0.06	cps
Dysprosium	156-1	96861	96867	97005	96911	0.08	cps
Dysprosium	156-2	83667	83637	82634	83313	0.71	cps
Erbium	164-1	85040	82568	83544	83717	1.49	cps
Erbium	164-2	59415	60065	60366	59949	0.81	cps
Gadolinium	160-1	94043	92476	93439	93319	0.85	cps
Gadolinium	160-2	68640	68791	68593	68675	0.15	cps
Holmium	165-1	16806264	16450035	16458670	16571656	1.23	cps
Holmium	165-2	11657825	11673132	11524194	11618384	0.71	cps
Indium	115-1	13294247	13109892	12932973	13112371	1.38	cps
Indium	115-2	4913547	4872708	4824920	4870392	0.91	cps
Iron	56-2	299222549	300537796	294344216	298034853	1.09	cps
Iron	57-2	7475969	7328348	7331477	7378598	1.14	cps
Iron	54-2	16275597	16264629	16062768	16200998	0.74	cps
Krypton	83-1	347	297	323	322	7.76	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-02	Instrumnet Name :	P7
Client Sample ID :	MYCZJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:51:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	384291	383799	377346	381812	1.02	cps
Lead	207-1	335688	333141	331510	333446	0.63	cps
Lead	208-1	1519418	1503747	1496519	1506561	0.78	cps
Lithium	6-1	1937477	1899742	1912738	1916652	1.00	cps
Magnesium	24-2	5747465	5734907	5660824	5714399	0.82	cps
Manganese	55-2	7928449	7960053	7842939	7910480	0.77	cps
Molybdenum	94-1	86352	86098	85393	85948	0.58	cps
Molybdenum	95-1	2537	2364	2477	2459	3.58	cps
Molybdenum	96-1	20444	19717	19553	19905	2.38	cps
Molybdenum	97-1	1437	1477	1373	1429	3.65	cps
Molybdenum	98-1	3400	3547	3534	3494	2.32	cps
Neodymium	150-1	169341	167960	168575	168625	0.41	cps
Neodymium	150-2	102264	102341	102522	102376	0.13	cps
Nickel	60-2	77070	77046	76564	76893	0.37	cps
Phosphorus	31-2	32444	32067	32565	32359	0.80	cps
Potassium	39-2	4788317	4748258	4675739	4737438	1.20	cps
Rhodium	103-1	12360014	12193266	11999481	12184254	1.48	cps
Rhodium	103-2	7387743	7304598	7224206	7305516	1.12	cps
Scandium	45-1	7563762	7471354	7273672	7436263	1.99	cps
Scandium	45-2	657008	652093	647668	652256	0.72	cps
Selenium	82-1	713	719	741	724	2.04	cps
Selenium	77-2	267	237	237	247	7.02	cps
Selenium	78-2	577	717	803	699	16.37	cps
Silicon	28-1	12665133	12640709	12282959	12529600	1.71	cps
Silver	107-1	2067	2000	2054	2040	1.73	cps
Silver	109-1	1823	1753	1717	1765	3.07	cps
Sodium	23-2	92220	90038	89552	90603	1.57	cps
Strontium	86-1	228689	224876	223774	225780	1.14	cps
Strontium	88-1	2078556	2023544	2010937	2037679	1.76	cps
Sulfur	34-1	187825	188848	187407	188026	0.39	cps
Terbium	159-1	17327303	16852526	16795069	16991633	1.72	cps
Terbium	159-2	11626869	11517962	11495392	11546741	0.61	cps
Thallium	203-1	3574	3674	3691	3646	1.73	cps
Thallium	205-1	8773	8376	8713	8621	2.48	cps
Tin	118-1	2667	2800	2567	2678	4.37	cps
Titanium	47-1	572793	565758	561542	566698	1.00	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-02	Instrumnet Name :	P7
Client Sample ID :	MYCZJ0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:51:42	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36884	36229	36463	36526	0.91	cps
Vanadium	51-2	455053	455056	452063	454057	0.38	cps
Yttrium	89-1	16757282	16579101	16274172	16536852	1.48	cps
Yttrium	89-2	4604141	4646184	4622122	4624149	0.46	cps
Zinc	66-2	195080	192892	193432	193801	0.59	cps
Zirconium	90-1	232191	227586	226838	228872	1.27	cps
Zirconium	91-1	51560	50858	50634	51017	0.95	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-03	Instrumnet Name :	P7
Client Sample ID :	MYCZJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:54:53	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21037113	20922790	20879662	20946522	0.39	cps
Antimony	121-1	877	927	937	913	3.52	cps
Arsenic	75-2	74931	73933	73718	74194	0.87	cps
Barium	135-1	775646	769444	764688	769926	0.71	cps
Barium	137-1	1347737	1329993	1324119	1333950	0.92	cps
Beryllium	9-1	1363	1230	1213	1269	6.48	cps
Bismuth	209-1	9980394	9646445	9593312	9740051	2.15	cps
Bismuth	209-2	8044483	7996844	7852763	7964697	1.25	cps
Bromine	81-1	16322	16850	17043	16738	2.23	cps
Bromine	81-2	527	460	540	509	8.42	cps
Cadmium	108-1	263	313	290	289	8.66	cps
Cadmium	106-1	4674	4587	4314	4525	4.15	cps
Cadmium	111-1	6268	5942	5834	6015	3.76	cps
Calcium	43-1	712661	713283	704777	710240	0.67	cps
Calcium	44-1	11223757	11160256	11008587	11130867	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	864898	863721	857153	861924	0.48	cps
Cobalt	59-2	1454627	1481543	1463710	1466627	0.93	cps
Copper	63-2	1873098	1817584	1845820	1845501	1.50	cps
Dysprosium	156-1	86769	85763	84787	85773	1.16	cps
Dysprosium	156-2	69715	71873	70546	70711	1.54	cps
Erbium	164-1	94731	93379	92664	93592	1.12	cps
Erbium	164-2	67465	67060	66681	67069	0.58	cps
Gadolinium	160-1	87803	86716	85576	86698	1.28	cps
Gadolinium	160-2	64049	64889	64561	64500	0.66	cps
Holmium	165-1	16657611	16393989	16140165	16397255	1.58	cps
Holmium	165-2	11595432	11659541	11585061	11613345	0.35	cps
Indium	115-1	13280192	13105159	12966098	13117149	1.20	cps
Indium	115-2	4910777	4897099	4914733	4907536	0.19	cps
Iron	56-2	719070816	729014522	718992256	722359198	0.80	cps
Iron	57-2	17817648	17927853	17644511	17796671	0.80	cps
Iron	54-2	39437739	39874324	38899672	39403912	1.24	cps
Krypton	83-1	360	390	357	369	4.98	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-03	Instrumnet Name :	P7
Client Sample ID :	MYCZJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:54:53	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	207038	204413	202762	204738	1.05	cps
Lead	207-1	174336	171957	170536	172276	1.11	cps
Lead	208-1	796700	783225	774591	784839	1.42	cps
Lithium	6-1	1882589	1870407	1854647	1869214	0.75	cps
Magnesium	24-2	21518766	21490124	21473285	21494058	0.11	cps
Manganese	55-2	19257489	19319242	19172969	19249900	0.38	cps
Molybdenum	94-1	12115	12422	11988	12175	1.83	cps
Molybdenum	95-1	4064	4157	4127	4116	1.16	cps
Molybdenum	96-1	12789	12912	13199	12967	1.62	cps
Molybdenum	97-1	2444	2480	2360	2428	2.53	cps
Molybdenum	98-1	5895	5778	5551	5741	3.04	cps
Neodymium	150-1	112168	111288	111617	111691	0.40	cps
Neodymium	150-2	68147	68750	67310	68069	1.06	cps
Nickel	60-2	348943	351962	349309	350071	0.47	cps
Phosphorus	31-2	29569	29014	29161	29248	0.98	cps
Potassium	39-2	2120919	2093115	2077161	2097065	1.06	cps
Rhodium	103-1	12305221	12099102	11862332	12088885	1.83	cps
Rhodium	103-2	7317721	7319669	7396814	7344735	0.61	cps
Scandium	45-1	7805658	7700020	7578813	7694830	1.48	cps
Scandium	45-2	704815	706091	701091	703999	0.37	cps
Selenium	82-1	741	667	611	673	9.69	cps
Selenium	77-2	220	277	220	239	13.70	cps
Selenium	78-2	697	733	690	707	3.30	cps
Silicon	28-1	10578915	10622737	10686704	10629452	0.51	cps
Silver	107-1	4274	4411	4461	4382	2.21	cps
Silver	109-1	4234	4334	4321	4296	1.26	cps
Sodium	23-2	239166	237811	238130	238369	0.30	cps
Strontium	86-1	338618	337337	333011	336322	0.87	cps
Strontium	88-1	3048957	3048001	3018393	3038450	0.57	cps
Sulfur	34-1	174268	177305	178151	176575	1.16	cps
Terbium	159-1	17389342	16820868	16577988	16929399	2.46	cps
Terbium	159-2	11621536	11543442	11475563	11546847	0.63	cps
Thallium	203-1	2674	2634	2404	2570	5.67	cps
Thallium	205-1	5841	5688	5688	5739	1.54	cps
Tin	118-1	2454	2524	2547	2508	1.94	cps
Titanium	47-1	751835	746452	742748	747012	0.61	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-03	Instrumnet Name :	P7
Client Sample ID :	MYCZJ1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:54:53	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25494	24646	25231	25124	1.73	cps
Vanadium	51-2	1322549	1310429	1308492	1313823	0.58	cps
Yttrium	89-1	17263133	16894382	16800221	16985912	1.44	cps
Yttrium	89-2	4818284	4772753	4835238	4808758	0.67	cps
Zinc	66-2	258478	255449	255484	256470	0.68	cps
Zirconium	90-1	25973	26270	25656	25966	1.18	cps
Zirconium	91-1	5805	5588	5855	5749	2.47	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-04	Instrumnet Name :	P7
Client Sample ID :	MYCZJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:57:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21381771	21346132	21395186	21374363	0.12	cps
Antimony	121-1	1067	1083	1083	1078	0.89	cps
Arsenic	75-2	73956	73330	73511	73599	0.44	cps
Barium	135-1	788110	786616	782253	785660	0.39	cps
Barium	137-1	1369388	1359860	1336717	1355322	1.24	cps
Beryllium	9-1	1283	1190	1103	1192	7.55	cps
Bismuth	209-1	9759080	9611044	9582927	9651017	0.98	cps
Bismuth	209-2	7892326	8120322	7936781	7983143	1.51	cps
Bromine	81-1	16866	17147	17444	17152	1.68	cps
Bromine	81-2	467	543	473	494	8.59	cps
Cadmium	108-1	253	303	277	278	9.01	cps
Cadmium	106-1	4671	4321	4531	4507	3.91	cps
Cadmium	111-1	6076	5699	6062	5946	3.59	cps
Calcium	43-1	758978	751408	745677	752021	0.89	cps
Calcium	44-1	11821931	12020634	11781610	11874725	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	877839	876588	870044	874824	0.48	cps
Cobalt	59-2	1597803	1576937	1580899	1585213	0.70	cps
Copper	63-2	1882807	1888044	1900232	1890361	0.47	cps
Dysprosium	156-1	87245	86015	86347	86536	0.74	cps
Dysprosium	156-2	69393	70429	69454	69758	0.83	cps
Erbium	164-1	96221	93876	93211	94436	1.67	cps
Erbium	164-2	67432	67003	67087	67174	0.34	cps
Gadolinium	160-1	87736	87943	87272	87650	0.39	cps
Gadolinium	160-2	64990	66058	65378	65475	0.83	cps
Holmium	165-1	16433030	16301496	16296558	16343695	0.47	cps
Holmium	165-2	11501299	11770773	11513823	11595298	1.31	cps
Indium	115-1	13367453	12953974	12992316	13104581	1.74	cps
Indium	115-2	4926596	4962491	4881486	4923524	0.82	cps
Iron	56-2	751065535	743647509	744037696	746250247	0.56	cps
Iron	57-2	18660711	18647018	18512140	18606623	0.44	cps
Iron	54-2	40738014	40652193	40803622	40731276	0.19	cps
Krypton	83-1	360	350	390	367	5.68	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-04	Instrumnet Name :	P7
Client Sample ID :	MYCZJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:57:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	203902	204728	199336	202655	1.43	cps
Lead	207-1	171825	169777	170414	170672	0.61	cps
Lead	208-1	785068	776711	772063	777948	0.85	cps
Lithium	6-1	1836476	1797723	1840644	1824948	1.30	cps
Magnesium	24-2	21767146	21900371	21765296	21810938	0.36	cps
Manganese	55-2	19996083	19880160	19898934	19925059	0.31	cps
Molybdenum	94-1	12882	12619	12829	12777	1.09	cps
Molybdenum	95-1	3597	3500	3650	3583	2.12	cps
Molybdenum	96-1	12912	12969	12672	12851	1.23	cps
Molybdenum	97-1	2160	1987	2027	2058	4.41	cps
Molybdenum	98-1	5004	4961	4961	4975	0.50	cps
Neodymium	150-1	113566	111910	111446	112307	0.99	cps
Neodymium	150-2	68154	67467	67698	67773	0.52	cps
Nickel	60-2	363076	362821	363222	363040	0.06	cps
Phosphorus	31-2	29622	29118	29205	29315	0.92	cps
Potassium	39-2	2085988	2039856	2044107	2056650	1.24	cps
Rhodium	103-1	12329450	12074556	12218584	12207530	1.05	cps
Rhodium	103-2	7326862	7369566	7309405	7335278	0.42	cps
Scandium	45-1	7918401	7755684	7719051	7797712	1.36	cps
Scandium	45-2	708880	701714	701759	704118	0.59	cps
Selenium	82-1	752	672	590	672	12.07	cps
Selenium	77-2	227	257	167	217	21.15	cps
Selenium	78-2	577	653	773	668	14.84	cps
Silicon	28-1	18838582	18459673	18741298	18679851	1.05	cps
Silver	107-1	4377	4074	4361	4271	3.99	cps
Silver	109-1	3894	4204	4127	4075	3.96	cps
Sodium	23-2	247288	242070	243644	244334	1.10	cps
Strontium	86-1	333526	331249	326144	330306	1.14	cps
Strontium	88-1	3013578	2986168	2958791	2986179	0.92	cps
Sulfur	34-1	177871	179055	178063	178330	0.36	cps
Terbium	159-1	17148339	16939257	16748520	16945372	1.18	cps
Terbium	159-2	11491467	11627188	11612635	11577097	0.64	cps
Thallium	203-1	2657	2517	2617	2597	2.78	cps
Thallium	205-1	6055	6285	5695	6011	4.95	cps
Tin	118-1	2397	2370	2314	2360	1.80	cps
Titanium	47-1	779509	770722	771456	773896	0.63	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-04	Instrumnet Name :	P7
Client Sample ID :	MYCZJ2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 21:57:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22446	22683	22426	22518	0.64	cps
Vanadium	51-2	1340993	1362013	1343675	1348894	0.85	cps
Yttrium	89-1	17379040	16982038	17046479	17135852	1.24	cps
Yttrium	89-2	4902729	4835581	4781246	4839852	1.26	cps
Zinc	66-2	260297	261950	259640	260629	0.46	cps
Zirconium	90-1	28635	27973	28137	28248	1.22	cps
Zirconium	91-1	6405	6608	6271	6428	2.64	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-05	Instrumnet Name :	P7
Client Sample ID :	MYCZJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:01:04	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16692277	16958304	16669072	16773218	0.96	cps
Antimony	121-1	730	760	737	742	2.12	cps
Arsenic	75-2	43704	43821	43310	43612	0.61	cps
Barium	135-1	742405	734385	732574	736455	0.71	cps
Barium	137-1	1287049	1267969	1264040	1273019	0.97	cps
Beryllium	9-1	1640	1780	1587	1669	5.98	cps
Bismuth	209-1	9997939	9848155	9617121	9821072	1.95	cps
Bismuth	209-2	8086857	8026127	8070706	8061230	0.39	cps
Bromine	81-1	18395	18522	18068	18328	1.28	cps
Bromine	81-2	583	640	583	602	5.43	cps
Cadmium	108-1	210	223	317	250	23.25	cps
Cadmium	106-1	4711	4517	4547	4592	2.27	cps
Cadmium	111-1	5307	5209	5045	5187	2.56	cps
Calcium	43-1	507532	500531	493639	500568	1.39	cps
Calcium	44-1	7937490	7921496	7768383	7875790	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	806280	807070	809399	807583	0.20	cps
Cobalt	59-2	526573	525636	522364	524858	0.42	cps
Copper	63-2	945248	941763	941592	942868	0.22	cps
Dysprosium	156-1	82567	81347	81203	81706	0.92	cps
Dysprosium	156-2	70161	69069	70325	69851	0.98	cps
Erbium	164-1	80128	79253	78978	79453	0.76	cps
Erbium	164-2	58043	57337	56156	57179	1.67	cps
Gadolinium	160-1	81800	81230	80141	81057	1.04	cps
Gadolinium	160-2	60409	60975	60362	60582	0.56	cps
Holmium	165-1	16798239	16587994	16355482	16580572	1.34	cps
Holmium	165-2	11756190	11789112	11786595	11777299	0.16	cps
Indium	115-1	13374229	13234349	13016357	13208312	1.37	cps
Indium	115-2	4911100	4947220	4966590	4941637	0.57	cps
Iron	56-2	565659085	557531752	561063712	561418183	0.73	cps
Iron	57-2	14024216	13925128	13799634	13916326	0.81	cps
Iron	54-2	30634525	30419079	30466725	30506776	0.37	cps
Krypton	83-1	370	307	313	330	10.55	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-05	Instrumnet Name :	P7
Client Sample ID :	MYCZJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:01:04	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	276323	274384	270812	273840	1.02	cps
Lead	207-1	238528	237254	235456	237079	0.65	cps
Lead	208-1	1083196	1080713	1068230	1077380	0.74	cps
Lithium	6-1	1893571	1856790	1884860	1878407	1.02	cps
Magnesium	24-2	18490575	18342669	18399002	18410749	0.41	cps
Manganese	55-2	9244118	9099207	9252212	9198512	0.94	cps
Molybdenum	94-1	38918	38925	37922	38589	1.50	cps
Molybdenum	95-1	5068	5641	5364	5358	5.35	cps
Molybdenum	96-1	17901	17834	17527	17754	1.12	cps
Molybdenum	97-1	3214	3407	3297	3306	2.93	cps
Molybdenum	98-1	8402	8286	8316	8335	0.73	cps
Neodymium	150-1	128500	128446	125862	127603	1.18	cps
Neodymium	150-2	78115	77830	76835	77593	0.87	cps
Nickel	60-2	243146	240502	242331	241993	0.56	cps
Phosphorus	31-2	28901	29074	28864	28946	0.39	cps
Potassium	39-2	3058353	3054331	2992771	3035151	1.21	cps
Rhodium	103-1	12535183	12327678	12143070	12335310	1.59	cps
Rhodium	103-2	7378585	7389164	7440255	7402668	0.45	cps
Scandium	45-1	8018334	7957738	7908324	7961465	0.69	cps
Scandium	45-2	706509	710579	708594	708561	0.29	cps
Selenium	82-1	745	730	640	705	8.08	cps
Selenium	77-2	233	247	243	241	2.88	cps
Selenium	78-2	733	687	623	681	8.11	cps
Silicon	28-1	15216718	14998767	15005926	15073804	0.82	cps
Silver	107-1	2104	2007	2097	2069	2.61	cps
Silver	109-1	1867	1790	1770	1809	2.82	cps
Sodium	23-2	338578	335537	339025	337713	0.56	cps
Strontium	86-1	266621	264577	264804	265334	0.42	cps
Strontium	88-1	2400117	2380121	2379265	2386501	0.49	cps
Sulfur	34-1	185852	184951	185659	185487	0.26	cps
Terbium	159-1	17256025	16872393	16784178	16970865	1.48	cps
Terbium	159-2	11721861	11551610	11597783	11623751	0.76	cps
Thallium	203-1	2237	2344	2324	2301	2.46	cps
Thallium	205-1	5545	5728	5671	5648	1.66	cps
Tin	118-1	3734	3691	3914	3779	3.13	cps
Titanium	47-1	824424	816278	818047	819583	0.52	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-05	Instrumnet Name :	P7
Client Sample ID :	MYCZJ3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:01:04	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26526	27365	26723	26872	1.63	cps
Vanadium	51-2	1160314	1168296	1166763	1165124	0.36	cps
Yttrium	89-1	17150828	16728493	16829223	16902848	1.31	cps
Yttrium	89-2	4715011	4680158	4711213	4702127	0.41	cps
Zinc	66-2	302403	304594	304683	303893	0.42	cps
Zirconium	90-1	95669	93827	94253	94583	1.02	cps
Zirconium	91-1	20711	20675	20481	20622	0.60	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-06	Instrumnet Name :	P7
Client Sample ID :	MYCZJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:04:11	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25808425	25961451	25605353	25791743	0.69	cps
Antimony	121-1	953	790	747	830	13.13	cps
Arsenic	75-2	49178	48318	47720	48405	1.51	cps
Barium	135-1	324257	319866	319559	321227	0.82	cps
Barium	137-1	565761	557860	549292	557638	1.48	cps
Beryllium	9-1	723	680	680	694	3.60	cps
Bismuth	209-1	9710296	9426379	9458409	9531695	1.63	cps
Bismuth	209-2	7901921	7918467	7929372	7916586	0.17	cps
Bromine	81-1	17811	17724	17334	17623	1.44	cps
Bromine	81-2	380	320	313	338	10.87	cps
Cadmium	108-1	170	177	247	198	21.47	cps
Cadmium	106-1	4657	4431	4354	4481	3.52	cps
Cadmium	111-1	5098	4741	4779	4873	4.02	cps
Calcium	43-1	557613	552943	545175	551910	1.14	cps
Calcium	44-1	8777269	8606284	8483632	8622395	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1539999	1531781	1527258	1533012	0.42	cps
Cobalt	59-2	836604	821884	836255	831581	1.01	cps
Copper	63-2	1633495	1586460	1600352	1606769	1.50	cps
Dysprosium	156-1	49604	49092	48567	49088	1.06	cps
Dysprosium	156-2	38807	38456	38392	38552	0.58	cps
Erbium	164-1	62181	61046	61116	61448	1.03	cps
Erbium	164-2	44043	44093	44039	44058	0.07	cps
Gadolinium	160-1	53321	52605	53170	53032	0.71	cps
Gadolinium	160-2	39425	39241	39402	39356	0.25	cps
Holmium	165-1	16757101	16192074	16128613	16359263	2.11	cps
Holmium	165-2	11685047	11590380	11548804	11608077	0.60	cps
Indium	115-1	13356788	13082580	12986591	13141986	1.46	cps
Indium	115-2	4976353	4889568	4862918	4909613	1.21	cps
Iron	56-2	855231534	844005507	849177107	849471383	0.66	cps
Iron	57-2	21124778	20683112	20963940	20923943	1.07	cps
Iron	54-2	46464306	46034521	46147691	46215506	0.48	cps
Krypton	83-1	370	357	363	363	1.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-06	Instrumnet Name :	P7
Client Sample ID :	MYCZJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:04:11	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	94149	92179	91280	92536	1.59	cps
Lead	207-1	81040	79936	80114	80363	0.74	cps
Lead	208-1	367083	361879	360367	363110	0.97	cps
Lithium	6-1	1818937	1803338	1872486	1831587	1.98	cps
Magnesium	24-2	32331867	32594193	32313820	32413293	0.48	cps
Manganese	55-2	11056707	10883379	11060050	11000045	0.92	cps
Molybdenum	94-1	8299	8059	8036	8131	1.79	cps
Molybdenum	95-1	2387	2560	2614	2520	4.70	cps
Molybdenum	96-1	13009	12489	12779	12759	2.04	cps
Molybdenum	97-1	1737	1690	1480	1636	8.36	cps
Molybdenum	98-1	3384	3267	3390	3347	2.07	cps
Neodymium	150-1	57969	58035	56513	57505	1.50	cps
Neodymium	150-2	34275	34780	34352	34469	0.79	cps
Nickel	60-2	414379	406356	408291	409675	1.02	cps
Phosphorus	31-2	22907	23445	23491	23281	1.39	cps
Potassium	39-2	1572353	1577867	1584143	1578121	0.37	cps
Rhodium	103-1	12376331	11991428	12104664	12157474	1.63	cps
Rhodium	103-2	7403516	7210890	7301264	7305223	1.32	cps
Scandium	45-1	8563381	8436764	8330664	8443603	1.38	cps
Scandium	45-2	766594	759832	755900	760775	0.71	cps
Selenium	82-1	589	667	526	594	11.91	cps
Selenium	77-2	153	107	147	136	18.62	cps
Selenium	78-2	540	590	547	559	4.86	cps
Silicon	28-1	16144399	15683924	15825537	15884620	1.48	cps
Silver	107-1	1417	1473	1343	1411	4.62	cps
Silver	109-1	1250	1430	1213	1298	8.94	cps
Sodium	23-2	652379	659947	644490	652272	1.18	cps
Strontium	86-1	229258	229579	223481	227439	1.51	cps
Strontium	88-1	2098251	2054174	2063653	2072026	1.12	cps
Sulfur	34-1	184401	185217	186799	185472	0.66	cps
Terbium	159-1	17249040	17057421	16632479	16979646	1.86	cps
Terbium	159-2	11621573	11541639	11416078	11526430	0.90	cps
Thallium	203-1	1187	1170	1147	1168	1.72	cps
Thallium	205-1	2890	2787	2694	2790	3.53	cps
Tin	118-1	2237	2470	2254	2320	5.61	cps
Titanium	47-1	1032813	1024322	1012819	1023318	0.98	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-06	Instrumnet Name :	P7
Client Sample ID :	MYCZJ4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:04:11	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10651	10751	10778	10727	0.62	cps
Vanadium	51-2	2148657	2109111	2165067	2140945	1.34	cps
Yttrium	89-1	16814094	16514317	16609814	16646075	0.92	cps
Yttrium	89-2	4710773	4641277	4663562	4671871	0.76	cps
Zinc	66-2	381306	383395	381164	381955	0.33	cps
Zirconium	90-1	17260	16940	17368	17189	1.30	cps
Zirconium	91-1	3944	3881	3827	3884	1.50	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:07:18	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16169877	15943873	15869668	15994472	0.98	cps
Antimony	121-1	6458683	6576486	6468993	6501387	1.00	cps
Arsenic	75-2	335089	334276	335307	334891	0.16	cps
Barium	135-1	8440824	8564437	8469272	8491511	0.76	cps
Barium	137-1	14873360	14736978	14800249	14803529	0.46	cps
Beryllium	9-1	778499	788421	787371	784764	0.69	cps
Bismuth	209-1	8606116	8810094	8536812	8651007	1.64	cps
Bismuth	209-2	7417896	7495400	7136643	7349980	2.57	cps
Bromine	81-1	15759	16025	15728	15838	1.03	cps
Bromine	81-2	157	197	160	171	12.97	cps
Cadmium	108-1	118771	120109	119712	119531	0.57	cps
Cadmium	106-1	172383	175189	173920	173831	0.81	cps
Cadmium	111-1	1583319	1660661	1672727	1638903	2.96	cps
Calcium	43-1	8861329	8904838	8831922	8866030	0.41	cps
Calcium	44-1	142248438	144892521	143108238	143416399	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2696811	2608917	2653432	2653053	1.66	cps
Cobalt	59-2	4089958	4084807	4122195	4098987	0.49	cps
Copper	63-2	28840552	28716148	28607925	28721542	0.41	cps
Dysprosium	156-1	300	363	287	317	12.93	cps
Dysprosium	156-2	607	620	547	591	6.61	cps
Erbium	164-1	387	343	300	343	12.62	cps
Erbium	164-2	257	267	293	272	6.96	cps
Gadolinium	160-1	317	260	310	296	10.48	cps
Gadolinium	160-2	910	733	767	803	11.69	cps
Holmium	165-1	15429554	15078414	14750034	15086000	2.25	cps
Holmium	165-2	11336251	11309353	10922184	11189263	2.07	cps
Indium	115-1	11841224	11669062	11484733	11665006	1.53	cps
Indium	115-2	4502277	4518778	4445053	4488703	0.86	cps
Iron	56-2	624484591	624820204	624136924	624480573	0.05	cps
Iron	57-2	15745028	15628704	15698734	15690822	0.37	cps
Iron	54-2	34210535	33962669	34119590	34097598	0.37	cps
Krypton	83-1	263	203	230	232	12.95	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:07:18	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25429516	25815775	25642500	25629264	0.75	cps
Lead	207-1	22343174	22659401	22641309	22547961	0.79	cps
Lead	208-1	101772698	103329998	102724262	102608986	0.77	cps
Lithium	6-1	1732807	1753860	1755467	1747378	0.72	cps
Magnesium	24-2	121980475	120606712	121603212	121396799	0.58	cps
Manganese	55-2	21608306	21466831	21573066	21549401	0.34	cps
Molybdenum	94-1	23450780	23395801	23426050	23424211	0.12	cps
Molybdenum	95-1	33483804	33905892	33804390	33731362	0.65	cps
Molybdenum	96-1	36734895	36957507	36860516	36850973	0.30	cps
Molybdenum	97-1	20931602	21154805	20893329	20993245	0.67	cps
Molybdenum	98-1	54201093	54592646	53933593	54242444	0.61	cps
Neodymium	150-1	497	693	513	568	19.21	cps
Neodymium	150-2	160	157	167	161	3.16	cps
Nickel	60-2	976655	966988	971340	971661	0.50	cps
Phosphorus	31-2	145641	144602	144447	144897	0.45	cps
Potassium	39-2	79881300	79153449	78885549	79306766	0.65	cps
Rhodium	103-1	10714854	10659921	10364007	10579594	1.78	cps
Rhodium	103-2	6612991	6647713	6460297	6573667	1.52	cps
Scandium	45-1	6781192	6629014	6671631	6693946	1.17	cps
Scandium	45-2	607144	608970	590136	602083	1.73	cps
Selenium	82-1	97063	97941	98124	97710	0.58	cps
Selenium	77-2	11098	11091	10597	10929	2.63	cps
Selenium	78-2	36131	36655	36057	36281	0.90	cps
Silicon	28-1	3888478	3982308	3981748	3950845	1.37	cps
Silver	107-1	8196490	8242387	8251507	8230128	0.36	cps
Silver	109-1	7741752	7822713	7777622	7780696	0.52	cps
Sodium	23-2	199472850	198816004	198271737	198853530	0.30	cps
Strontium	86-1	2093086	2120745	2080889	2098240	0.97	cps
Strontium	88-1	18501869	18763542	18469107	18578173	0.87	cps
Sulfur	34-1	690766	693797	688268	690943	0.40	cps
Terbium	159-1	15811079	15692221	15406904	15636734	1.33	cps
Terbium	159-2	11097451	11176765	10901945	11058720	1.28	cps
Thallium	203-1	6435223	6344622	6458920	6412922	0.94	cps
Thallium	205-1	15117377	15308193	15269259	15231610	0.66	cps
Tin	118-1	5523942	5490545	5453422	5489303	0.64	cps
Titanium	47-1	8245691	8248694	8264520	8252968	0.12	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P7
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:07:18	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20092742	20324298	20261861	20226300	0.59	cps
Vanadium	51-2	2401287	2364803	2348305	2371465	1.14	cps
Yttrium	89-1	14415386	14249790	13829264	14164813	2.13	cps
Yttrium	89-2	4165634	4120412	4004831	4096959	2.02	cps
Zinc	66-2	4809533	4715203	4763564	4762767	0.99	cps
Zirconium	90-1	11465228	11488178	11310867	11421424	0.84	cps
Zirconium	91-1	2547414	2573497	2542384	2554432	0.65	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:13:36	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	240	237	231	5.46	cps
Antimony	121-1	603	583	560	582	3.72	cps
Arsenic	75-2	10	3	13	9	57.30	cps
Barium	135-1	127	90	100	106	17.96	cps
Barium	137-1	220	200	183	201	9.13	cps
Beryllium	9-1	117	117	87	107	16.24	cps
Bismuth	209-1	9710463	9645051	9541865	9632459	0.88	cps
Bismuth	209-2	8087127	8044317	8093703	8075049	0.33	cps
Bromine	81-1	16499	16232	16212	16315	0.98	cps
Bromine	81-2	223	173	250	216	18.05	cps
Cadmium	108-1	7	3	20	10	88.20	cps
Cadmium	106-1	3771	3637	3600	3669	2.44	cps
Cadmium	111-1	2678	2577	2543	2599	2.70	cps
Calcium	43-1	370	393	427	397	7.18	cps
Calcium	44-1	12078	12242	12205	12175	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1610	1567	1557	1578	1.80	cps
Cobalt	59-2	180	177	177	178	1.08	cps
Copper	63-2	893	853	750	832	8.89	cps
Dysprosium	156-1	13	3	7	8	65.47	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	67	53	67	62	12.38	cps
Erbium	164-2	37	47	37	40	14.43	cps
Gadolinium	160-1	73	77	50	67	21.80	cps
Gadolinium	160-2	590	667	623	627	6.13	cps
Holmium	165-1	15862036	15745009	15617096	15741380	0.78	cps
Holmium	165-2	11335203	11324051	11246674	11301976	0.43	cps
Indium	115-1	12897635	12681749	12746486	12775290	0.87	cps
Indium	115-2	4793179	4750846	4800348	4781457	0.56	cps
Iron	56-2	26607	25705	24977	25763	3.17	cps
Iron	57-2	1330	1127	1213	1223	8.34	cps
Iron	54-2	3050	3214	2870	3045	5.64	cps
Krypton	83-1	183	273	233	230	19.60	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:13:36	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	887	787	727	800	10.10	cps
Lead	207-1	693	647	617	652	5.92	cps
Lead	208-1	3364	3027	2950	3114	7.06	cps
Lithium	6-1	1925799	1878314	1880318	1894810	1.42	cps
Magnesium	24-2	1420	1320	1243	1328	6.67	cps
Manganese	55-2	493	483	480	486	1.43	cps
Molybdenum	94-1	613	673	590	626	6.87	cps
Molybdenum	95-1	703	503	507	571	20.05	cps
Molybdenum	96-1	760	713	590	688	12.77	cps
Molybdenum	97-1	337	397	367	367	8.18	cps
Molybdenum	98-1	1003	1027	857	962	9.58	cps
Neodymium	150-1	17	7	3	9	78.08	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	300	387	387	358	13.98	cps
Phosphorus	31-2	133	150	157	147	8.19	cps
Potassium	39-2	60894	60051	59358	60101	1.28	cps
Rhodium	103-1	11891913	12064082	11962725	11972907	0.72	cps
Rhodium	103-2	7313598	7301773	7285701	7300357	0.19	cps
Scandium	45-1	7061822	7005935	6989482	7019080	0.54	cps
Scandium	45-2	621818	622824	619346	621329	0.29	cps
Selenium	82-1	545	438	407	463	15.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	473	473	453	467	2.48	cps
Silicon	28-1	602264	603496	602368	602709	0.11	cps
Silver	107-1	340	263	280	294	13.69	cps
Silver	109-1	287	250	207	248	16.16	cps
Sodium	23-2	23505	23788	22944	23412	1.84	cps
Strontium	86-1	387	357	390	378	4.86	cps
Strontium	88-1	350	407	310	356	13.66	cps
Sulfur	34-1	204580	198606	202020	201735	1.49	cps
Terbium	159-1	16361339	16260074	16160519	16260644	0.62	cps
Terbium	159-2	11283287	11211634	11325554	11273492	0.51	cps
Thallium	203-1	367	327	370	354	6.80	cps
Thallium	205-1	823	887	930	880	6.10	cps
Tin	118-1	1730	1700	1587	1672	4.52	cps
Titanium	47-1	180	133	157	157	14.89	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P7
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:13:36	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	220	190	183	198	9.87	cps
Vanadium	51-2	20	13	7	13	49.99	cps
Yttrium	89-1	14883514	14855067	14900305	14879628	0.15	cps
Yttrium	89-2	4269331	4211312	4225674	4235439	0.71	cps
Zinc	66-2	467	503	490	487	3.81	cps
Zirconium	90-1	873	870	900	881	1.87	cps
Zirconium	91-1	200	193	200	198	1.94	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-07	Instrumnet Name :	P7
Client Sample ID :	MYCZJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:16:52	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23494385	23044460	23264760	23267868	0.97	cps
Antimony	121-1	1410	900	933	1081	26.41	cps
Arsenic	75-2	54172	52696	52442	53103	1.76	cps
Barium	135-1	545681	539759	537557	540999	0.78	cps
Barium	137-1	945100	933980	930879	936653	0.80	cps
Beryllium	9-1	993	1060	1163	1072	7.99	cps
Bismuth	209-1	9867135	9891694	9770838	9843222	0.65	cps
Bismuth	209-2	8130666	8064941	8073703	8089770	0.44	cps
Bromine	81-1	17577	17521	17310	17469	0.81	cps
Bromine	81-2	380	387	353	373	4.73	cps
Cadmium	108-1	250	277	227	251	9.96	cps
Cadmium	106-1	4584	4788	4461	4611	3.58	cps
Cadmium	111-1	5281	5551	5257	5363	3.04	cps
Calcium	43-1	563343	566596	561919	563953	0.43	cps
Calcium	44-1	9119913	8946645	8653360	8906639	2.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1337228	1345023	1331799	1338016	0.50	cps
Cobalt	59-2	738930	737164	731708	735934	0.51	cps
Copper	63-2	1311636	1302197	1303122	1305652	0.40	cps
Dysprosium	156-1	63697	62371	62026	62698	1.41	cps
Dysprosium	156-2	50186	50888	50942	50672	0.83	cps
Erbium	164-1	69950	70744	69753	70149	0.75	cps
Erbium	164-2	49568	49862	49715	49715	0.30	cps
Gadolinium	160-1	65891	64501	64662	65018	1.17	cps
Gadolinium	160-2	48487	48975	48015	48492	0.99	cps
Holmium	165-1	16973256	16852797	16528650	16784901	1.37	cps
Holmium	165-2	11840105	11781334	11721247	11780896	0.50	cps
Indium	115-1	13609964	13425362	13201602	13412309	1.52	cps
Indium	115-2	5067878	4964770	5017730	5016793	1.03	cps
Iron	56-2	773568975	765394762	772557508	770507082	0.58	cps
Iron	57-2	19173664	18961150	18998381	19044398	0.60	cps
Iron	54-2	42357459	41639713	42006105	42001092	0.85	cps
Krypton	83-1	327	330	413	357	13.77	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-07	Instrumnet Name :	P7
Client Sample ID :	MYCZJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:16:52	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	188036	185180	183443	185553	1.25	cps
Lead	207-1	163003	161885	159726	161538	1.03	cps
Lead	208-1	738243	729630	724482	730785	0.95	cps
Lithium	6-1	1990950	1927620	1900910	1939827	2.38	cps
Magnesium	24-2	28582300	27951690	28113843	28215945	1.16	cps
Manganese	55-2	11184702	11036742	11221552	11147665	0.88	cps
Molybdenum	94-1	14190	14584	14064	14279	1.90	cps
Molybdenum	95-1	2454	2664	2527	2548	4.18	cps
Molybdenum	96-1	13113	13353	12529	12998	3.26	cps
Molybdenum	97-1	1650	1543	1527	1573	4.25	cps
Molybdenum	98-1	3801	3500	3497	3599	4.84	cps
Neodymium	150-1	85957	83864	83287	84369	1.66	cps
Neodymium	150-2	50898	50928	50801	50876	0.13	cps
Nickel	60-2	368996	368686	366224	367969	0.41	cps
Phosphorus	31-2	24940	24560	24937	24812	0.88	cps
Potassium	39-2	2007598	1961627	2014468	1994564	1.44	cps
Rhodium	103-1	12706141	12442282	12558500	12568975	1.05	cps
Rhodium	103-2	7561789	7504330	7384743	7483621	1.21	cps
Scandium	45-1	8682570	8587106	8294144	8521273	2.38	cps
Scandium	45-2	756356	751057	747426	751613	0.60	cps
Selenium	82-1	659	622	547	609	9.32	cps
Selenium	77-2	170	127	140	146	15.25	cps
Selenium	78-2	653	693	760	702	7.67	cps
Silicon	28-1	14359444	14357377	14429877	14382233	0.29	cps
Silver	107-1	4127	3934	3877	3979	3.29	cps
Silver	109-1	3660	3584	3634	3626	1.07	cps
Sodium	23-2	254107	249819	250194	251373	0.94	cps
Strontium	86-1	250740	248782	247948	249156	0.58	cps
Strontium	88-1	2259458	2233491	2264189	2252379	0.73	cps
Sulfur	34-1	198626	193272	191649	194516	1.88	cps
Terbium	159-1	17667974	17181743	16882269	17243995	2.30	cps
Terbium	159-2	11731043	11964723	11742685	11812817	1.11	cps
Thallium	203-1	1830	1533	1610	1658	9.29	cps
Thallium	205-1	4228	3531	3851	3870	9.02	cps
Tin	118-1	2600	2480	2817	2632	6.48	cps
Titanium	47-1	653356	657766	648998	653373	0.67	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-07	Instrumnet Name :	P7
Client Sample ID :	MYCZJ5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:16:52	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17492	16630	17028	17050	2.53	cps
Vanadium	51-2	1853687	1836705	1846814	1845735	0.46	cps
Yttrium	89-1	17383572	17066531	16764259	17071454	1.81	cps
Yttrium	89-2	4722494	4800010	4763379	4761961	0.81	cps
Zinc	66-2	364048	363174	365073	364099	0.26	cps
Zirconium	90-1	33929	33678	33835	33814	0.37	cps
Zirconium	91-1	7752	8026	7555	7778	3.04	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-08	Instrumnet Name :	P7
Client Sample ID :	MYCZJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:20:01	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21738114	21511632	21405506	21551751	0.79	cps
Antimony	121-1	810	750	790	783	3.90	cps
Arsenic	75-2	34811	35105	35188	35035	0.57	cps
Barium	135-1	296889	293495	289768	293384	1.21	cps
Barium	137-1	517878	511984	499425	509763	1.85	cps
Beryllium	9-1	647	663	717	676	5.41	cps
Bismuth	209-1	9944473	9564134	9552396	9687001	2.30	cps
Bismuth	209-2	8050206	7876551	7914596	7947118	1.15	cps
Bromine	81-1	17978	17017	16666	17220	3.94	cps
Bromine	81-2	240	243	293	259	11.54	cps
Cadmium	108-1	170	150	203	174	15.45	cps
Cadmium	106-1	4557	4421	4271	4416	3.25	cps
Cadmium	111-1	4671	4613	4351	4545	3.76	cps
Calcium	43-1	483120	469351	464824	472432	2.02	cps
Calcium	44-1	7458739	7427603	7379961	7422101	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1239736	1231581	1219092	1230136	0.85	cps
Cobalt	59-2	633569	626159	625529	628419	0.71	cps
Copper	63-2	1312507	1308907	1302093	1307836	0.40	cps
Dysprosium	156-1	42247	41942	40779	41656	1.86	cps
Dysprosium	156-2	33119	32671	32628	32806	0.83	cps
Erbium	164-1	52960	52257	52087	52435	0.88	cps
Erbium	164-2	37721	37560	37239	37507	0.65	cps
Gadolinium	160-1	45962	45119	44567	45216	1.55	cps
Gadolinium	160-2	34332	33510	33824	33889	1.22	cps
Holmium	165-1	17118917	16417951	16354548	16630472	2.55	cps
Holmium	165-2	11791285	11558392	11571698	11640458	1.12	cps
Indium	115-1	13707589	13189928	13008244	13301920	2.73	cps
Indium	115-2	4989773	4844746	4973172	4935897	1.61	cps
Iron	56-2	718345723	712832443	708250416	713142860	0.71	cps
Iron	57-2	17897155	17765053	17662790	17774999	0.66	cps
Iron	54-2	39547669	39023978	38916300	39162649	0.86	cps
Krypton	83-1	287	280	323	297	7.86	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-08	Instrumnet Name :	P7
Client Sample ID :	MYCZJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:20:01	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	71423	69815	69191	70143	1.64	cps
Lead	207-1	62529	60306	60169	61002	2.17	cps
Lead	208-1	279391	273575	273381	275449	1.24	cps
Lithium	6-1	1963673	1876429	1870589	1903563	2.74	cps
Magnesium	24-2	27452290	27166810	27371959	27330353	0.54	cps
Manganese	55-2	9171624	9053442	9051336	9092134	0.76	cps
Molybdenum	94-1	7332	7095	7562	7330	3.19	cps
Molybdenum	95-1	1617	1613	1577	1602	1.39	cps
Molybdenum	96-1	11088	10444	10054	10528	4.96	cps
Molybdenum	97-1	1033	1050	1010	1031	1.95	cps
Molybdenum	98-1	2494	2250	2250	2331	6.03	cps
Neodymium	150-1	50192	49052	48336	49193	1.90	cps
Neodymium	150-2	29888	29140	29047	29358	1.57	cps
Nickel	60-2	343450	339500	340105	341018	0.62	cps
Phosphorus	31-2	20594	21095	20390	20693	1.75	cps
Potassium	39-2	969665	961724	954415	961935	0.79	cps
Rhodium	103-1	12759039	12264183	12123700	12382307	2.70	cps
Rhodium	103-2	7407464	7327020	7349986	7361490	0.56	cps
Scandium	45-1	8600966	8418588	8249061	8422872	2.09	cps
Scandium	45-2	740184	733705	730641	734843	0.66	cps
Selenium	82-1	626	584	480	563	13.29	cps
Selenium	77-2	100	113	83	99	15.20	cps
Selenium	78-2	657	620	587	621	5.64	cps
Silicon	28-1	13689431	13576736	13354358	13540175	1.26	cps
Silver	107-1	1157	1167	1097	1140	3.32	cps
Silver	109-1	1000	1077	1113	1063	5.44	cps
Sodium	23-2	273993	272827	272833	273218	0.25	cps
Strontium	86-1	186101	187362	184585	186016	0.75	cps
Strontium	88-1	1726465	1666990	1639387	1677614	2.65	cps
Sulfur	34-1	185174	181763	179925	182287	1.46	cps
Terbium	159-1	17615323	17011041	16903374	17176580	2.23	cps
Terbium	159-2	11709788	11571044	11637816	11639549	0.60	cps
Thallium	203-1	1137	930	1023	1030	10.05	cps
Thallium	205-1	2414	2250	2264	2309	3.93	cps
Tin	118-1	2980	2837	2720	2846	4.58	cps
Titanium	47-1	725092	709514	709339	714648	1.27	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-08	Instrumnet Name :	P7
Client Sample ID :	MYCZJ6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:20:01	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9203	9023	8813	9013	2.17	cps
Vanadium	51-2	1740283	1748052	1755819	1748051	0.44	cps
Yttrium	89-1	17177564	16587121	16319329	16694671	2.63	cps
Yttrium	89-2	4673457	4553523	4578596	4601859	1.37	cps
Zinc	66-2	279664	281490	275406	278853	1.12	cps
Zirconium	90-1	16783	16236	16012	16344	2.43	cps
Zirconium	91-1	3804	3827	3734	3788	1.28	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-09	Instrumnet Name :	P7
Client Sample ID :	MYCZJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:23:09	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8850842	8732747	8751553	8778381	0.72	cps
Antimony	121-1	677	733	547	652	14.67	cps
Arsenic	75-2	51950	51181	50251	51128	1.66	cps
Barium	135-1	1331014	1337149	1312311	1326824	0.98	cps
Barium	137-1	2430699	2444758	2416531	2430662	0.58	cps
Beryllium	9-1	1987	2023	2230	2080	6.31	cps
Bismuth	209-1	9999437	9677850	9690567	9789285	1.86	cps
Bismuth	209-2	8109749	8078927	7965897	8051524	0.94	cps
Bromine	81-1	17624	17581	17724	17643	0.42	cps
Bromine	81-2	447	417	463	442	5.35	cps
Cadmium	108-1	557	500	433	497	12.43	cps
Cadmium	106-1	5644	5568	5331	5514	2.96	cps
Cadmium	111-1	5548	5534	5319	5467	2.36	cps
Calcium	43-1	4386250	4386399	4360733	4377794	0.34	cps
Calcium	44-1	71506524	70731997	70610584	70949702	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516577	511722	513152	513817	0.49	cps
Cobalt	59-2	258703	258897	256927	258176	0.42	cps
Copper	63-2	503026	497807	501681	500838	0.54	cps
Dysprosium	156-1	113464	112401	111743	112536	0.77	cps
Dysprosium	156-2	100227	100580	100755	100520	0.27	cps
Erbium	164-1	94369	94141	93859	94123	0.27	cps
Erbium	164-2	66792	67810	66681	67094	0.93	cps
Gadolinium	160-1	99594	99148	98550	99097	0.53	cps
Gadolinium	160-2	72905	73361	73139	73135	0.31	cps
Holmium	165-1	16799574	16655133	16257784	16570830	1.69	cps
Holmium	165-2	11522268	11539749	11716501	11592839	0.93	cps
Indium	115-1	13542351	13118864	13019360	13226858	2.10	cps
Indium	115-2	4931925	4884682	4959060	4925223	0.76	cps
Iron	56-2	216793303	217042237	215456470	216430670	0.39	cps
Iron	57-2	5483070	5425491	5483576	5464046	0.61	cps
Iron	54-2	11886632	11743964	11808194	11812930	0.60	cps
Krypton	83-1	363	357	427	382	10.11	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-09	Instrumnet Name :	P7
Client Sample ID :	MYCZJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:23:09	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	711899	708498	704168	708188	0.55	cps
Lead	207-1	584596	581543	576495	580878	0.70	cps
Lead	208-1	2709964	2701183	2684684	2698610	0.48	cps
Lithium	6-1	1986954	1926495	1936845	1950098	1.66	cps
Magnesium	24-2	9608070	9598454	9510954	9572493	0.56	cps
Manganese	55-2	10579071	10585711	10597024	10587269	0.09	cps
Molybdenum	94-1	144003	143010	141920	142977	0.73	cps
Molybdenum	95-1	7219	7082	6798	7033	3.05	cps
Molybdenum	96-1	33047	33094	32266	32802	1.42	cps
Molybdenum	97-1	4454	4617	4404	4492	2.48	cps
Molybdenum	98-1	10968	11188	11244	11133	1.31	cps
Neodymium	150-1	204979	202418	200073	202490	1.21	cps
Neodymium	150-2	121884	121427	121679	121664	0.19	cps
Nickel	60-2	192057	190395	192006	191486	0.49	cps
Phosphorus	31-2	32334	31649	31740	31908	1.17	cps
Potassium	39-2	3249754	3224622	3198398	3224258	0.80	cps
Rhodium	103-1	12388191	12222426	12025975	12212197	1.48	cps
Rhodium	103-2	7323125	7283000	7118164	7241430	1.50	cps
Scandium	45-1	7818775	7592239	7462118	7624377	2.37	cps
Scandium	45-2	667651	666619	666588	666953	0.09	cps
Selenium	82-1	701	716	618	678	7.81	cps
Selenium	77-2	317	323	293	311	5.06	cps
Selenium	78-2	870	807	760	812	6.80	cps
Silicon	28-1	7620718	7497624	7459774	7526038	1.12	cps
Silver	107-1	2757	2714	2787	2753	1.34	cps
Silver	109-1	2357	2424	2630	2470	5.77	cps
Sodium	23-2	509950	507641	505347	507646	0.45	cps
Strontium	86-1	1212758	1207617	1193316	1204564	0.84	cps
Strontium	88-1	11076415	10753177	10726321	10851971	1.80	cps
Sulfur	34-1	291686	295391	294929	294002	0.69	cps
Terbium	159-1	17535389	17163417	16800833	17166547	2.14	cps
Terbium	159-2	11690560	11785684	11805531	11760592	0.52	cps
Thallium	203-1	3307	3320	3367	3332	0.95	cps
Thallium	205-1	7852	7832	7839	7841	0.13	cps
Tin	118-1	4677	4471	4621	4590	2.33	cps
Titanium	47-1	673747	672069	668346	671387	0.41	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-09	Instrumnet Name :	P7
Client Sample ID :	MYCZJ7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:23:09	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	219275	219735	215229	218079	1.14	cps
Vanadium	51-2	391318	385854	386990	388054	0.74	cps
Yttrium	89-1	17574404	17043349	16713625	17110459	2.54	cps
Yttrium	89-2	4761504	4747208	4738893	4749202	0.24	cps
Zinc	66-2	232245	232150	233389	232595	0.30	cps
Zirconium	90-1	378463	377940	375495	377299	0.42	cps
Zirconium	91-1	84293	84139	83757	84063	0.33	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-10	Instrumnet Name :	P7
Client Sample ID :	MYCZJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:26:17	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9601534	9711227	9616909	9643223	0.62	cps
Antimony	121-1	753	623	667	681	9.72	cps
Arsenic	75-2	57886	57681	57471	57679	0.36	cps
Barium	135-1	1346783	1332638	1311114	1330178	1.35	cps
Barium	137-1	2437314	2426351	2356779	2406815	1.81	cps
Beryllium	9-1	2390	2497	2320	2402	3.70	cps
Bismuth	209-1	9985993	9766281	9508711	9753662	2.45	cps
Bismuth	209-2	7980736	8074432	7982609	8012592	0.67	cps
Bromine	81-1	17834	17931	17677	17814	0.72	cps
Bromine	81-2	530	597	610	579	7.40	cps
Cadmium	108-1	397	387	437	407	6.51	cps
Cadmium	106-1	5534	5148	4944	5209	5.76	cps
Cadmium	111-1	6347	6100	6136	6194	2.16	cps
Calcium	43-1	1929982	1913894	1906789	1916889	0.62	cps
Calcium	44-1	31525821	30951355	30524243	31000473	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	352014	348654	348584	349751	0.56	cps
Cobalt	59-2	296326	295261	297081	296222	0.31	cps
Copper	63-2	518809	515806	514338	516318	0.44	cps
Dysprosium	156-1	115954	115587	112076	114539	1.87	cps
Dysprosium	156-2	99580	100708	99136	99808	0.81	cps
Erbium	164-1	93144	92584	91768	92499	0.75	cps
Erbium	164-2	64531	65680	65261	65158	0.89	cps
Gadolinium	160-1	104613	104157	103445	104072	0.57	cps
Gadolinium	160-2	77047	75498	76263	76269	1.02	cps
Holmium	165-1	16767910	16440198	16209746	16472618	1.70	cps
Holmium	165-2	11469711	11518494	11485839	11491348	0.22	cps
Indium	115-1	13562767	12991791	12965147	13173235	2.56	cps
Indium	115-2	4855827	4899953	4925598	4893793	0.72	cps
Iron	56-2	295973956	296282076	291552569	294602867	0.90	cps
Iron	57-2	7370670	7252016	7226408	7283031	1.06	cps
Iron	54-2	16282154	16151703	16057732	16163863	0.70	cps
Krypton	83-1	343	303	317	321	6.34	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-10	Instrumnet Name :	P7
Client Sample ID :	MYCZJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:26:17	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	656266	647408	642294	648656	1.09	cps
Lead	207-1	573431	569870	559413	567571	1.28	cps
Lead	208-1	2579654	2564617	2521846	2555372	1.17	cps
Lithium	6-1	1959955	1904499	1891653	1918702	1.89	cps
Magnesium	24-2	7959870	7988915	7940546	7963110	0.31	cps
Manganese	55-2	8600615	8585649	8448848	8545037	0.98	cps
Molybdenum	94-1	79769	80566	78331	79555	1.42	cps
Molybdenum	95-1	3947	3861	3827	3878	1.60	cps
Molybdenum	96-1	20524	20334	19954	20271	1.43	cps
Molybdenum	97-1	2300	2400	2370	2357	2.18	cps
Molybdenum	98-1	5818	5961	5895	5891	1.22	cps
Neodymium	150-1	198065	196793	195806	196888	0.58	cps
Neodymium	150-2	118728	117918	118422	118356	0.35	cps
Nickel	60-2	138923	139242	138785	138983	0.17	cps
Phosphorus	31-2	32662	32498	32361	32507	0.46	cps
Potassium	39-2	3946455	3872465	3920217	3913046	0.96	cps
Rhodium	103-1	12539113	12283500	11968006	12263540	2.33	cps
Rhodium	103-2	7295755	7298597	7242646	7278999	0.43	cps
Scandium	45-1	7793381	7490413	7417624	7567140	2.63	cps
Scandium	45-2	675082	675130	674828	675014	0.02	cps
Selenium	82-1	733	712	683	709	3.53	cps
Selenium	77-2	360	283	403	349	17.42	cps
Selenium	78-2	740	767	927	811	12.45	cps
Silicon	28-1	8847302	8842635	8722701	8804213	0.80	cps
Silver	107-1	3234	3250	3180	3222	1.14	cps
Silver	109-1	2990	2944	2734	2889	4.73	cps
Sodium	23-2	302403	301540	300988	301643	0.24	cps
Strontium	86-1	616642	608881	600017	608513	1.37	cps
Strontium	88-1	5561768	5531523	5376069	5489786	1.81	cps
Sulfur	34-1	246799	245606	243983	245463	0.58	cps
Terbium	159-1	17411686	16800270	16702779	16971579	2.26	cps
Terbium	159-2	11452599	11618532	11504536	11525222	0.74	cps
Thallium	203-1	3314	3184	3280	3259	2.07	cps
Thallium	205-1	8002	7632	7609	7748	2.85	cps
Tin	118-1	3437	3270	3140	3283	4.53	cps
Titanium	47-1	548171	540763	532440	540458	1.46	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-10	Instrumnet Name :	P7
Client Sample ID :	MYCZJ8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:26:17	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49930	49508	49144	49527	0.79	cps
Vanadium	51-2	484805	482823	481561	483063	0.34	cps
Yttrium	89-1	17314517	16929904	16537711	16927377	2.29	cps
Yttrium	89-2	4746849	4724955	4731183	4734329	0.24	cps
Zinc	66-2	377786	376222	374189	376066	0.48	cps
Zirconium	90-1	214151	211872	209503	211842	1.10	cps
Zirconium	91-1	47507	46925	45741	46724	1.93	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-11	Instrumnet Name :	P7
Client Sample ID :	MYCZJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:29:24	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23461227	23315010	23200182	23325473	0.56	cps
Antimony	121-1	757	693	720	723	4.40	cps
Arsenic	75-2	41959	41297	41367	41541	0.88	cps
Barium	135-1	464210	471425	471122	468919	0.87	cps
Barium	137-1	805156	815003	809668	809943	0.61	cps
Beryllium	9-1	897	843	863	868	3.11	cps
Bismuth	209-1	10438571	9730276	9588900	9919249	4.59	cps
Bismuth	209-2	7981485	7922878	7888164	7930843	0.59	cps
Bromine	81-1	16583	16066	16289	16312	1.59	cps
Bromine	81-2	233	237	237	236	0.82	cps
Cadmium	108-1	190	220	197	202	7.79	cps
Cadmium	106-1	4774	4477	4251	4501	5.83	cps
Cadmium	111-1	5016	5067	4875	4986	2.00	cps
Calcium	43-1	594844	603455	603077	600459	0.81	cps
Calcium	44-1	9335676	9467082	9473187	9425315	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1326249	1307229	1295868	1309782	1.17	cps
Cobalt	59-2	829226	819419	821930	823525	0.62	cps
Copper	63-2	1561744	1536764	1479648	1526052	2.76	cps
Dysprosium	156-1	52414	52729	52701	52615	0.33	cps
Dysprosium	156-2	43357	43918	42009	43095	2.28	cps
Erbium	164-1	59978	60206	60658	60280	0.57	cps
Erbium	164-2	43013	43394	42531	42979	1.01	cps
Gadolinium	160-1	54937	55238	55038	55071	0.28	cps
Gadolinium	160-2	41093	41194	41578	41288	0.62	cps
Holmium	165-1	17957327	16775478	16302125	17011643	5.01	cps
Holmium	165-2	11622692	11526862	11571794	11573783	0.41	cps
Indium	115-1	14627177	13425462	13196885	13749841	5.59	cps
Indium	115-2	4924911	4962353	4921026	4936097	0.46	cps
Iron	56-2	749389296	740086069	740974469	743483278	0.69	cps
Iron	57-2	18470109	18338927	18190478	18333172	0.76	cps
Iron	54-2	40637454	40731070	40173079	40513867	0.74	cps
Krypton	83-1	293	340	317	317	7.37	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-11	Instrumnet Name :	P7
Client Sample ID :	MYCZJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:29:24	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	119879	120889	120350	120372	0.42	cps
Lead	207-1	103097	104589	104431	104039	0.79	cps
Lead	208-1	470265	475195	474212	473224	0.55	cps
Lithium	6-1	1986011	1876032	1834580	1898874	4.12	cps
Magnesium	24-2	29722835	29500744	29429301	29550960	0.52	cps
Manganese	55-2	10933897	11023230	10774359	10910495	1.16	cps
Molybdenum	94-1	10247	10107	10594	10316	2.43	cps
Molybdenum	95-1	2564	2437	2610	2537	3.54	cps
Molybdenum	96-1	12342	12202	12379	12308	0.76	cps
Molybdenum	97-1	1623	1617	1607	1616	0.52	cps
Molybdenum	98-1	3867	3640	3811	3773	3.13	cps
Neodymium	150-1	66955	67390	68297	67547	1.01	cps
Neodymium	150-2	42079	41815	42240	42045	0.51	cps
Nickel	60-2	388598	390192	387026	388606	0.41	cps
Phosphorus	31-2	27595	26830	27448	27291	1.49	cps
Potassium	39-2	1234486	1223267	1206931	1221561	1.13	cps
Rhodium	103-1	13371167	12519164	12263516	12717949	4.56	cps
Rhodium	103-2	7426693	7372444	7394919	7398019	0.37	cps
Scandium	45-1	9011296	8525067	8312040	8616134	4.16	cps
Scandium	45-2	764714	760263	753192	759390	0.77	cps
Selenium	82-1	681	586	603	623	8.11	cps
Selenium	77-2	153	160	113	142	17.75	cps
Selenium	78-2	543	673	583	600	11.10	cps
Silicon	28-1	12861380	13029510	13028897	12973262	0.75	cps
Silver	107-1	1403	1573	1520	1499	5.80	cps
Silver	109-1	1307	1387	1380	1358	3.27	cps
Sodium	23-2	237382	236103	235048	236177	0.49	cps
Strontium	86-1	283089	287114	283037	284413	0.82	cps
Strontium	88-1	2544700	2615642	2554900	2571747	1.49	cps
Sulfur	34-1	185069	179872	178569	181170	1.90	cps
Terbium	159-1	18469733	17200839	16853653	17508075	4.86	cps
Terbium	159-2	11640745	11669906	11632596	11647749	0.17	cps
Thallium	203-1	1290	1343	1290	1308	2.35	cps
Thallium	205-1	3020	3090	3017	3043	1.36	cps
Tin	118-1	2797	2750	2614	2720	3.50	cps
Titanium	47-1	955798	965131	956705	959211	0.54	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-11	Instrumnet Name :	P7
Client Sample ID :	MYCZJ9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:29:24	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13634	13574	13400	13536	0.90	cps
Vanadium	51-2	1894872	1864001	1855471	1871448	1.11	cps
Yttrium	89-1	18340043	16975468	16751641	17355718	4.95	cps
Yttrium	89-2	4794923	4770096	4698709	4754576	1.05	cps
Zinc	66-2	328949	325263	326734	326982	0.57	cps
Zirconium	90-1	23048	24073	23035	23385	2.55	cps
Zirconium	91-1	5181	5418	5461	5353	2.82	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-12	Instrumnet Name :	P7
Client Sample ID :	MYCZK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:32:34	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16177748	16241466	16137589	16185601	0.32	cps
Antimony	121-1	633	520	600	584	9.97	cps
Arsenic	75-2	40759	40351	40144	40418	0.77	cps
Barium	135-1	1245718	1245852	1236331	1242634	0.44	cps
Barium	137-1	2257811	2229137	2264598	2250516	0.84	cps
Beryllium	9-1	2300	2294	2257	2284	1.02	cps
Bismuth	209-1	9836812	9693397	9659286	9729832	0.97	cps
Bismuth	209-2	8035576	7946999	7989373	7990649	0.55	cps
Bromine	81-1	15692	16469	16436	16199	2.71	cps
Bromine	81-2	420	527	367	438	18.61	cps
Cadmium	108-1	340	237	290	289	17.89	cps
Cadmium	106-1	4931	4617	4621	4723	3.81	cps
Cadmium	111-1	5807	5583	5528	5640	2.62	cps
Calcium	43-1	1577509	1552112	1546838	1558820	1.05	cps
Calcium	44-1	25331066	25175022	24913386	25139825	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248077	245222	243769	245690	0.89	cps
Cobalt	59-2	491955	493651	492135	492580	0.19	cps
Copper	63-2	643968	642866	643131	643321	0.09	cps
Dysprosium	156-1	111000	112520	109204	110908	1.50	cps
Dysprosium	156-2	93176	95109	94028	94104	1.03	cps
Erbium	164-1	107741	106878	107066	107228	0.42	cps
Erbium	164-2	76709	76089	76016	76271	0.50	cps
Gadolinium	160-1	111106	110740	110908	110918	0.17	cps
Gadolinium	160-2	82618	83289	82199	82702	0.66	cps
Holmium	165-1	16446260	16437091	16291201	16391517	0.53	cps
Holmium	165-2	11732438	11620404	11549776	11634206	0.79	cps
Indium	115-1	13203599	13172594	12927183	13101125	1.16	cps
Indium	115-2	4949956	4911233	4895747	4918979	0.57	cps
Iron	56-2	459804486	460083620	457283233	459057113	0.34	cps
Iron	57-2	11388700	11423876	11383915	11398830	0.19	cps
Iron	54-2	25148351	25081065	24653094	24960837	1.08	cps
Krypton	83-1	393	397	377	389	2.76	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-12	Instrumnet Name :	P7
Client Sample ID :	MYCZK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:32:34	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	734155	734214	730476	732948	0.29	cps
Lead	207-1	683968	678479	672047	678165	0.88	cps
Lead	208-1	3002852	2988299	2975938	2989030	0.45	cps
Lithium	6-1	1888600	1842947	1866014	1865854	1.22	cps
Magnesium	24-2	13403455	13256278	13262732	13307488	0.63	cps
Manganese	55-2	13386243	13358864	13269330	13338145	0.46	cps
Molybdenum	94-1	51918	51433	51149	51500	0.76	cps
Molybdenum	95-1	1693	1623	1657	1658	2.11	cps
Molybdenum	96-1	14671	14130	14337	14379	1.90	cps
Molybdenum	97-1	873	847	830	850	2.57	cps
Molybdenum	98-1	1883	2007	2013	1968	3.72	cps
Neodymium	150-1	179585	177691	174752	177342	1.37	cps
Neodymium	150-2	108064	108624	108463	108384	0.27	cps
Nickel	60-2	99625	100104	99668	99799	0.27	cps
Phosphorus	31-2	36513	36343	35795	36217	1.04	cps
Potassium	39-2	2928242	2951038	2881407	2920229	1.22	cps
Rhodium	103-1	12286991	12187055	11931582	12135210	1.51	cps
Rhodium	103-2	7388585	7351653	7399972	7380070	0.34	cps
Scandium	45-1	7817472	7744038	7593556	7718355	1.48	cps
Scandium	45-2	688216	690523	685166	687968	0.39	cps
Selenium	82-1	782	660	707	717	8.58	cps
Selenium	77-2	280	287	310	292	5.39	cps
Selenium	78-2	843	827	807	826	2.22	cps
Silicon	28-1	19278378	19189201	18893724	19120434	1.05	cps
Silver	107-1	5271	4918	4994	5061	3.67	cps
Silver	109-1	4754	4474	4771	4666	3.57	cps
Sodium	23-2	170947	171617	169582	170716	0.61	cps
Strontium	86-1	371753	366901	364347	367667	1.02	cps
Strontium	88-1	3347518	3341379	3314019	3334305	0.53	cps
Sulfur	34-1	191963	194173	192951	193029	0.57	cps
Terbium	159-1	17170120	16903656	16675065	16916280	1.46	cps
Terbium	159-2	11527463	11671633	11617086	11605394	0.63	cps
Thallium	203-1	3947	3657	3764	3789	3.87	cps
Thallium	205-1	9357	9167	8860	9128	2.75	cps
Tin	118-1	2540	2464	2260	2421	5.98	cps
Titanium	47-1	334441	330689	333151	332760	0.57	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-12	Instrumnet Name :	P7
Client Sample ID :	MYCZK0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:32:34	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26370	26129	26256	26251	0.46	cps
Vanadium	51-2	733590	737717	735729	735679	0.28	cps
Yttrium	89-1	17089713	17296161	16913569	17099814	1.12	cps
Yttrium	89-2	4828326	4813198	4729455	4790326	1.11	cps
Zinc	66-2	317955	314545	314792	315764	0.60	cps
Zirconium	90-1	136527	136302	135767	136199	0.29	cps
Zirconium	91-1	30685	29991	30258	30311	1.16	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-13	Instrumnet Name :	P7
Client Sample ID :	MYCZK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:35:42	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5587806	5651197	5567270	5602091	0.78	cps
Antimony	121-1	430	410	400	413	3.70	cps
Arsenic	75-2	11908	11715	12108	11910	1.65	cps
Barium	135-1	583851	576832	573402	578028	0.92	cps
Barium	137-1	1000518	1000832	986861	996070	0.80	cps
Beryllium	9-1	1180	1123	1223	1176	4.27	cps
Bismuth	209-1	10100397	9873504	9784158	9919353	1.64	cps
Bismuth	209-2	8277931	8202217	8167191	8215780	0.69	cps
Bromine	81-1	16676	16786	16436	16633	1.08	cps
Bromine	81-2	327	330	323	327	1.02	cps
Cadmium	108-1	183	150	167	167	10.00	cps
Cadmium	106-1	4461	4084	4137	4227	4.82	cps
Cadmium	111-1	3851	3550	3626	3676	4.25	cps
Calcium	43-1	621275	613336	610391	615001	0.92	cps
Calcium	44-1	9875901	9630339	9531407	9679216	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146834	146881	147032	146915	0.07	cps
Cobalt	59-2	182447	182188	181021	181885	0.42	cps
Copper	63-2	277323	275913	274977	276071	0.43	cps
Dysprosium	156-1	58304	57507	56479	57430	1.59	cps
Dysprosium	156-2	49972	49992	50076	50013	0.11	cps
Erbium	164-1	51591	50494	50702	50929	1.14	cps
Erbium	164-2	36966	36187	36671	36608	1.07	cps
Gadolinium	160-1	56480	56135	54987	55868	1.40	cps
Gadolinium	160-2	41765	41906	41816	41829	0.17	cps
Holmium	165-1	16898796	16362993	16220001	16493930	2.17	cps
Holmium	165-2	11828477	11646539	11612646	11695887	0.99	cps
Indium	115-1	13465265	13312142	13037849	13271752	1.63	cps
Indium	115-2	5078718	4984836	4923260	4995604	1.57	cps
Iron	56-2	182660031	183216397	183007497	182961308	0.15	cps
Iron	57-2	4560224	4483922	4511539	4518562	0.85	cps
Iron	54-2	9965930	9932203	9968485	9955539	0.20	cps
Krypton	83-1	303	293	277	291	4.63	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-13	Instrumnet Name :	P7
Client Sample ID :	MYCZK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:35:42	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	195681	192943	191958	193527	1.00	cps
Lead	207-1	162991	164084	162870	163315	0.41	cps
Lead	208-1	753976	749283	740206	747822	0.94	cps
Lithium	6-1	1877039	1841865	1869754	1862886	1.00	cps
Magnesium	24-2	4951733	4993075	4913826	4952878	0.80	cps
Manganese	55-2	4380765	4417074	4415603	4404481	0.47	cps
Molybdenum	94-1	36492	35697	35393	35860	1.58	cps
Molybdenum	95-1	1650	1617	1567	1611	2.60	cps
Molybdenum	96-1	9777	9410	9350	9512	2.43	cps
Molybdenum	97-1	1063	987	970	1007	4.94	cps
Molybdenum	98-1	2317	2304	2330	2317	0.58	cps
Neodymium	150-1	100743	97930	98021	98898	1.62	cps
Neodymium	150-2	59120	58521	58896	58845	0.51	cps
Nickel	60-2	58657	59678	57981	58772	1.45	cps
Phosphorus	31-2	20400	20831	21298	20843	2.15	cps
Potassium	39-2	2053393	2033836	2066404	2051211	0.80	cps
Rhodium	103-1	12686193	12313011	12377383	12458862	1.60	cps
Rhodium	103-2	7585405	7465959	7507646	7519670	0.81	cps
Scandium	45-1	7739582	7490875	7418493	7549650	2.23	cps
Scandium	45-2	677015	670996	666487	671499	0.79	cps
Selenium	82-1	594	707	672	657	8.75	cps
Selenium	77-2	153	157	113	141	17.09	cps
Selenium	78-2	580	680	587	616	9.08	cps
Silicon	28-1	10181448	10024731	10003839	10070006	0.96	cps
Silver	107-1	943	1030	967	980	4.58	cps
Silver	109-1	863	807	793	821	4.53	cps
Sodium	23-2	127082	125845	125584	126170	0.63	cps
Strontium	86-1	164134	164241	162212	163529	0.70	cps
Strontium	88-1	1469954	1413372	1410698	1431341	2.34	cps
Sulfur	34-1	180394	183106	182327	181942	0.77	cps
Terbium	159-1	17164581	16895300	16930582	16996821	0.86	cps
Terbium	159-2	11725297	11624746	11377059	11575701	1.55	cps
Thallium	203-1	1937	1727	1877	1847	5.86	cps
Thallium	205-1	4684	4684	4738	4702	0.66	cps
Tin	118-1	4801	2080	2150	3011	51.53	cps
Titanium	47-1	418390	414856	412362	415203	0.73	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-13	Instrumnet Name :	P7
Client Sample ID :	MYCZK1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:35:42	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18152	18193	18116	18154	0.21	cps
Vanadium	51-2	333046	330405	330251	331234	0.47	cps
Yttrium	89-1	16661541	16251040	16126052	16346211	1.71	cps
Yttrium	89-2	4745235	4654449	4578335	4659340	1.79	cps
Zinc	66-2	101257	100260	101143	100886	0.54	cps
Zirconium	90-1	94900	94169	93840	94303	0.58	cps
Zirconium	91-1	21512	20935	20725	21057	1.94	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-14	Instrumnet Name :	P7
Client Sample ID :	MYCZK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:38:53	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15249858	15069896	15037390	15119048	0.76	cps
Antimony	121-1	340	290	333	321	8.45	cps
Arsenic	75-2	34861	34868	34691	34806	0.29	cps
Barium	135-1	1294313	1283735	1268791	1282280	1.00	cps
Barium	137-1	2364995	2321200	2296216	2327470	1.50	cps
Beryllium	9-1	2480	2450	2370	2434	2.34	cps
Bismuth	209-1	9952194	9756457	9715687	9808113	1.29	cps
Bismuth	209-2	8116409	8034930	7966917	8039419	0.93	cps
Bromine	81-1	16850	17334	17958	17380	3.20	cps
Bromine	81-2	627	677	660	654	3.89	cps
Cadmium	108-1	280	310	267	286	7.77	cps
Cadmium	106-1	4988	4888	4614	4830	4.00	cps
Cadmium	111-1	5592	5244	5100	5312	4.76	cps
Calcium	43-1	1818487	1812017	1800036	1810180	0.52	cps
Calcium	44-1	29662930	29282100	29333201	29426077	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	258296	254367	254750	255805	0.85	cps
Cobalt	59-2	442796	439217	440208	440740	0.42	cps
Copper	63-2	573367	569407	565748	569507	0.67	cps
Dysprosium	156-1	120081	119332	118511	119308	0.66	cps
Dysprosium	156-2	100117	103561	100147	101275	1.96	cps
Erbium	164-1	110150	109431	108164	109248	0.92	cps
Erbium	164-2	78525	77943	78653	78374	0.48	cps
Gadolinium	160-1	119447	118065	118129	118547	0.66	cps
Gadolinium	160-2	88557	87843	88108	88169	0.41	cps
Holmium	165-1	16616893	16291831	16196573	16368432	1.35	cps
Holmium	165-2	11748259	11597910	11615009	11653726	0.71	cps
Indium	115-1	13353103	13309481	13264585	13309056	0.33	cps
Indium	115-2	4957858	4874157	4923915	4918643	0.86	cps
Iron	56-2	422860674	421732740	417841714	420811709	0.63	cps
Iron	57-2	10461299	10380520	10402892	10414904	0.40	cps
Iron	54-2	23019825	22806097	22788298	22871407	0.56	cps
Krypton	83-1	380	363	430	391	8.87	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-14	Instrumnet Name :	P7
Client Sample ID :	MYCZK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:38:53	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	483395	479916	485555	482955	0.59	cps
Lead	207-1	439208	434354	431623	435062	0.88	cps
Lead	208-1	1957362	1933428	1932079	1940956	0.73	cps
Lithium	6-1	1862972	1886853	1857047	1868957	0.84	cps
Magnesium	24-2	12818859	12671630	12647374	12712621	0.73	cps
Manganese	55-2	11806660	11807063	11855614	11823112	0.24	cps
Molybdenum	94-1	53768	53598	52805	53390	0.96	cps
Molybdenum	95-1	1707	1597	1607	1637	3.72	cps
Molybdenum	96-1	15195	14998	14838	15010	1.19	cps
Molybdenum	97-1	990	910	917	939	4.73	cps
Molybdenum	98-1	2307	2317	2304	2309	0.30	cps
Neodymium	150-1	203716	202333	199058	201703	1.19	cps
Neodymium	150-2	121891	122681	121105	121892	0.65	cps
Nickel	60-2	103799	102443	102668	102970	0.71	cps
Phosphorus	31-2	34158	32989	33102	33416	1.93	cps
Potassium	39-2	2792610	2793272	2756128	2780670	0.76	cps
Rhodium	103-1	12417456	12198266	12028413	12214712	1.60	cps
Rhodium	103-2	7356794	7354127	7299966	7336962	0.44	cps
Scandium	45-1	7874018	7706649	7628086	7736251	1.62	cps
Scandium	45-2	688309	682242	680640	683730	0.59	cps
Selenium	82-1	815	791	748	785	4.34	cps
Selenium	77-2	400	320	363	361	11.09	cps
Selenium	78-2	683	890	827	800	13.24	cps
Silicon	28-1	16870219	16878991	16430597	16726603	1.53	cps
Silver	107-1	4191	4054	4351	4198	3.54	cps
Silver	109-1	4121	3961	3791	3957	4.17	cps
Sodium	23-2	434183	429238	429109	430844	0.67	cps
Strontium	86-1	429724	424803	421305	425277	0.99	cps
Strontium	88-1	3933201	3910991	3799001	3881064	1.85	cps
Sulfur	34-1	203388	206353	206479	205407	0.85	cps
Terbium	159-1	17456808	16952983	16965508	17125099	1.68	cps
Terbium	159-2	11617311	11642190	11610833	11623445	0.14	cps
Thallium	203-1	3617	3667	3617	3634	0.79	cps
Thallium	205-1	8573	8203	8386	8387	2.21	cps
Tin	118-1	2267	2030	2264	2187	6.21	cps
Titanium	47-1	246737	241642	241517	243299	1.22	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-14	Instrumnet Name :	P7
Client Sample ID :	MYCZK2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:38:53	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31277	30572	30107	30652	1.92	cps
Vanadium	51-2	648163	640953	643207	644108	0.57	cps
Yttrium	89-1	17633009	17159762	17029933	17274235	1.84	cps
Yttrium	89-2	4804281	4784099	4810687	4799689	0.29	cps
Zinc	66-2	269746	268119	265667	267844	0.77	cps
Zirconium	90-1	144032	141208	139410	141550	1.65	cps
Zirconium	91-1	32336	31611	31718	31888	1.23	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-15	Instrumnet Name :	P7
Client Sample ID :	MYCZK3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:42:01	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13092100	12950704	12912043	12984949	0.73	cps
Antimony	121-1	277	237	277	263	8.77	cps
Arsenic	75-2	25345	25248	25679	25424	0.89	cps
Barium	135-1	1350223	1333811	1316552	1333528	1.26	cps
Barium	137-1	2459590	2402583	2389925	2417366	1.54	cps
Beryllium	9-1	2154	2194	2180	2176	0.94	cps
Bismuth	209-1	9989781	9903619	9816000	9903133	0.88	cps
Bismuth	209-2	8168127	8227192	8133600	8176306	0.58	cps
Bromine	81-1	17230	16823	17150	17068	1.26	cps
Bromine	81-2	427	440	443	437	2.02	cps
Cadmium	108-1	180	233	247	220	16.04	cps
Cadmium	106-1	4854	4814	4431	4700	4.97	cps
Cadmium	111-1	5055	5013	4562	4877	5.61	cps
Calcium	43-1	1295109	1257547	1246535	1266397	2.01	cps
Calcium	44-1	20842154	20194554	20108238	20381649	1.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	219733	221015	218320	219690	0.61	cps
Cobalt	59-2	407008	404397	402220	404542	0.59	cps
Copper	63-2	522353	523940	521061	522451	0.28	cps
Dysprosium	156-1	119630	118088	116317	118012	1.40	cps
Dysprosium	156-2	102780	102225	102080	102362	0.36	cps
Erbium	164-1	106340	105236	104611	105396	0.83	cps
Erbium	164-2	76223	76923	74202	75783	1.86	cps
Gadolinium	160-1	116103	116116	114385	115535	0.86	cps
Gadolinium	160-2	86642	86156	85173	85991	0.87	cps
Holmium	165-1	16992148	16629398	16332187	16651244	1.98	cps
Holmium	165-2	11810539	11823578	11804076	11812731	0.08	cps
Indium	115-1	13565629	13128543	13267536	13320569	1.68	cps
Indium	115-2	4948744	4970528	4949841	4956371	0.25	cps
Iron	56-2	382967048	382100888	380174554	381747497	0.37	cps
Iron	57-2	9498094	9463209	9415705	9459003	0.44	cps
Iron	54-2	20962905	20852991	20742438	20852778	0.53	cps
Krypton	83-1	467	383	397	416	10.77	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-15	Instrumnet Name :	P7
Client Sample ID :	MYCZK3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:42:01	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	343548	342558	337608	341238	0.93	cps
Lead	207-1	293632	289144	289139	290638	0.89	cps
Lead	208-1	1338113	1327538	1319991	1328547	0.69	cps
Lithium	6-1	1926956	1848915	1872464	1882778	2.13	cps
Magnesium	24-2	11615586	11497402	11406219	11506402	0.91	cps
Manganese	55-2	11500943	11539867	11564987	11535266	0.28	cps
Molybdenum	94-1	41502	40640	39613	40585	2.33	cps
Molybdenum	95-1	2104	2150	2094	2116	1.43	cps
Molybdenum	96-1	13156	12706	12562	12808	2.42	cps
Molybdenum	97-1	1203	1220	1153	1192	2.91	cps
Molybdenum	98-1	2547	2677	2837	2687	5.41	cps
Neodymium	150-1	200782	197872	195105	197920	1.43	cps
Neodymium	150-2	121521	121579	119945	121015	0.77	cps
Nickel	60-2	101047	101987	101366	101467	0.47	cps
Phosphorus	31-2	45043	44859	44387	44763	0.76	cps
Potassium	39-2	2878897	2859960	2819955	2852937	1.05	cps
Rhodium	103-1	12559991	12203074	12176353	12313139	1.74	cps
Rhodium	103-2	7509190	7466889	7463924	7480001	0.34	cps
Scandium	45-1	7883113	7671376	7582008	7712166	2.01	cps
Scandium	45-2	681046	679074	677588	679236	0.26	cps
Selenium	82-1	715	786	722	741	5.28	cps
Selenium	77-2	320	343	333	332	3.52	cps
Selenium	78-2	907	800	803	837	7.25	cps
Silicon	28-1	12479899	12391347	12284118	12385121	0.79	cps
Silver	107-1	2270	2054	2200	2175	5.09	cps
Silver	109-1	1887	1837	1980	1901	3.83	cps
Sodium	23-2	228192	226230	227854	227426	0.46	cps
Strontium	86-1	503400	498098	492549	498015	1.09	cps
Strontium	88-1	4489946	4496237	4482817	4489667	0.15	cps
Sulfur	34-1	201702	199971	200372	200682	0.45	cps
Terbium	159-1	17319360	17127384	16854348	17100364	1.37	cps
Terbium	159-2	11760805	11784783	11712698	11752762	0.31	cps
Thallium	203-1	3657	3510	3397	3522	3.70	cps
Thallium	205-1	8666	7859	8146	8224	4.98	cps
Tin	118-1	2930	3060	2907	2966	2.79	cps
Titanium	47-1	249412	248945	246658	248339	0.59	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-15	Instrumnet Name :	P7
Client Sample ID :	MYCZK3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:42:01	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29419	29212	28855	29162	0.98	cps
Vanadium	51-2	580844	573864	577012	577240	0.61	cps
Yttrium	89-1	17601041	17230741	17122920	17318234	1.45	cps
Yttrium	89-2	4923383	4884829	4829549	4879254	0.97	cps
Zinc	66-2	216324	215326	215725	215792	0.23	cps
Zirconium	90-1	106556	105790	105130	105825	0.67	cps
Zirconium	91-1	23676	24120	23025	23607	2.33	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-16	Instrumnet Name :	P7
Client Sample ID :	MYCZK4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:45:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14515766	14530692	14374343	14473600	0.60	cps
Antimony	121-1	237	263	240	247	5.89	cps
Arsenic	75-2	26564	25989	25936	26163	1.33	cps
Barium	135-1	1247585	1244775	1229287	1240549	0.79	cps
Barium	137-1	2304636	2248223	2217907	2256922	1.95	cps
Beryllium	9-1	2347	2164	2250	2254	4.07	cps
Bismuth	209-1	10139669	9871360	9759683	9923571	1.97	cps
Bismuth	209-2	8119760	8143944	8162362	8142022	0.26	cps
Bromine	81-1	17020	16990	17110	17040	0.37	cps
Bromine	81-2	577	557	587	573	2.66	cps
Cadmium	108-1	290	233	260	261	10.86	cps
Cadmium	106-1	4801	4721	4637	4720	1.73	cps
Cadmium	111-1	4928	4868	4688	4828	2.59	cps
Calcium	43-1	1207088	1186871	1163917	1185959	1.82	cps
Calcium	44-1	19607686	19251790	18916157	19258544	1.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	233073	234610	232038	233241	0.55	cps
Cobalt	59-2	410877	407943	408796	409205	0.37	cps
Copper	63-2	569798	568182	565256	567745	0.41	cps
Dysprosium	156-1	122361	119890	119059	120437	1.43	cps
Dysprosium	156-2	101825	101486	102339	101884	0.42	cps
Erbium	164-1	110956	111366	110721	111014	0.29	cps
Erbium	164-2	79139	78378	78770	78762	0.48	cps
Gadolinium	160-1	120056	120163	118825	119681	0.62	cps
Gadolinium	160-2	89158	89201	88641	89000	0.35	cps
Holmium	165-1	16772180	16220878	16178920	16390659	2.02	cps
Holmium	165-2	11775425	11686153	11825026	11762201	0.60	cps
Indium	115-1	13562199	13211890	13069603	13281231	1.91	cps
Indium	115-2	4986867	4918290	4935562	4946906	0.72	cps
Iron	56-2	416533794	414408860	412155954	414366203	0.53	cps
Iron	57-2	10343611	10349545	10296091	10329749	0.28	cps
Iron	54-2	22775489	22529981	22598942	22634804	0.56	cps
Krypton	83-1	387	330	367	361	7.96	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-16	Instrumnet Name :	P7
Client Sample ID :	MYCZK4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:45:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	283085	277803	278062	279650	1.06	cps
Lead	207-1	241137	236898	238561	238865	0.89	cps
Lead	208-1	1100706	1081250	1080565	1087507	1.05	cps
Lithium	6-1	1915310	1869872	1838030	1874404	2.07	cps
Magnesium	24-2	12969576	12796906	12695821	12820767	1.08	cps
Manganese	55-2	11470670	11411177	11398981	11426942	0.34	cps
Molybdenum	94-1	56719	56264	55424	56136	1.17	cps
Molybdenum	95-1	1803	1703	1740	1749	2.89	cps
Molybdenum	96-1	15478	15055	15201	15245	1.41	cps
Molybdenum	97-1	1047	1057	990	1031	3.49	cps
Molybdenum	98-1	2630	2310	2487	2476	6.48	cps
Neodymium	150-1	205137	204190	200257	203195	1.27	cps
Neodymium	150-2	124494	122480	122385	123120	0.97	cps
Nickel	60-2	103275	103487	103118	103293	0.18	cps
Phosphorus	31-2	45069	44297	44140	44502	1.12	cps
Potassium	39-2	2800304	2787657	2764564	2784175	0.65	cps
Rhodium	103-1	12468634	12106454	12089891	12221660	1.75	cps
Rhodium	103-2	7436624	7386147	7367567	7396779	0.48	cps
Scandium	45-1	7878783	7626979	7521033	7675598	2.39	cps
Scandium	45-2	684626	680925	679825	681792	0.37	cps
Selenium	82-1	795	870	707	791	10.29	cps
Selenium	77-2	343	360	340	348	3.08	cps
Selenium	78-2	807	750	790	782	3.72	cps
Silicon	28-1	6793641	6681652	6573143	6682812	1.65	cps
Silver	107-1	2157	2060	1927	2048	5.64	cps
Silver	109-1	1820	1673	1823	1772	4.83	cps
Sodium	23-2	257224	256424	253469	255706	0.77	cps
Strontium	86-1	529311	523280	517511	523368	1.13	cps
Strontium	88-1	4796509	4699416	4635486	4710470	1.72	cps
Sulfur	34-1	199170	198829	196462	198153	0.74	cps
Terbium	159-1	17307455	17026646	16718140	17017413	1.73	cps
Terbium	159-2	11777836	11595173	11736451	11703153	0.82	cps
Thallium	203-1	3510	3737	3420	3556	4.59	cps
Thallium	205-1	8626	8409	8203	8413	2.52	cps
Tin	118-1	2970	2787	2730	2829	4.43	cps
Titanium	47-1	237177	234328	232438	234647	1.02	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-16	Instrumnet Name :	P7
Client Sample ID :	MYCZK4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:45:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29970	29372	29767	29703	1.02	cps
Vanadium	51-2	604812	599353	596182	600116	0.73	cps
Yttrium	89-1	17606046	17313767	17144063	17354625	1.35	cps
Yttrium	89-2	4877167	4827234	4841824	4848742	0.53	cps
Zinc	66-2	226596	228803	228140	227846	0.50	cps
Zirconium	90-1	152324	151327	149653	151102	0.89	cps
Zirconium	91-1	33996	33595	32860	33484	1.72	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-17	Instrumnet Name :	P7
Client Sample ID :	MYCZK5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:48:18	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13272211	13126839	13255951	13218334	0.60	cps
Antimony	121-1	400	367	400	389	4.95	cps
Arsenic	75-2	31727	31533	32051	31771	0.82	cps
Barium	135-1	1303854	1283378	1271933	1286388	1.26	cps
Barium	137-1	2393186	2322545	2307783	2341171	1.95	cps
Beryllium	9-1	2177	2067	2194	2146	3.21	cps
Bismuth	209-1	9978043	9830028	9529107	9779059	2.34	cps
Bismuth	209-2	8198991	8011309	8015076	8075125	1.33	cps
Bromine	81-1	17777	17497	18425	17900	2.66	cps
Bromine	81-2	557	523	467	516	8.83	cps
Cadmium	108-1	300	307	260	289	8.74	cps
Cadmium	106-1	4894	4981	4701	4859	2.95	cps
Cadmium	111-1	5116	5169	4902	5062	2.79	cps
Calcium	43-1	1244176	1201831	1231331	1225779	1.77	cps
Calcium	44-1	19954166	19700918	19857894	19837659	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	219260	219179	217373	218604	0.49	cps
Cobalt	59-2	410852	407030	408496	408793	0.47	cps
Copper	63-2	531102	522014	523494	525537	0.93	cps
Dysprosium	156-1	118114	117328	117573	117672	0.34	cps
Dysprosium	156-2	100389	97867	98855	99037	1.28	cps
Erbium	164-1	105893	105548	103617	105019	1.17	cps
Erbium	164-2	75110	73783	75412	74768	1.16	cps
Gadolinium	160-1	116187	115440	115390	115672	0.39	cps
Gadolinium	160-2	86025	85455	85730	85737	0.33	cps
Holmium	165-1	16729383	16227321	16128499	16361734	1.97	cps
Holmium	165-2	11691891	11590285	11639448	11640541	0.44	cps
Indium	115-1	13411581	13225156	12962048	13199595	1.71	cps
Indium	115-2	4921510	4883697	4879705	4894971	0.47	cps
Iron	56-2	394924287	390999488	387759874	391227883	0.92	cps
Iron	57-2	9678222	9655083	9578567	9637291	0.54	cps
Iron	54-2	21434326	21330177	21191740	21318747	0.57	cps
Krypton	83-1	407	357	340	368	9.43	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-17	Instrumnet Name :	P7
Client Sample ID :	MYCZK5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:48:18	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	401553	397561	392654	397256	1.12	cps
Lead	207-1	345336	339479	338504	341106	1.08	cps
Lead	208-1	1568894	1546167	1536714	1550592	1.07	cps
Lithium	6-1	1917881	1850876	1860283	1876346	1.93	cps
Magnesium	24-2	11573241	11381157	11433182	11462527	0.87	cps
Manganese	55-2	11783661	11712049	11583761	11693157	0.87	cps
Molybdenum	94-1	50861	49597	49931	50130	1.31	cps
Molybdenum	95-1	2257	2294	2074	2208	5.34	cps
Molybdenum	96-1	14741	14551	14644	14645	0.65	cps
Molybdenum	97-1	1140	1290	1273	1235	6.66	cps
Molybdenum	98-1	3257	3054	3037	3116	3.93	cps
Neodymium	150-1	196333	195858	195073	195755	0.33	cps
Neodymium	150-2	118492	118469	117908	118290	0.28	cps
Nickel	60-2	93385	93828	93355	93523	0.28	cps
Phosphorus	31-2	39437	38706	38846	38996	1.00	cps
Potassium	39-2	2561164	2556116	2569100	2562126	0.26	cps
Rhodium	103-1	12413929	12284571	12124472	12274324	1.18	cps
Rhodium	103-2	7470152	7412903	7290877	7391311	1.24	cps
Scandium	45-1	7746322	7620687	7581532	7649514	1.13	cps
Scandium	45-2	681654	671228	670702	674528	0.92	cps
Selenium	82-1	688	704	733	708	3.19	cps
Selenium	77-2	333	333	297	321	6.59	cps
Selenium	78-2	760	913	810	828	9.45	cps
Silicon	28-1	16172689	16044182	15816218	16011030	1.13	cps
Silver	107-1	2924	2834	2674	2810	4.51	cps
Silver	109-1	2447	2530	2540	2506	2.05	cps
Sodium	23-2	274438	270672	271591	272234	0.72	cps
Strontium	86-1	420449	415544	412301	416098	0.99	cps
Strontium	88-1	3848856	3786587	3693637	3776360	2.07	cps
Sulfur	34-1	203415	204266	204850	204177	0.35	cps
Terbium	159-1	17242393	16976417	16903825	17040878	1.05	cps
Terbium	159-2	11661268	11682411	11563552	11635744	0.54	cps
Thallium	203-1	3540	3557	3701	3599	2.44	cps
Thallium	205-1	8669	8693	7952	8438	4.99	cps
Tin	118-1	2220	2104	2037	2120	4.38	cps
Titanium	47-1	602937	595686	591426	596683	0.98	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-17	Instrumnet Name :	P7
Client Sample ID :	MYCZK5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:48:18	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30298	30131	30528	30319	0.66	cps
Vanadium	51-2	639489	634053	632913	635485	0.55	cps
Yttrium	89-1	17535246	17119578	16969257	17208027	1.70	cps
Yttrium	89-2	4844775	4799293	4717147	4787071	1.35	cps
Zinc	66-2	224817	221640	223096	223184	0.71	cps
Zirconium	90-1	132087	130463	129885	130811	0.87	cps
Zirconium	91-1	29887	28979	29409	29425	1.54	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-18	Instrumnet Name :	P7
Client Sample ID :	MYCZK6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:51:26	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11251804	11108516	11224541	11194954	0.68	cps
Antimony	121-1	293	263	297	284	6.45	cps
Arsenic	75-2	19136	19069	18552	18919	1.69	cps
Barium	135-1	1960161	1954276	1894581	1936339	1.87	cps
Barium	137-1	3389850	3371222	3301355	3354142	1.39	cps
Beryllium	9-1	2900	2954	2837	2897	2.02	cps
Bismuth	209-1	9951341	9789923	9651856	9797707	1.53	cps
Bismuth	209-2	8109312	8159969	8137554	8135612	0.31	cps
Bromine	81-1	18742	18655	18545	18647	0.53	cps
Bromine	81-2	957	847	827	877	7.99	cps
Cadmium	108-1	310	247	283	280	11.36	cps
Cadmium	106-1	4941	4791	4611	4781	3.46	cps
Cadmium	111-1	4622	4518	4409	4516	2.35	cps
Calcium	43-1	871933	853557	851498	858996	1.31	cps
Calcium	44-1	13788601	13353631	13316132	13486121	1.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243880	242577	241071	242509	0.58	cps
Cobalt	59-2	247105	245983	245018	246036	0.42	cps
Copper	63-2	367444	363153	365183	365260	0.59	cps
Dysprosium	156-1	142581	139037	137060	139559	2.00	cps
Dysprosium	156-2	122223	121742	121786	121917	0.22	cps
Erbium	164-1	119019	115566	115543	116709	1.71	cps
Erbium	164-2	83481	83484	83051	83339	0.30	cps
Gadolinium	160-1	136746	136258	133287	135430	1.38	cps
Gadolinium	160-2	101819	102656	100604	101693	1.01	cps
Holmium	165-1	16790195	16393017	16197564	16460259	1.83	cps
Holmium	165-2	11740901	11623797	11594269	11652989	0.67	cps
Indium	115-1	13360476	13140764	12980206	13160482	1.45	cps
Indium	115-2	4984889	4903561	4897741	4928730	0.99	cps
Iron	56-2	250827343	247593230	248725456	249048676	0.66	cps
Iron	57-2	6158871	6146158	6131269	6145433	0.22	cps
Iron	54-2	13719114	13520417	13611588	13617040	0.73	cps
Krypton	83-1	360	453	417	410	11.47	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-18	Instrumnet Name :	P7
Client Sample ID :	MYCZK6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:51:26	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	277202	272953	268715	272956	1.55	cps
Lead	207-1	230307	226385	223712	226801	1.46	cps
Lead	208-1	1060209	1047493	1034583	1047428	1.22	cps
Lithium	6-1	1834815	1865618	1859104	1853179	0.88	cps
Magnesium	24-2	8793743	8713674	8750748	8752721	0.46	cps
Manganese	55-2	7234399	7090896	7144044	7156446	1.01	cps
Molybdenum	94-1	81596	81398	79893	80962	1.15	cps
Molybdenum	95-1	1510	1560	1457	1509	3.43	cps
Molybdenum	96-1	17748	17707	17297	17584	1.42	cps
Molybdenum	97-1	983	1013	953	983	3.05	cps
Molybdenum	98-1	2274	2347	2147	2256	4.49	cps
Neodymium	150-1	254829	252700	252235	253255	0.55	cps
Neodymium	150-2	154035	153590	152364	153329	0.56	cps
Nickel	60-2	102014	101433	101142	101529	0.44	cps
Phosphorus	31-2	34923	34181	34382	34496	1.11	cps
Potassium	39-2	3081554	3086386	3059986	3075975	0.46	cps
Rhodium	103-1	12471284	12224321	12165299	12286968	1.32	cps
Rhodium	103-2	7379287	7356653	7309457	7348466	0.48	cps
Scandium	45-1	7711708	7481472	7526289	7573156	1.61	cps
Scandium	45-2	668896	663883	665958	666245	0.38	cps
Selenium	82-1	783	653	639	692	11.51	cps
Selenium	77-2	423	423	410	419	1.84	cps
Selenium	78-2	927	840	813	860	6.89	cps
Silicon	28-1	15962697	15852641	15676739	15830692	0.91	cps
Silver	107-1	1857	1927	1880	1888	1.89	cps
Silver	109-1	1657	1577	1763	1666	5.62	cps
Sodium	23-2	129852	126830	127942	128208	1.19	cps
Strontium	86-1	536906	527127	521123	528385	1.51	cps
Strontium	88-1	4869480	4734626	4720988	4775032	1.72	cps
Sulfur	34-1	188935	188112	187559	188202	0.37	cps
Terbium	159-1	17308019	16968004	16696001	16990675	1.80	cps
Terbium	159-2	11622344	11552361	11423927	11532877	0.87	cps
Thallium	203-1	2980	2960	2984	2975	0.42	cps
Thallium	205-1	7132	7365	6989	7162	2.66	cps
Tin	118-1	2144	1970	2274	2129	7.15	cps
Titanium	47-1	107911	104726	103940	105526	1.99	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-18	Instrumnet Name :	P7
Client Sample ID :	MYCZK6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:51:26	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33114	32957	33014	33029	0.24	cps
Vanadium	51-2	369155	362821	362115	364697	1.06	cps
Yttrium	89-1	17440368	17152393	16952303	17181688	1.43	cps
Yttrium	89-2	4856676	4890421	4811046	4852714	0.82	cps
Zinc	66-2	162816	162493	162746	162685	0.10	cps
Zirconium	90-1	218650	215619	214998	216422	0.90	cps
Zirconium	91-1	49119	48145	47406	48223	1.78	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-19	Instrumnet Name :	P7
Client Sample ID :	MYCZK7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:54:33	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9393683	9444859	9363138	9400560	0.44	cps
Antimony	121-1	763	657	633	684	10.13	cps
Arsenic	75-2	21966	22811	22687	22488	2.03	cps
Barium	135-1	1422760	1411294	1394073	1409376	1.02	cps
Barium	137-1	2610104	2597059	2504418	2570527	2.24	cps
Beryllium	9-1	2574	2550	2587	2570	0.72	cps
Bismuth	209-1	10094236	9809715	9765073	9889675	1.81	cps
Bismuth	209-2	8340554	7981152	8039134	8120280	2.38	cps
Bromine	81-1	18575	17844	18672	18364	2.46	cps
Bromine	81-2	857	847	797	833	3.86	cps
Cadmium	108-1	527	563	587	559	5.41	cps
Cadmium	106-1	5534	5634	5548	5572	0.97	cps
Cadmium	111-1	5382	5507	5500	5463	1.28	cps
Calcium	43-1	1015183	1001942	1001574	1006233	0.77	cps
Calcium	44-1	15966334	15708129	15651936	15775466	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	239556	239495	237894	238982	0.39	cps
Cobalt	59-2	212897	212667	211870	212478	0.25	cps
Copper	63-2	455189	455663	453132	454661	0.30	cps
Dysprosium	156-1	119267	116885	116252	117468	1.35	cps
Dysprosium	156-2	104011	102826	101745	102861	1.10	cps
Erbium	164-1	99974	96795	96591	97787	1.94	cps
Erbium	164-2	69545	69910	68627	69361	0.95	cps
Gadolinium	160-1	113539	113035	111741	112771	0.82	cps
Gadolinium	160-2	84694	83735	83926	84118	0.60	cps
Holmium	165-1	16880649	16327383	16017152	16408394	2.67	cps
Holmium	165-2	11692786	11472780	11502290	11555952	1.03	cps
Indium	115-1	13559932	13034143	12821116	13138397	2.89	cps
Indium	115-2	4882565	4855280	4870377	4869407	0.28	cps
Iron	56-2	233598957	233613410	230386737	232533034	0.80	cps
Iron	57-2	5748272	5718800	5700598	5722557	0.42	cps
Iron	54-2	12766171	12623626	12598509	12662768	0.71	cps
Krypton	83-1	360	420	340	373	11.15	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-19	Instrumnet Name :	P7
Client Sample ID :	MYCZK7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:54:33	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	618374	623269	613596	618413	0.78	cps
Lead	207-1	531572	534996	524694	530421	0.99	cps
Lead	208-1	2426321	2436962	2400925	2421403	0.76	cps
Lithium	6-1	1941505	1838737	1860347	1880196	2.88	cps
Magnesium	24-2	8015123	7980534	7956890	7984182	0.37	cps
Manganese	55-2	6154506	6112440	6083111	6116686	0.59	cps
Molybdenum	94-1	187382	186917	183919	186073	1.01	cps
Molybdenum	95-1	2587	2564	2440	2530	3.12	cps
Molybdenum	96-1	36542	35794	35593	35977	1.39	cps
Molybdenum	97-1	1410	1497	1497	1468	3.41	cps
Molybdenum	98-1	3787	3857	3851	3832	1.01	cps
Neodymium	150-1	216805	213999	211087	213964	1.34	cps
Neodymium	150-2	128499	129225	128499	128741	0.33	cps
Nickel	60-2	94126	95545	94730	94800	0.75	cps
Phosphorus	31-2	40928	41743	41276	41316	0.99	cps
Potassium	39-2	5048134	5052831	5071538	5057501	0.24	cps
Rhodium	103-1	12544763	12277850	11976603	12266405	2.32	cps
Rhodium	103-2	7312019	7313265	7257068	7294117	0.44	cps
Scandium	45-1	7661244	7426187	7370383	7485938	2.06	cps
Scandium	45-2	655387	657841	649869	654366	0.62	cps
Selenium	82-1	745	629	697	690	8.41	cps
Selenium	77-2	350	340	343	344	1.48	cps
Selenium	78-2	683	817	847	782	11.12	cps
Silicon	28-1	15778302	15511489	15247795	15512528	1.71	cps
Silver	107-1	3764	4001	3694	3819	4.21	cps
Silver	109-1	3377	3490	3470	3446	1.76	cps
Sodium	23-2	118955	117702	117007	117888	0.84	cps
Strontium	86-1	474768	469897	463037	469234	1.26	cps
Strontium	88-1	4198044	4249477	4160468	4202663	1.06	cps
Sulfur	34-1	219578	221464	221957	221000	0.57	cps
Terbium	159-1	17292978	16907543	16750661	16983727	1.64	cps
Terbium	159-2	11520102	11520459	11504179	11514914	0.08	cps
Thallium	203-1	2664	2864	2810	2779	3.73	cps
Thallium	205-1	6742	6712	6195	6549	4.69	cps
Tin	118-1	4751	4394	4481	4542	4.10	cps
Titanium	47-1	83160	81461	80563	81728	1.61	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5189-19	Instrumnet Name :	P7
Client Sample ID :	MYCZK7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:54:33	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30522	31517	30161	30733	2.29	cps
Vanadium	51-2	342005	341385	337738	340376	0.68	cps
Yttrium	89-1	17234099	16678087	16545666	16819284	2.17	cps
Yttrium	89-2	4704741	4760820	4699312	4721624	0.72	cps
Zinc	66-2	225807	227283	224935	226009	0.53	cps
Zirconium	90-1	505244	502314	494688	500749	1.09	cps
Zirconium	91-1	112947	112352	110599	111966	1.09	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-01	Instrumnet Name :	P7
Client Sample ID :	MYCZK9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:57:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10053570	9985712	9961063	10000115	0.48	cps
Antimony	121-1	5168	5324	5454	5315	2.70	cps
Arsenic	75-2	26323	25749	26043	26038	1.10	cps
Barium	135-1	1230394	1224494	1225057	1226648	0.27	cps
Barium	137-1	2237311	2258721	2215105	2237046	0.97	cps
Beryllium	9-1	2430	2387	2250	2356	3.99	cps
Bismuth	209-1	9693875	9696248	9632793	9674305	0.37	cps
Bismuth	209-2	7942588	8047501	7996719	7995603	0.66	cps
Bromine	81-1	17701	17757	17724	17727	0.16	cps
Bromine	81-2	663	537	690	630	13.00	cps
Cadmium	108-1	310	370	370	350	9.90	cps
Cadmium	106-1	4747	4577	4257	4527	5.50	cps
Cadmium	111-1	5083	4989	4798	4957	2.93	cps
Calcium	43-1	529932	528053	520686	526224	0.93	cps
Calcium	44-1	8324264	8143824	8223373	8230487	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241433	240633	239913	240660	0.32	cps
Cobalt	59-2	231546	229803	230023	230457	0.41	cps
Copper	63-2	485292	480553	478833	481560	0.69	cps
Dysprosium	156-1	120723	119812	119224	119920	0.63	cps
Dysprosium	156-2	103571	104810	105791	104724	1.06	cps
Erbium	164-1	101700	101159	101062	101307	0.34	cps
Erbium	164-2	72376	71321	71827	71841	0.73	cps
Gadolinium	160-1	116556	115891	115471	115972	0.47	cps
Gadolinium	160-2	87612	86565	87122	87100	0.60	cps
Holmium	165-1	16144474	16091993	16048891	16095119	0.30	cps
Holmium	165-2	11379124	11290500	11284400	11318008	0.47	cps
Indium	115-1	12951276	12840957	12564501	12785578	1.56	cps
Indium	115-2	4798468	4838979	4713193	4783547	1.34	cps
Iron	56-2	327110562	325266095	322633049	325003235	0.69	cps
Iron	57-2	8114661	8120748	8034970	8090126	0.59	cps
Iron	54-2	17819747	17587582	17752977	17720102	0.67	cps
Krypton	83-1	387	383	357	376	4.38	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-01	Instrumnet Name :	P7
Client Sample ID :	MYCZK9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:57:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	455224	457171	454189	455528	0.33	cps
Lead	207-1	389034	385202	388554	387597	0.54	cps
Lead	208-1	1780875	1773416	1777460	1777250	0.21	cps
Lithium	6-1	1826480	1859736	1824251	1836822	1.08	cps
Magnesium	24-2	7370199	7324185	7342806	7345730	0.32	cps
Manganese	55-2	5978703	5939237	5960796	5959579	0.33	cps
Molybdenum	94-1	76817	77236	76629	76894	0.40	cps
Molybdenum	95-1	5781	6151	6051	5995	3.19	cps
Molybdenum	96-1	22534	22371	22234	22379	0.67	cps
Molybdenum	97-1	3814	3417	3817	3683	6.25	cps
Molybdenum	98-1	9697	9547	9420	9554	1.45	cps
Neodymium	150-1	213732	212315	211949	212665	0.44	cps
Neodymium	150-2	130464	128526	130595	129862	0.89	cps
Nickel	60-2	86487	87510	86048	86682	0.87	cps
Phosphorus	31-2	42900	42539	41269	42236	2.03	cps
Potassium	39-2	5432812	5412688	5352262	5399254	0.78	cps
Rhodium	103-1	12010201	11857034	11944951	11937396	0.64	cps
Rhodium	103-2	7269753	7162220	7139464	7190479	0.97	cps
Scandium	45-1	7386583	7326954	7252861	7322133	0.91	cps
Scandium	45-2	645948	644059	641082	643696	0.38	cps
Selenium	82-1	755	760	684	733	5.80	cps
Selenium	77-2	377	377	407	387	4.48	cps
Selenium	78-2	757	813	803	791	3.82	cps
Silicon	28-1	18994167	18869553	18728647	18864122	0.70	cps
Silver	107-1	3447	3510	3504	3487	1.00	cps
Silver	109-1	3237	3207	3060	3168	2.98	cps
Sodium	23-2	122690	122022	122620	122444	0.30	cps
Strontium	86-1	321090	319295	319072	319819	0.35	cps
Strontium	88-1	2920729	2881492	2864818	2889013	0.99	cps
Sulfur	34-1	201635	197307	193312	197418	2.11	cps
Terbium	159-1	16609909	16730983	16487971	16609621	0.73	cps
Terbium	159-2	11415064	11412473	11323470	11383669	0.46	cps
Thallium	203-1	3377	3387	3357	3374	0.45	cps
Thallium	205-1	8143	8052	8166	8120	0.74	cps
Tin	118-1	39882	40551	40367	40266	0.86	cps
Titanium	47-1	621904	616934	614834	617891	0.59	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-01	Instrumnet Name :	P7
Client Sample ID :	MYCZK9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 22:57:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35407	35337	35965	35570	0.97	cps
Vanadium	51-2	476077	475888	478523	476829	0.31	cps
Yttrium	89-1	16856871	16619563	16467090	16647841	1.18	cps
Yttrium	89-2	4648026	4645646	4639174	4644282	0.10	cps
Zinc	66-2	254725	251679	253538	253314	0.61	cps
Zirconium	90-1	200702	200261	199282	200082	0.36	cps
Zirconium	91-1	45420	45019	44256	44898	1.32	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-02	Instrumnet Name :	P7
Client Sample ID :	MYCZL0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:00:50	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9318634	9228115	9156062	9234270	0.88	cps
Antimony	121-1	6922	7302	7048	7091	2.73	cps
Arsenic	75-2	36458	36294	37183	36645	1.29	cps
Barium	135-1	1315269	1298511	1294548	1302776	0.84	cps
Barium	137-1	2432236	2396376	2343365	2390659	1.87	cps
Beryllium	9-1	2360	2330	2434	2375	2.24	cps
Bismuth	209-1	9915836	9513540	9511646	9647007	2.41	cps
Bismuth	209-2	8039322	8027292	8062673	8043096	0.22	cps
Bromine	81-1	18288	17527	18098	17971	2.20	cps
Bromine	81-2	750	720	733	734	2.05	cps
Cadmium	108-1	463	490	483	479	2.90	cps
Cadmium	106-1	4931	5064	4844	4946	2.24	cps
Cadmium	111-1	6354	6542	6316	6404	1.89	cps
Calcium	43-1	430188	430279	425469	428645	0.64	cps
Calcium	44-1	6770074	6760457	6742086	6757539	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	249646	246960	245889	247498	0.78	cps
Cobalt	59-2	278638	279350	279783	279257	0.21	cps
Copper	63-2	681387	679560	684945	681964	0.40	cps
Dysprosium	156-1	114620	115403	114166	114729	0.55	cps
Dysprosium	156-2	100261	100943	100466	100557	0.35	cps
Erbium	164-1	97091	94940	96608	96213	1.17	cps
Erbium	164-2	69327	68761	69575	69221	0.60	cps
Gadolinium	160-1	109423	108906	106612	108313	1.38	cps
Gadolinium	160-2	81783	80382	81860	81342	1.02	cps
Holmium	165-1	16632963	16157779	15831879	16207540	2.49	cps
Holmium	165-2	11472094	11503224	11488679	11487999	0.14	cps
Indium	115-1	13113706	12778125	12782415	12891416	1.49	cps
Indium	115-2	4860779	4787969	4756225	4801658	1.12	cps
Iron	56-2	348904141	349442515	345686155	348010937	0.58	cps
Iron	57-2	8650845	8582087	8607373	8613435	0.40	cps
Iron	54-2	18981655	18953161	18681107	18871975	0.88	cps
Krypton	83-1	333	290	333	319	7.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-02	Instrumnet Name :	P7
Client Sample ID :	MYCZL0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:00:50	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	859659	854578	845087	853108	0.87	cps
Lead	207-1	744031	743015	741746	742931	0.15	cps
Lead	208-1	3534706	3503424	3440820	3492983	1.37	cps
Lithium	6-1	1871843	1828633	1821712	1840729	1.48	cps
Magnesium	24-2	6319646	6287556	6250339	6285847	0.55	cps
Manganese	55-2	6540364	6486751	6455519	6494211	0.66	cps
Molybdenum	94-1	98797	97116	97153	97689	0.98	cps
Molybdenum	95-1	6058	5948	6191	6066	2.01	cps
Molybdenum	96-1	25990	26197	25726	25971	0.91	cps
Molybdenum	97-1	3887	3814	3667	3789	2.96	cps
Molybdenum	98-1	9623	9310	9443	9459	1.66	cps
Neodymium	150-1	201407	198257	195771	198478	1.42	cps
Neodymium	150-2	120382	120859	120977	120739	0.26	cps
Nickel	60-2	86571	86588	86343	86501	0.16	cps
Phosphorus	31-2	32919	32444	32191	32518	1.14	cps
Potassium	39-2	4885738	4902556	4868287	4885527	0.35	cps
Rhodium	103-1	12274587	11942530	11924827	12047315	1.64	cps
Rhodium	103-2	7327073	7239769	7228996	7265279	0.74	cps
Scandium	45-1	7513914	7260723	7310879	7361839	1.82	cps
Scandium	45-2	654260	649320	646381	649987	0.61	cps
Selenium	82-1	807	859	674	780	12.25	cps
Selenium	77-2	270	383	383	346	18.93	cps
Selenium	78-2	703	773	810	762	7.11	cps
Silicon	28-1	19766583	19366436	19283311	19472110	1.33	cps
Silver	107-1	9907	9767	9847	9840	0.71	cps
Silver	109-1	9190	9190	9123	9167	0.42	cps
Sodium	23-2	101602	101330	101189	101374	0.21	cps
Strontium	86-1	303724	301774	303400	302966	0.34	cps
Strontium	88-1	2731389	2736489	2744323	2737400	0.24	cps
Sulfur	34-1	184918	184057	184118	184364	0.26	cps
Terbium	159-1	17073344	16598605	16549466	16740471	1.73	cps
Terbium	159-2	11478718	11499617	11444694	11474343	0.24	cps
Thallium	203-1	4071	4094	3971	4045	1.62	cps
Thallium	205-1	9270	9397	9333	9333	0.68	cps
Tin	118-1	59616	59723	58532	59290	1.11	cps
Titanium	47-1	780505	771620	771583	774569	0.66	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-02	Instrumnet Name :	P7
Client Sample ID :	MYCZL0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:00:50	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42404	41351	41401	41718	1.42	cps
Vanadium	51-2	509731	508490	510423	509548	0.19	cps
Yttrium	89-1	16925649	16547639	16483474	16652254	1.43	cps
Yttrium	89-2	4647586	4645809	4700453	4664616	0.67	cps
Zinc	66-2	297477	295552	297582	296870	0.38	cps
Zirconium	90-1	255523	255849	256707	256026	0.24	cps
Zirconium	91-1	57495	57114	57081	57230	0.40	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-03	Instrumnet Name :	P7
Client Sample ID :	MYCZL1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:03:59	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8543402	8637108	8715779	8632096	1.00	cps
Antimony	121-1	7385	7325	7512	7408	1.29	cps
Arsenic	75-2	39005	40121	40050	39725	1.57	cps
Barium	135-1	835529	836933	838657	837040	0.19	cps
Barium	137-1	1449895	1465621	1448941	1454819	0.64	cps
Beryllium	9-1	1270	1383	1287	1313	4.66	cps
Bismuth	209-1	9845387	9565299	9424381	9611689	2.23	cps
Bismuth	209-2	8094682	7938238	7926916	7986612	1.17	cps
Bromine	81-1	17153	18034	17404	17531	2.59	cps
Bromine	81-2	393	443	490	442	10.93	cps
Cadmium	108-1	380	303	353	346	11.26	cps
Cadmium	106-1	4334	4354	4494	4394	1.98	cps
Cadmium	111-1	4578	4446	4519	4514	1.47	cps
Calcium	43-1	513303	517425	513361	514696	0.46	cps
Calcium	44-1	8074988	8193372	8224454	8164271	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	400645	402295	398500	400480	0.48	cps
Cobalt	59-2	375187	378019	377680	376962	0.41	cps
Copper	63-2	691529	694474	692833	692945	0.21	cps
Dysprosium	156-1	55800	55636	54843	55427	0.92	cps
Dysprosium	156-2	47717	48062	48289	48023	0.60	cps
Erbium	164-1	49531	49969	50246	49915	0.72	cps
Erbium	164-2	35572	36116	36477	36055	1.26	cps
Gadolinium	160-1	53361	54405	54395	54054	1.11	cps
Gadolinium	160-2	41170	40264	41150	40862	1.27	cps
Holmium	165-1	16505317	16042067	16041610	16196331	1.65	cps
Holmium	165-2	11498764	11448780	11477756	11475100	0.22	cps
Indium	115-1	13143920	12933447	12865940	12981102	1.12	cps
Indium	115-2	4853775	4879893	4870662	4868110	0.27	cps
Iron	56-2	309895002	308535642	307996282	308808975	0.32	cps
Iron	57-2	7660943	7591097	7701348	7651129	0.73	cps
Iron	54-2	16924052	17035639	16832834	16930842	0.60	cps
Krypton	83-1	283	270	223	259	12.17	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-03	Instrumnet Name :	P7
Client Sample ID :	MYCZL1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:03:59	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	256315	255659	255529	255834	0.16	cps
Lead	207-1	219059	217574	219442	218692	0.45	cps
Lead	208-1	1000004	999124	997020	998716	0.15	cps
Lithium	6-1	1879386	1820362	1840301	1846683	1.63	cps
Magnesium	24-2	8317675	8397367	8377717	8364253	0.50	cps
Manganese	55-2	6523664	6524345	6512180	6520063	0.10	cps
Molybdenum	94-1	62646	63567	62278	62831	1.06	cps
Molybdenum	95-1	6665	6558	6708	6644	1.16	cps
Molybdenum	96-1	20458	20581	19927	20322	1.71	cps
Molybdenum	97-1	4047	4067	3811	3975	3.59	cps
Molybdenum	98-1	10184	10414	10157	10251	1.38	cps
Neodymium	150-1	93715	91890	93105	92903	1.00	cps
Neodymium	150-2	56864	57142	56975	56993	0.25	cps
Nickel	60-2	133212	131911	132190	132437	0.52	cps
Phosphorus	31-2	22343	22380	22643	22455	0.73	cps
Potassium	39-2	3501608	3470888	3501837	3491444	0.51	cps
Rhodium	103-1	12142298	12087838	11950233	12060123	0.82	cps
Rhodium	103-2	7323476	7309036	7329494	7320669	0.14	cps
Scandium	45-1	7537528	7466267	7435884	7479893	0.70	cps
Scandium	45-2	659462	659952	659830	659748	0.04	cps
Selenium	82-1	661	613	692	655	6.06	cps
Selenium	77-2	167	187	163	172	7.33	cps
Selenium	78-2	693	663	683	680	2.25	cps
Silicon	28-1	15742119	15559404	15436483	15579335	0.99	cps
Silver	107-1	3144	3140	3274	3186	2.39	cps
Silver	109-1	2884	2847	2830	2854	0.96	cps
Sodium	23-2	227888	229474	229569	228977	0.41	cps
Strontium	86-1	273440	276237	274097	274591	0.53	cps
Strontium	88-1	2509154	2505548	2475235	2496646	0.75	cps
Sulfur	34-1	179362	184897	186456	183572	2.03	cps
Terbium	159-1	16857728	16672286	16678764	16736259	0.63	cps
Terbium	159-2	11519295	11524966	11340500	11461587	0.92	cps
Thallium	203-1	2527	2450	2364	2447	3.34	cps
Thallium	205-1	5921	5635	5925	5827	2.86	cps
Tin	118-1	13773	14391	13873	14013	2.36	cps
Titanium	47-1	666457	674231	668447	669712	0.60	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-03	Instrumnet Name :	P7
Client Sample ID :	MYCZL1	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:03:59	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27422	27609	27706	27579	0.52	cps
Vanadium	51-2	595691	601973	601721	599795	0.59	cps
Yttrium	89-1	16267863	15906546	15868464	16014291	1.38	cps
Yttrium	89-2	4538770	4585916	4503101	4542596	0.91	cps
Zinc	66-2	167952	167436	167983	167791	0.18	cps
Zirconium	90-1	160219	159885	160327	160144	0.14	cps
Zirconium	91-1	35202	35637	35653	35497	0.72	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-04	Instrumnet Name :	P7
Client Sample ID :	MYCZL2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:07:07	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17893357	17933244	17881006	17902536	0.15	cps
Antimony	121-1	10827	11461	11204	11164	2.86	cps
Arsenic	75-2	131002	129677	128755	129811	0.87	cps
Barium	135-1	1482354	1485749	1479223	1482442	0.22	cps
Barium	137-1	2785105	2688539	2761226	2744957	1.83	cps
Beryllium	9-1	2504	2537	2417	2486	2.49	cps
Bismuth	209-1	9609067	9611855	8801270	9340731	5.00	cps
Bismuth	209-2	7884751	7858132	7908643	7883842	0.32	cps
Bromine	81-1	18301	18225	18111	18212	0.53	cps
Bromine	81-2	770	643	663	692	9.84	cps
Cadmium	108-1	517	543	560	540	4.05	cps
Cadmium	106-1	5348	5184	4784	5105	5.68	cps
Cadmium	111-1	6325	6032	5584	5981	6.24	cps
Calcium	43-1	706557	705416	696613	702862	0.77	cps
Calcium	44-1	11027715	10971008	10994904	10997876	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	463773	464567	466512	464951	0.30	cps
Cobalt	59-2	803546	809236	807434	806739	0.36	cps
Copper	63-2	1378570	1380796	1380383	1379916	0.09	cps
Dysprosium	156-1	128723	127650	129409	128594	0.69	cps
Dysprosium	156-2	104062	105909	104961	104977	0.88	cps
Erbium	164-1	134055	133214	133766	133678	0.32	cps
Erbium	164-2	94671	96040	94731	95147	0.81	cps
Gadolinium	160-1	133071	132132	132049	132417	0.43	cps
Gadolinium	160-2	99312	97506	97419	98079	1.09	cps
Holmium	165-1	16289352	16060406	14971641	15773800	4.46	cps
Holmium	165-2	11531475	11468529	11473142	11491049	0.31	cps
Indium	115-1	13187282	12790174	11858794	12612083	5.41	cps
Indium	115-2	4822603	4788812	4813630	4808348	0.36	cps
Iron	56-2	825350814	817114174	818371641	820278877	0.54	cps
Iron	57-2	20377843	20211852	20152357	20247351	0.58	cps
Iron	54-2	44472101	44835234	44271319	44526218	0.64	cps
Krypton	83-1	383	440	443	422	7.99	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-04	Instrumnet Name :	P7
Client Sample ID :	MYCZL2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:07:07	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	404395	401085	403293	402924	0.42	cps
Lead	207-1	357924	356809	353928	356220	0.58	cps
Lead	208-1	1609638	1597401	1600775	1602605	0.39	cps
Lithium	6-1	1860947	1871039	1679205	1803730	5.99	cps
Magnesium	24-2	15586763	15775646	15562507	15641639	0.75	cps
Manganese	55-2	18975173	19029761	18863367	18956100	0.45	cps
Molybdenum	94-1	96126	94173	92999	94433	1.67	cps
Molybdenum	95-1	8769	8469	8446	8561	2.11	cps
Molybdenum	96-1	33054	33241	32737	33011	0.77	cps
Molybdenum	97-1	5094	5551	5428	5358	4.41	cps
Molybdenum	98-1	13356	12906	12986	13083	1.84	cps
Neodymium	150-1	182018	181671	182463	182051	0.22	cps
Neodymium	150-2	110529	108809	109542	109626	0.79	cps
Nickel	60-2	186112	187307	184787	186069	0.68	cps
Phosphorus	31-2	35575	35434	35514	35508	0.20	cps
Potassium	39-2	6307580	6352242	6306986	6322269	0.41	cps
Rhodium	103-1	12118121	11882141	11045069	11681777	4.83	cps
Rhodium	103-2	7288228	7131130	7209047	7209468	1.09	cps
Scandium	45-1	7850629	7658721	7217140	7575496	4.29	cps
Scandium	45-2	695200	688907	685275	689794	0.73	cps
Selenium	82-1	897	750	769	805	9.92	cps
Selenium	77-2	373	307	307	329	11.70	cps
Selenium	78-2	750	870	780	800	7.81	cps
Silicon	28-1	23830432	23903917	23968936	23901095	0.29	cps
Silver	107-1	4521	4474	4241	4412	3.40	cps
Silver	109-1	3757	3991	3957	3902	3.24	cps
Sodium	23-2	303135	304546	303665	303782	0.23	cps
Strontium	86-1	518627	511112	513823	514520	0.74	cps
Strontium	88-1	4703374	4648470	4683781	4678542	0.59	cps
Sulfur	34-1	193522	193968	195746	194412	0.61	cps
Terbium	159-1	16941717	16757928	15533499	16411048	4.66	cps
Terbium	159-2	11496950	11470663	11388701	11452105	0.49	cps
Thallium	203-1	3130	3154	3030	3105	2.11	cps
Thallium	205-1	7515	7459	7682	7552	1.54	cps
Tin	118-1	15752	16496	16403	16217	2.50	cps
Titanium	47-1	1611951	1582255	1600418	1598208	0.94	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-04	Instrumnet Name :	P7
Client Sample ID :	MYCZL2	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:07:07	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32870	32817	32433	32707	0.73	cps
Vanadium	51-2	1727812	1732896	1714252	1724987	0.56	cps
Yttrium	89-1	17457486	17289950	16076087	16941174	4.45	cps
Yttrium	89-2	4865528	4806808	4851361	4841232	0.63	cps
Zinc	66-2	656488	654105	655663	655419	0.18	cps
Zirconium	90-1	239577	237985	241241	239601	0.68	cps
Zirconium	91-1	54708	54169	53527	54135	1.09	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-05	Instrumnet Name :	P7
Client Sample ID :	MYCZL3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:10:13	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12788841	12762871	12672025	12741246	0.48	cps
Antimony	121-1	8069	8096	8619	8261	3.76	cps
Arsenic	75-2	68323	69070	68199	68530	0.69	cps
Barium	135-1	856263	846626	838970	847286	1.02	cps
Barium	137-1	1484685	1476505	1449631	1470274	1.25	cps
Beryllium	9-1	1707	1550	1527	1595	6.14	cps
Bismuth	209-1	9749506	9537036	9483196	9589913	1.47	cps
Bismuth	209-2	8012412	7885188	7976907	7958169	0.82	cps
Bromine	81-1	17187	16933	16983	17034	0.79	cps
Bromine	81-2	387	453	393	411	8.93	cps
Cadmium	108-1	457	460	423	447	4.54	cps
Cadmium	106-1	5031	4677	4624	4778	4.63	cps
Cadmium	111-1	5509	5146	5271	5308	3.47	cps
Calcium	43-1	717396	715221	705267	712628	0.91	cps
Calcium	44-1	11411707	11335900	11171372	11306326	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	619957	619297	612794	617350	0.64	cps
Cobalt	59-2	601852	607801	602407	604020	0.54	cps
Copper	63-2	1203458	1197903	1195716	1199025	0.33	cps
Dysprosium	156-1	74687	75287	73732	74569	1.05	cps
Dysprosium	156-2	63998	62806	63174	63326	0.96	cps
Erbium	164-1	70336	70208	68996	69847	1.06	cps
Erbium	164-2	49755	50123	49494	49791	0.63	cps
Gadolinium	160-1	73210	73518	73334	73354	0.21	cps
Gadolinium	160-2	55275	54181	54559	54672	1.02	cps
Holmium	165-1	16323589	15981485	15768723	16024599	1.75	cps
Holmium	165-2	11453050	11392087	11414390	11419842	0.27	cps
Indium	115-1	13358424	12801513	12845987	13001975	2.38	cps
Indium	115-2	4818774	4825672	4801064	4815170	0.26	cps
Iron	56-2	478342166	475752980	474515180	476203442	0.41	cps
Iron	57-2	11786954	11692282	11790696	11756644	0.47	cps
Iron	54-2	25821817	26048656	25884586	25918353	0.45	cps
Krypton	83-1	290	380	313	328	14.25	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-05	Instrumnet Name :	P7
Client Sample ID :	MYCZL3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:10:13	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	542257	534611	534985	537284	0.80	cps
Lead	207-1	480814	477860	474496	477723	0.66	cps
Lead	208-1	2152509	2131530	2130279	2138106	0.58	cps
Lithium	6-1	1834151	1820866	1778395	1811137	1.61	cps
Magnesium	24-2	12402664	12476266	12349350	12409426	0.51	cps
Manganese	55-2	8538692	8536509	8440212	8505138	0.66	cps
Molybdenum	94-1	80704	81340	81502	81182	0.52	cps
Molybdenum	95-1	6325	6091	6121	6179	2.06	cps
Molybdenum	96-1	24681	24728	24828	24745	0.30	cps
Molybdenum	97-1	3934	3931	3984	3949	0.76	cps
Molybdenum	98-1	10100	9640	9987	9909	2.42	cps
Neodymium	150-1	122426	122012	120190	121543	0.98	cps
Neodymium	150-2	75119	73731	73976	74275	1.00	cps
Nickel	60-2	192238	190821	188856	190638	0.89	cps
Phosphorus	31-2	30614	29722	30818	30385	1.92	cps
Potassium	39-2	3063239	3073429	2983377	3040015	1.62	cps
Rhodium	103-1	12351416	12013131	11916687	12093745	1.89	cps
Rhodium	103-2	7267016	7241383	7280140	7262846	0.27	cps
Scandium	45-1	7740563	7521244	7517558	7593121	1.68	cps
Scandium	45-2	672497	673795	666886	671059	0.55	cps
Selenium	82-1	750	640	640	676	9.37	cps
Selenium	77-2	160	233	200	198	18.57	cps
Selenium	78-2	670	667	640	659	2.50	cps
Silicon	28-1	17838509	17065253	17158950	17354237	2.43	cps
Silver	107-1	4988	5098	4968	5018	1.40	cps
Silver	109-1	4884	4581	4998	4821	4.47	cps
Sodium	23-2	293526	293638	291260	292808	0.46	cps
Strontium	86-1	354089	354108	350377	352858	0.61	cps
Strontium	88-1	3217244	3184096	3172639	3191326	0.73	cps
Sulfur	34-1	192482	191949	189209	191213	0.92	cps
Terbium	159-1	16762810	16541579	16417294	16573894	1.06	cps
Terbium	159-2	11290648	11394146	11359878	11348224	0.46	cps
Thallium	203-1	2540	2827	2647	2671	5.42	cps
Thallium	205-1	6275	6345	6262	6294	0.71	cps
Tin	118-1	19049	18268	18669	18662	2.09	cps
Titanium	47-1	921430	921118	904387	915645	1.06	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-05	Instrumnet Name :	P7
Client Sample ID :	MYCZL3	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:10:13	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29125	28704	28611	28813	0.95	cps
Vanadium	51-2	939838	933569	933863	935757	0.38	cps
Yttrium	89-1	16651874	16216316	16234020	16367403	1.51	cps
Yttrium	89-2	4647570	4597620	4603897	4616362	0.59	cps
Zinc	66-2	210174	210076	207362	209204	0.76	cps
Zirconium	90-1	210703	211694	209218	210538	0.59	cps
Zirconium	91-1	47998	47282	47390	47557	0.81	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-06	Instrumnet Name :	P7
Client Sample ID :	MYCZL4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:13:21	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12977777	12900413	12863127	12913772	0.45	cps
Antimony	121-1	4561	4604	4594	4586	0.49	cps
Arsenic	75-2	33314	32800	32786	32967	0.91	cps
Barium	135-1	1434982	1452186	1437403	1441524	0.65	cps
Barium	137-1	2628343	2655853	2601610	2628602	1.03	cps
Beryllium	9-1	2777	2750	2707	2745	1.29	cps
Bismuth	209-1	9915586	9417222	9538701	9623836	2.70	cps
Bismuth	209-2	7863689	7897051	7797819	7852853	0.64	cps
Bromine	81-1	17497	17541	17574	17537	0.22	cps
Bromine	81-2	603	663	520	596	12.09	cps
Cadmium	108-1	590	517	533	547	7.03	cps
Cadmium	106-1	5548	5504	5128	5393	4.28	cps
Cadmium	111-1	6231	6292	5886	6136	3.56	cps
Calcium	43-1	727019	734200	721268	727496	0.89	cps
Calcium	44-1	11299563	11505493	11367171	11390742	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	369354	370461	367873	369230	0.35	cps
Cobalt	59-2	312483	310765	309371	310873	0.50	cps
Copper	63-2	632156	629381	628236	629924	0.32	cps
Dysprosium	156-1	127270	129796	129595	128887	1.09	cps
Dysprosium	156-2	112506	112123	113954	112861	0.86	cps
Erbium	164-1	108806	110680	109286	109591	0.89	cps
Erbium	164-2	79454	77570	77949	78324	1.27	cps
Gadolinium	160-1	124891	125815	125428	125378	0.37	cps
Gadolinium	160-2	94338	93120	92680	93379	0.92	cps
Holmium	165-1	16812689	16341909	15941719	16365439	2.66	cps
Holmium	165-2	11551415	11459093	11377694	11462734	0.76	cps
Indium	115-1	13482708	12814913	12760643	13019421	3.09	cps
Indium	115-2	4820205	4835328	4750668	4802067	0.94	cps
Iron	56-2	396746154	391300714	395947541	394664803	0.75	cps
Iron	57-2	9899446	9732367	9772419	9801411	0.89	cps
Iron	54-2	21575776	21437641	21396537	21469985	0.44	cps
Krypton	83-1	347	387	357	363	5.73	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-06	Instrumnet Name :	P7
Client Sample ID :	MYCZL4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:13:21	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	527388	535447	530327	531054	0.77	cps
Lead	207-1	444363	449293	447871	447175	0.57	cps
Lead	208-1	2029943	2062431	2054561	2048978	0.83	cps
Lithium	6-1	1853286	1812820	1879803	1848636	1.82	cps
Magnesium	24-2	9680956	9556330	9586846	9608044	0.68	cps
Manganese	55-2	7367501	7250046	7266064	7294537	0.87	cps
Molybdenum	94-1	139945	143259	141607	141603	1.17	cps
Molybdenum	95-1	7615	7395	7525	7512	1.47	cps
Molybdenum	96-1	35035	34861	34878	34925	0.27	cps
Molybdenum	97-1	4848	4841	4781	4823	0.76	cps
Molybdenum	98-1	11688	12018	11965	11890	1.49	cps
Neodymium	150-1	226699	232797	229890	229795	1.33	cps
Neodymium	150-2	141367	139890	138539	139932	1.01	cps
Nickel	60-2	120116	120106	118873	119698	0.60	cps
Phosphorus	31-2	51657	51750	51179	51529	0.60	cps
Potassium	39-2	4632076	4608146	4590019	4610080	0.46	cps
Rhodium	103-1	12390858	12020377	11853612	12088282	2.27	cps
Rhodium	103-2	7203608	7217785	7165150	7195514	0.38	cps
Scandium	45-1	7687534	7479944	7468187	7545222	1.64	cps
Scandium	45-2	662201	656258	655602	658020	0.55	cps
Selenium	82-1	747	787	719	751	4.60	cps
Selenium	77-2	383	430	357	390	9.52	cps
Selenium	78-2	757	733	890	793	10.65	cps
Silicon	28-1	14754578	14743232	14744405	14747405	0.04	cps
Silver	107-1	7148	7102	6705	6985	3.49	cps
Silver	109-1	6255	6358	6291	6301	0.83	cps
Sodium	23-2	361841	358535	356234	358870	0.79	cps
Strontium	86-1	471612	477308	473450	474123	0.61	cps
Strontium	88-1	4282725	4311963	4269975	4288221	0.50	cps
Sulfur	34-1	195281	196364	192067	194571	1.15	cps
Terbium	159-1	17308394	16598849	16449478	16785574	2.73	cps
Terbium	159-2	11603942	11494096	11518394	11538811	0.50	cps
Thallium	203-1	3494	3637	3430	3520	3.01	cps
Thallium	205-1	8313	8673	8473	8486	2.13	cps
Tin	118-1	31454	31885	32062	31801	0.98	cps
Titanium	47-1	583321	591081	581928	585443	0.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-06	Instrumnet Name :	P7
Client Sample ID :	MYCZL4	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:13:21	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44110	43886	43929	43975	0.27	cps
Vanadium	51-2	624203	619158	619049	620804	0.47	cps
Yttrium	89-1	17401309	16697014	16871918	16990080	2.16	cps
Yttrium	89-2	4757266	4692889	4654433	4701529	1.11	cps
Zinc	66-2	312265	314665	310569	312500	0.66	cps
Zirconium	90-1	369331	376174	374297	373267	0.95	cps
Zirconium	91-1	81776	83918	83026	82907	1.30	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-07	Instrumnet Name :	P7
Client Sample ID :	MYCZL5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:16:30	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13258103	13142541	13154307	13184984	0.48	cps
Antimony	121-1	4334	4321	4534	4396	2.72	cps
Arsenic	75-2	34256	34517	34056	34276	0.67	cps
Barium	135-1	1622457	1601534	1510021	1578004	3.79	cps
Barium	137-1	2789692	2807270	2749084	2782015	1.07	cps
Beryllium	9-1	2810	3057	3150	3006	5.85	cps
Bismuth	209-1	9790318	9518951	9492686	9600652	1.72	cps
Bismuth	209-2	7971058	7969477	7862753	7934429	0.78	cps
Bromine	81-1	17844	17821	17691	17785	0.47	cps
Bromine	81-2	720	653	723	699	5.65	cps
Cadmium	108-1	503	473	507	494	3.71	cps
Cadmium	106-1	5634	5328	5131	5364	4.73	cps
Cadmium	111-1	6519	6302	6147	6323	2.95	cps
Calcium	43-1	768325	763117	757269	762904	0.73	cps
Calcium	44-1	12124700	11982501	11860767	11989322	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	392846	389823	389178	390616	0.50	cps
Cobalt	59-2	329359	327167	325552	327359	0.58	cps
Copper	63-2	705512	703698	698462	702557	0.52	cps
Dysprosium	156-1	139768	138925	139502	139398	0.31	cps
Dysprosium	156-2	119429	119731	120706	119955	0.56	cps
Erbium	164-1	119778	119031	117475	118761	0.99	cps
Erbium	164-2	84486	84986	84688	84720	0.30	cps
Gadolinium	160-1	138103	136026	134956	136362	1.17	cps
Gadolinium	160-2	100812	101712	100883	101136	0.49	cps
Holmium	165-1	16561210	16027007	15926526	16171581	2.11	cps
Holmium	165-2	11447389	11424265	11311546	11394400	0.64	cps
Indium	115-1	13125210	12683749	12646887	12818615	2.08	cps
Indium	115-2	4720838	4814043	4775062	4769981	0.98	cps
Iron	56-2	411702061	415271647	410751327	412575012	0.58	cps
Iron	57-2	10316608	10271587	10133228	10240474	0.93	cps
Iron	54-2	22391285	22628956	22377942	22466061	0.63	cps
Krypton	83-1	360	410	403	391	6.94	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-07	Instrumnet Name :	P7
Client Sample ID :	MYCZL5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:16:30	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	490083	484751	489599	488144	0.60	cps
Lead	207-1	413731	411511	412105	412449	0.28	cps
Lead	208-1	1902805	1891400	1892846	1895683	0.33	cps
Lithium	6-1	1879471	1826223	1867761	1857818	1.51	cps
Magnesium	24-2	10026868	9938119	10027505	9997497	0.51	cps
Manganese	55-2	7758341	7751470	7707097	7738969	0.36	cps
Molybdenum	94-1	141518	139934	138319	139924	1.14	cps
Molybdenum	95-1	6648	7072	6785	6835	3.16	cps
Molybdenum	96-1	35202	33732	34213	34383	2.18	cps
Molybdenum	97-1	4244	4217	4121	4194	1.55	cps
Molybdenum	98-1	10674	10684	10587	10648	0.50	cps
Neodymium	150-1	249298	246974	246585	247619	0.59	cps
Neodymium	150-2	151222	150073	150234	150509	0.41	cps
Nickel	60-2	133770	133088	133982	133613	0.35	cps
Phosphorus	31-2	56119	55396	56367	55961	0.90	cps
Potassium	39-2	4828133	4823639	4809480	4820417	0.20	cps
Rhodium	103-1	12213161	11917932	11727148	11952747	2.05	cps
Rhodium	103-2	7184344	7186379	7107427	7159383	0.63	cps
Scandium	45-1	7568779	7397234	7277821	7414611	1.97	cps
Scandium	45-2	652354	649705	649412	650490	0.25	cps
Selenium	82-1	809	715	646	723	11.32	cps
Selenium	77-2	360	407	393	387	6.22	cps
Selenium	78-2	937	847	920	901	5.31	cps
Silicon	28-1	24212175	24080620	23717281	24003359	1.07	cps
Silver	107-1	7385	7222	7249	7285	1.20	cps
Silver	109-1	6418	6565	6915	6633	3.85	cps
Sodium	23-2	245970	245022	245259	245417	0.20	cps
Strontium	86-1	481518	481837	478441	480598	0.39	cps
Strontium	88-1	4350647	4327430	4314194	4330757	0.43	cps
Sulfur	34-1	195216	193890	190772	193293	1.18	cps
Terbium	159-1	16982820	16652851	16456894	16697522	1.59	cps
Terbium	159-2	11358451	11264735	11378618	11333935	0.54	cps
Thallium	203-1	3894	3921	3937	3917	0.56	cps
Thallium	205-1	8980	8733	8966	8893	1.56	cps
Tin	118-1	23830	23870	22781	23494	2.63	cps
Titanium	47-1	558963	551075	555911	555317	0.72	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-07	Instrumnet Name :	P7
Client Sample ID :	MYCZL5	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:16:30	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44695	44621	44380	44565	0.37	cps
Vanadium	51-2	633044	630759	631186	631663	0.19	cps
Yttrium	89-1	17214912	16869424	16671566	16918634	1.63	cps
Yttrium	89-2	4731639	4687379	4692253	4703757	0.52	cps
Zinc	66-2	296135	296070	294598	295601	0.29	cps
Zirconium	90-1	370211	367113	366426	367917	0.55	cps
Zirconium	91-1	82594	82423	80750	81922	1.24	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-08	Instrumnet Name :	P7
Client Sample ID :	MYCZL6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:19:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12989066	12880749	12989516	12953110	0.48	cps
Antimony	121-1	10424	10257	10017	10233	2.00	cps
Arsenic	75-2	32789	32208	32536	32511	0.90	cps
Barium	135-1	1680836	1665494	1658485	1668272	0.69	cps
Barium	137-1	2901164	2879312	2876806	2885760	0.46	cps
Beryllium	9-1	3094	2857	2767	2906	5.81	cps
Bismuth	209-1	9819039	9622220	9343755	9595005	2.49	cps
Bismuth	209-2	7940902	7936011	7913804	7930239	0.18	cps
Bromine	81-1	17087	16936	17297	17107	1.06	cps
Bromine	81-2	560	533	493	529	6.34	cps
Cadmium	108-1	667	630	703	667	5.50	cps
Cadmium	106-1	5344	5398	5238	5327	1.53	cps
Cadmium	111-1	8982	9029	8622	8878	2.51	cps
Calcium	43-1	652697	657358	652441	654165	0.42	cps
Calcium	44-1	10403821	10285450	10153437	10280903	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	408510	409143	406164	407939	0.38	cps
Cobalt	59-2	338140	335068	333480	335563	0.71	cps
Copper	63-2	1116443	1105821	1107104	1109789	0.52	cps
Dysprosium	156-1	144586	145067	141690	143781	1.27	cps
Dysprosium	156-2	124375	125299	124375	124683	0.43	cps
Erbium	164-1	121826	122685	121082	121864	0.66	cps
Erbium	164-2	87287	86307	86180	86591	0.70	cps
Gadolinium	160-1	139553	138810	137739	138700	0.66	cps
Gadolinium	160-2	105446	103697	103092	104078	1.17	cps
Holmium	165-1	16248062	15973326	15911676	16044354	1.12	cps
Holmium	165-2	11578428	11373424	11336652	11429501	1.14	cps
Indium	115-1	13077433	12688661	12638576	12801557	1.88	cps
Indium	115-2	4819630	4825161	4747780	4797524	0.90	cps
Iron	56-2	465911113	458544820	460775846	461743926	0.82	cps
Iron	57-2	11464956	11421423	11428323	11438234	0.20	cps
Iron	54-2	25329325	25113955	24838370	25093884	0.98	cps
Krypton	83-1	447	343	453	414	14.88	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-08	Instrumnet Name :	P7
Client Sample ID :	MYCZL6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:19:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	951419	955120	939791	948777	0.84	cps
Lead	207-1	789634	782945	782456	785011	0.51	cps
Lead	208-1	3813538	3820088	3756637	3796754	0.92	cps
Lithium	6-1	1841779	1875175	1798666	1838540	2.09	cps
Magnesium	24-2	10144635	9956637	10136255	10079176	1.05	cps
Manganese	55-2	8120054	8040007	7958830	8039631	1.00	cps
Molybdenum	94-1	121273	124033	122413	122573	1.13	cps
Molybdenum	95-1	7742	7332	7255	7443	3.52	cps
Molybdenum	96-1	32797	32820	32323	32646	0.86	cps
Molybdenum	97-1	4424	4651	4747	4607	3.60	cps
Molybdenum	98-1	12028	11555	11962	11848	2.16	cps
Neodymium	150-1	255926	257466	253714	255702	0.74	cps
Neodymium	150-2	154560	154024	153923	154169	0.22	cps
Nickel	60-2	146861	144861	145427	145716	0.71	cps
Phosphorus	31-2	48614	47995	48670	48426	0.77	cps
Potassium	39-2	4106044	4002711	4025642	4044799	1.34	cps
Rhodium	103-1	12118139	12069556	11894281	12027325	0.98	cps
Rhodium	103-2	7246699	7185800	7118270	7183590	0.89	cps
Scandium	45-1	7517796	7402419	7306213	7408809	1.43	cps
Scandium	45-2	661660	648137	652460	654086	1.06	cps
Selenium	82-1	603	736	670	670	9.93	cps
Selenium	77-2	450	403	433	429	5.51	cps
Selenium	78-2	963	860	787	870	10.20	cps
Silicon	28-1	20781067	21369809	20556612	20902496	2.01	cps
Silver	107-1	4644	4574	4334	4517	3.60	cps
Silver	109-1	4084	4057	4221	4121	2.13	cps
Sodium	23-2	262563	260657	261572	261597	0.36	cps
Strontium	86-1	471214	478094	467410	472239	1.15	cps
Strontium	88-1	4256337	4267979	4258082	4260800	0.15	cps
Sulfur	34-1	178051	181122	178523	179232	0.92	cps
Terbium	159-1	17012150	16626432	16351537	16663373	1.99	cps
Terbium	159-2	11340669	11349551	11532777	11407666	0.95	cps
Thallium	203-1	3967	3697	4037	3901	4.60	cps
Thallium	205-1	8793	9110	9003	8969	1.80	cps
Tin	118-1	91092	91824	90163	91027	0.91	cps
Titanium	47-1	624878	624037	622279	623731	0.21	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-08	Instrumnet Name :	P7
Client Sample ID :	MYCZL6	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:19:36	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41728	42441	42060	42076	0.85	cps
Vanadium	51-2	621698	616191	617927	618605	0.46	cps
Yttrium	89-1	17057793	16909852	16754201	16907282	0.90	cps
Yttrium	89-2	4772916	4724988	4693672	4730525	0.84	cps
Zinc	66-2	391833	387705	386101	388546	0.76	cps
Zirconium	90-1	319320	320752	320690	320254	0.25	cps
Zirconium	91-1	71509	71908	70220	71213	1.24	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-09	Instrumnet Name :	P7
Client Sample ID :	MYCZL7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:22:42	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10222406	10252366	10080643	10185138	0.90	cps
Antimony	121-1	6368	6625	6645	6546	2.36	cps
Arsenic	75-2	44149	43617	43687	43818	0.66	cps
Barium	135-1	1175386	1156573	1150991	1160984	1.10	cps
Barium	137-1	2116522	2111454	2115807	2114594	0.13	cps
Beryllium	9-1	2387	2540	2494	2474	3.18	cps
Bismuth	209-1	9741348	9478742	9635706	9618599	1.37	cps
Bismuth	209-2	8007001	7883773	8092684	7994486	1.31	cps
Bromine	81-1	17804	18068	16930	17601	3.38	cps
Bromine	81-2	557	673	547	592	11.89	cps
Cadmium	108-1	450	473	403	442	8.06	cps
Cadmium	106-1	5138	4814	4504	4819	6.57	cps
Cadmium	111-1	6912	6752	6434	6700	3.63	cps
Calcium	43-1	462650	457545	451983	457392	1.17	cps
Calcium	44-1	7339086	7218135	7144138	7233786	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241344	241527	240166	241012	0.31	cps
Cobalt	59-2	350967	350050	349742	350253	0.18	cps
Copper	63-2	646519	640458	638264	641747	0.67	cps
Dysprosium	156-1	132992	129386	131879	131419	1.41	cps
Dysprosium	156-2	115251	114286	115923	115154	0.71	cps
Erbium	164-1	106959	106834	106491	106761	0.23	cps
Erbium	164-2	76354	74926	74923	75401	1.09	cps
Gadolinium	160-1	123606	121914	122658	122726	0.69	cps
Gadolinium	160-2	91956	91060	91547	91521	0.49	cps
Holmium	165-1	16232983	15957065	15842287	16010778	1.25	cps
Holmium	165-2	11461457	11253080	11523831	11412789	1.24	cps
Indium	115-1	12977893	12819052	12605434	12800793	1.46	cps
Indium	115-2	4811814	4728312	4823191	4787773	1.08	cps
Iron	56-2	359252781	363284728	359521021	360686177	0.63	cps
Iron	57-2	8975772	8901893	8834991	8904219	0.79	cps
Iron	54-2	19531788	19632437	19560068	19574765	0.27	cps
Krypton	83-1	347	357	333	346	3.39	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-09	Instrumnet Name :	P7
Client Sample ID :	MYCZL7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:22:42	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	705180	702320	697961	701820	0.52	cps
Lead	207-1	618483	616524	616993	617333	0.17	cps
Lead	208-1	2780572	2771667	2776317	2776185	0.16	cps
Lithium	6-1	1834012	1853190	1821401	1836201	0.87	cps
Magnesium	24-2	6841637	6774945	6779070	6798551	0.55	cps
Manganese	55-2	5829242	5903330	5826750	5853107	0.74	cps
Molybdenum	94-1	75517	74820	72659	74332	2.00	cps
Molybdenum	95-1	5895	5311	5604	5603	5.21	cps
Molybdenum	96-1	22154	22140	20975	21756	3.11	cps
Molybdenum	97-1	3274	3527	3520	3440	4.20	cps
Molybdenum	98-1	8699	8733	8466	8633	1.68	cps
Neodymium	150-1	232852	230724	226964	230180	1.30	cps
Neodymium	150-2	139313	139761	137651	138908	0.80	cps
Nickel	60-2	84680	86115	86363	85720	1.06	cps
Phosphorus	31-2	33754	33490	33463	33569	0.48	cps
Potassium	39-2	5326551	5316414	5253127	5298697	0.75	cps
Rhodium	103-1	12025150	11888649	11777029	11896943	1.04	cps
Rhodium	103-2	7155921	7209170	7230031	7198374	0.53	cps
Scandium	45-1	7350315	7326954	7182819	7286696	1.24	cps
Scandium	45-2	635605	643469	642896	640657	0.68	cps
Selenium	82-1	785	821	748	785	4.65	cps
Selenium	77-2	367	430	300	366	17.78	cps
Selenium	78-2	820	840	837	832	1.29	cps
Silicon	28-1	18441876	18260253	17985934	18229354	1.26	cps
Silver	107-1	6762	6732	6772	6755	0.31	cps
Silver	109-1	6448	6125	6695	6423	4.45	cps
Sodium	23-2	106005	104542	105394	105313	0.70	cps
Strontium	86-1	322935	321112	318251	320766	0.74	cps
Strontium	88-1	2928311	2904390	2869666	2900789	1.02	cps
Sulfur	34-1	186223	186709	182785	185239	1.15	cps
Terbium	159-1	16862910	16476855	16427265	16589010	1.44	cps
Terbium	159-2	11506639	11209681	11370431	11362251	1.31	cps
Thallium	203-1	4354	4017	4221	4197	4.04	cps
Thallium	205-1	9587	9727	9694	9669	0.76	cps
Tin	118-1	20959	20675	20438	20691	1.26	cps
Titanium	47-1	613485	601681	608995	608054	0.98	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-09	Instrumnet Name :	P7
Client Sample ID :	MYCZL7	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:22:42	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38569	39211	38021	38600	1.54	cps
Vanadium	51-2	552784	550462	547684	550310	0.46	cps
Yttrium	89-1	16721548	16417549	16440567	16526554	1.02	cps
Yttrium	89-2	4602560	4620916	4664573	4629350	0.69	cps
Zinc	66-2	305176	300828	304056	303353	0.74	cps
Zirconium	90-1	194162	191167	191870	192400	0.81	cps
Zirconium	91-1	42842	43681	42274	42933	1.65	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-10	Instrumnet Name :	P7
Client Sample ID :	MYCZL8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:25:50	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12750764	12715671	12516181	12660872	1.00	cps
Antimony	121-1	7102	7282	7038	7141	1.77	cps
Arsenic	75-2	43310	43029	43587	43309	0.64	cps
Barium	135-1	1963231	1962382	1960289	1961967	0.08	cps
Barium	137-1	3361586	3350641	3354658	3355628	0.16	cps
Beryllium	9-1	3097	3254	2994	3115	4.20	cps
Bismuth	209-1	9635498	9524924	9420219	9526880	1.13	cps
Bismuth	209-2	7904710	7911265	7935886	7917287	0.21	cps
Bromine	81-1	18882	18602	18642	18709	0.81	cps
Bromine	81-2	993	887	850	910	8.18	cps
Cadmium	108-1	583	467	453	501	14.27	cps
Cadmium	106-1	5088	5081	5038	5069	0.54	cps
Cadmium	111-1	6830	6860	6763	6818	0.73	cps
Calcium	43-1	808206	806114	799893	804738	0.54	cps
Calcium	44-1	12819429	12606759	12523523	12649904	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	301048	298342	298274	299221	0.53	cps
Cobalt	59-2	309048	306001	303949	306333	0.84	cps
Copper	63-2	752413	747625	748392	749477	0.34	cps
Dysprosium	156-1	154941	155311	154365	154872	0.31	cps
Dysprosium	156-2	133083	131794	135361	133413	1.35	cps
Erbium	164-1	128060	128999	127569	128209	0.57	cps
Erbium	164-2	91423	91604	92004	91677	0.32	cps
Gadolinium	160-1	148079	149889	149737	149235	0.67	cps
Gadolinium	160-2	111257	108798	110243	110099	1.12	cps
Holmium	165-1	16101067	16104956	15849836	16018619	0.91	cps
Holmium	165-2	11471961	11353312	11334040	11386438	0.66	cps
Indium	115-1	12822028	12743973	12624897	12730299	0.78	cps
Indium	115-2	4764640	4713889	4668990	4715840	1.01	cps
Iron	56-2	411069114	408091181	412970994	410710429	0.60	cps
Iron	57-2	10163467	10207614	9987555	10119545	1.15	cps
Iron	54-2	22579211	22377744	22488753	22481902	0.45	cps
Krypton	83-1	427	307	367	367	16.36	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-10	Instrumnet Name :	P7
Client Sample ID :	MYCZL8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:25:50	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	608829	612423	608296	609849	0.37	cps
Lead	207-1	535697	523342	528831	529290	1.17	cps
Lead	208-1	2416604	2404521	2388551	2403225	0.59	cps
Lithium	6-1	1853672	1807945	1825612	1829076	1.26	cps
Magnesium	24-2	8773872	8868841	8834460	8825724	0.54	cps
Manganese	55-2	9757722	9683077	9766854	9735884	0.47	cps
Molybdenum	94-1	111695	113475	111258	112143	1.05	cps
Molybdenum	95-1	29189	28882	28344	28805	1.48	cps
Molybdenum	96-1	51183	51343	50875	51133	0.47	cps
Molybdenum	97-1	18075	18715	18035	18275	2.09	cps
Molybdenum	98-1	46644	45360	45364	45789	1.62	cps
Neodymium	150-1	274100	276119	272435	274218	0.67	cps
Neodymium	150-2	166474	166271	166217	166321	0.08	cps
Nickel	60-2	121161	120658	121151	120990	0.24	cps
Phosphorus	31-2	49908	49844	49604	49785	0.32	cps
Potassium	39-2	6802839	6680826	6725514	6736393	0.92	cps
Rhodium	103-1	11949355	11827260	11767379	11847998	0.78	cps
Rhodium	103-2	7117656	7095847	7137358	7116954	0.29	cps
Scandium	45-1	7445288	7319596	7252777	7339221	1.33	cps
Scandium	45-2	645988	648570	647425	647328	0.20	cps
Selenium	82-1	698	944	824	822	14.96	cps
Selenium	77-2	470	447	453	457	2.63	cps
Selenium	78-2	823	823	1040	896	13.97	cps
Silicon	28-1	19734760	19918728	19543286	19732258	0.95	cps
Silver	107-1	7145	7255	7115	7172	1.03	cps
Silver	109-1	6645	6572	6525	6580	0.92	cps
Sodium	23-2	240353	238357	241085	239932	0.59	cps
Strontium	86-1	572504	567595	566468	568856	0.56	cps
Strontium	88-1	5190890	5170843	5081433	5147722	1.13	cps
Sulfur	34-1	205735	207056	208860	207217	0.76	cps
Terbium	159-1	16869670	16521619	16432616	16607968	1.39	cps
Terbium	159-2	11441164	11288789	11221999	11317317	0.99	cps
Thallium	203-1	5104	4971	4811	4962	2.96	cps
Thallium	205-1	11989	11455	11101	11515	3.88	cps
Tin	118-1	16269	15956	16122	16116	0.97	cps
Titanium	47-1	620640	617156	611978	616591	0.71	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-10	Instrumnet Name :	P7
Client Sample ID :	MYCZL8	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:25:50	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42434	42732	43427	42864	1.19	cps
Vanadium	51-2	579970	579812	579706	579829	0.02	cps
Yttrium	89-1	17101205	16822001	16820289	16914498	0.96	cps
Yttrium	89-2	4730416	4683027	4726911	4713452	0.56	cps
Zinc	66-2	309466	304361	307037	306955	0.83	cps
Zirconium	90-1	259515	258982	256331	258276	0.66	cps
Zirconium	91-1	57887	57100	57981	57656	0.84	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-11	Instrumnet Name :	P7
Client Sample ID :	MYCZL9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:28:59	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9958421	9849981	9780516	9862973	0.91	cps
Antimony	121-1	16429	16500	16490	16473	0.23	cps
Arsenic	75-2	45750	44964	44697	45137	1.21	cps
Barium	135-1	1297958	1309416	1310002	1305792	0.52	cps
Barium	137-1	2416756	2414873	2363621	2398416	1.26	cps
Beryllium	9-1	2487	2227	2350	2355	5.52	cps
Bismuth	209-1	10084330	9752316	9396451	9744366	3.53	cps
Bismuth	209-2	7989539	7984877	7775551	7916656	1.54	cps
Bromine	81-1	22621	23088	23045	22918	1.13	cps
Bromine	81-2	1760	1870	1983	1871	5.97	cps
Cadmium	108-1	403	447	433	428	5.19	cps
Cadmium	106-1	5014	4504	4824	4781	5.39	cps
Cadmium	111-1	5541	5260	5390	5397	2.60	cps
Calcium	43-1	840831	847411	840795	843012	0.45	cps
Calcium	44-1	13150322	13422913	13084213	13219149	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	273286	274394	272328	273336	0.38	cps
Cobalt	59-2	251967	249527	249335	250276	0.59	cps
Copper	63-2	766411	764731	760824	763989	0.38	cps
Dysprosium	156-1	122724	124761	120545	122677	1.72	cps
Dysprosium	156-2	107091	108175	107809	107692	0.51	cps
Erbium	164-1	100975	103167	101985	102042	1.08	cps
Erbium	164-2	72671	72681	72061	72471	0.49	cps
Gadolinium	160-1	117088	118717	117595	117800	0.71	cps
Gadolinium	160-2	89057	88406	88913	88792	0.38	cps
Holmium	165-1	16997943	15963947	15914402	16292097	3.76	cps
Holmium	165-2	11386597	11482331	11307904	11392277	0.77	cps
Indium	115-1	13484704	12753114	12498184	12912000	3.97	cps
Indium	115-2	4835762	4750453	4738069	4774761	1.11	cps
Iron	56-2	368709501	369536968	369492168	369246212	0.13	cps
Iron	57-2	9177506	9124834	9185005	9162448	0.36	cps
Iron	54-2	20126175	20131621	20246951	20168249	0.34	cps
Krypton	83-1	357	397	347	367	7.22	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-11	Instrumnet Name :	P7
Client Sample ID :	MYCZL9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:28:59	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	755548	766881	766780	763070	0.85	cps
Lead	207-1	688927	692385	688870	690061	0.29	cps
Lead	208-1	3052076	3106859	3071423	3076786	0.90	cps
Lithium	6-1	1895039	1829105	1807377	1843840	2.48	cps
Magnesium	24-2	7964646	7921599	7845225	7910490	0.76	cps
Manganese	55-2	6209790	6228192	6187720	6208568	0.33	cps
Molybdenum	94-1	77312	77024	76445	76927	0.57	cps
Molybdenum	95-1	11048	11401	11758	11402	3.12	cps
Molybdenum	96-1	27680	27820	28034	27844	0.64	cps
Molybdenum	97-1	7255	7058	7062	7125	1.58	cps
Molybdenum	98-1	17701	18655	18148	18168	2.63	cps
Neodymium	150-1	216845	222518	218457	219273	1.33	cps
Neodymium	150-2	133300	133495	133515	133437	0.09	cps
Nickel	60-2	89334	89062	89019	89138	0.19	cps
Phosphorus	31-2	45374	45511	45765	45550	0.44	cps
Potassium	39-2	6656477	6634423	6493690	6594863	1.34	cps
Rhodium	103-1	12549746	11862473	11651950	12021389	3.91	cps
Rhodium	103-2	7277403	7058283	7189432	7175039	1.54	cps
Scandium	45-1	7625564	7297132	7128894	7350530	3.44	cps
Scandium	45-2	649346	643210	637430	643329	0.93	cps
Selenium	82-1	816	758	723	765	6.18	cps
Selenium	77-2	373	323	333	343	7.71	cps
Selenium	78-2	920	803	773	832	9.31	cps
Silicon	28-1	22447806	22848101	22458608	22584839	1.01	cps
Silver	107-1	8072	8453	8169	8231	2.40	cps
Silver	109-1	7655	7879	7599	7711	1.92	cps
Sodium	23-2	607513	606933	606891	607112	0.06	cps
Strontium	86-1	781546	797772	791138	790152	1.03	cps
Strontium	88-1	7121726	7163663	7114713	7133367	0.37	cps
Sulfur	34-1	245487	247241	248025	246918	0.53	cps
Terbium	159-1	17520386	16520868	16358879	16800044	3.74	cps
Terbium	159-2	11394165	11390259	11208705	11331043	0.94	cps
Thallium	203-1	3787	3837	3707	3777	1.74	cps
Thallium	205-1	8760	9060	9046	8955	1.89	cps
Tin	118-1	22114	22311	23119	22514	2.37	cps
Titanium	47-1	643484	657174	651323	650660	1.06	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-11	Instrumnet Name :	P7
Client Sample ID :	MYCZL9	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:28:59	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	36543	37125	36276	36648	1.18	cps
Vanadium	51-2	552712	551408	550486	551535	0.20	cps
Yttrium	89-1	17269817	16775719	16452712	16832749	2.44	cps
Yttrium	89-2	4621095	4609863	4632425	4621128	0.24	cps
Zinc	66-2	442521	442498	440347	441789	0.28	cps
Zirconium	90-1	187505	191160	192681	190449	1.40	cps
Zirconium	91-1	42451	42759	43110	42773	0.77	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-12	Instrumnet Name :	P7
Client Sample ID :	MYCZM0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:32:06	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13123258	12880271	12999361	13000964	0.93	cps
Antimony	121-1	6385	6548	6045	6326	4.06	cps
Arsenic	75-2	34223	34473	34042	34246	0.63	cps
Barium	135-1	1599583	1517248	1498989	1538606	3.48	cps
Barium	137-1	2784202	2751405	2723270	2752959	1.11	cps
Beryllium	9-1	2957	2864	2980	2934	2.10	cps
Bismuth	209-1	9651523	9502780	9570086	9574796	0.78	cps
Bismuth	209-2	7733281	7915428	7916031	7854913	1.34	cps
Bromine	81-1	18365	17621	17908	17964	2.09	cps
Bromine	81-2	833	790	797	807	2.89	cps
Cadmium	108-1	473	477	363	438	14.73	cps
Cadmium	106-1	5318	4901	4637	4952	6.93	cps
Cadmium	111-1	5831	5487	5299	5539	4.87	cps
Calcium	43-1	737056	733402	730207	733555	0.47	cps
Calcium	44-1	11670939	11596874	11420879	11562897	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	321876	319319	317392	319529	0.70	cps
Cobalt	59-2	305102	305091	303997	304730	0.21	cps
Copper	63-2	572533	570029	572719	571760	0.26	cps
Dysprosium	156-1	153070	154887	151722	153226	1.04	cps
Dysprosium	156-2	131162	132683	131963	131936	0.58	cps
Erbium	164-1	129086	130307	128161	129185	0.83	cps
Erbium	164-2	91755	91560	90796	91370	0.56	cps
Gadolinium	160-1	151277	149885	150808	150657	0.47	cps
Gadolinium	160-2	111492	112007	112335	111945	0.38	cps
Holmium	165-1	16227054	16043954	15733799	16001603	1.56	cps
Holmium	165-2	11272314	11293112	11413437	11326288	0.67	cps
Indium	115-1	12907746	12759356	12640356	12769153	1.05	cps
Indium	115-2	4715658	4768865	4726144	4736889	0.59	cps
Iron	56-2	383956941	386220834	382900808	384359528	0.44	cps
Iron	57-2	9442600	9603209	9564122	9536644	0.88	cps
Iron	54-2	20935232	20907697	20852155	20898361	0.20	cps
Krypton	83-1	420	473	383	426	10.64	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-12	Instrumnet Name :	P7
Client Sample ID :	MYCZM0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:32:06	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	407741	408722	405883	407448	0.35	cps
Lead	207-1	348851	348309	343983	347047	0.77	cps
Lead	208-1	1586671	1594252	1572976	1584633	0.68	cps
Lithium	6-1	1813784	1810270	1819762	1814605	0.26	cps
Magnesium	24-2	8872159	8858482	8886343	8872328	0.16	cps
Manganese	55-2	7210239	7276682	7249659	7245526	0.46	cps
Molybdenum	94-1	108186	108206	107208	107866	0.53	cps
Molybdenum	95-1	5758	5451	5561	5590	2.78	cps
Molybdenum	96-1	27285	26931	26911	27043	0.78	cps
Molybdenum	97-1	3324	3204	3117	3215	3.23	cps
Molybdenum	98-1	8346	8863	8506	8571	3.09	cps
Neodymium	150-1	279732	281511	277635	279626	0.69	cps
Neodymium	150-2	168684	167680	167580	167981	0.36	cps
Nickel	60-2	110889	109973	110610	110491	0.43	cps
Phosphorus	31-2	36300	36824	36884	36670	0.88	cps
Potassium	39-2	5338144	5283401	5346189	5322578	0.64	cps
Rhodium	103-1	11882667	11729043	11462394	11691368	1.82	cps
Rhodium	103-2	7031667	7103251	7012298	7049072	0.68	cps
Scandium	45-1	7433292	7355878	7190962	7326711	1.69	cps
Scandium	45-2	640696	643032	640000	641243	0.25	cps
Selenium	82-1	770	665	696	710	7.62	cps
Selenium	77-2	407	437	430	424	3.71	cps
Selenium	78-2	930	907	870	902	3.35	cps
Silicon	28-1	20760603	20663160	20691931	20705231	0.24	cps
Silver	107-1	4121	3891	3904	3972	3.25	cps
Silver	109-1	3547	3644	3577	3589	1.38	cps
Sodium	23-2	183668	181105	182089	182287	0.71	cps
Strontium	86-1	478530	478755	472670	476651	0.72	cps
Strontium	88-1	4374501	4354454	4314161	4347705	0.71	cps
Sulfur	34-1	194892	191646	192341	192960	0.89	cps
Terbium	159-1	16666803	16439169	16427509	16511160	0.82	cps
Terbium	159-2	11236307	11425560	11229491	11297119	0.99	cps
Thallium	203-1	3841	3747	3677	3755	2.18	cps
Thallium	205-1	8720	8790	8743	8751	0.41	cps
Tin	118-1	15498	15729	15822	15683	1.06	cps
Titanium	47-1	551095	548139	543630	547621	0.69	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	P5190-12	Instrumnet Name :	P7
Client Sample ID :	MYCZM0	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:32:06	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38328	39117	38171	38539	1.32	cps
Vanadium	51-2	594749	590526	591134	592136	0.39	cps
Yttrium	89-1	17115747	16903136	16816149	16945010	0.91	cps
Yttrium	89-2	4677810	4736546	4688602	4700986	0.67	cps
Zinc	66-2	243317	242514	242814	242882	0.17	cps
Zirconium	90-1	285573	282973	284410	284319	0.46	cps
Zirconium	91-1	63677	64189	63289	63719	0.71	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:35:16	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15922424	15863363	15858951	15881579	0.22	cps
Antimony	121-1	6597070	6633830	6598855	6609918	0.31	cps
Arsenic	75-2	332063	334881	331875	332940	0.51	cps
Barium	135-1	8531659	8404895	8549476	8495344	0.93	cps
Barium	137-1	14881356	14743759	14847344	14824153	0.48	cps
Beryllium	9-1	761518	762553	760085	761386	0.16	cps
Bismuth	209-1	8689301	8580122	8559830	8609751	0.81	cps
Bismuth	209-2	7016016	7026818	7035226	7026020	0.14	cps
Bromine	81-1	16199	15722	15875	15932	1.53	cps
Bromine	81-2	143	137	173	151	12.93	cps
Cadmium	108-1	119285	118650	117777	118571	0.64	cps
Cadmium	106-1	171230	170244	171999	171158	0.51	cps
Cadmium	111-1	1586456	1571627	1640892	1599658	2.28	cps
Calcium	43-1	8841729	8790966	8734772	8789156	0.61	cps
Calcium	44-1	143497048	141841691	141452745	142263828	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2643805	2614214	2609689	2622569	0.71	cps
Cobalt	59-2	4031506	4067824	4039059	4046130	0.47	cps
Copper	63-2	28718408	28415964	28221041	28451804	0.88	cps
Dysprosium	156-1	373	383	413	390	5.34	cps
Dysprosium	156-2	633	587	640	620	4.69	cps
Erbium	164-1	333	317	340	330	3.64	cps
Erbium	164-2	267	220	277	254	11.89	cps
Gadolinium	160-1	340	297	273	303	11.15	cps
Gadolinium	160-2	773	740	850	788	7.16	cps
Holmium	165-1	15221653	15093263	15082779	15132565	0.51	cps
Holmium	165-2	10699414	10555641	10730677	10661910	0.88	cps
Indium	115-1	11654580	11550130	11460652	11555120	0.84	cps
Indium	115-2	4308057	4249467	4278308	4278610	0.68	cps
Iron	56-2	622319124	618213631	616590724	619041160	0.48	cps
Iron	57-2	15674721	15452716	15316826	15481421	1.17	cps
Iron	54-2	33791602	33825910	33668270	33761928	0.25	cps
Krypton	83-1	280	257	217	251	12.76	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:35:16	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	25470563	25822271	25628150	25640328	0.69	cps
Lead	207-1	22552803	22351128	22507196	22470376	0.47	cps
Lead	208-1	102291943	101788313	102090083	102056780	0.25	cps
Lithium	6-1	1696155	1684862	1697837	1692951	0.42	cps
Magnesium	24-2	120100342	119963278	120308345	120123988	0.14	cps
Manganese	55-2	21260027	21324628	21221211	21268622	0.25	cps
Molybdenum	94-1	23403947	23362581	23274106	23346878	0.28	cps
Molybdenum	95-1	33632049	33338405	33598106	33522853	0.48	cps
Molybdenum	96-1	37035762	36657906	37003365	36899011	0.57	cps
Molybdenum	97-1	21131713	21055036	21041431	21076060	0.23	cps
Molybdenum	98-1	54055761	53620889	53982338	53886329	0.43	cps
Neodymium	150-1	607	540	607	584	6.59	cps
Neodymium	150-2	177	197	127	167	21.63	cps
Nickel	60-2	966206	957560	958246	960671	0.50	cps
Phosphorus	31-2	145474	142381	142412	143422	1.24	cps
Potassium	39-2	77582319	78395336	78338277	78105311	0.58	cps
Rhodium	103-1	10574669	10359533	10478453	10470885	1.03	cps
Rhodium	103-2	6286970	6228913	6240984	6252289	0.49	cps
Scandium	45-1	6636456	6625847	6631509	6631271	0.08	cps
Scandium	45-2	581894	578687	582422	581001	0.35	cps
Selenium	82-1	96340	96987	96764	96697	0.34	cps
Selenium	77-2	10477	10814	11214	10835	3.41	cps
Selenium	78-2	35847	35579	36375	35934	1.13	cps
Silicon	28-1	3870506	3931487	3935193	3912395	0.93	cps
Silver	107-1	8152141	8098598	8150538	8133759	0.37	cps
Silver	109-1	7773446	7793755	7781355	7782852	0.13	cps
Sodium	23-2	196985770	196358190	196938630	196760864	0.18	cps
Strontium	86-1	2118347	2094191	2102160	2104899	0.58	cps
Strontium	88-1	18548721	18341986	18489153	18459954	0.58	cps
Sulfur	34-1	674922	673553	672490	673655	0.18	cps
Terbium	159-1	15548219	15611216	15537949	15565795	0.25	cps
Terbium	159-2	10746377	10533427	10617548	10632451	1.01	cps
Thallium	203-1	6404051	6372421	6489884	6422119	0.95	cps
Thallium	205-1	15230241	15282481	15099502	15204075	0.62	cps
Tin	118-1	5446538	5499364	5472869	5472924	0.48	cps
Titanium	47-1	8238607	8177599	8318486	8244897	0.86	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCV035	Instrumnet Name :	P7
Client Sample ID :	CCV035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:35:16	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20325038	20265869	20468150	20353019	0.51	cps
Vanadium	51-2	2346122	2360642	2347749	2351504	0.34	cps
Yttrium	89-1	14273786	14032419	13922250	14076152	1.28	cps
Yttrium	89-2	3930901	3914175	3922000	3922359	0.21	cps
Zinc	66-2	4716253	4685991	4710128	4704124	0.34	cps
Zirconium	90-1	11457835	11339440	11326584	11374620	0.64	cps
Zirconium	91-1	2575812	2514469	2512411	2534231	1.42	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:37:59	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1580	1363	1363	1436	8.71	cps
Antimony	121-1	3390	2854	2567	2937	14.23	cps
Arsenic	75-2	63	43	30	46	36.83	cps
Barium	135-1	1320	1293	1097	1237	9.86	cps
Barium	137-1	2594	2160	1873	2209	16.41	cps
Beryllium	9-1	313	267	187	256	25.07	cps
Bismuth	209-1	9939437	9463050	9518472	9640319	2.70	cps
Bismuth	209-2	7865583	7961381	7857716	7894893	0.73	cps
Bromine	81-1	15351	15001	15014	15122	1.31	cps
Bromine	81-2	167	170	183	173	5.09	cps
Cadmium	108-1	37	37	23	32	23.90	cps
Cadmium	106-1	3857	3520	3380	3586	6.83	cps
Cadmium	111-1	3108	2749	2603	2820	9.21	cps
Calcium	43-1	1993	1767	1577	1779	11.73	cps
Calcium	44-1	35475	33618	29452	32848	9.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1680	1590	1713	1661	3.84	cps
Cobalt	59-2	460	397	417	424	7.63	cps
Copper	63-2	3537	3154	2934	3208	9.52	cps
Dysprosium	156-1	17	10	3	10	66.70	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	57	63	50	57	11.76	cps
Erbium	164-2	23	67	47	46	47.61	cps
Gadolinium	160-1	47	43	37	42	12.06	cps
Gadolinium	160-2	600	707	570	626	11.48	cps
Holmium	165-1	15905271	15222529	15159869	15429223	2.68	cps
Holmium	165-2	10994966	11000266	10909049	10968094	0.47	cps
Indium	115-1	12944932	12302310	12293674	12513639	2.99	cps
Indium	115-2	4705548	4643753	4683351	4677550	0.67	cps
Iron	56-2	82957	74949	68435	75447	9.64	cps
Iron	57-2	2670	2480	2230	2460	8.97	cps
Iron	54-2	6205	5521	5298	5674	8.33	cps
Krypton	83-1	193	173	213	193	10.34	cps

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On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:37:59	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5088	4397	3874	4453	13.67	cps
Lead	207-1	4331	3884	3257	3824	14.10	cps
Lead	208-1	19282	17701	15210	17398	11.80	cps
Lithium	6-1	1869293	1805941	1787384	1820873	2.36	cps
Magnesium	24-2	11831	10180	8899	10304	14.27	cps
Manganese	55-2	2434	2134	1980	2182	10.57	cps
Molybdenum	94-1	4541	4104	3334	3993	15.31	cps
Molybdenum	95-1	5901	5628	4477	5335	14.16	cps
Molybdenum	96-1	6898	6185	5244	6109	13.58	cps
Molybdenum	97-1	3941	3410	2844	3398	16.14	cps
Molybdenum	98-1	9960	8886	7379	8742	14.83	cps
Neodymium	150-1	17	10	17	14	26.66	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	447	497	520	488	7.68	cps
Phosphorus	31-2	147	80	127	118	29.05	cps
Potassium	39-2	68844	67877	66940	67887	1.40	cps
Rhodium	103-1	12073118	11535732	11486729	11698526	2.78	cps
Rhodium	103-2	7112392	7088969	7118147	7106503	0.22	cps
Scandium	45-1	7012311	6679395	6644598	6778768	2.99	cps
Scandium	45-2	597414	599459	600568	599147	0.27	cps
Selenium	82-1	549	501	504	518	5.17	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	483	477	493	484	1.73	cps
Silicon	28-1	611042	609417	611806	610755	0.20	cps
Silver	107-1	2290	1847	1647	1928	17.08	cps
Silver	109-1	2070	1703	1597	1790	13.87	cps
Sodium	23-2	42331	39363	37362	39686	6.30	cps
Strontium	86-1	693	650	643	662	4.10	cps
Strontium	88-1	3274	2947	2550	2924	12.39	cps
Sulfur	34-1	187137	186770	186253	186720	0.24	cps
Terbium	159-1	16471729	15630162	15709796	15937229	2.92	cps
Terbium	159-2	11056968	11000693	10967890	11008517	0.41	cps
Thallium	203-1	1873	1503	1457	1611	14.17	cps
Thallium	205-1	3944	3470	3140	3518	11.48	cps
Tin	118-1	2760	2584	2310	2551	8.89	cps
Titanium	47-1	1470	1357	1050	1292	16.82	cps

Reviewed By:Mohan
On:12/23/2024 4:14:13 AM
Inst Id :P7

LB Number :	LB134059	Operator :	Jaswal
Lab Sample ID :	CCB035	Instrumnet Name :	P7
Client Sample ID :	CCB035	Dilution Factor :	1
Date & Time Acquired :	2024-12-20 23:37:59	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3094	3034	2384	2837	13.88	cps
Vanadium	51-2	200	187	213	200	6.67	cps
Yttrium	89-1	14965888	14474383	14196238	14545503	2.68	cps
Yttrium	89-2	4110729	4072386	4152054	4111723	0.97	cps
Zinc	66-2	790	920	810	840	8.33	cps
Zirconium	90-1	2827	2574	2480	2627	6.83	cps
Zirconium	91-1	627	523	600	583	9.20	cps

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Prep Standard - Chemical Standard Summary

Order ID : P5189

Test : Metals CLP MS FULL

Prepbatch ID : PB165689,

Sequence ID/Qc Batch ID: LB134058,LB134059,

Standard ID :
MP83498,MP83499,MP83619,MP83620,MP83621,MP83622,MP83623,MP83625,MP83626,MP83627,MP83628,MP836
29,MP83630,MP83631,MP83632,MP83633,MP83634,MP83635,MP83636,MP83669,

Chemical ID :
M5288,M5289,M5295,M5304,M5390,M5476,M5498,M5513,M5515,M5516,M5519,M5565,M5657,M5658,M5698,M5739
,M5751,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M587
3,M5874,M5961,M5962,M5976,M5978,M5981,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6055,M6121,M61
25,M6126,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	MP83498	12/09/2024	12/28/2024	Janvi Patel	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6126 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP83499	12/09/2024	12/28/2024	Eman Mughal	None	None	Sarabjit Jaswal 12/09/2024

FROM 1250.00000ml of M6121 + 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)	MP83619	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 25.00000ml of M6121 + 4925.00000ml of W3112 + 50.00000ml of M6126 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP83620	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.10000ml of M5476 + 1.00000ml of M5799 + 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M6126 + 2.00000ml of M5815 + 2.00000ml of M5817 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6121 + 50.00000ml of M5304 + 832.50000ml of W3112 + 9.00000ml of M5698 + 9.00000ml of M5751 + 9.00000ml of M5819 + 9.00000ml of M5976 + 9.00000ml of M5978 + 9.90000ml of M5498 + 9.90000ml of M5769 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP83621	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 48.50000ml of W3112 + 50.00000ml of MP83620 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP83622	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 73.50000ml of W3112 + 25.00000ml of MP83620 = 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
3954	S4(SFAM,6020,200.8)	MP83623	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 86.00000ml of W3112 + 12.50000ml of MP83620 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP83625	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83621 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP83626	12/13/2024	01/07/2025	Sarabjit Jaswal	None	None	Mohan Bera 12/17/2024

FROM 0.05000ml of M5476 + 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 M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5751 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6121 + 226.25000ml of W3112 + 5.00000ml of M6126 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP83627	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 98.00000ml of W3112 + 0.50000ml of MP83626 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP83628	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.50000ml of M6121 + 1.00000ml of M6126 + 88.50000ml of W3112 + 10.00000ml of MP83627 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP83629	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP83619 = 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
1142	ICSA ICPMS	MP83630	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP83631	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP83619 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP83632	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5476 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 10.00000ml of M6126 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5516 + 24.95000ml of M5769 + 25.00000ml of M5304 + 4.50000ml of M5698 + 4.50000ml of M5751 + 4.50000ml of M5819 + 4.50000ml of M5976 + 4.50000ml of M5978 + 4.95000ml of M6033 + 5.00000ml of M6121 + 826.10000ml of W3112 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP83633	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.01000ml of M5769 + 9.99000ml of MP83619 = 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	MP83634	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP83633 + 96.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP83635	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 5.00000ml of M6126 + 75.00000ml of M5739 + 170.00000ml of MP83619 = 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
2902	S8 ICPMS	MP83636	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5516 + 5.00000ml of M5769 + 79.00000ml of MP83619 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP83669	12/13/2024	01/07/2025	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 12/17/2024

FROM 0.25000ml of M5476 + 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 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 M5751 + 0.50000ml of M5802 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M5976 + 1.25000ml of M5978 + 1.25000ml of M6021 + 10.00000ml of M6126 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5768 + 12.50000ml of M5806 + 150.00000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 5.00000ml of M5515 + 5.00000ml of M6121 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 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.	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	04/20/2021 / 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

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	07/29/2024 /Jaswal	03/16/2023 / jaswal	M5476

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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.	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.	58111 / Na, 10000 PPM, 500 ml	022123	11/06/2025	11/06/2024 / kareem	03/17/2023 / bin	M5516

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2022 / 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.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	071723	07/17/2026	10/01/2024 / Jaswal	08/25/2023 / jaswal	M5751

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

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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.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

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

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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.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

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

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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.	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 #
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

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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	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.	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	11/09/2026	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

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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.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	0000275677	05/13/2025	11/13/2024 / Eman	10/13/2024 / Eman	M6121

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	05/25/2025	11/26/2024 / Eman	11/22/2024 / Eman	M6125

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	06/03/2025	12/03/2024 / Janvi	11/12/2024 / Janvi	M6126

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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M6028

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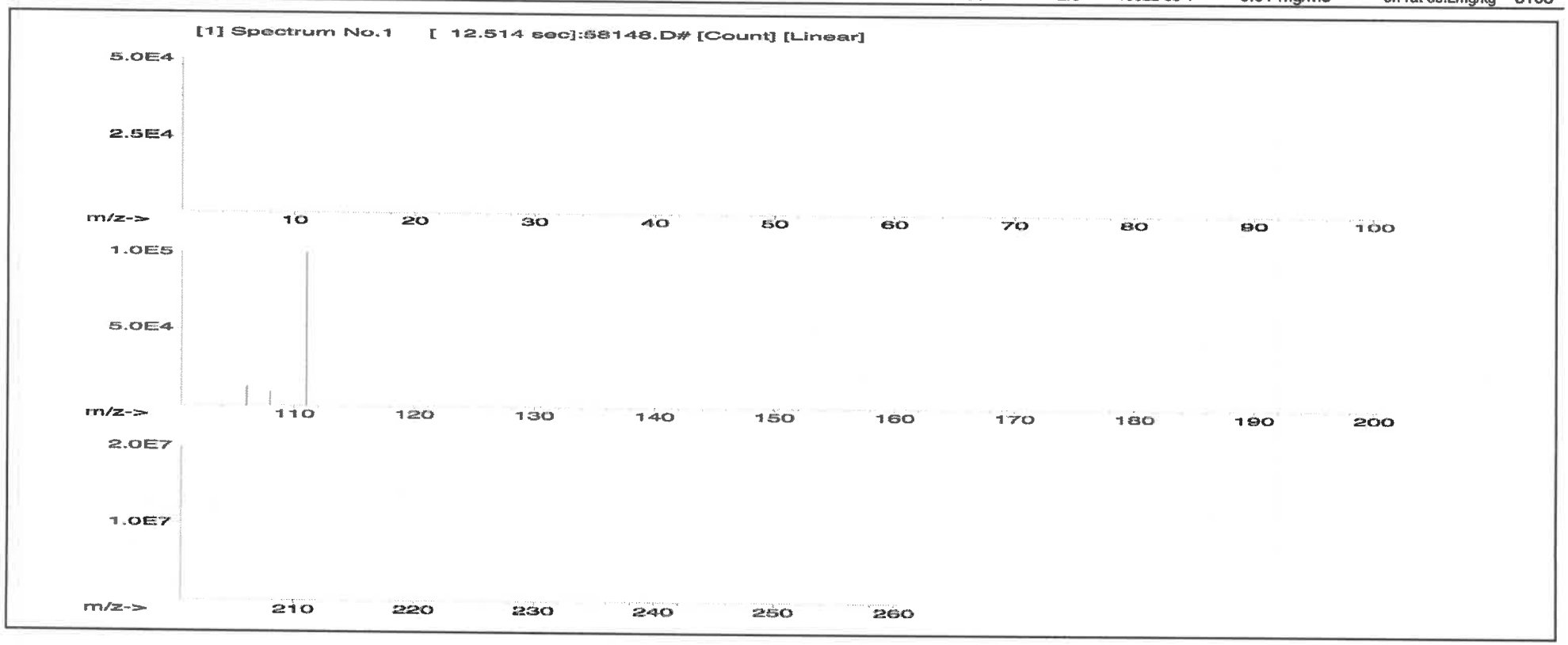
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

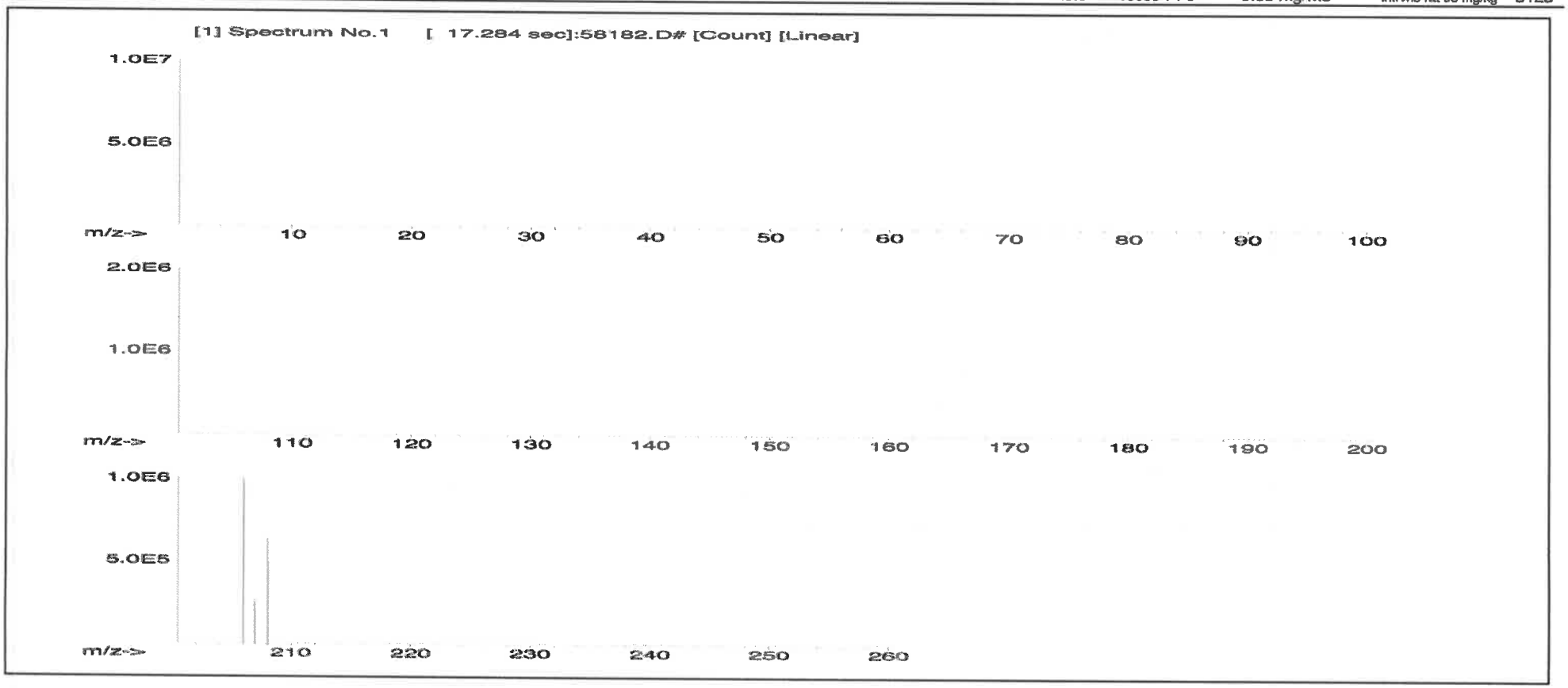
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5288 R: 07/21/2022

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CERTIFIED WEIGHT REPORT:

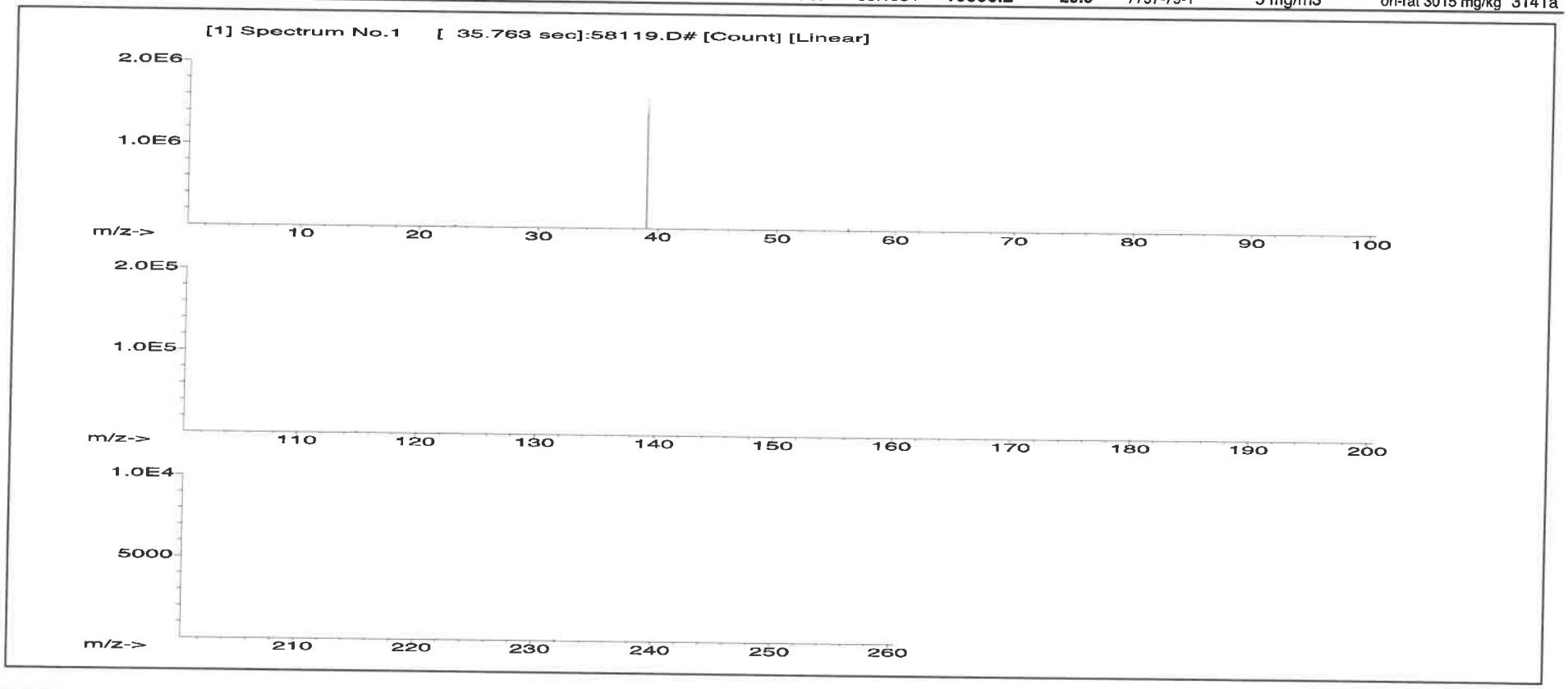
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	071122
Reviewed By:	Pedro L. Rentas	071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5289 R: 07/12/22 (BH)

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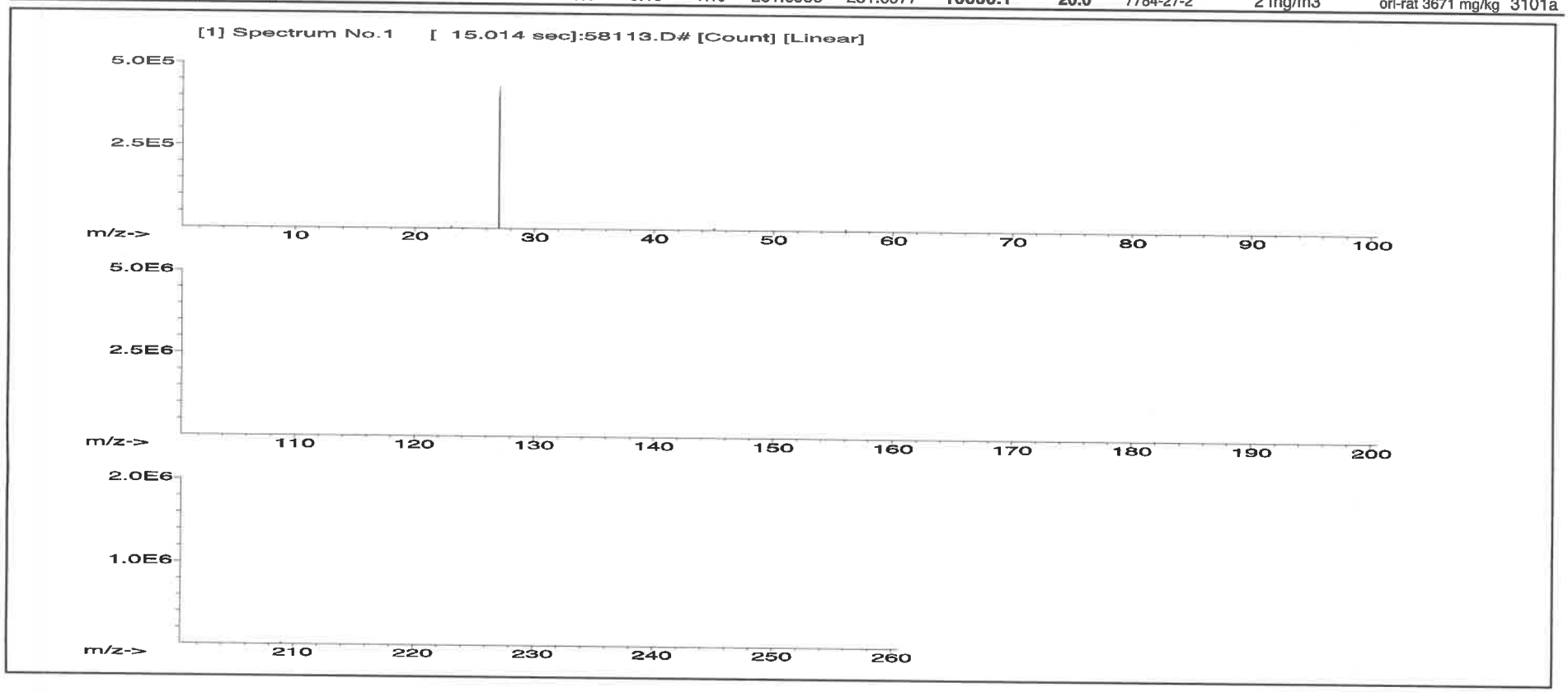
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CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
Lot Number:	**070622**		**Solvent:**	20370011	Nitric Acid
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	070625				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

The Quality Assurance Technical Support (QATS) contract is operated by APTIM Federal Services, LLC.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	S2-MEB711244
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea:

Silver,	Aluminum,
Arsenic,	Barium,
Beryllium,	Calcium,
Cadmium,	Cobalt,
Chromium,	Copper,
Iron,	Potassium,
Magnesium,	Manganese,
Sodium,	Nickel,
Lead,	Antimony,
Selenium,	Thallium,
Vanadium,	Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**20.01 ± 0.08 µg/mL**	**Antimony, Sb**	**20.01 ± 0.12 µg/mL**
Arsenic, As	**20.01 ± 0.18 µg/mL**	**Barium, Ba**	**20.01 ± 0.11 µg/mL**
Beryllium, Be	**20.01 ± 0.14 µg/mL**	**Cadmium, Cd**	**20.01 ± 0.11 µg/mL**
Calcium, Ca	**20.01 ± 0.10 µg/mL**	**Chromium, Cr**	**20.01 ± 0.16 µg/mL**
Cobalt, Co	**20.01 ± 0.11 µg/mL**	**Copper, Cu**	**20.01 ± 0.10 µg/mL**
Iron, Fe	**20.01 ± 0.09 µg/mL**	**Lead, Pb**	**20.01 ± 0.11 µg/mL**
Magnesium, Mg	**19.99 ± 0.10 µg/mL**	**Manganese, Mn**	**20.01 ± 0.10 µg/mL**
Nickel, Ni	**20.01 ± 0.11 µg/mL**	**Potassium, K**	**20.01 ± 0.10 µg/mL**
Selenium, Se	**20.02 ± 0.14 µg/mL**	**Silver, Ag**	**20.02 ± 0.09 µg/mL**
Sodium, Na	**20.01 ± 0.10 µg/mL**	**Thallium, Tl**	**20.01 ± 0.13 µg/mL**
Vanadium, V	**20.01 ± 0.11 µg/mL**	**Zinc, Zn**	**20.01 ± 0.11 µg/mL**

Density: 1.026 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Fe	Calculated		See Sec. 4.2
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2
V	ICP Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

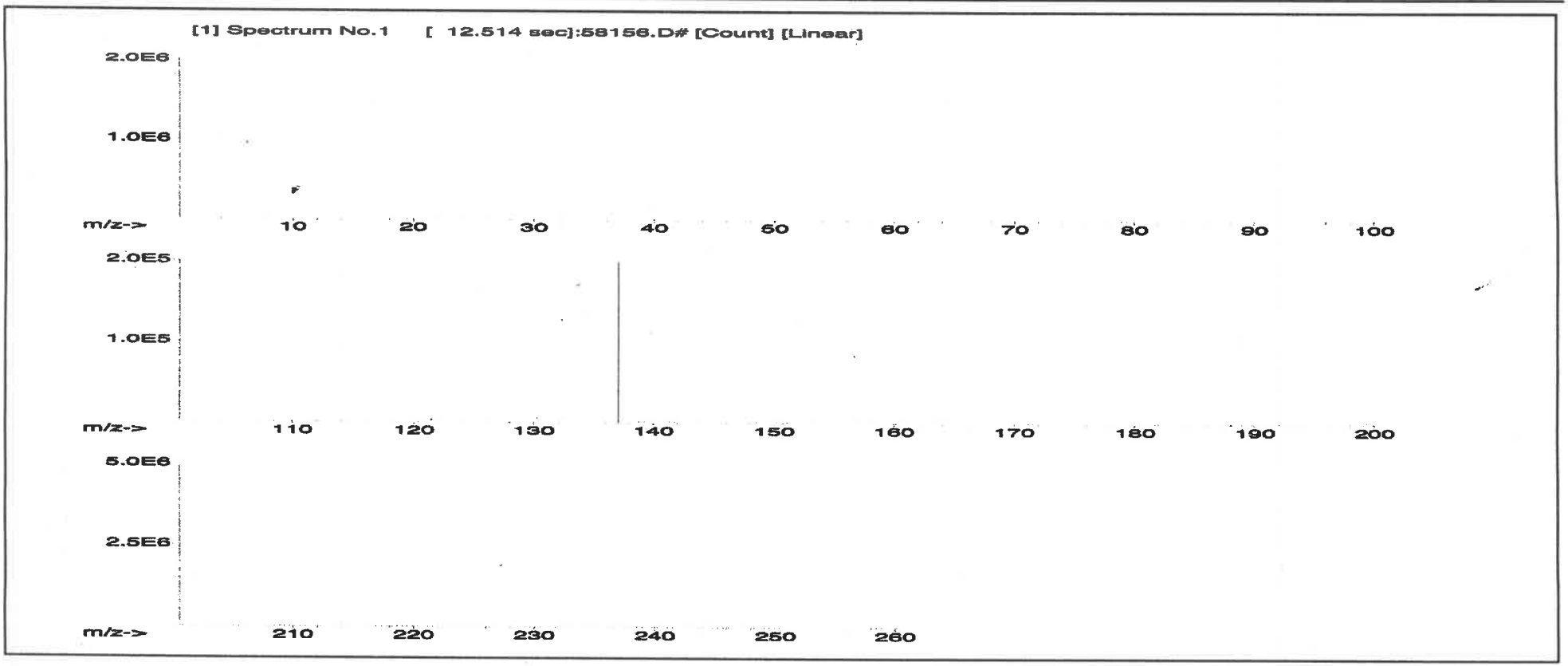
CERTIFIED WEIGHT REPORT:

		Lot #		
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	**2.0**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

IN5497 - IN5498 R: 03/17/23 BH

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https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

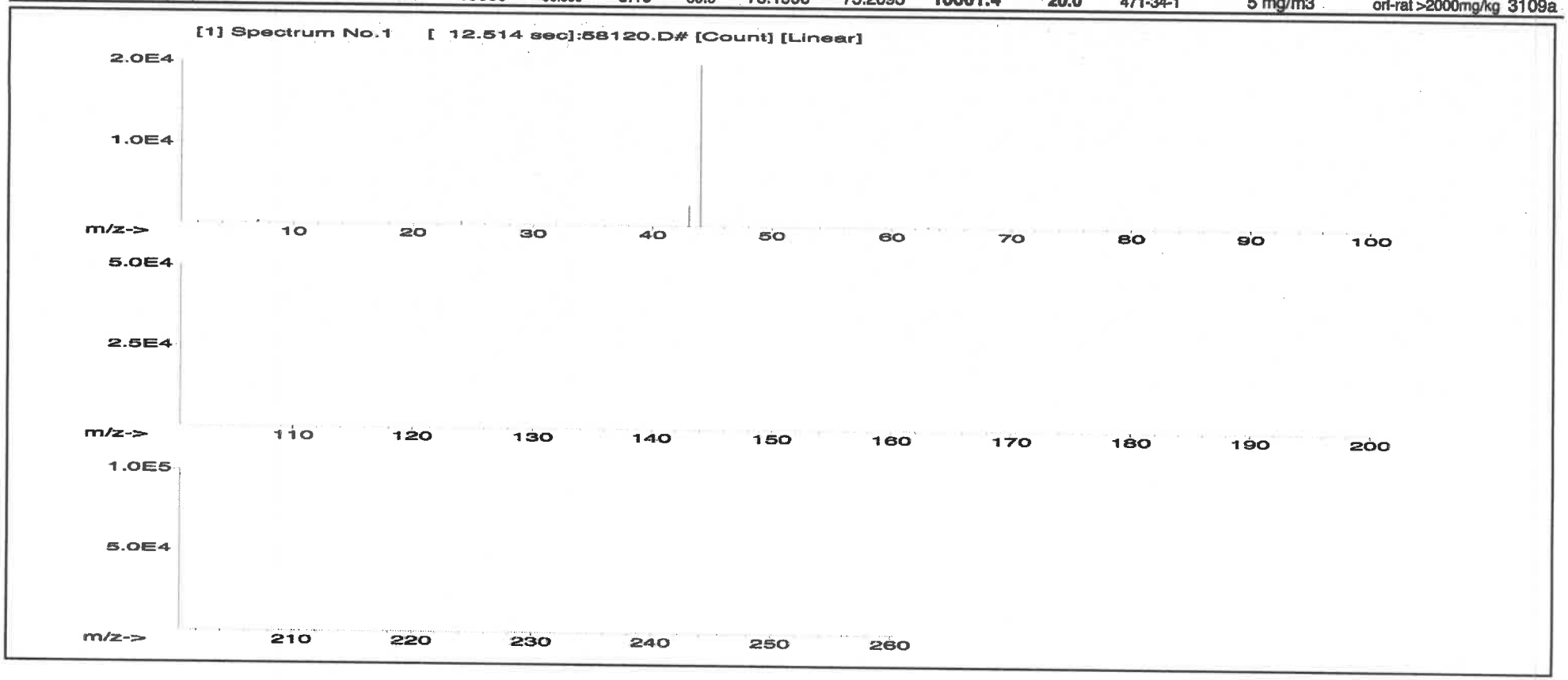
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

		Lot #	
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	031523
Reviewed By:	Pedro L. Rentas	031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

MS513 R:03/17/23 BE

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

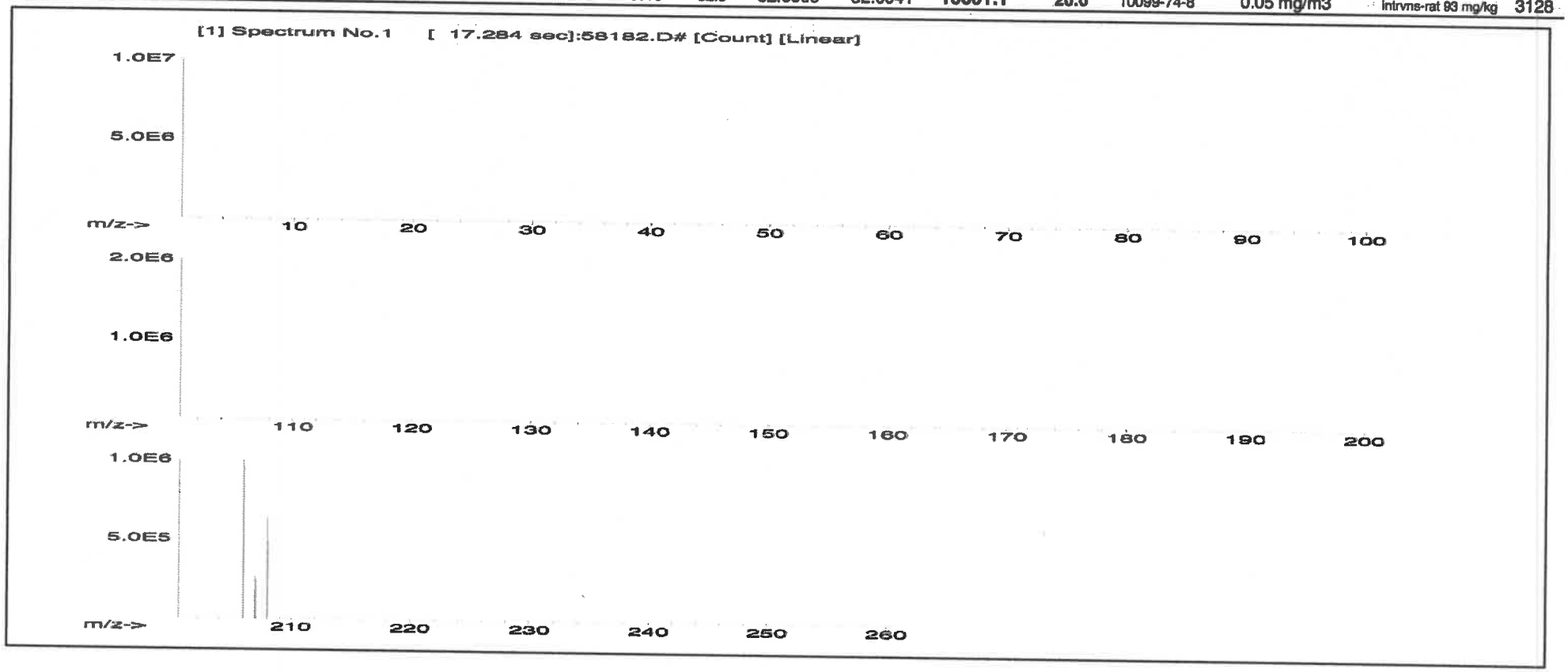
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* 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: 03/17/23

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AR-1539 Certificate Number
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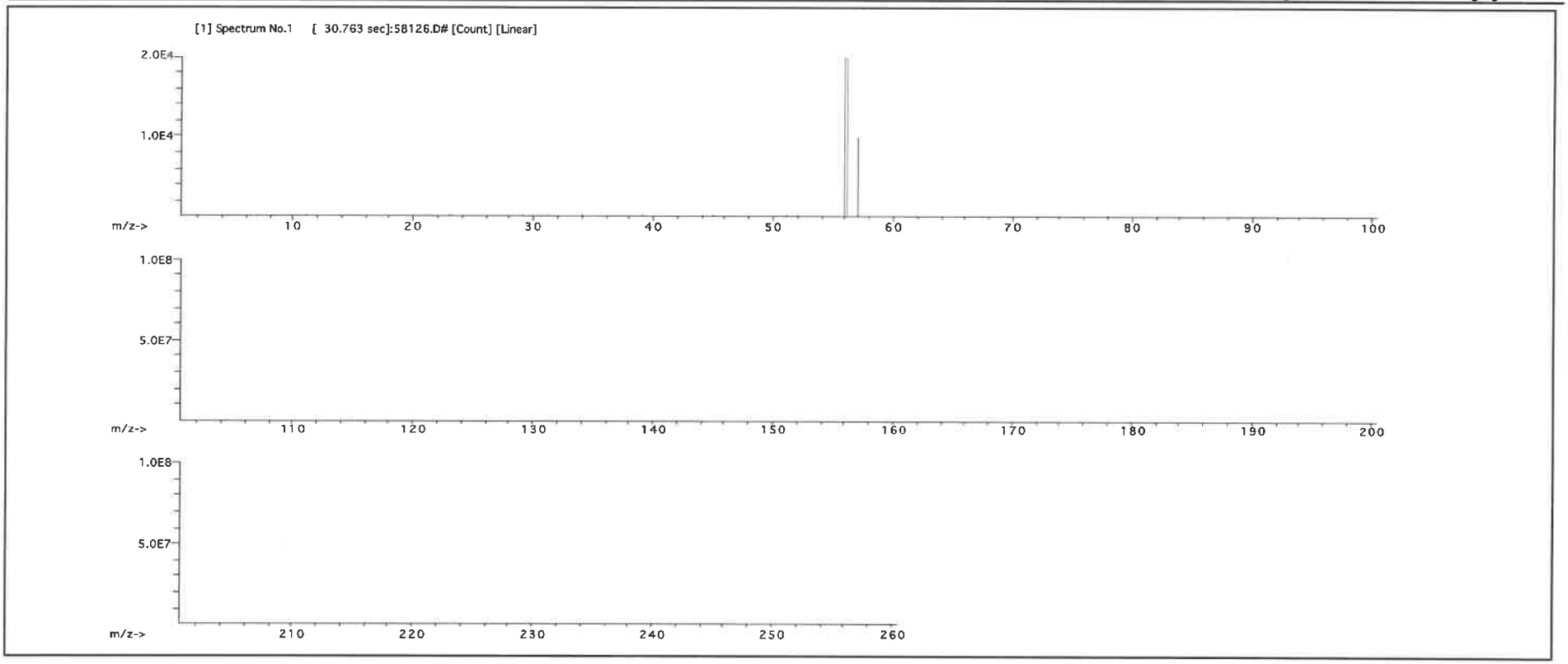
CERTIFIED WEIGHT REPORT:

Part Number:	**58126**		**Lot #**		
Lot Number:	**092122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Iron (Fe)**		7.0%	350.0 (mL)	Nitric Acid
Expiration Date:	092125				
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):	5000.1	0.12	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* 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

M516 M517 R: 03/17/22 BH

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 022123
Description: Sodium (Na)

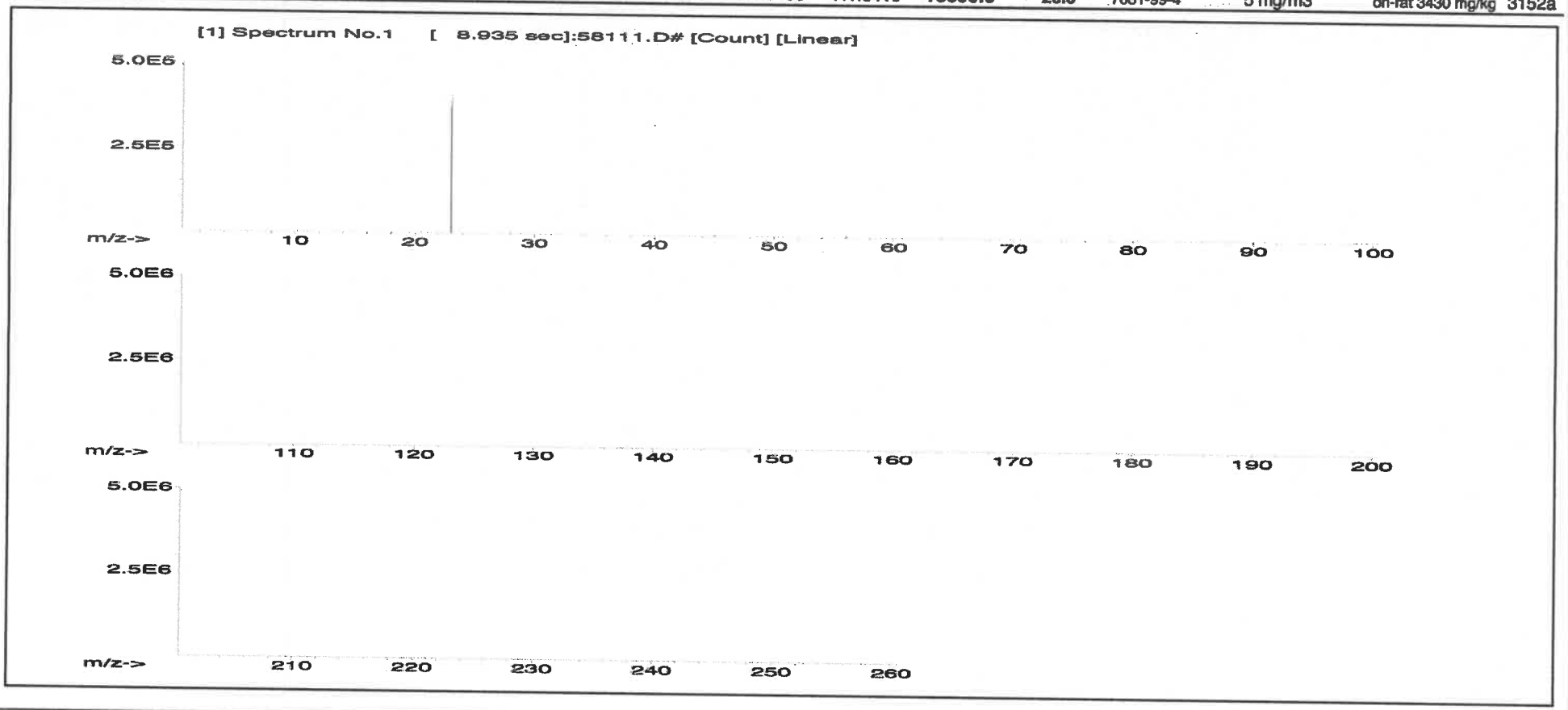
Expiration Date: 022126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 0.06 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	022123
Reviewed By:	Pedro L. Rentas	022123

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	111.5410	**10000.0**	**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:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M519. M520 (BH) R:03/17/23

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

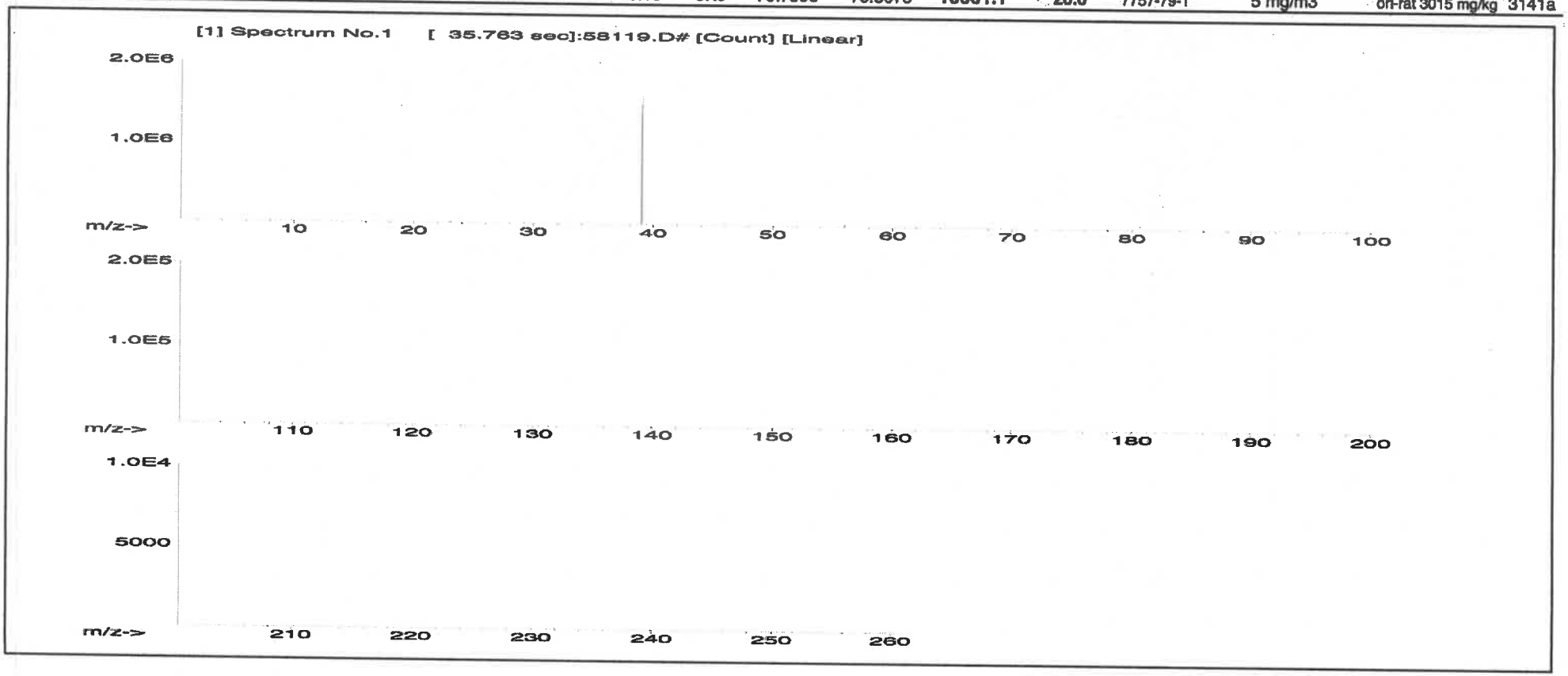
Lot #		
Solvent: 20510011		Nitric Acid
2%	60.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120822
Reviewed By:	Pedro L. Rentas	120822

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	79.7990	79.8075	**10001.1**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

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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).

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



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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:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	**99.9 ± 0.8 µg/mL**	**Arsenic, As**	**40.00 ± 0.25 µg/mL**
Cadmium, Cd	**49.96 ± 0.22 µg/mL**	**Lead, Pb**	**19.99 ± 0.10 µg/mL**
Selenium, Se	**10.00 ± 0.06 µg/mL**	**Thallium, Tl**	**49.96 ± 0.32 µg/mL**

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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Certified Reference Material CRM

M5658 R ! 8/25/23

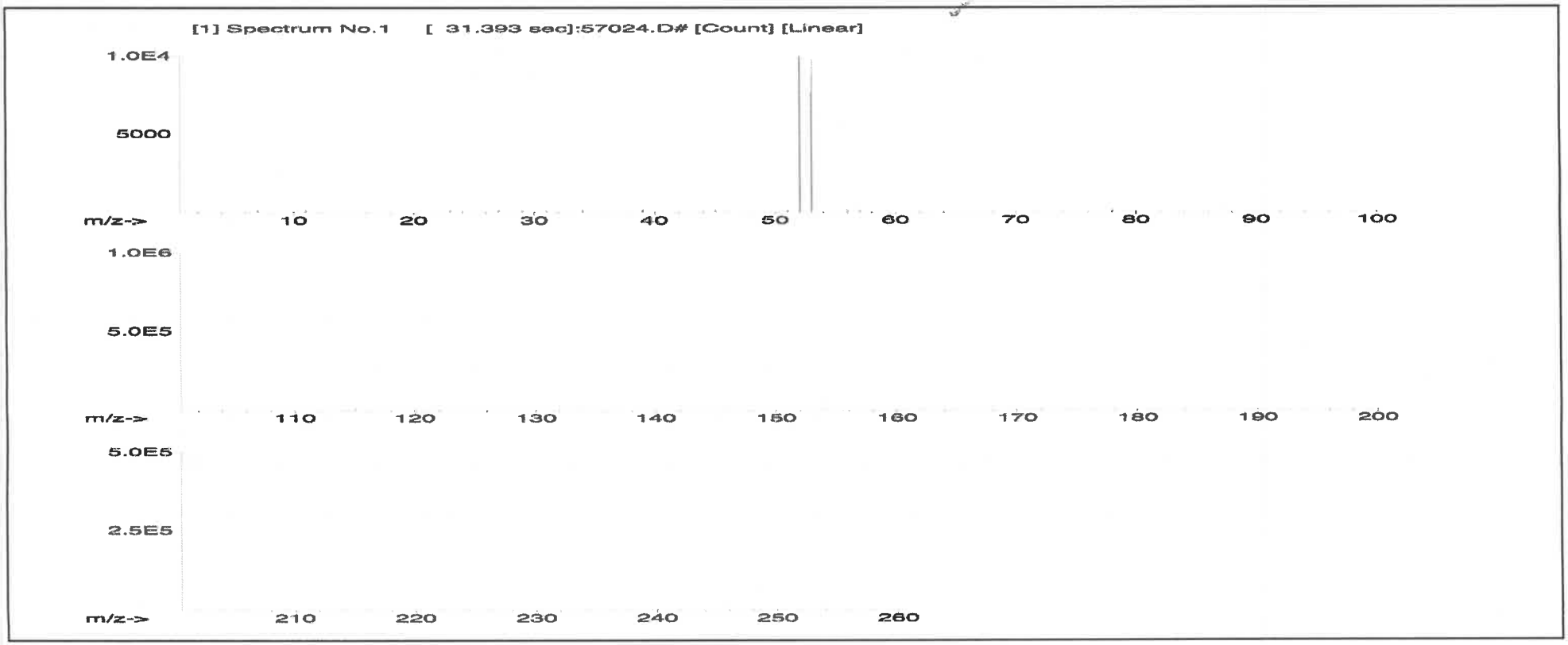
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5648 R: 10/27/23

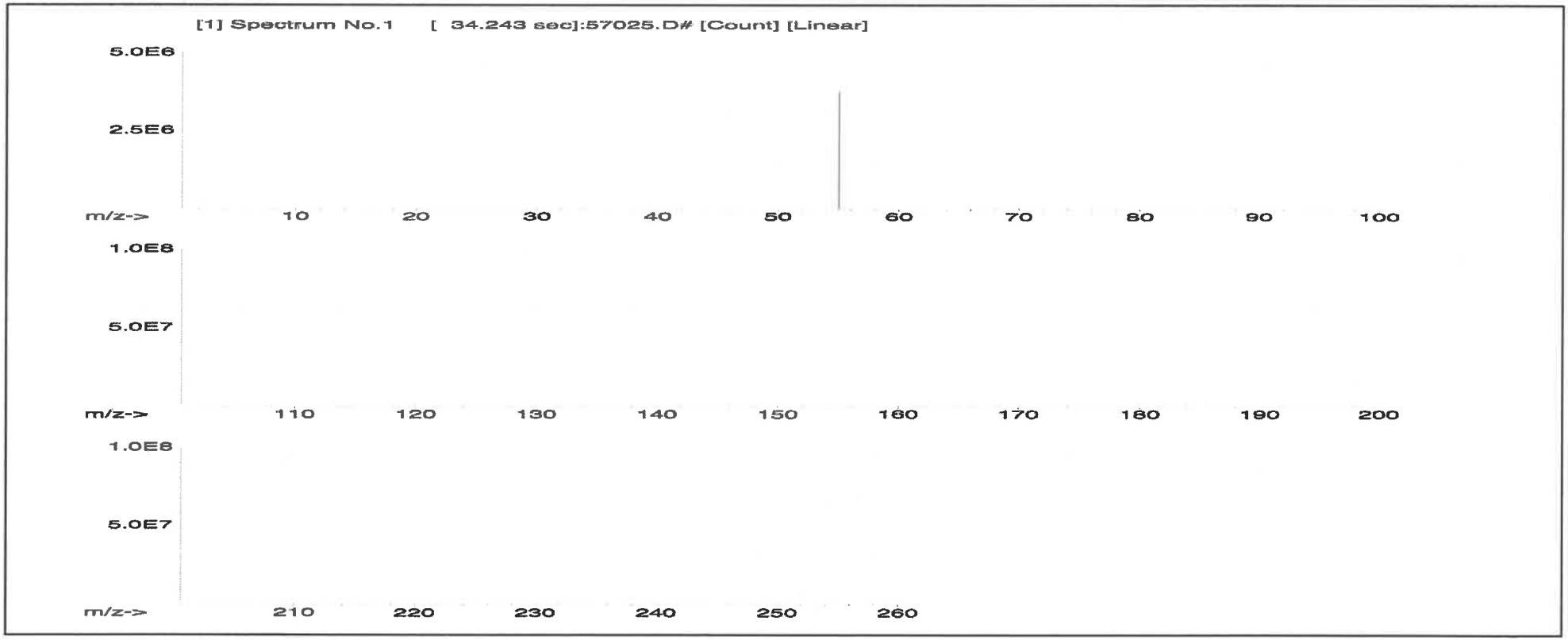
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CERTIFIED WEIGHT REPORT:

		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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Certified Reference Material CRM

R: 8/25/23 M5751

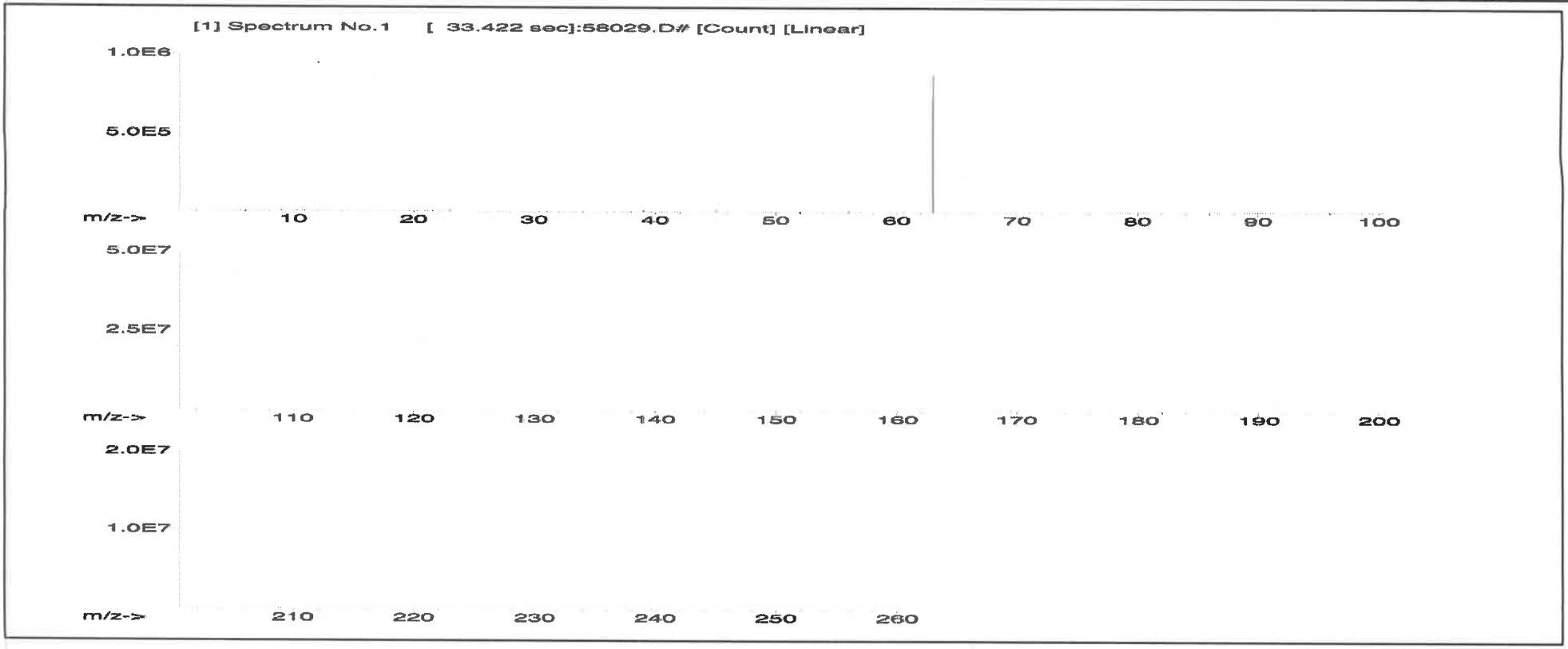
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	21110221	Nitric Acid	
Lot Number:	**071723**			
Description:	**Copper (Cu)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071723
Reviewed By:	Pedro L. Rentas	071723

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	022723	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

Certified Reference Material CRM

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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

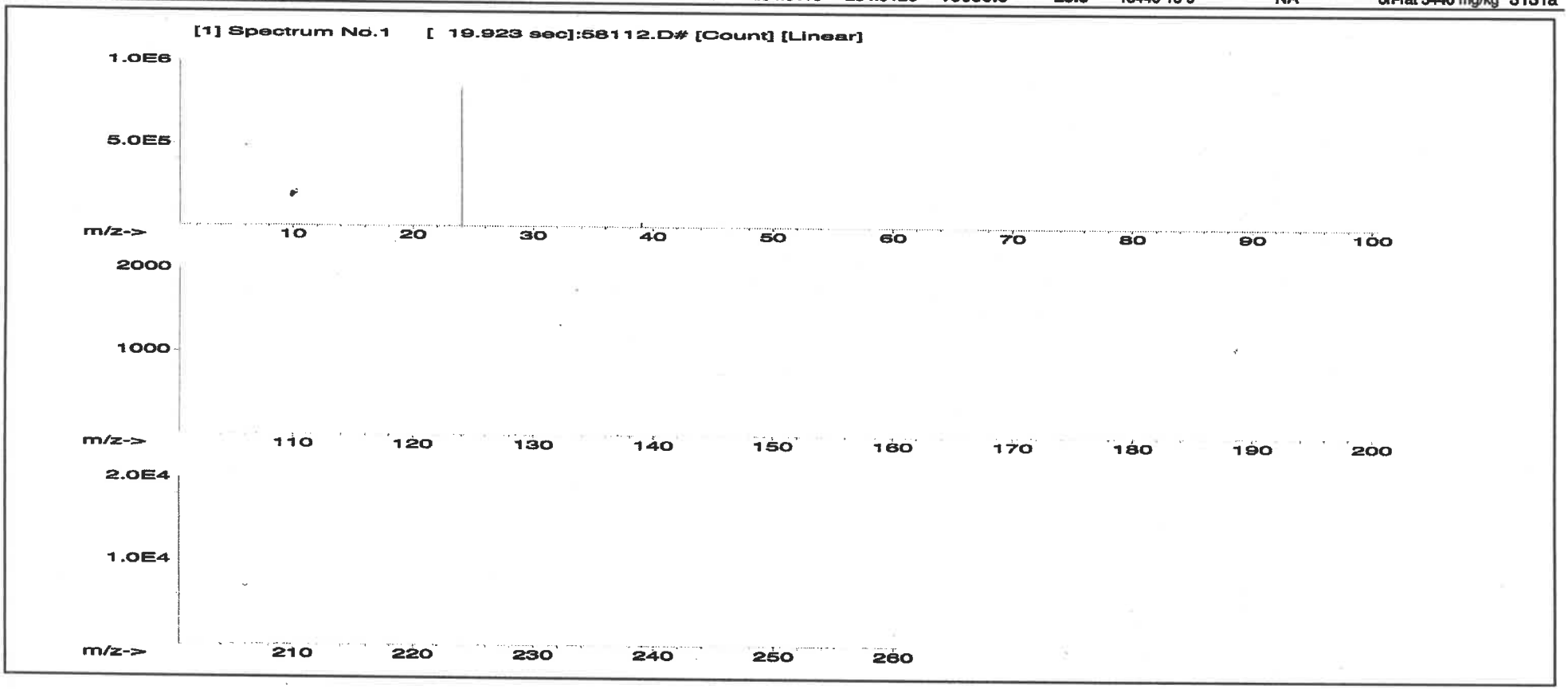
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

Certified Reference Material CRM

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

M5768, M5769 (BP) R: 1/3/24

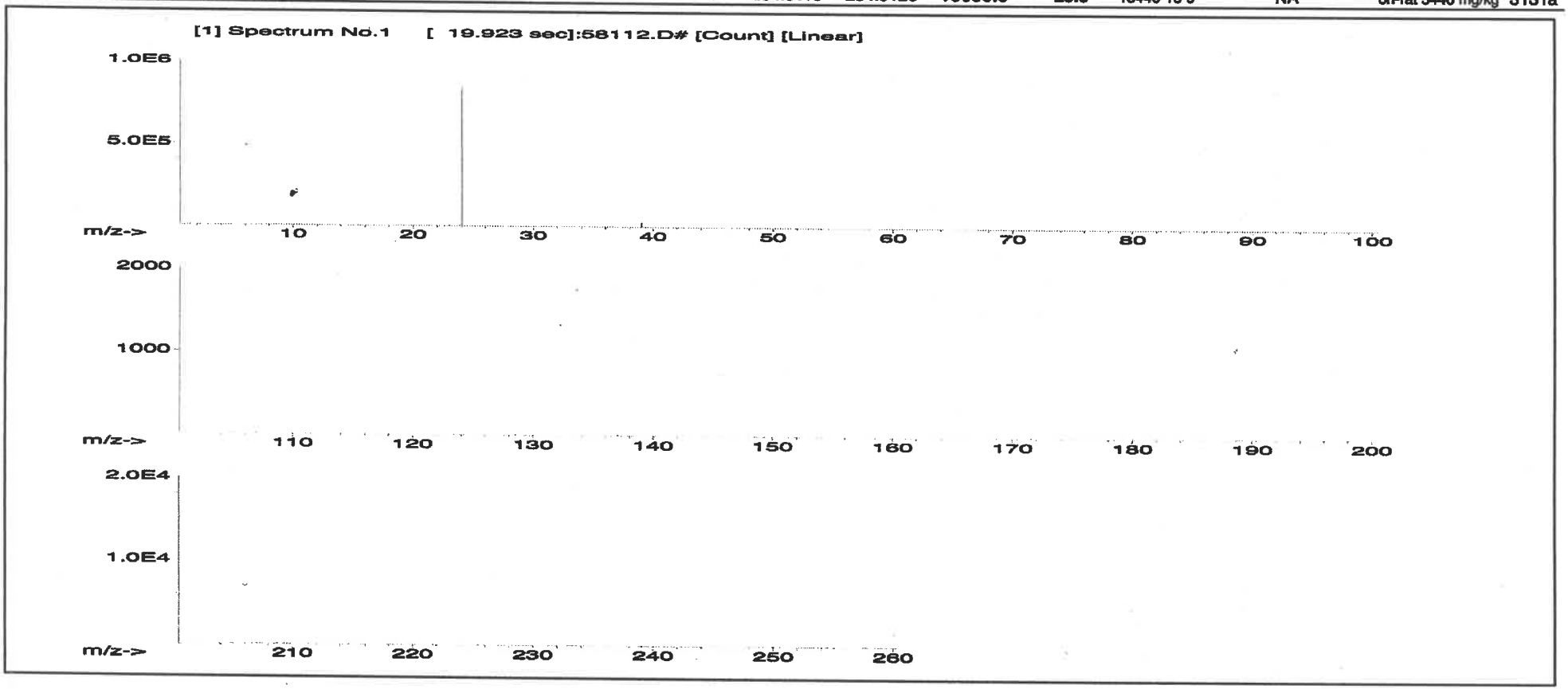
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* 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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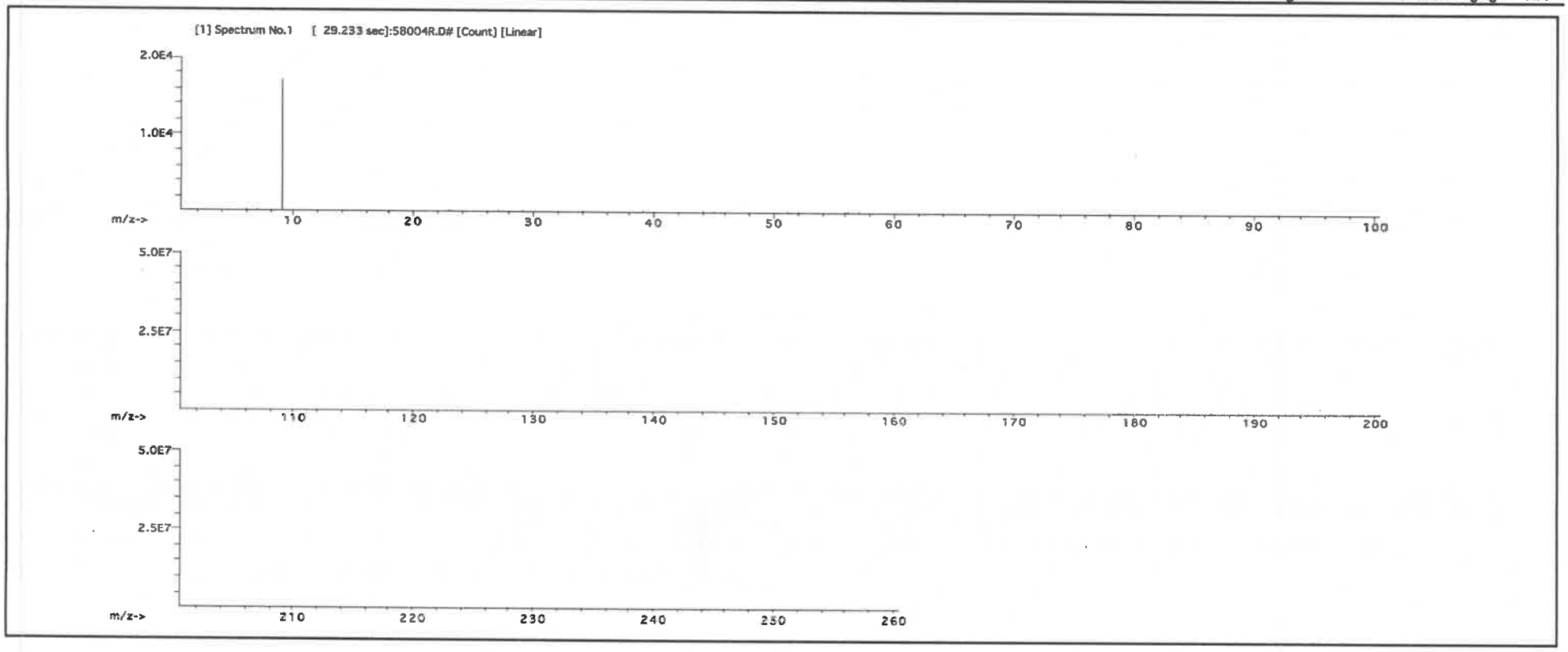
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

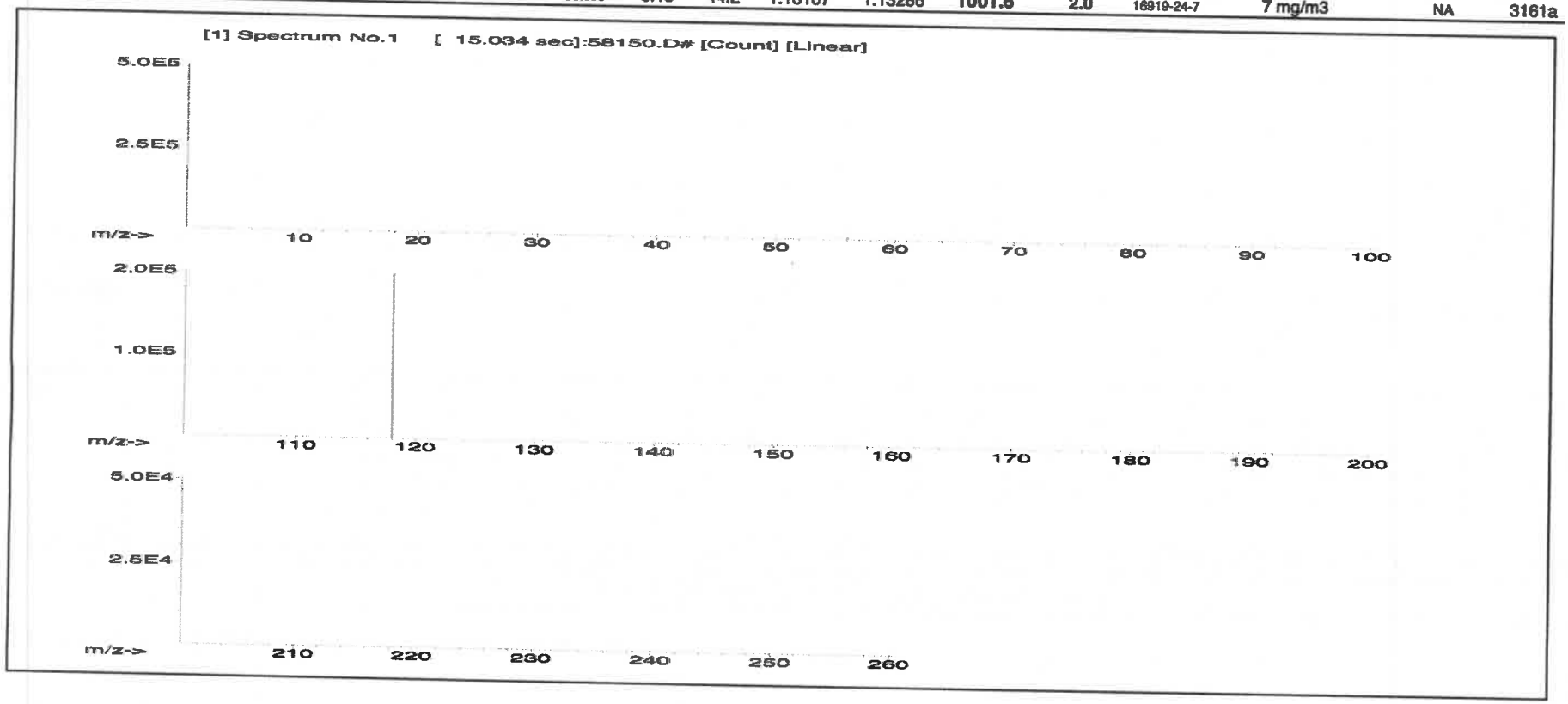
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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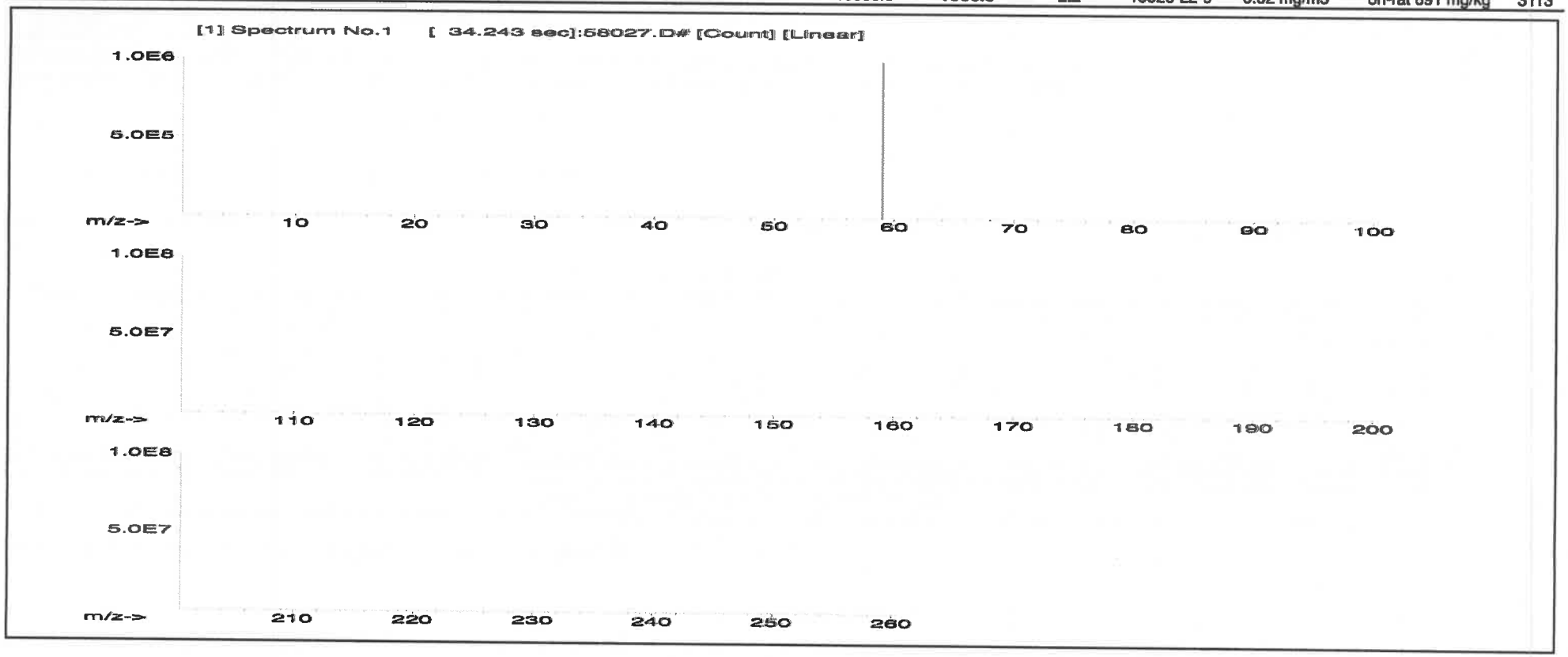
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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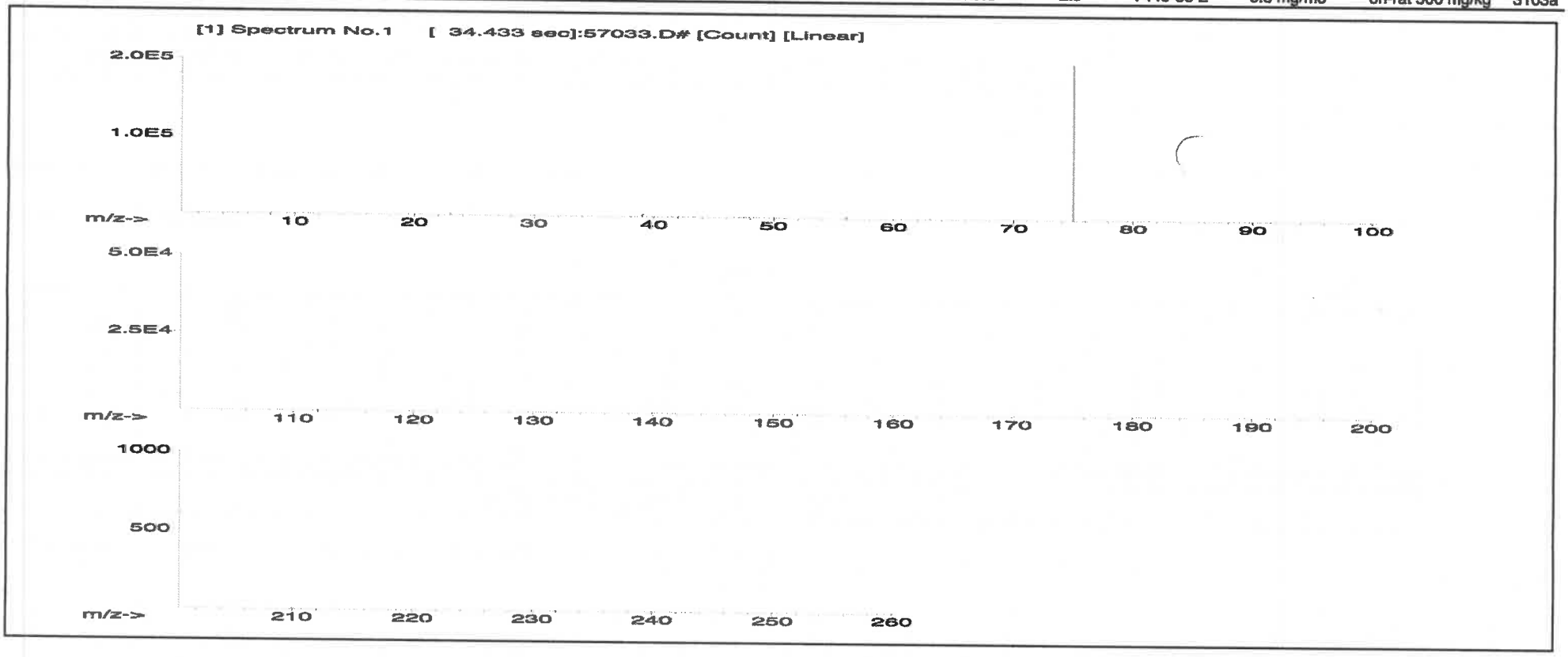
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CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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R1 02/09/24. M58165

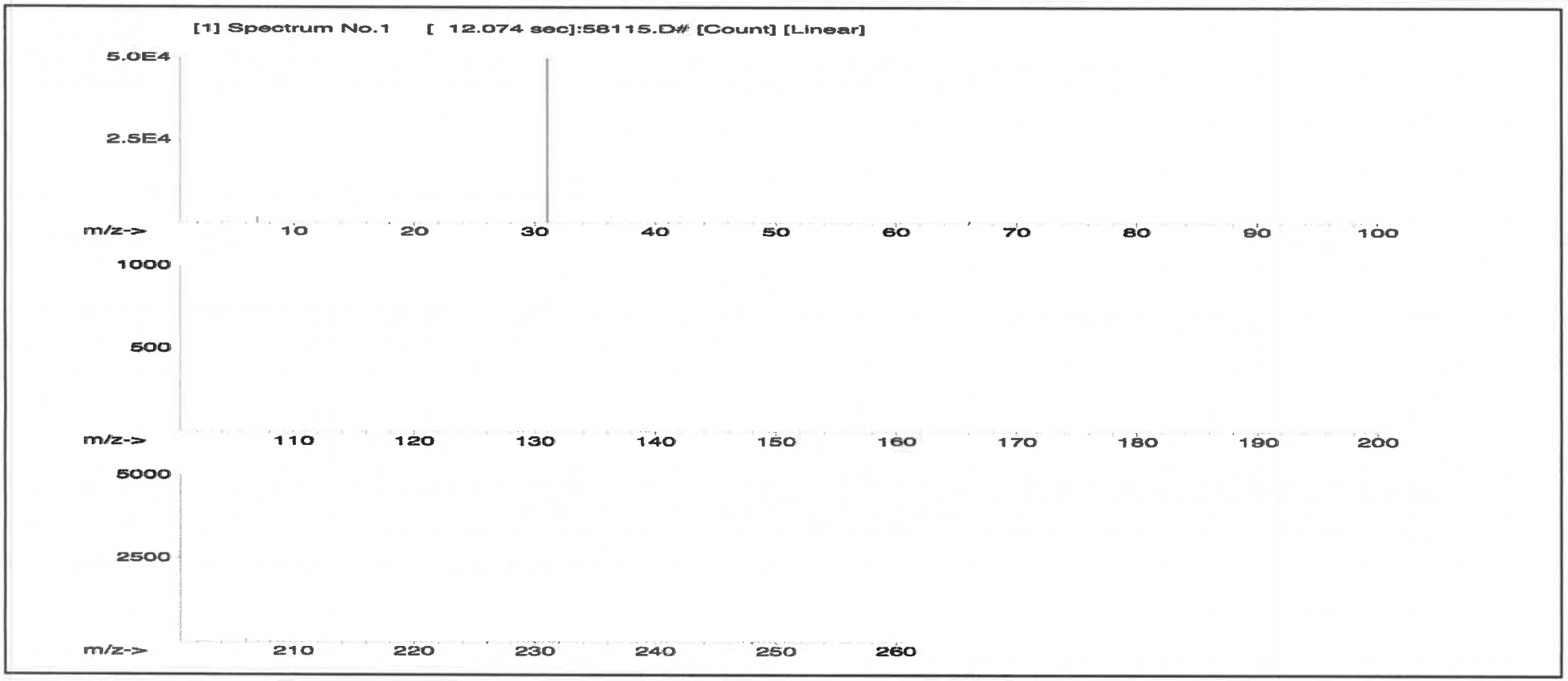
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CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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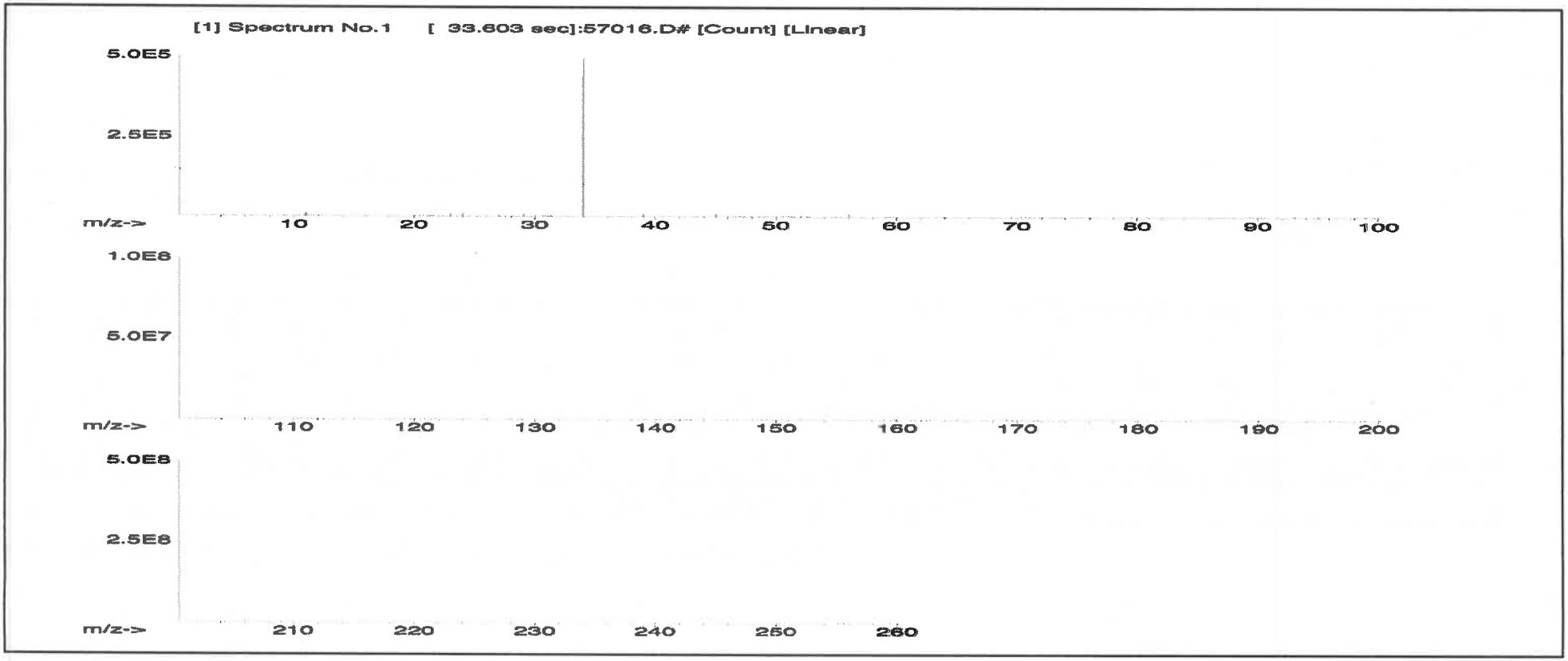
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CERTIFIED WEIGHT REPORT:

Part Number:	**57016**	**Solvent:**	**Lot #** 122923	ASTM Type 1 Water
Lot Number:	**122923**			
Description:	**Sulfur (S)**			
Expiration Date:	122926			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty	

Formulated By:	Benson Chan	122923
Reviewed By:	Pedro L. Rentas	122923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	1000	99.9	0.10	24.3	16.4979	16.4980	**1000.0**	**2.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

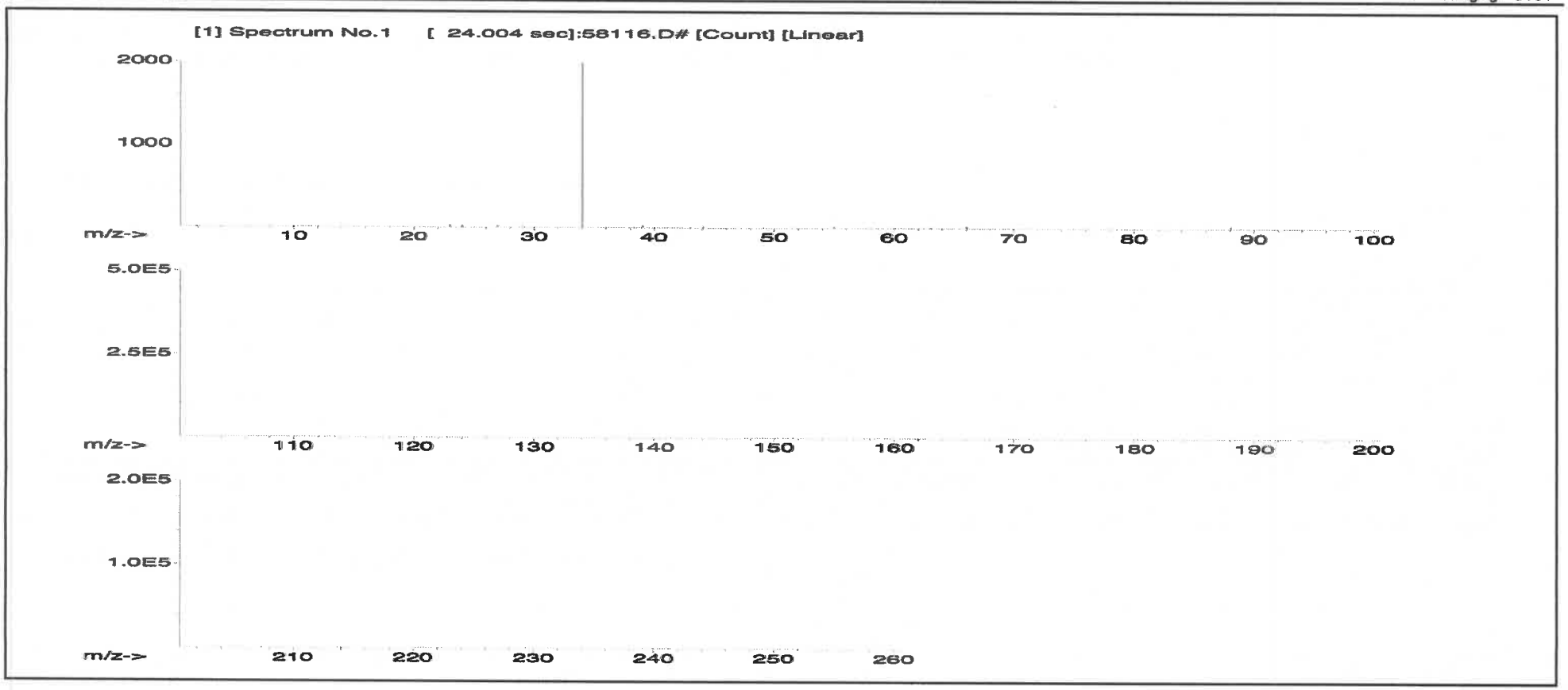
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

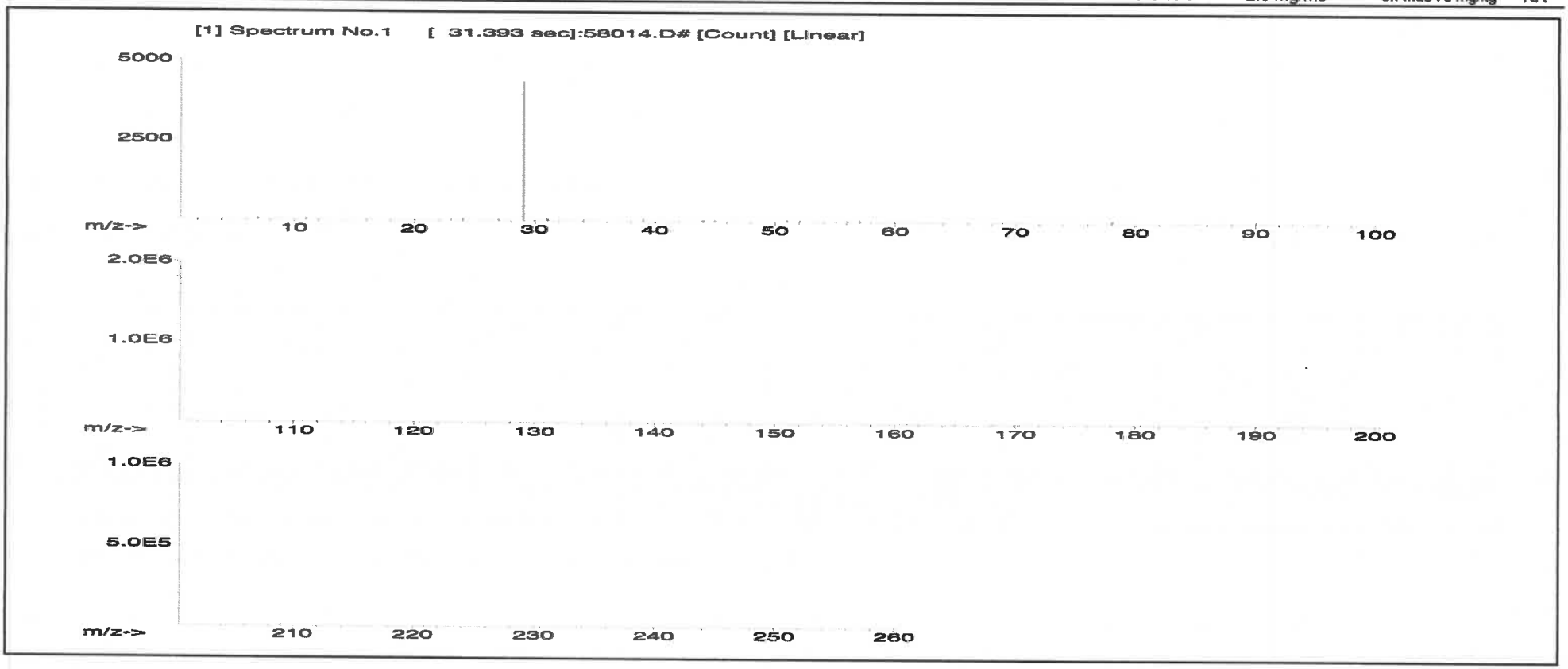
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

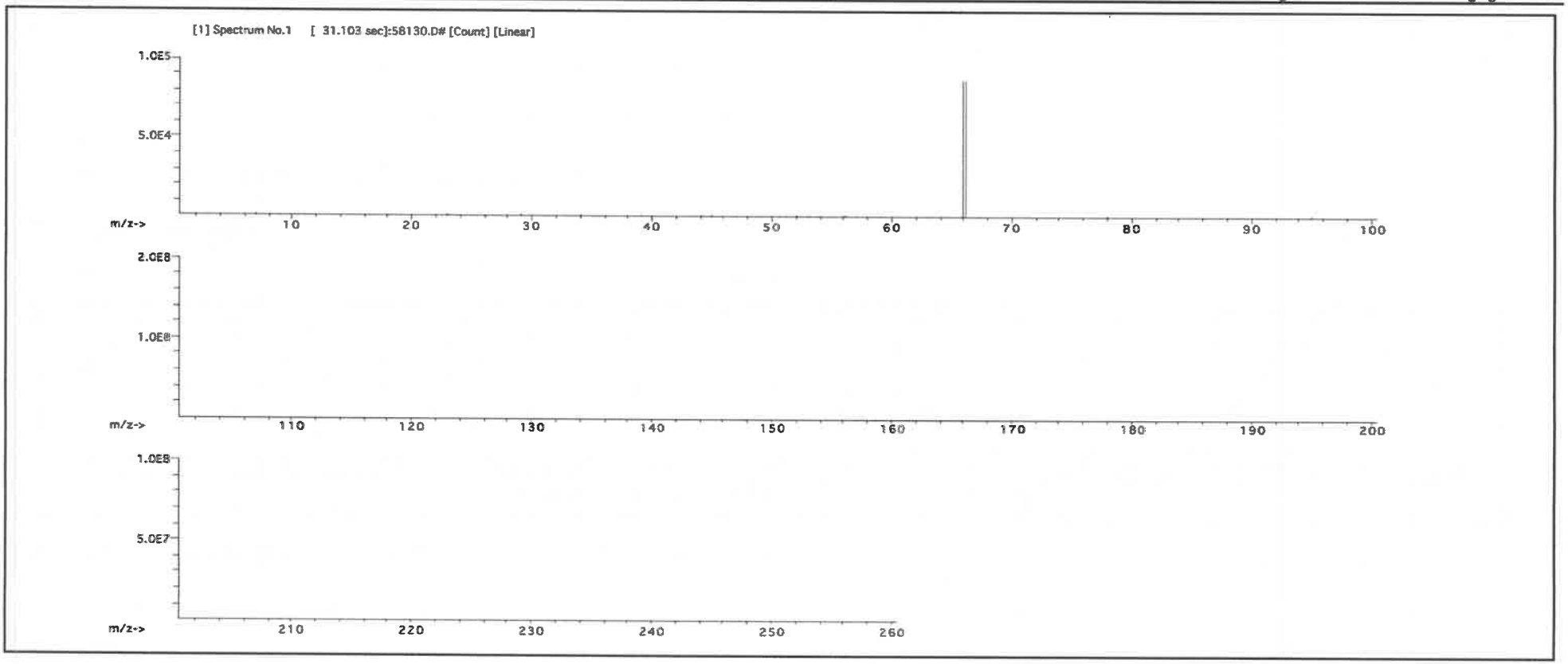
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

		Lot #		
Solvent:	24002546	Nitric Acid		
	2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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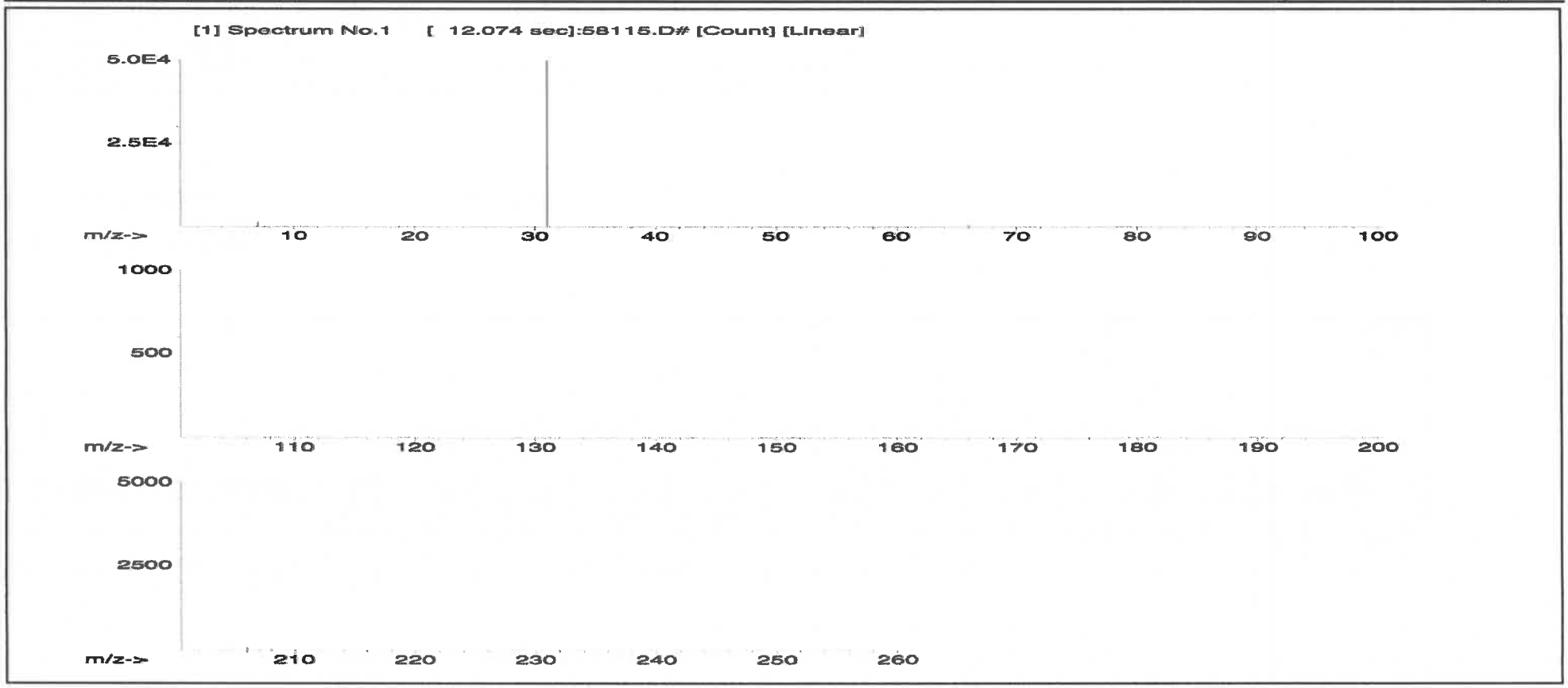
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CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* 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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M5961 R: 6/11/24

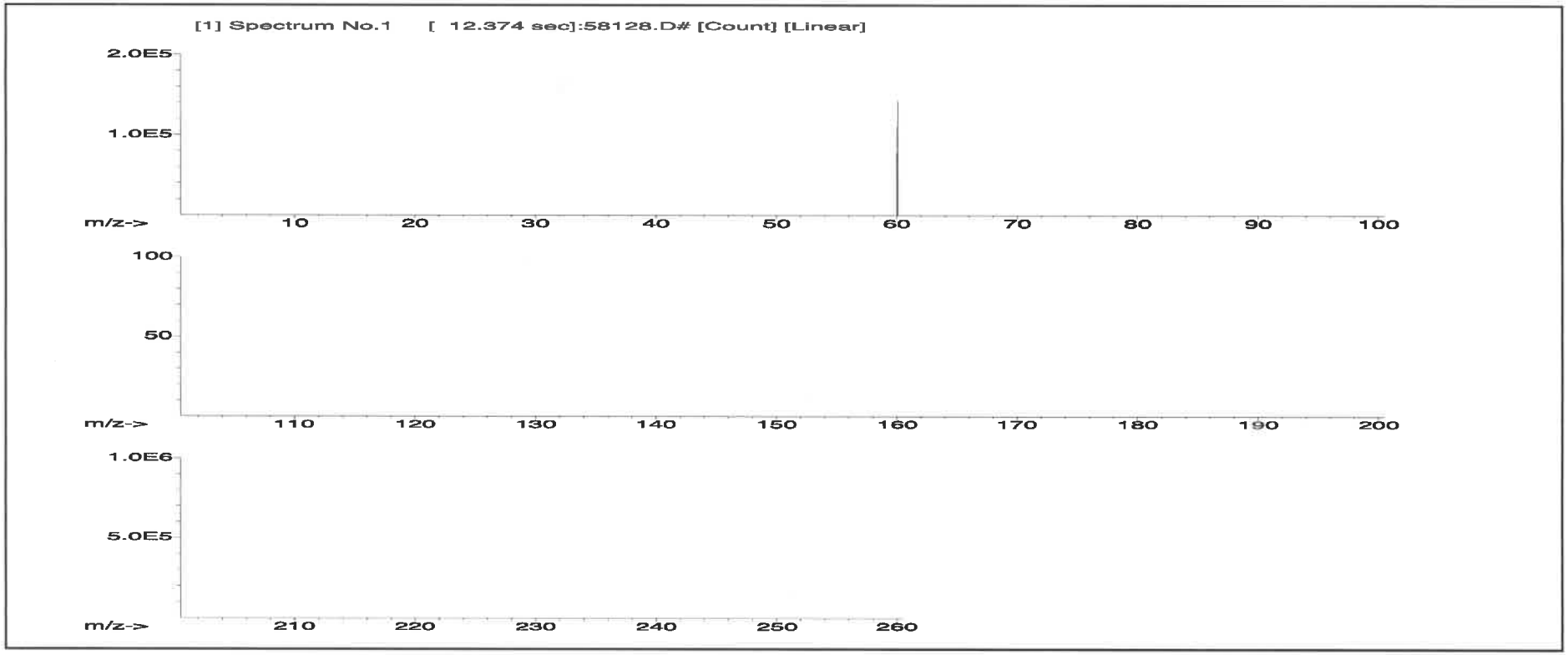
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CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57028**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**041124**			
Description:	**Nickel (Ni)**			
		2%	5.0 (mL)	Nitric Acid
Expiration Date:	041127			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	249.85	0.002	Flask Uncertainty	

Formulated By:	Brian Geddes	041124
Reviewed By:	Pedro L. Rentas	041124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Nickel(II) nitrate hexahydrate (Ni)	IN033	NIM052023A1	1000	99.999	0.10	20.2	1.2369	1.2369	**1000.0**	**2.0**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
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Certified Reference Material CRM

M5962 R! 06/14/24.

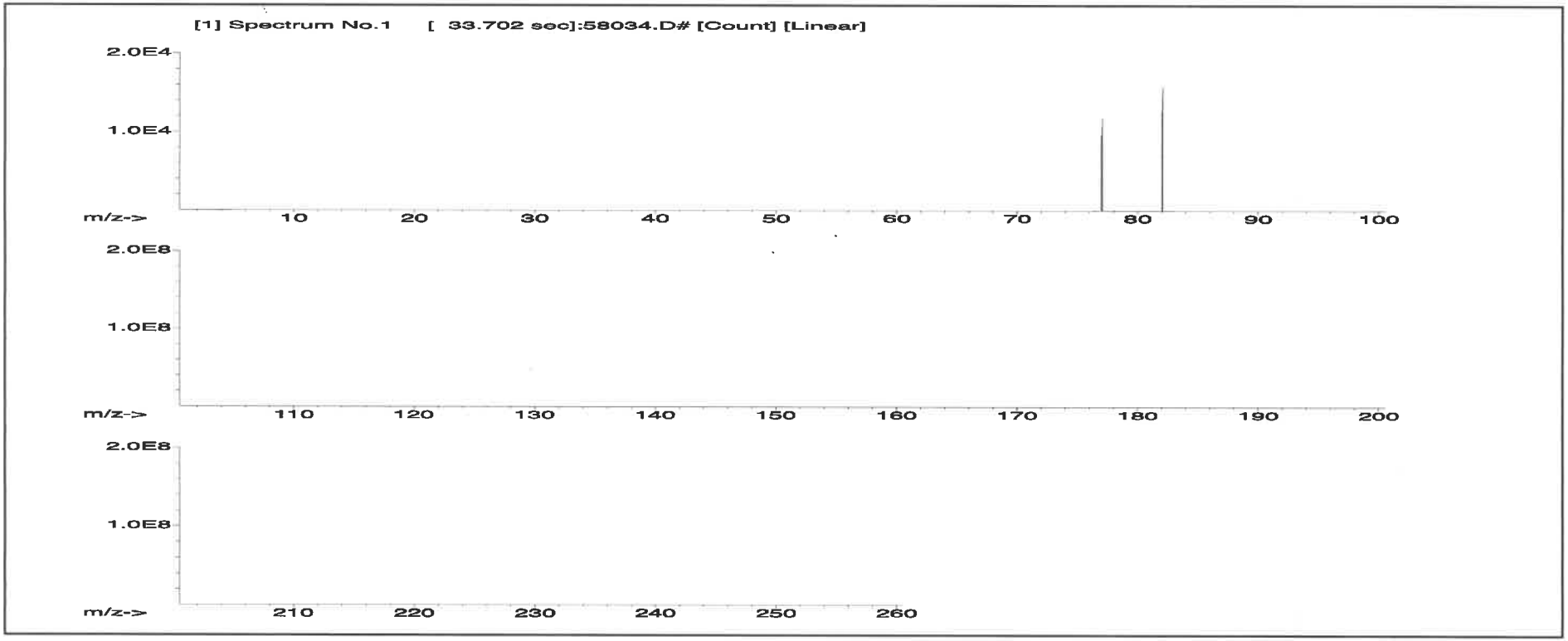
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	24002546	Nitric Acid	
Lot Number:	**060624**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060627			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	060624
Reviewed By:	Pedro L. Rentas	060624

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Selenium (Se)	58134	071223	0.1000	200.0	0.084	1000	10002.5	**1000.0**	**2.2**	7782-49-2	0.2 mg/m3	orl-rat 6700 mg/kg	3149



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



M5978, M5979

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO_3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma(w_i)^2\ (u_{char\ i})^2]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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	

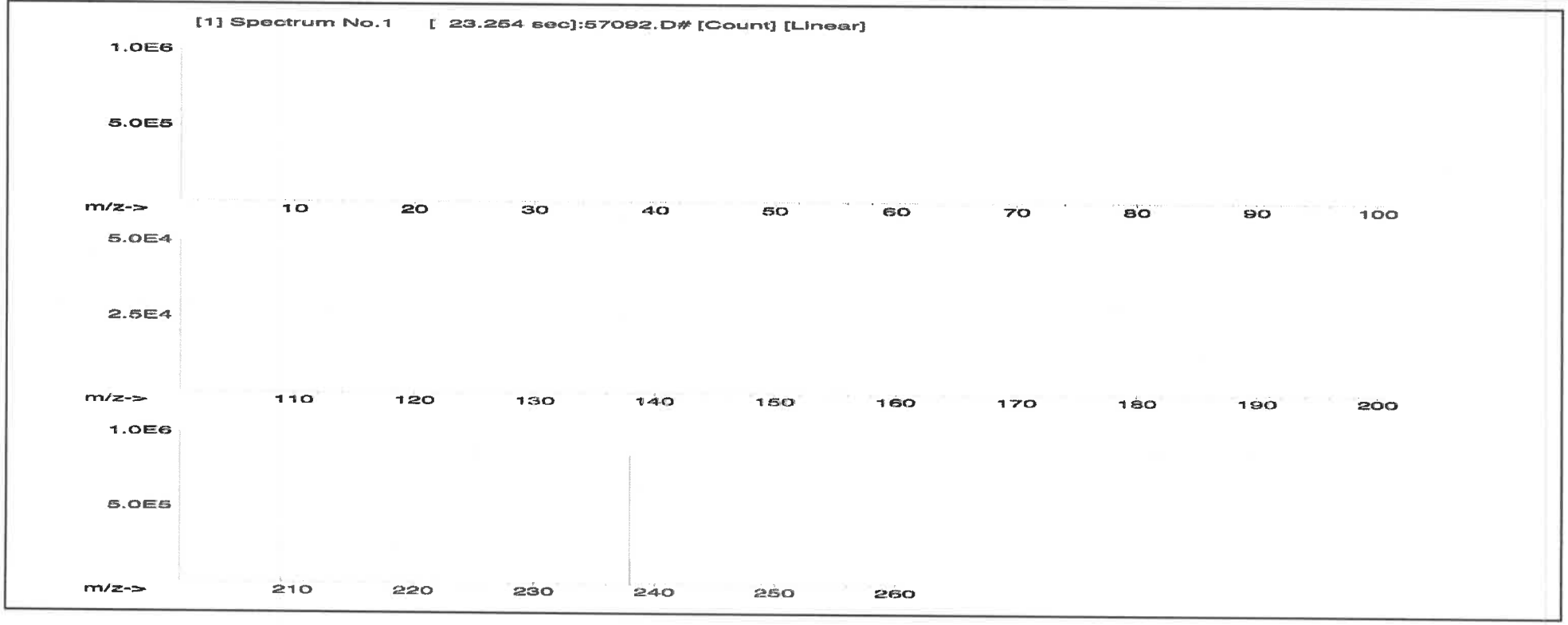
Giovanni Esposito

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

M5983 R: 6/11/24

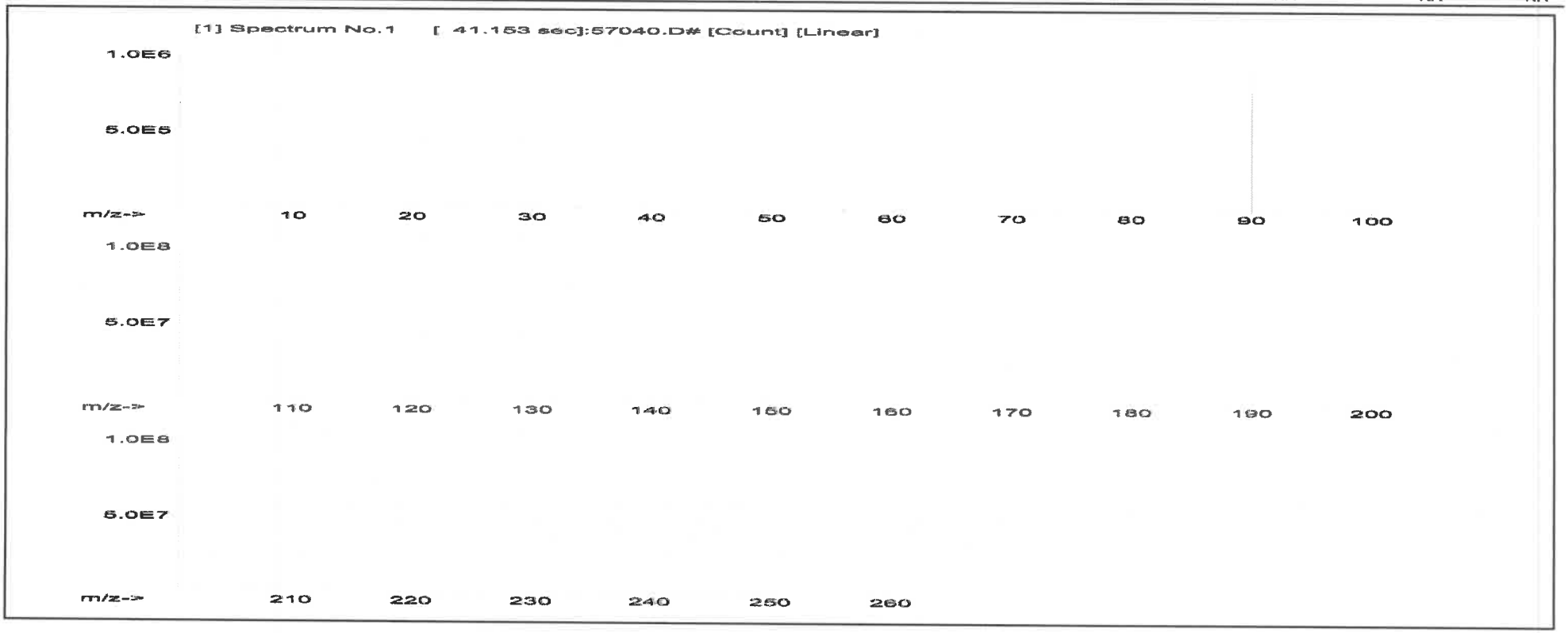
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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:

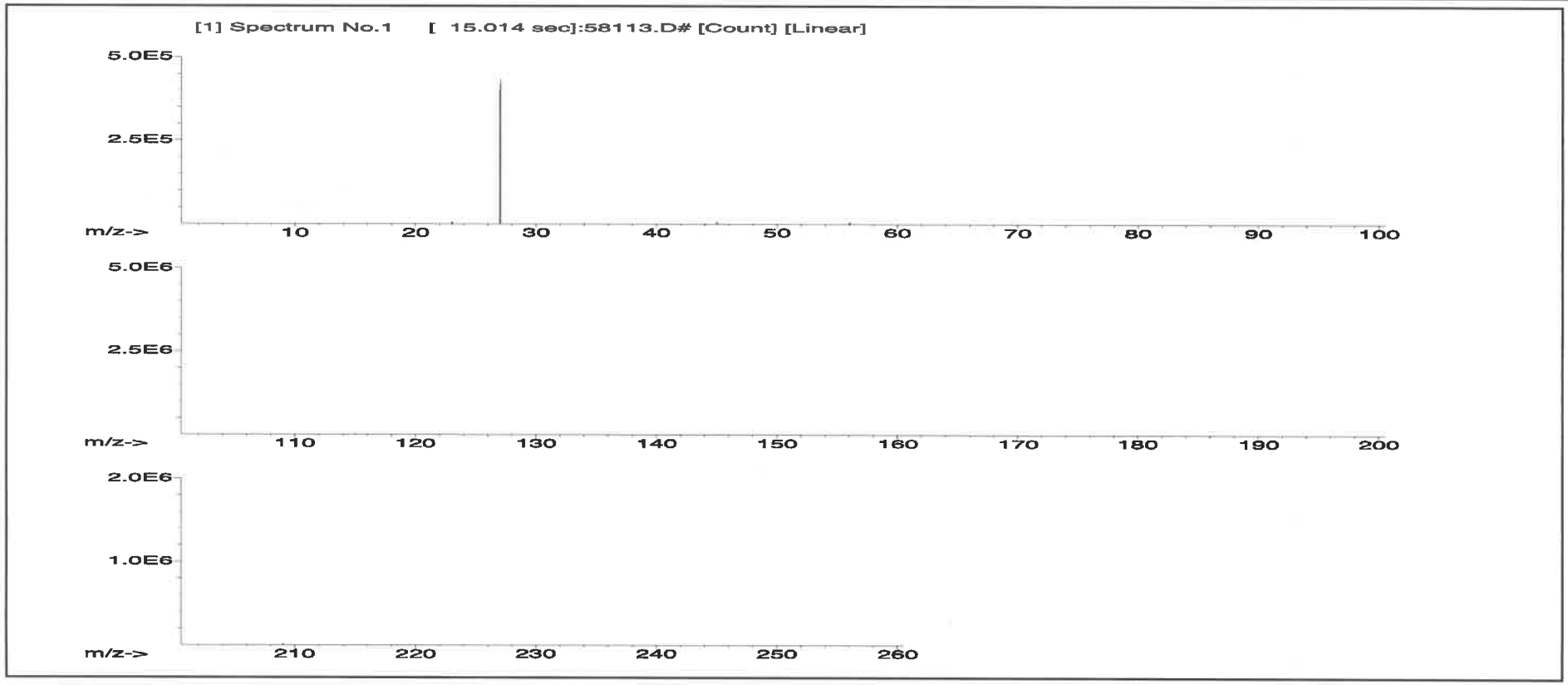
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
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



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

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

R → 10/13/24
Met dig

M 6/21

Material No.: 9530-33
Batch No.: 0000275677
Manufactured Date: 2020/12/16
Retest Date: 2025/12/15
Revision No: 1

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
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.190
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	< 0.2
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	29.7
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

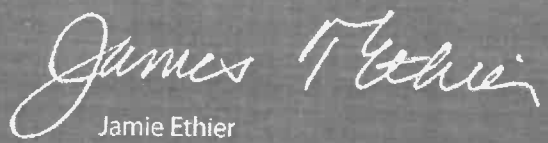
For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Material No.: 9530-33
Batch No.: 0000275677

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	< 0.2
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	<1
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.1
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	< 10.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.3
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

M6125 Receive -> 11/22/24

CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

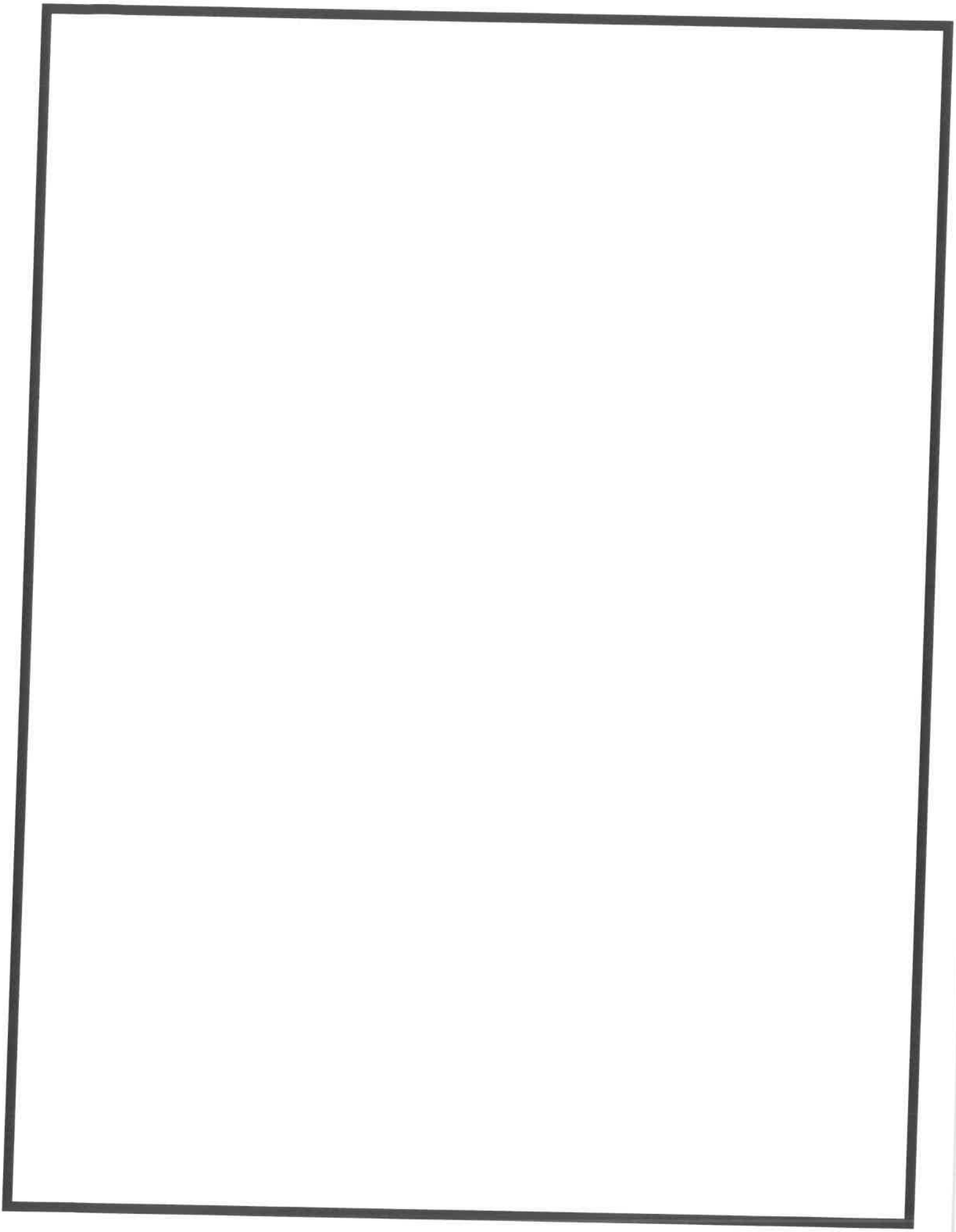
Office and Plant
299 Cedar Lane
Fairless Hills, PA 19030

Phone: 215-295-5006
Fax: 215-295-0781

Hydrogen Peroxide 30%, ACS

Reagent Grade

SPECIFICATION	MAXIMUM LIMITS
Appearance	Colorless and free from suspended matter or sediment
Assay	29-32%
Color (APHA)	10
Residue after Evaporation	0.002%
Titratable Acid	0.0006 meq/g
Chloride (Cl)	3 ppm
Nitrate (NO_3)	2 ppm
Phosphate	2 ppm
Sulfate (SO_4)	5 ppm
Ammonium (NH_4)	5 ppm
Heavy Metals (as Pb)	1 ppm
Iron (Fe)	0.5 ppm



Nitric Acid 69%
CMOS

avantor™ | J.T.Baker®

R -> 11/12/24

M6126

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

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

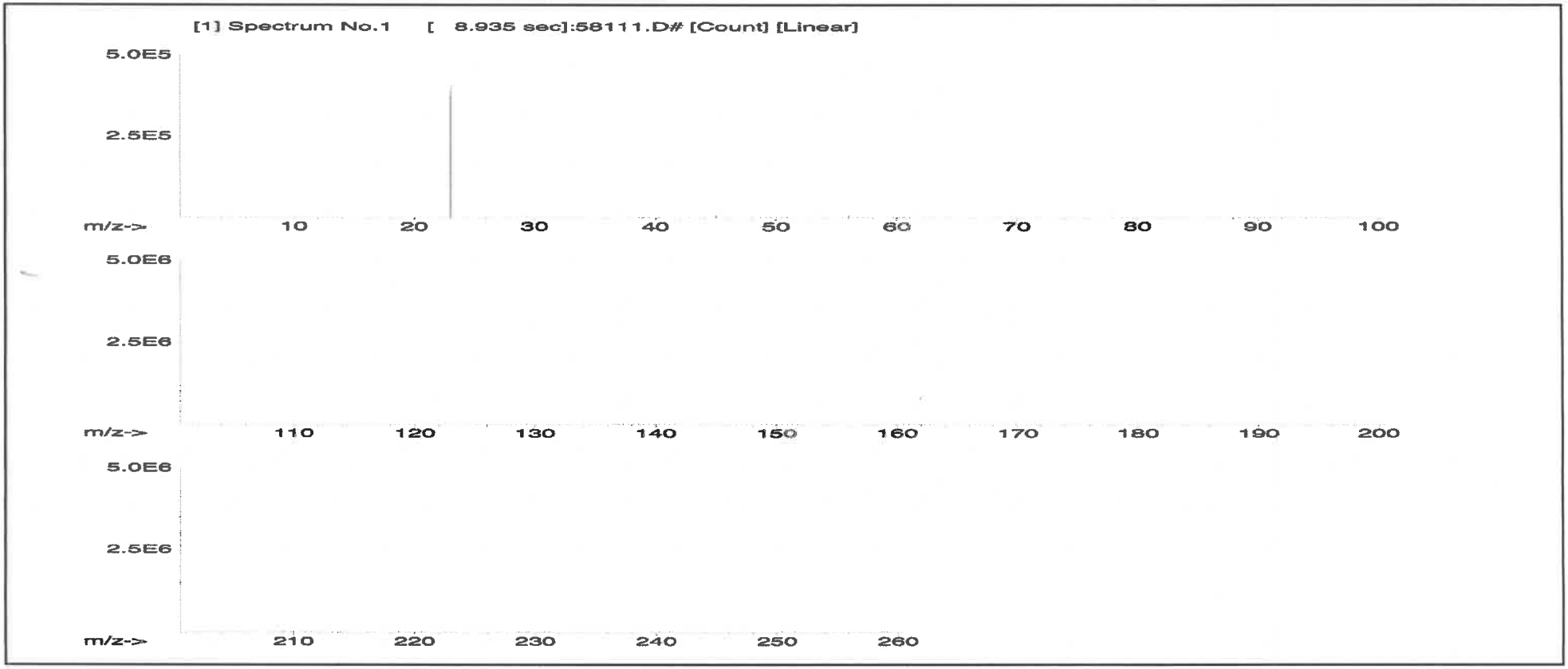
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

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*

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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*

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QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
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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.

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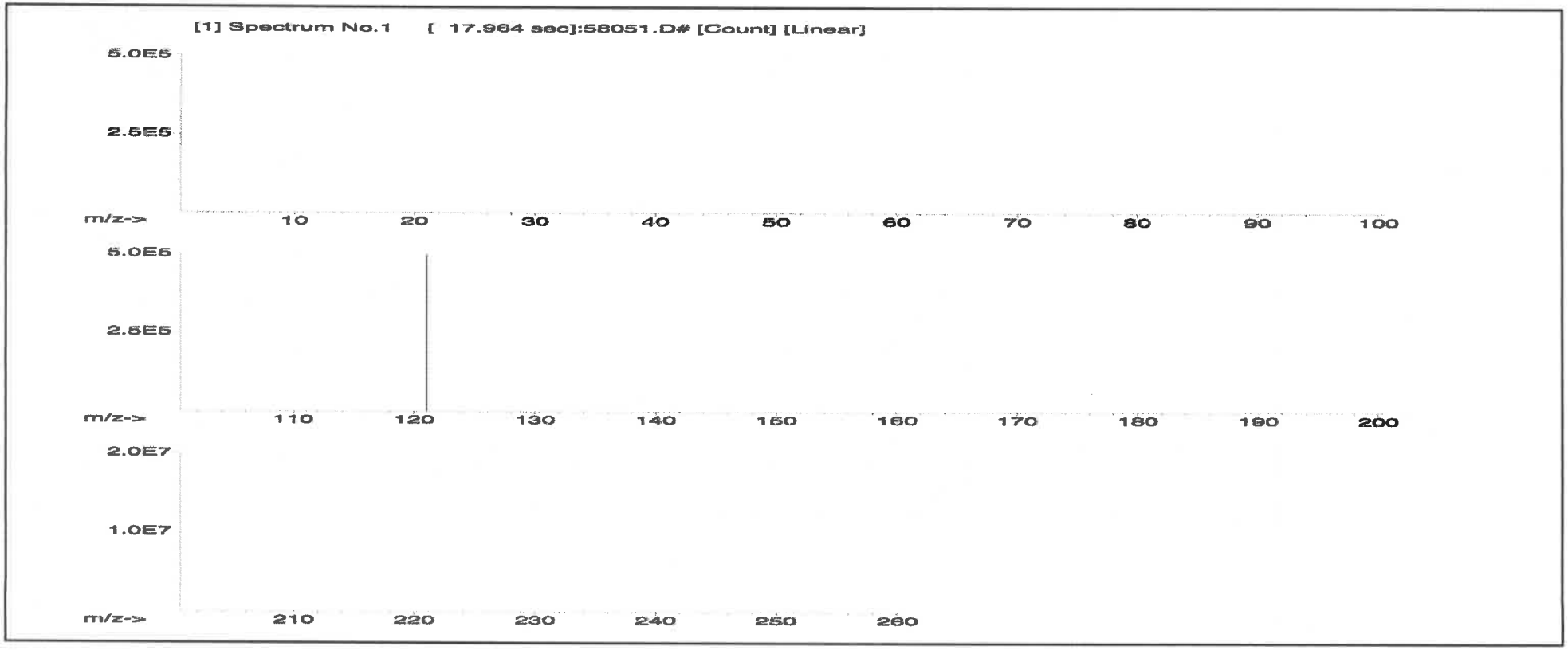
R: 01/03/24 M5802, M5803

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	24002546	Nitric Acid	
Lot Number:	**120523**			
Description:	**Antimony (Sb)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	120526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	120523
Reviewed By:	Pedro L. Rentas	120523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Antimony (Sb)	58151	100923	0.1000	300.0	0.084	1000	10001.4	**1000.0**	2.1	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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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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M6030

R: 8/5/24

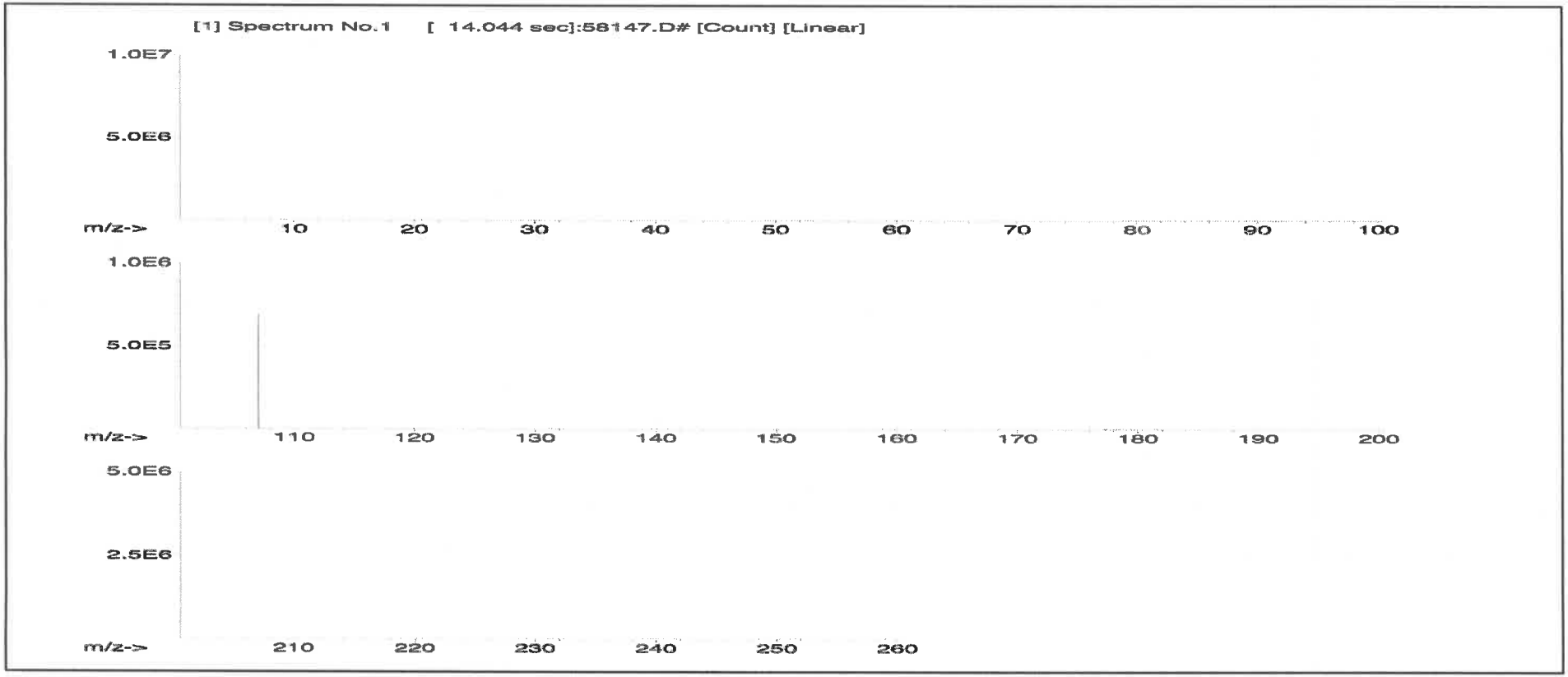
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CERTIFIED WEIGHT REPORT:

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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* 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: 03/16/23 M5473, M5474, M5475, M5476

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CERTIFIED WEIGHT REPORT:

Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)

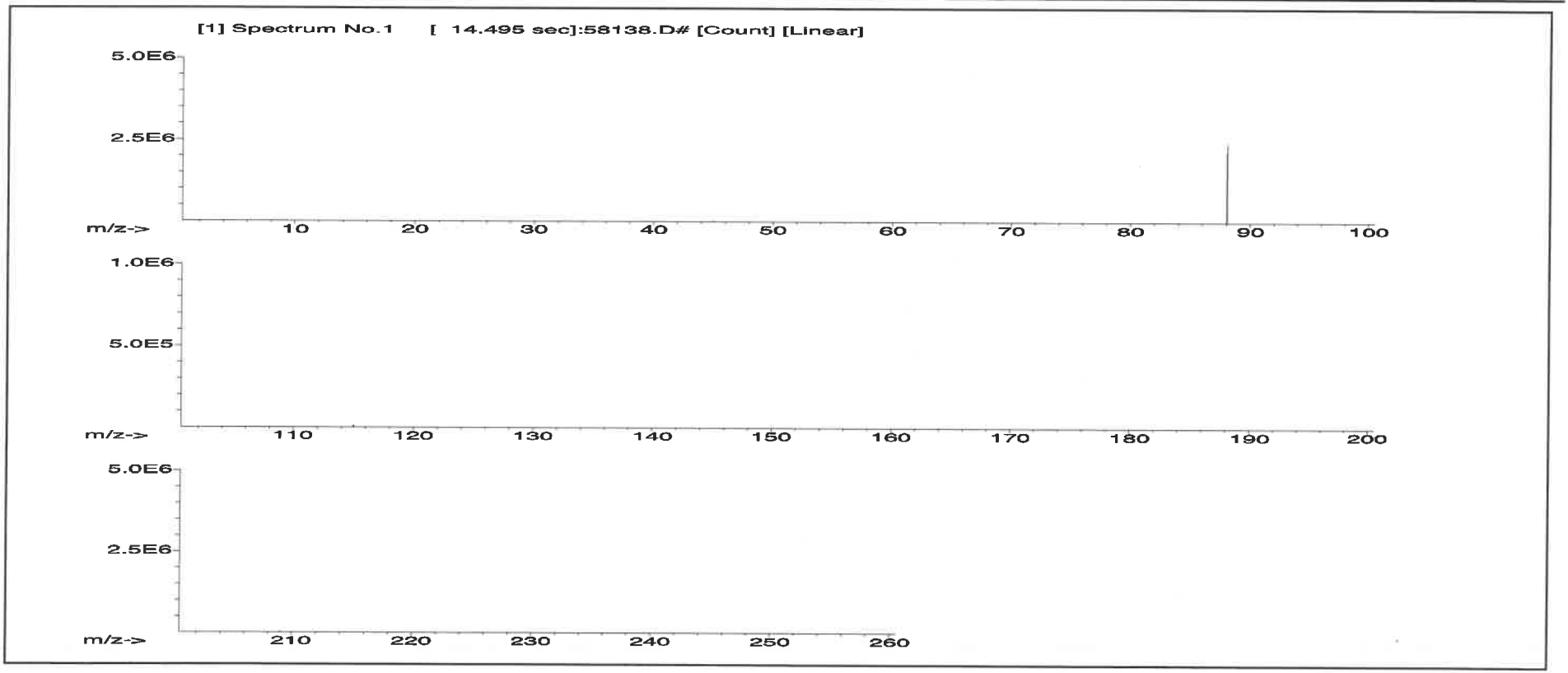
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	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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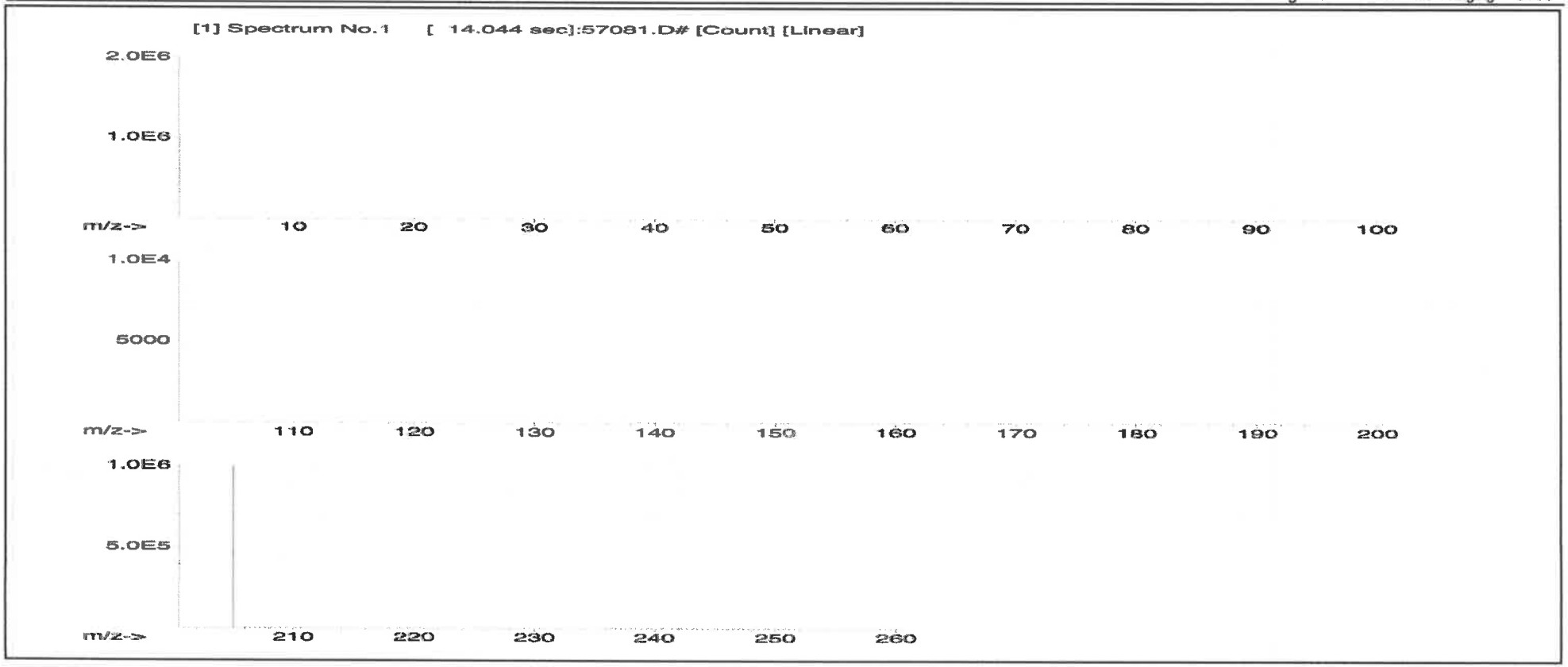
CERTIFIED WEIGHT REPORT:

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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Bc. 8/5/24

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**	24002546	Nitric Acid	
Description:	**Vanadium (V)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

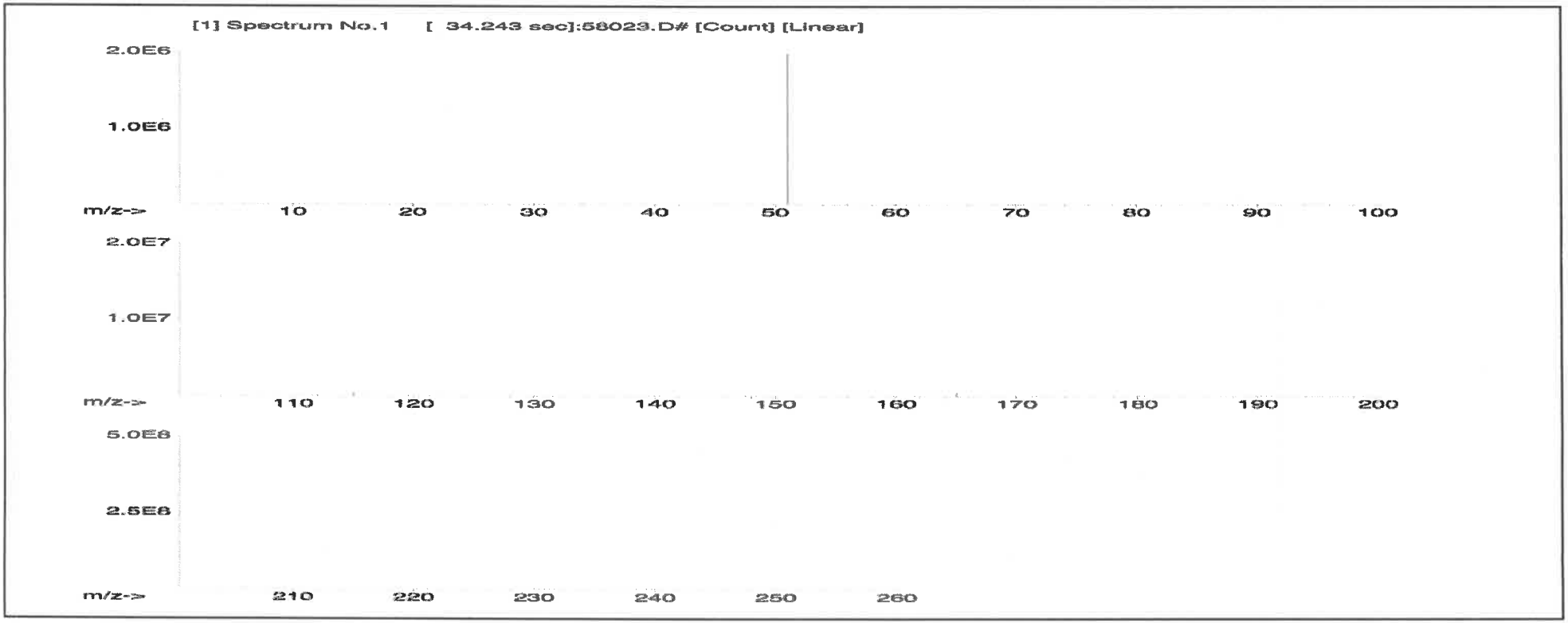
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

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SJ 12/18/2024

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB165689

M3050B-Digestion-20

SOP ID : ~~M200.8-Trace Elements-22~~, MSFAM01.1-Metals ICPMS-2

SDG No : MYCZH9

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #3 2. N/A

Start Digest Date: 12/17/2024 **Time :** 09:30 **Temp :** 96 °C

End Digest Date: 12/17/2024 **Time :** 12:40 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: SJ23.

Supervisor Signature: MB

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP83669
LCSSD	0.50	MP83669
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	5.00	MP83498
1:1 HCL	10.00	MP83499
Conc. HNO3	5.00	M6126
30% H2O2	3.00	M6125
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #3 CELL #34 : 96

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/17/24 13:40	SJ23. MET DIGESTION	MB- METAL LAB
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB165689

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P5189-01	MYCZH9	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	1
P5189-02	MYCZJ0	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	2
P5189-03	MYCZJ1	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	3
P5189-04	MYCZJ2	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	4
P5189-05	MYCZJ3	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	5
P5189-06	MYCZJ4	N/A	1.27	500	Brown	Yellow	Medium	N/A	N/A	6
P5189-07	MYCZJ5	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	7
P5189-08	MYCZJ6	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	8
P5189-09	MYCZJ7	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	9
P5189-10	MYCZJ8	N/A	1.49	500	Brown	Yellow	Medium	N/A	N/A	10
P5189-11	MYCZJ9	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	11
P5189-12	MYCZK0	N/A	1.27	500	Brown	Yellow	Medium	N/A	N/A	12
P5189-13	MYCZK1	N/A	1.38	500	Brown	Yellow	Medium	N/A	N/A	13
P5189-14	MYCZK2	N/A	1.41	500	Brown	Yellow	Medium	N/A	N/A	14
P5189-15	MYCZK3	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	15
P5189-16	MYCZK4	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	16
P5189-17	MYCZK5	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	17
P5189-18	MYCZK6	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	18
P5189-19	MYCZK7	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	19
P5189-20	MYCZK8	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	20
P5189-20MS	MYCZK8SRE	N/A	1.40	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	21
~~P5189-20MSD~~	~~MYCZK8MSD~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~
P5189-21	MYCZK8D	N/A	1.41	500	Brown	Yellow	Medium	N/A	N/A	22
P5189-22	MYCZK8S	N/A	1.17	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	23
PB165689BL	PBS689	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB165689BS	LCS689	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83669	25
PB165689BSD	LCSD689	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP83669	26

SJ
12/20/24

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Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134058

Review By	Sarabjit Jaswal	Review On	12/23/2024 4:13:28 AM
Supervise By	Mohan Bera	Supervise On	12/23/2024 4:14:06 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE004	TUNE	12/20/24 12:30		Jaswal	OK
2	S00	S0	CAL1	12/20/24 13:03		Jaswal	OK
3	S02	S02	CAL3	12/20/24 13:10		Jaswal	OK
4	S03	S03	CAL4	12/20/24 13:13		Jaswal	OK
5	S04	S04	CAL5	12/20/24 13:16		Jaswal	OK
6	S05	S05	CAL6	12/20/24 13:19		Jaswal	OK
7	S06	S06	CAL7	12/20/24 13:22		Jaswal	OK
8	S07	S07	CAL8	12/20/24 13:24		Jaswal	OK
9	S08	S08	CAL9	12/20/24 13:27		Jaswal	OK
10	ICV004	ICV004	ICV	12/20/24 13:41	Inst. paused for Calibration review	Jaswal	OK
11	ICB004	ICB004	ICB	12/20/24 14:31	Inst. paused for review	Jaswal	OK
12	ICSA004	ICSA004	ICSA	12/20/24 14:35		Jaswal	OK
13	ICSAB004	ICSAB004	ICSAB	12/20/24 14:38		Jaswal	OK
14	CCV030	CCV030	CCV	12/20/24 14:41		Jaswal	OK
15	CCB030	CCB030	CCB	12/20/24 14:47	Inst. paused for review	Jaswal	OK
16	PB165687BL	PBS687	MB	12/20/24 14:52		Jaswal	OK
17	PB165687BS	LCS687	LCS	12/20/24 14:55		Jaswal	OK
18	PB165687BSD	LCSD687	LCSD	12/20/24 14:59		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134058

Review By	Sarabjit Jaswal	Review On	12/23/2024 4:13:28 AM
Supervise By	Mohan Bera	Supervise On	12/23/2024 4:14:06 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

19	PB165689BL	PBS689	MB	12/20/24 15:02		Jaswal	OK
20	PB165689BS	LCS689	LCS	12/20/24 15:05		Jaswal	OK
21	PB165689BSD	LCSD689	LCSD	12/20/24 15:09		Jaswal	OK
22	PB165692BL	PBS692	MB	12/20/24 15:12		Jaswal	OK
23	PB165692BS	LCS692	LCS	12/20/24 15:15		Jaswal	OK
24	PB165692BSD	LCSD692	LCSD	12/20/24 15:18		Jaswal	OK
25	PB165715BL	PBS715	MB	12/20/24 15:22		Jaswal	OK
26	PB165715BS	LCS715	LCS	12/20/24 15:25		Jaswal	OK
27	PB165715BSD	LCSD715	LCSD	12/20/24 15:28		Jaswal	OK
28	P5188-20	MYCZR8	SAM	12/20/24 15:32	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
29	P5188-21	MYCZR8D	DUP	12/20/24 15:35	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
30	P5188-20L	MYCZR8L	SD	12/20/24 15:38	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
31	P5188-22	MYCZR8S	MS	12/20/24 15:41	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
32	P5188-20MS	MYCZR8SRE	MS	12/20/24 15:44	Ba,Co,Ni,V High	Jaswal	Dilution
33	P5189-20	MYCZK8	SAM	12/20/24 15:47	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
34	P5189-21	MYCZK8D	DUP	12/20/24 15:50	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
35	P5189-20L	MYCZK8L	SD	12/20/24 15:53	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
36	P5189-22	MYCZK8S	MS	12/20/24 15:56	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
37	P5189-20MS	MYCZK8SRE	MS	12/20/24 15:59	Ba,Co,Ni,V High	Jaswal	Dilution
38	P5190-20	MYCZM8	SAM	12/20/24 16:02	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134058

Review By	Sarabjit Jaswal	Review On	12/23/2024 4:13:28 AM
Supervise By	Mohan Bera	Supervise On	12/23/2024 4:14:06 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

39	P5190-21	MYCZM8D	DUP	12/20/24 16:05	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
40	P5190-20L	MYCZM8L	SD	12/20/24 16:09	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
41	P5190-22	MYCZM8S	MS	12/20/24 16:12	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
42	P5190-20MS	MYCZM8SRE	MS	12/20/24 16:15	Ba,Co,Ni,V High	Jaswal	Dilution
43	CCV031	CCV031	CCV	12/20/24 16:18		Jaswal	OK
44	CCB031	CCB031	CCB	12/20/24 16:24	Inst. paused for review	Jaswal	OK
45	P5191-13	MYD033	SAM	12/20/24 16:27	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
46	P5191-14	MYD033D	DUP	12/20/24 16:30	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
47	P5191-13L	MYD033L	SD	12/20/24 16:33	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
48	P5191-15	MYD033S	MS	12/20/24 16:37	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
49	P5191-13MS	MYD033SRE	MS	12/20/24 16:40	Ba,Co,Ni,V High , MS Fail For As(11.82ppb)	Jaswal	Dilution
50	P5188-20DL	MYCZR8	SAM	12/20/24 16:43	4X For Ba,Co,Ni,V	Jaswal	Confirms
51	P5188-21DL	MYCZR8D	DUP	12/20/24 16:46	4X For Ba,Co,Ni,V	Jaswal	Confirms
52	P5188-20LDL	MYCZR8L	SD	12/20/24 16:49	20X For Ba,Co,Ni,V	Jaswal	Confirms
53	P5188-22DL	MYCZR8S	MS	12/20/24 16:52	4X For Ba,Co,Ni,V	Jaswal	Confirms
54	P5188-20MSDL	MYCZR8SRE	MS	12/20/24 16:55	4X For Ba,Co,Ni,V	Jaswal	Confirms
55	P5189-20DL	MYCZK8	SAM	12/20/24 16:58	4X For Ba,Co,Ni,V	Jaswal	Confirms
56	P5189-21DL	MYCZK8D	DUP	12/20/24 17:02	4X For Ba,Co,Ni,V	Jaswal	Confirms
57	P5189-20LDL	MYCZK8L	SD	12/20/24 17:05	20X For Ba,Co,Ni,V	Jaswal	Confirms

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134058

Review By	Sarabjit Jaswal	Review On	12/23/2024 4:13:28 AM
Supervise By	Mohan Bera	Supervise On	12/23/2024 4:14:06 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	MP83669
Chk Standard	MP83635,MP83634

58	P5189-22DL	MYCZK8S	MS	12/20/24 17:08	4X For Ba,Co,Ni,V	Jaswal	Confirms
59	P5189-20MSDL	MYCZK8SRE	MS	12/20/24 17:11	4X For Ba,Co,Ni,V	Jaswal	Confirms
60	P5190-20DL	MYCZM8	SAM	12/20/24 17:14	4X For Ba,Co,Ni,V	Jaswal	Confirms
61	P5190-21DL	MYCZM8D	DUP	12/20/24 17:17	4X For Ba,Co,Ni,V	Jaswal	Confirms
62	P5190-20LDL	MYCZM8L	SD	12/20/24 17:20	20X For Ba,Co,Ni,V	Jaswal	Confirms
63	P5190-22DL	MYCZM8S	MS	12/20/24 17:24	4X For Ba,Co,Ni,V	Jaswal	Confirms
64	P5190-20MSDL	MYCZM8SRE	MS	12/20/24 17:27	4X For Ba,Co,Ni,V	Jaswal	Confirms
65	P5191-13DL	MYD033	SAM	12/20/24 17:30	4X For Ba,Co,Ni,V	Jaswal	Confirms
66	P5191-14DL	MYD033D	DUP	12/20/24 17:33	4X For Ba,Co,Ni,V	Jaswal	Confirms
67	P5191-13LDL	MYD033L	SD	12/20/24 17:36	20X For Ba,Co,Ni,V	Jaswal	Confirms
68	P5191-15DL	MYD033S	MS	12/20/24 17:39	4X For Ba,Co,Ni,V	Jaswal	Confirms
69	P5191-13MSDL	MYD033SRE	MS	12/20/24 17:43	4X For Ba,Co,Ni,V	Jaswal	Confirms
70	P5182-20A	MYCZ18ARE	PS	12/20/24 17:46	PS for Ag 0.02 ml mp83713-10ml sample	Jaswal	OK
71	P5183-20A	MYCZD8ARE	PS	12/20/24 17:49	PS for Ag 0.02 ml mp83713-10ml sample	Jaswal	OK
72	CCV032	CCV032	CCV	12/20/24 17:52		Jaswal	OK
73	CCB032	CCB032	CCB	12/20/24 17:59	Inst. paused for review	Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134059

Review By	Sarabjit Jaswal	Review On	12/23/2024 4:13:20 AM
Supervise By	Mohan Bera	Supervise On	12/23/2024 4:14:13 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	
Chk Standard	MP83635,MP83634

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE005	TUNE	12/20/24 18:50		Jaswal	OK
2	S00	S0	CAL1	12/20/24 19:34		Jaswal	OK
3	S02	S02	CAL3	12/20/24 19:40		Jaswal	OK
4	S03	S03	CAL4	12/20/24 19:43		Jaswal	OK
5	S04	S04	CAL5	12/20/24 19:46		Jaswal	OK
6	S05	S05	CAL6	12/20/24 19:49		Jaswal	OK
7	S06	S06	CAL7	12/20/24 19:52		Jaswal	OK
8	S07	S07	CAL8	12/20/24 19:55		Jaswal	OK
9	S08	S08	CAL9	12/20/24 19:58		Jaswal	OK
10	ICV005	ICV005	ICV	12/20/24 20:26	Inst. paused for Calibration review	Jaswal	OK
11	ICB005	ICB005	ICB	12/20/24 20:30		Jaswal	OK
12	ICSA005	ICSA005	ICSA	12/20/24 20:34		Jaswal	OK
13	ICSAB005	ICSAB005	ICSAB	12/20/24 20:37		Jaswal	OK
14	CCV033	CCV033	CCV	12/20/24 20:40		Jaswal	OK
15	CCB033	CCB033	CCB	12/20/24 20:42		Jaswal	OK
16	P5184-20A	MYCZF8ARE	PS	12/20/24 20:46	Not USe	Jaswal	Not Ok
17	P5188-01	MYCZG9	SAM	12/20/24 20:49		Jaswal	OK
18	P5188-02	MYCZH0	SAM	12/20/24 20:52		Jaswal	OK

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Instrument ID: P7

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Review By	Sarabjit Jaswal	Review On	12/23/2024 4:13:20 AM
Supervise By	Mohan Bera	Supervise On	12/23/2024 4:14:13 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	
Chk Standard	MP83635,MP83634

19	P5188-03	MYCZH1	SAM	12/20/24 20:55		Jaswal	OK
20	P5188-04	MYCZH2	SAM	12/20/24 20:58		Jaswal	OK
21	P5188-05	MYCZH3	SAM	12/20/24 21:01		Jaswal	OK
22	P5188-06	MYCZH4	SAM	12/20/24 21:04		Jaswal	OK
23	P5188-07	MYCZH5	SAM	12/20/24 21:08		Jaswal	OK
24	P5188-08	MYCZH6	SAM	12/20/24 21:11		Jaswal	OK
25	P5188-09	MYCZH7	SAM	12/20/24 21:14		Jaswal	OK
26	P5188-10	MYCZH8	SAM	12/20/24 21:17		Jaswal	OK
27	P5188-11	MYCZQ9	SAM	12/20/24 21:20		Jaswal	OK
28	P5188-12	MYCZR0	SAM	12/20/24 21:23		Jaswal	OK
29	P5188-13	MYCZR1	SAM	12/20/24 21:26		Jaswal	OK
30	P5188-14	MYCZR2	SAM	12/20/24 21:29		Jaswal	OK
31	P5188-15	MYCZR3	SAM	12/20/24 21:32		Jaswal	OK
32	P5188-16	MYCZR4	SAM	12/20/24 21:36		Jaswal	OK
33	P5188-17	MYCZR5	SAM	12/20/24 21:39		Jaswal	OK
34	P5188-18	MYCZR6	SAM	12/20/24 21:42		Jaswal	OK
35	P5188-19	MYCZR7	SAM	12/20/24 21:45		Jaswal	OK
36	P5189-01	MYCZH9	SAM	12/20/24 21:48		Jaswal	OK
37	P5189-02	MYCZJ0	SAM	12/20/24 21:51		Jaswal	OK
38	P5189-03	MYCZJ1	SAM	12/20/24 21:54		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134059

Review By	Sarabjit Jaswal	Review On	12/23/2024 4:13:20 AM
Supervise By	Mohan Bera	Supervise On	12/23/2024 4:14:13 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	
Chk Standard	MP83635,MP83634

39	P5189-04	MYCZJ2	SAM	12/20/24 21:57		Jaswal	OK
40	P5189-05	MYCZJ3	SAM	12/20/24 22:01		Jaswal	OK
41	P5189-06	MYCZJ4	SAM	12/20/24 22:04		Jaswal	OK
42	CCV034	CCV034	CCV	12/20/24 22:07		Jaswal	OK
43	CCB034	CCB034	CCB	12/20/24 22:13	Inst. paused for review	Jaswal	OK
44	P5189-07	MYCZJ5	SAM	12/20/24 22:16		Jaswal	OK
45	P5189-08	MYCZJ6	SAM	12/20/24 22:20		Jaswal	OK
46	P5189-09	MYCZJ7	SAM	12/20/24 22:23		Jaswal	OK
47	P5189-10	MYCZJ8	SAM	12/20/24 22:26		Jaswal	OK
48	P5189-11	MYCZJ9	SAM	12/20/24 22:29		Jaswal	OK
49	P5189-12	MYCZK0	SAM	12/20/24 22:32		Jaswal	OK
50	P5189-13	MYCZK1	SAM	12/20/24 22:35		Jaswal	OK
51	P5189-14	MYCZK2	SAM	12/20/24 22:38		Jaswal	OK
52	P5189-15	MYCZK3	SAM	12/20/24 22:42		Jaswal	OK
53	P5189-16	MYCZK4	SAM	12/20/24 22:45		Jaswal	OK
54	P5189-17	MYCZK5	SAM	12/20/24 22:48		Jaswal	OK
55	P5189-18	MYCZK6	SAM	12/20/24 22:51		Jaswal	OK
56	P5189-19	MYCZK7	SAM	12/20/24 22:54		Jaswal	OK
57	P5190-01	MYCZK9	SAM	12/20/24 22:57		Jaswal	OK
58	P5190-02	MYCZL0	SAM	12/20/24 23:00		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB134059

Review By	Sarabjit Jaswal	Review On	12/23/2024 4:13:20 AM
Supervise By	Mohan Bera	Supervise On	12/23/2024 4:14:13 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	
Chk Standard	MP83635,MP83634

59	P5190-03	MYCZL1	SAM	12/20/24 23:03		Jaswal	OK
60	P5190-04	MYCZL2	SAM	12/20/24 23:07		Jaswal	OK
61	P5190-05	MYCZL3	SAM	12/20/24 23:10		Jaswal	OK
62	P5190-06	MYCZL4	SAM	12/20/24 23:13		Jaswal	OK
63	P5190-07	MYCZL5	SAM	12/20/24 23:16		Jaswal	OK
64	P5190-08	MYCZL6	SAM	12/20/24 23:19		Jaswal	OK
65	P5190-09	MYCZL7	SAM	12/20/24 23:22		Jaswal	OK
66	P5190-10	MYCZL8	SAM	12/20/24 23:25		Jaswal	OK
67	P5190-11	MYCZL9	SAM	12/20/24 23:28		Jaswal	OK
68	P5190-12	MYCZM0	SAM	12/20/24 23:32		Jaswal	OK
69	CCV035	CCV035	CCV	12/20/24 23:35		Jaswal	OK
70	CCB035	CCB035	CCB	12/20/24 23:37		Jaswal	OK
71	P5190-13	MYCZM1	SAM	12/20/24 23:41		Jaswal	OK
72	P5190-14	MYCZM2	SAM	12/20/24 23:44		Jaswal	OK
73	P5190-15	MYCZM3	SAM	12/20/24 23:47		Jaswal	OK
74	P5190-16	MYCZM4	SAM	12/20/24 23:50		Jaswal	OK
75	P5190-17	MYCZM5	SAM	12/20/24 23:53		Jaswal	OK
76	P5190-18	MYCZM6	SAM	12/20/24 23:56		Jaswal	OK
77	P5190-19	MYCZM7	SAM	12/21/24		Jaswal	OK
78	P5191-01	MYCZR9	SAM	12/21/24 00:03		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB134059

Review By	Sarabjit Jaswal	Review On	12/23/2024 4:13:20 AM
Supervise By	Mohan Bera	Supervise On	12/23/2024 4:14:13 AM

STD. NAME	STD REF.#
ICAL Standard	MP83619,MP83628,MP83627,MP83625,MP83623,MP83622,MP83621,MP83620,MP83636
ICV Standard	MP83629
CCV Standard	MP83632
ICSA Standard	MP83630,MP83631
CRI Standard	
LCS Standard	
Chk Standard	MP83635,MP83634

79	P5191-02	MYCZS3	SAM	12/21/24 00:06		Jaswal	OK
80	P5191-03	MYCZS4	SAM	12/21/24 00:09		Jaswal	OK
81	P5191-04	MYCZS5	SAM	12/21/24 00:12		Jaswal	OK
82	P5191-05	MYCZS6	SAM	12/21/24 00:15		Jaswal	OK
83	P5191-06	MYCZS7	SAM	12/21/24 00:18		Jaswal	OK
84	P5191-07	MYD022	SAM	12/21/24 00:22		Jaswal	OK
85	P5191-08	MYD023	SAM	12/21/24 00:25		Jaswal	OK
86	P5191-09	MYD024	SAM	12/21/24 00:28		Jaswal	OK
87	P5191-10	MYD025	SAM	12/21/24 00:31		Jaswal	OK
88	P5191-11	MYD026	SAM	12/21/24 00:34		Jaswal	OK
89	P5191-12	MYD027	SAM	12/21/24 00:37		Jaswal	OK
90	CCV036	CCV036	CCV	12/21/24 00:40		Jaswal	OK
91	CCB036	CCB036	CCB	12/21/24 00:43		Jaswal	OK